

LOSS COSTS – IMPLEMENTATION

SEPTEMBER 14, 2018

GENERAL LIABILITY

LI-GL-2018-104

WISCONSIN GENERAL LIABILITY ADVISORY PROSPECTIVE LOSS COST REVISION TO BE IMPLEMENTED

KEY MESSAGE

Revised overall prospective loss costs for **-3.4%** to be implemented.

BACKGROUND

In circular [LI-GL-2018-099](#), we provided you with information about the General Liability loss cost level experience review.

ISO ACTION

We are implementing GL-2018-BGL1, which presents a review of General Liability loss cost experience. Refer to the attachment(s) for complete details.

SUPPLEMENTARY INFORMATION

We are including the following supplementary information:

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

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

EFFECTIVE DATE

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

These changes are applicable to all policies written on or after April 1, 2019.

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

IMPACT ON THE STATISTICAL REPORTING OF LOSS COST MULTIPLIER

For the purpose of reporting your company Loss Cost Multiplier under the CSP, as of April 1, 2019, the multiplier must be based on the relationship between your gross rates and the ISO advisory prospective loss costs contained in this circular.

COMPANY ACTION

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

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

WE WILL SUBMIT OUR REFERENCE FILING TO THE INSURANCE DEPARTMENT ON MARCH 22, 2019. 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 Reference Filing Number GL-2018-BGL1, NOT this circular number.

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

RATING SOFTWARE IMPACT

No new attributes are being introduced with this revision.

POLICYHOLDER NOTIFICATION

If you decide to implement this revision, you should check all applicable laws for the state(s) to which this revision applies, to determine whether or not a specific policyholder notice requirement may apply. Please note that circular LI-CL-2017-074 contains the ISO Guide To Renewals With Changed Conditions For Commercial Lines, which is available only as a guide to assist participating companies in complying with various conditional renewal statutes or regulations, for the major commercial lines of insurance serviced by ISO. The information in the Guide does not necessarily reflect all requirements or exceptions that may apply, and it is not intended as a substitute for your review of all applicable statutes and regulations concerning policyholder notification.

REVISION DISTRIBUTION

We will issue a Notice to Manualholders with an edition date of 4-19 (or the earliest possible subsequent date), along with any new and/or revised manual pages.

REFERENCE(S)

- LI-GL-2018-099 (09/12/2018) General Liability Basic Limit Experience For 2018 Group 4 Jurisdictions Reviewed By Staff
- LI-CL-2017-074 (11/20/2017) Revised Lead Time Requirements Listing

ATTACHMENT(S)

- GL-2018-BGL1
- Actuarial Analysis Supplement
- Manual Pages
- Excel Workbook

FILES AVAILABLE FOR DOWNLOAD

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

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

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

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

WISCONSIN GL-2018-BGL1
BASIC LIMIT LOSS COST LEVEL
GENERAL LIABILITY OTHER THAN PROFESSIONAL
PREMISES/OPERATIONS AND PRODUCTS/COMPLETED OPERATIONS
EXECUTIVE SUMMARY

PURPOSE

This document:

- revises current advisory prospective loss costs for Premises/Operations and Products/Completed Operations classes. These loss costs represent a - 3.4% change from the current ISO loss costs. Please note that throughout this document the term loss costs means advisory prospective loss costs.
 - provides the analyses used to derive these advisory loss costs.
-

DEFINITION OF
THE ISO
ADVISORY
PROSPECTIVE
LOSS COSTS

Advisory prospective loss costs in this document are 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.

LOSS COST
LEVEL CHANGES

The statewide advisory loss cost level changes are:

<u>SUBLINE</u>	<u>INDICATED</u>	<u>SELECTED</u>
M&C	- 1.0%	- 1.0%
OL&T	- 3.3%	- 3.3%
Premises/Operations	- 2.0%	- 2.0%
Products	- 8.2%	- 8.2%
Local Products/Completed Operations	- 6.6%	- 6.6%
Products/Completed Operations	- 7.4%	- 7.4%
GL Overall	- 3.4%	- 3.4%

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

INDICATED
VS. SELECTED

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

CAPPING

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

PRIOR ISO
REVISIONS

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

CHANGES TO
METHODOLOGY

When calculating the statewide loss cost level change indication, the expected experience ratio no longer includes the selected change from the last review divided by the implemented change. See Section B and C for further information regarding the expected experience ratio.

HISTORICAL SOURCE DATA

The data used in this document is:

- ISO reporting companies' voluntary experience.
- Fiscal - accident year data through year ended 9/30/2017 for Premises/Operations.
- Calendar - accident year data through year ended 12/31/2016 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 4/1/2019. The Products/Completed Operations portion of this review uses a trend date of 7/1/2018 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 6/30/2017 were used in selecting annual trend factors. For Products/Completed Operations, occurrence cost data and occurrence frequency data through 12/31/2016 were used.

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

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

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

TEN
LARGEST
COMPANY
GROUPS IN
ISO
DATA
BASE

OTHER LIABILITY (ASLOB 17.0)

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

PRODUCTS LIABILITY (ASLOB 18.0)

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

Insurers are listed in descending order based on the percent of written premium volume from Statutory Page 14 Data for the year ending 12/31/2016 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 12/31/2016 is:

Statewide - Other Liability (ASLOB 17.0)	38.6%
Multistate - Products Liability (ASLOB 18.0)	47.7%

COMPANY
DECISION

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

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

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WISCONSIN
PRIOR REVISIONS

The latest implemented revisions in this state are:

Document: GL-2017-BGL1

<u>Coverage</u>	<u>Effective Date</u>	<u>Loss Cost Level Changes</u>		
		<u>Indicated</u>	<u>Selected</u>	<u>Implemented</u>
M&C		- 7.1%	0.0%	0.0%
OL&T		-12.7%	- 12.7%	- 12.7%
Prem/Ops Combined		- 9.7%	- 5.8%	- 5.8%
Products		- 10.2%	- 10.2%	- 10.2%
Local Products/Completed Ops		+ 0.7%	+ 0.7%	+ 0.7%
Products/Completed Ops		- 4.6%	- 4.6%	- 4.6%
General Liability Overall	4/1/2018	- 8.4%	- 5.5%	- 5.5%

Document: GL-2016-BGL1

<u>Coverage</u>	<u>Effective Date</u>	<u>Loss Cost Level Changes</u>		
		<u>Indicated</u>	<u>Selected</u>	<u>Implemented</u>
M&C		+ 7.1%	+ 7.1%	+ 7.1%
OL&T		+ 2.7%	+ 2.7%	+ 2.7%
Prem/Ops Combined		+ 5.0%	+ 5.0%	+ 5.0%
Products		- 4.6%	- 4.6%	- 4.6%
Local Products/Completed Ops		+ 13.9%	+ 13.9%	+ 13.9%
Products/Completed Ops		+ 4.2%	+ 4.2%	+ 4.2%
General Liability Overall	4/1/2017	+ 4.8%	+ 4.8%	+ 4.8%

Document: GL-2015-BGL1

<u>Coverage</u>	<u>Effective Date</u>	<u>Loss Cost Level Changes</u>		
		<u>Indicated</u>	<u>Selected</u>	<u>Implemented</u>
M&C		+ 8.1%	+ 5.0%	+ 5.0%
OL&T		+ 3.0%	+ 3.0%	+ 3.0%
Prem/Ops Combined		+ 5.6%	+ 4.0%	+ 4.0%
Products		- 8.9%	- 8.9%	- 8.9%
Local Products/Completed Ops		- 1.4%	- 1.4%	- 1.4%
Products/Completed Ops		- 5.5%	- 5.5%	- 5.5%
General Liability Overall	4/1/2016	+ 2.6%	+ 1.4%	+ 1.4%

**GENERAL LIABILITY OTHER THAN PROFESSIONAL
PREMISES/OPERATIONS AND PRODUCTS/COMPLETED OPERATIONS
TABLE OF CONTENTS**

SECTION A - SCOPE OF REVISION

• Table of Contents	A-1
• Statewide Loss Cost Level Changes	A-2
• Territory Loss Cost Level Changes	A-3
• Class Group Loss Cost Level Changes	A-4-5
• Explanation of Loss Cost Changes by Class	A-6-7
• Loss Cost % Change by Class	A-8-41

SECTION B - EXPLANATORY MATERIAL

• Table of Contents	B-1
• Methodology Overview	B-2-8
• Explanatory Notes to Determination of Indicated Loss Cost Level Change	B-9
• Explanatory Notes to Relative Change Analysis	B-10-16
• Explanatory Notes to Implicit Package Modification Factors	B-17
• Explanation of Exposure Development	B-18-19
• Explanation of Loss Development	B-20-21
• Explanation of Allocated Loss Adjustment Expense (ALAE) Development	B-22-24
• Explanation of Modified Bondy Method	B-25
• Unallocated Loss Adjustment Factor Methodology	B-26
• Explanation of Trend Calculation	B-27-28
• Credibility Standards	B-29-30
• Explanatory Notes to Class Groups and Differentials -- Premises/Operations	B-31
• Explanatory Notes to Class Groups and Calculation of Proposed Class Loss Costs -- Products	B-32
• Explanatory Notes to Class Groups and Calculation of Proposed Class Loss Costs -- Local Products/Completed Operations	B-33

**GENERAL LIABILITY OTHER THAN PROFESSIONAL
PREMISES/OPERATIONS AND PRODUCTS/COMPLETED OPERATIONS
TABLE OF CONTENTS (Cont'd)**

SECTION C - CALCULATION OF INDICATIONS

- Table of Contents C-1

Determination of Indicated Loss Cost Level Change:

- Manufacturers and Contractors C-2
- Owners, Landlords and Tenants C-3
- Products C-4
- Local Products/Completed Operations C-5

SECTION D - RELATIVE CHANGE ANALYSIS

- Table of Contents D-1

Manufacturers and Contractors

- Basic Limit Relative Change Analysis
With Monoline Indicated Loss Cost Level Changes by Class Group D-2
- Summary of Experience Used in Relative Change Analysis D-3-4

Owners, Landlords and Tenants

- Basic Limit Relative Change Analysis With Monoline Indicated
Loss Cost Level Changes by Class Group and Territory D-5-6
- Summary of Experience Used in Relative Change Analysis D-7-14

Products

- Basic Limit Relative Change Analysis
With Monoline Indicated Loss Cost Level Changes by Class Group D-15
- Summary of Experience Used in Relative Change Analysis D-16

Local Products/Completed Operations

- Basic Limit Relative Change Analysis
With Monoline Indicated Loss Cost Level Changes by Class Group D-17
- Relative Change Analysis by State D-18
- Summary of Experience Used in Relative Change Analysis D-19-20

**GENERAL LIABILITY OTHER THAN PROFESSIONAL
PREMISES/OPERATIONS AND PRODUCTS/COMPLETED OPERATIONS
TABLE OF CONTENTS (Cont'd)**

SECTION E - SUPPORTING MATERIAL -- PREMISES/OPERATIONS

• Table of Contents	E-1
• Calculation of Aggregate Loss Costs at Current Level and Incurred Losses	E-2-7
• Implicit Package Modification Factors	E-8-9
• Calculation of Exposure Development Factors	E-10-15
• Table Of Contents - Loss Development	E-16
• Loss Development Data	E-17-74
• Multistate Review of ULAE Experience	E-75
• Trend Summary	E-76
• Trend Data	E-77-88
• Class Groups and Differentials	E-89-99

**GENERAL LIABILITY OTHER THAN PROFESSIONAL
PREMISES/OPERATIONS AND PRODUCTS/COMPLETED OPERATIONS
TABLE OF CONTENTS (Cont'd)**

SECTION F - SUPPORTING MATERIAL -- PRODUCTS

• Table of Contents	F-1
• Calculation of Aggregate Loss Costs at Current Level and Incurred Losses	F-2-4
• Implicit Package Modification Factors	F-5
• Multistate Exposure Development	F-6
• Table of Contents - Loss Development	F-7
• Loss Development Data	F-8-21
• Multistate Review of ULAE Experience	F-22
• Trend Summary	F-23
• Trend Data	F-24-27
• Class Groups and Calculation of Proposed Class Loss Costs	F-28-40

SECTION G - SUPPORTING MATERIAL -- LOCAL PRODUCTS/COMPLETED OPERATIONS

• Table of Contents	G-1
• Calculation of Aggregate Loss Costs at Current Level and Incurred Losses	G-2-4
• Implicit Package Modification Factors	G-5
• Calculation of Exposure Development Factors	G-6-8
• Table of Contents - Loss Development	G-9
• Loss Development Data	G-10-45
• Multistate Review of ULAE Experience	G-46
• Trend Summary	G-47
• Trend Data	G-48-51
• Class Groups and Calculation of Proposed Class Loss Costs	G-52-61

SECTION A
SCOPE OF REVISION
TABLE OF CONTENTS

Statewide Loss Cost Level Changes	A-2
Territory Loss Cost Level Changes	A-3
Class Group Loss Cost Level Changes	A-4-5
Explanation of Loss Cost Level Changes by Class	A-6-7
Loss Cost % Change by Class	A-8-41

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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)	- 6.2%	- 0.8%	- 3.9%				
Statewide Indicated Monoline Loss Cost Level Change (See Section C)	- 1.0%	- 3.3%	- 2.0%	- 8.2%*	- 6.6%**	- 7.4%	- 3.4%
Statewide Selected Monoline Loss Cost Level Change (See Section C)	- 1.0%	- 3.3%	- 2.0%	- 8.2%*	- 6.6%	- 7.4%	- 3.4%

* 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.

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

<u>CODE</u>	<u>TERRITORY DESCRIPTION</u>	LATEST YEAR MONO/MULTI AGGREGATE LOSS COSTS AT CURRENT <u>LEVEL (ALCCL)</u>	INDICATED LOSS COST LEVEL CHANGE <u>BEFORE CAPPING</u>	LOSS COST LEVEL CHANGE <u>AFTER CAPPING</u>
501	Milwaukee	\$ 2,549,595	- 4.1%	- 4.2%
502	Green Bay, Kenosha, Madison, Racine and Surrounding Townships	1,846,266	+ 1.5%	+ 1.3%
503	Remainder of State	7,252,451	- 4.2%	- 4.1%
	STATEWIDE TOTAL	\$ 11,648,312	- 3.3%	- 3.3%

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PREMISES/OPERATIONS
CLASS GROUP LOSS COST LEVEL CHANGES

MANUFACTURERS AND CONTRACTORS LIABILITY INSURANCE

CLASS GROUP	DESCRIPTION	LATEST YEAR MONO/MULTI ALCCL	INDICATED LOSS COST LEVEL CHANGE BEFORE CAPPING	LOSS COST LEVEL CHANGE AFTER CAPPING
30	SERVICE	\$ 833,442	+ 2.0%	+ 1.8%
31	LIGHT CONTRACTING	1,404,511	+ 0.9%	+ 0.6%
32	MEDIUM CONTRACTING	5,576,566	- 1.1%	- 1.4%
33	HEAVY CONTRACTING	1,571,196	- 1.8%	- 2.0%
34	DEALERS OR DISTRIBUTORS	1,407,197	- 2.4%	- 2.2%
35	LIGHT MANUFACTURERS	270,614	+ 0.1%	0.0%
36	MEDIUM MANUFACTURERS	1,598,800	- 2.3%	- 1.0%
37	HEAVY MANUFACTURERS	1,532,640	+ 0.2%	+ 0.1%
38	MISCELLANEOUS OPERATIONS	1,104,250	- 2.2%	- 1.8%
	TOTAL	\$ 15,299,216	- 1.0%	- 1.0%

OWNERS, LANDLORDS AND TENANTS LIABILITY INSURANCE

CLASS GROUP	DESCRIPTION	LATEST YEAR MONO/MULTI ALCCL	INDICATED LOSS COST LEVEL CHANGE BEFORE CAPPING	LOSS COST LEVEL CHANGE AFTER CAPPING
01	FOOD AND BEVERAGE (RETAIL)	\$ 447,463	- 2.3%	- 3.2%
02	RESTAURANTS	478,992	- 5.4%	- 5.5%
03	STORES	648,977	- 9.5%	- 9.5%
04	VENDING AND RENTAL	71,084	- 1.9%	- 1.6%
05	FOOD AND BEVERAGE DISTRIBUTORS	226,908	- 5.3%	- 4.2%
06	NON-(FOOD AND BEVERAGE) DISTRIB.	383,920	- 0.5%	- 0.5%
07	CLUBS, AMUSEMENTS AND SPORTS	454,486	+ 3.5%	+ 3.2%
08	HEALTH CARE FACILITIES	58,977	+ 0.5%	+ 1.1%
09	HOTELS AND MOTELS	582,315	+ 11.4%	+ 11.7%
10	SCHOOLS AND CHURCHES	1,933,574	- 5.8%	- 6.2%
11	APARTMENTS	1,980,862	- 5.2%	- 5.0%
12	BUILDINGS AND OFFICES	3,880,548	- 3.1%	- 3.2%
13	MISCELLANEOUS PREMISES	312,567	- 0.1%	- 0.5%
16	GOVERNMENTAL SUBDIVISIONS	187,639	- 6.2%	- 7.0%
	TOTAL	\$ 11,648,312	- 3.3%	- 3.3%

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

<u>CLASS GROUP</u>	<u>DESCRIPTION</u>	LATEST YEAR MULTISTATE MONO/MULTI ALCCL AT MULTISTATE <u>LEVEL</u>	INDICATED MULTISTATE LOSS COST LEVEL <u>CHANGE</u>	LATEST YEAR STATEWIDE MONO/MULTI ALCCL AT CURRENT <u>LEVEL</u>	INDICATED STATEWIDE LOSS COST LEVEL <u>CHANGE</u>	SELECTED STATEWIDE LOSS COST LEVEL <u>CHANGE</u>
03	MANUFACTURERS, DEALERS OR DISTRIBUTORS-FOOD OR DRUG	\$ 46,246,181	- 10.7%	\$ 1,726,381	- 12.2%	- 12.2%
04	DEALERS OR DISTRIBUTORS-NOT FOOD OR DRUG	45,592,501	- 5.3%	960,092	- 4.4%	- 4.4%
05	MANUFACTURERS-NOT FOOD OR DRUG-LOW	5,691,642	- 5.9%	80,018	- 9.3%	- 9.3%
06	MANUFACTURERS-NOT FOOD OR DRUG-MEDIUM	40,472,764	- 8.2%	1,231,542	- 6.3%	- 6.3%
07	MANUFACTURERS-NOT FOOD OR DRUG-HIGH	10,893,110	- 8.4%	449,743	- 6.0%	- 6.0%
	PRODUCTS SUBTOTAL	\$ 148,896,198	- 8.0%	\$ 4,447,776	- 8.2%	- 8.2%
01	RETAIL STORES-FOOD OR DRUG			\$ 116,013	- 18.1%	- 16.5%
02	RETAIL STORES-NOT FOOD OR DRUG			288,320	- 6.6%	- 6.9%
11	COMPLETED OPERATIONS-LOW			328,972	- 6.9%	- 6.2%
12	COMPLETED OPERATIONS-MEDIUM			3,491,531	- 5.5%	- 5.6%
13	COMPLETED OPERATIONS-HIGH			489,564	- 11.6%	- 11.6%
	LOCAL PRODUCTS/COMPLETED OPERATIONS SUBTOTAL			\$ 4,714,400	- 6.6%	- 6.6%
	TOTAL			\$ 9,162,176	- 7.4%	- 7.4%

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

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

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

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

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

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

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

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

- 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.

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

- 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 -28% relative to current multistate loss costs;
- Local Products/Completed Operations classes reflect an upper cap of +25% and a lower cap of -27% relative to current loss costs.

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

M&C: 0.997

OL&T: 1.000

LP/CO: 1.015

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

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	.094	.096	-2.1	10070	503	.041	.042	-2.4	10115	502	.490	.520	-5.8
10010	502	.096	.092	4.3	10071	501	.270	.300	-10.0	10115	503	.720	.800	-10.0
10010	503	.072	.073	-1.4	10071	502	.220	.233	-5.6	10117	501	2.840	2.760	2.9
10015	501	2.860	2.780	2.9	10071	503	.320	.360	-11.1	10117	502	3.260	3.020	7.9
10015	502	3.290	3.040	8.2	10072	501	5.000	5.090	-1.8	10117	503	3.560	3.470	2.6
10015	503	3.580	3.490	2.6	10072	502	5.180	5.280	-1.9	10120	501	6.360	6.180	2.9
10026	501	.550	.610	-9.8	10072	503	5.550	5.670	-2.1	10120	502	7.320	6.770	8.1
10026	502	.450	.470	-4.3	10073	501	.940	.950	-1.1	10120	503	7.970	7.780	2.4
10026	503	.650	.720	-9.7	10073	502	.940	.960	-2.1	10130	501	3.030	3.360	-9.8
10036	501	.600	.610	-1.6	10073	503	.690	.700	-1.4	10130	502	2.450	2.590	-5.4
10036	502	.610	.620	-1.6	10075	501	6.960	7.080	-1.7	10130	503	3.560	3.960	-10.1
10036	503	.440	.450	-2.2	10075	502	6.990	7.150	-2.2	10132	501	2.610	2.900	-10.0
10040	501	.072	.073	-1.4	10075	503	5.120	5.230	-2.1	10132	502	2.110	2.230	-5.4
10040	502	.073	.070	4.3	10100	501	.310	.320	-3.1	10132	503	3.070	3.410	-10.0
10040	503	.055	.056	-1.8	10100	502	.410	.400	2.5	10133	501	2.580	2.640	-2.3
10042	501	.320	.350	-8.6	10100	503	.490	.500	-2.0	10133	502	2.430	2.350	3.4
10042	502	.260	.270	-3.7	10101	501	.205	.228	-10.1	10133	503	1.490	1.530	-2.6
10042	503	.370	.410	-9.8	10101	502	.166	.175	-5.1	10140	501	.016	.017	-5.9
10052	501	1.980	1.920	3.1	10101	503	.241	.270	-10.7	10140	502	.035	.036	-2.8
10052	502	2.270	2.100	8.1	10105	501	2.220	2.470	-10.1	10140	503	.024	.025	-4.0
10052	503	2.480	2.410	2.9	10105	502	1.800	1.900	-5.3	10141	501	.032	.034	-5.9
10054	501	1.750	1.700	2.9	10105	503	2.610	2.910	-10.3	10141	502	.070	.071	-1.4
10054	502	2.020	1.870	8.0	10107	501	2.870	2.920	-1.7	10141	503	.047	.051	-7.8
10054	503	2.200	2.140	2.8	10107	502	2.880	2.940	-2.0	10145	501	.154	.165	-6.7
10060	501	.152	.168	-9.5	10107	503	2.110	2.150	-1.9	10145	502	.340	.340	0.0
10060	502	.123	.130	-5.4	10110	501	9.720	9.450	2.9	10145	503	.229	.243	-5.8
10060	503	.178	.198	-10.1	10110	502	11.200	10.300	8.7	10146	501	.138	.143	-3.5
10065	501	.227	.250	-9.2	10110	503	12.200	11.900	2.5	10146	502	.182	.177	2.8
10065	502	.184	.195	-5.6	10111	501	.118	.120	-1.7	10146	503	.218	.225	-3.1
10065	503	.270	.300	-10.0	10111	502	.120	.115	4.3	10150	501	.420	.470	-10.6
10066	501	.232	.260	-10.8	10111	503	.090	.091	-1.1	10150	502	.340	.360	-5.6
10066	502	.188	.198	-5.1	10113	501	.310	.340	-8.8	10150	503	.500	.550	-9.1
10066	503	.270	.300	-10.0	10113	502	.249	.260	-4.2	10151	501	10.700	11.800	-9.3
10070	501	.054	.055	-1.8	10113	503	.360	.400	-10.0	10151	502	8.630	9.120	-5.4
10070	502	.055	.053	3.8	10115	501	.610	.680	-10.3	10151	503	12.500	14.000	-10.7

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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
10160	501	1.900	2.110	-10.0	10352	503	.280	.290	-3.4	11127	502	.310	.290	6.9
10160	502	1.540	1.620	-4.9	10367	501	4.420	4.500	-1.8	11127	503	.230	.233	-1.3
10160	503	2.230	2.490	-10.4	10367	502	4.580	4.670	-1.9	11128	501	.410	.410	0.0
10204	501	.192	.213	-9.9	10367	503	4.910	5.010	-2.0	11128	502	.410	.400	2.5
10204	502	.155	.164	-5.5	10368	501	6.450	6.570	-1.8	11128	503	.310	.310	0.0
10204	503	.226	.250	-9.6	10368	502	6.690	6.820	-1.9	11138	501	.970	.940	3.2
10205	501	.214	.238	-10.1	10368	503	7.170	7.320	-2.0	11138	502	1.110	1.030	7.8
10205	502	.173	.183	-5.5	10378	501	3.920	3.810	2.9	11138	503	1.210	1.180	2.5
10205	503	.250	.280	-10.7	10378	502	4.510	4.170	8.2	11155	501	.183	.203	-9.9
10220	501	4.030	4.480	-10.0	10378	503	4.920	4.790	2.7	11155	502	.148	.156	-5.1
10220	502	3.260	3.450	-5.5	10379	501	1.820	1.770	2.8	11155	503	.215	.239	-10.0
10220	503	4.740	5.280	-10.2	10379	502	2.090	1.940	7.7	11167	501	.620	.630	-1.6
10255	501	.223	.227	-1.8	10379	503	2.280	2.230	2.2	11167	502	.580	.560	3.6
10255	502	.224	.229	-2.2	10380	501	3.110	3.020	3.0	11167	503	.360	.370	-2.7
10255	503	.164	.168	-2.4	10380	502	3.570	3.310	7.9	11168	501	3.200	3.290	-2.7
10256	501	.820	.830	-1.2	10380	503	3.900	3.800	2.6	11168	502	3.020	2.920	3.4
10256	502	.820	.840	-2.4	10381	501	2.690	2.620	2.7	11168	503	1.860	1.900	-2.1
10256	503	.600	.610	-1.6	10381	502	3.100	2.870	8.0	11201	501	16.400	16.700	-1.8
10257	501	.154	.157	-1.9	10381	503	3.370	3.290	2.4	11201	502	17.000	17.400	-2.3
10257	502	.155	.158	-1.9	11007	501	1.880	1.910	-1.6	11201	503	18.300	18.700	-2.1
10257	503	.113	.116	-2.6	11007	502	1.950	1.990	-2.0	11202	501	4.860	4.950	-1.8
10309	501	.138	.154	-10.4	11007	503	2.090	2.130	-1.9	11202	502	5.040	5.140	-1.9
10309	502	.112	.118	-5.1	11020	501	.260	.290	-10.3	11202	503	5.400	5.520	-2.2
10309	503	.163	.181	-9.9	11020	502	.209	.221	-5.4	11203	501	.700	.710	-1.4
10315	501	.330	.360	-8.3	11020	503	.300	.340	-11.8	11203	502	.710	.680	4.4
10315	502	.260	.280	-7.1	11039	501	.810	.830	-2.4	11203	503	.530	.540	-1.9
10315	503	.380	.430	-11.6	11039	502	.820	.840	-2.4	11204	501	.270	.300	-10.0
10331	501	3.870	3.760	2.9	11039	503	.600	.610	-1.6	11204	502	.216	.229	-5.7
10331	502	4.450	4.120	8.0	11052	501	2.680	2.750	-2.5	11204	503	.310	.350	-11.4
10331	503	4.860	4.730	2.7	11052	502	2.520	2.450	2.9	11206	501	.760	.780	-2.6
10332	501	6.680	6.490	2.9	11052	503	1.550	1.590	-2.5	11206	502	.790	.810	-2.5
10332	502	7.680	7.110	8.0	11126	501	.054	.059	-8.5	11206	503	.850	.870	-2.3
10332	503	8.370	8.170	2.4	11126	502	.043	.046	-6.5	11207	501	9.630	9.800	-1.7
10352	501	.181	.187	-3.2	11126	503	.063	.070	-10.0	11207	502	9.980	10.200	-2.2
10352	502	.238	.231	3.0	11127	501	.300	.310	-3.2	11207	503	10.700	10.900	-1.8

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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
11208	501	1.650	1.680	-1.8	11259	503	.630	.650	-3.1	12393	502	.280	.290	-3.4
11208	502	1.710	1.740	-1.7	11273	501	11.900	13.300	-10.5	12393	503	.400	.450	-11.1
11208	503	1.830	1.870	-2.1	11273	502	9.660	10.200	-5.3	12467	501	.143	.158	-9.5
11209	501	7.750	7.890	-1.8	11273	503	14.000	15.600	-10.3	12467	502	.115	.122	-5.7
11209	502	8.040	8.200	-2.0	11274	501	11.500	12.700	-9.4	12467	503	.168	.187	-10.2
11209	503	8.610	8.800	-2.2	11274	502	9.270	9.800	-5.4	12509	501	.056	.057	-1.8
11210	501	3.300	3.360	-1.8	11274	503	13.500	15.000	-10.0	12509	502	.056	.057	-1.8
11210	502	3.420	3.490	-2.0	11288	501	.460	.470	-2.1	12509	503	.041	.042	-2.4
11210	503	3.670	3.750	-2.1	11288	502	.600	.590	1.7	12510	501	.710	.720	-1.4
11211	501	17.100	17.500	-2.3	11288	503	.720	.740	-2.7	12510	502	.710	.730	-2.7
11211	502	17.800	18.100	-1.7	12014	501	.092	.093	-1.1	12510	503	.520	.530	-1.9
11211	503	19.100	19.500	-2.1	12014	502	.092	.094	-2.1	12583	501	.310	.320	-3.1
11212	501	2.590	2.640	-1.9	12014	503	.067	.069	-2.9	12583	502	.320	.320	0.0
11212	502	2.690	2.740	-1.8	12356	501	1.010	1.120	-9.8	12583	503	.232	.237	-2.1
11212	503	2.880	2.940	-2.0	12356	502	.820	.870	-5.7	12651	501	.920	.930	-1.1
11213	501	2.120	2.160	-1.9	12356	503	1.190	1.330	-10.5	12651	502	.920	.940	-2.1
11213	502	2.200	2.240	-1.8	12361	501	.035	.037	-5.4	12651	503	.680	.690	-1.4
11213	503	2.350	2.400	-2.1	12361	502	.076	.077	-1.3	12683	501	.420	.430	-2.3
11214	501	5.210	5.310	-1.9	12361	503	.052	.055	-5.5	12683	502	.420	.430	-2.3
11214	502	5.410	5.510	-1.8	12362	501	.059	.060	-1.7	12683	503	.310	.320	-3.1
11214	503	5.790	5.920	-2.2	12362	502	.060	.058	3.4	12707	501	.390	.400	-2.5
11222	501	.088	.089	-1.1	12362	503	.045	.046	-2.2	12707	502	.400	.380	5.3
11222	502	.091	.093	-2.2	12373	501	.023	.023	0.0	12707	503	.300	.300	0.0
11222	503	.097	.099	-2.0	12373	502	.023	.022	4.5	12797	501	.082	.083	-1.2
11234	501	.241	.270	-10.7	12373	503	.017	.017	0.0	12797	502	.083	.080	3.7
11234	502	.195	.206	-5.3	12374	501	.530	.580	-8.6	12797	503	.063	.063	0.0
11234	503	.280	.320	-12.5	12374	502	.430	.450	-4.4	12805	501	.280	.310	-9.7
11248	501	.042	.043	-2.3	12374	503	.620	.690	-10.1	12805	502	.224	.236	-5.1
11248	502	.043	.044	-2.3	12375	501	.260	.290	-10.3	12805	503	.330	.360	-8.3
11248	503	.031	.032	-3.1	12375	502	.209	.221	-5.4	12841	501	.460	.510	-9.8
11258	501	.370	.390	-5.1	12375	503	.300	.340	-11.8	12841	502	.370	.390	-5.1
11258	502	.490	.480	2.1	12391	501	.044	.045	-2.2	12841	503	.540	.600	-10.0
11258	503	.590	.610	-3.3	12391	502	.045	.043	4.7	12927	501	.080	.089	-10.1
11259	501	.400	.410	-2.4	12391	503	.034	.034	0.0	12927	502	.065	.069	-5.8
11259	502	.530	.510	3.9	12393	501	.340	.380	-10.5	12927	503	.094	.105	-10.5

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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
13049	501	.018	.019	-5.3	13453	503	.370	.380	-2.6	13759	502	.123	.130	-5.4
13049	502	.040	.040	0.0	13454	501	.580	.600	-3.3	13759	503	.178	.198	-10.1
13049	503	.027	.029	-6.9	13454	502	.590	.600	-1.7	13930	501	.126	.128	-1.6
13111	501	.350	.360	-2.8	13454	503	.430	.440	-2.3	13930	502	.129	.123	4.9
13111	502	.460	.440	4.5	13455	501	.590	.600	-1.7	13930	503	.097	.098	-1.0
13111	503	.550	.560	-1.8	13455	502	.600	.610	-1.6	14068	501	.033	.037	-10.8
13112	501	.030	.032	-6.3	13455	503	.440	.450	-2.2	14068	502	.027	.029	-6.9
13112	502	.065	.066	-1.5	13506	501	.790	.870	-9.2	14068	503	.039	.044	-11.4
13112	503	.044	.047	-6.4	13506	502	.630	.670	-6.0	14101	501	.390	.440	-11.4
13201	501	.810	.820	-1.2	13506	503	.920	1.030	-10.7	14101	502	.320	.340	-5.9
13201	502	.810	.830	-2.4	13507	501	.950	1.050	-9.5	14101	503	.460	.510	-9.8
13201	503	.600	.610	-1.6	13507	502	.760	.810	-6.2	14279	501	.430	.430	0.0
13204	501	.920	.930	-1.1	13507	503	1.110	1.240	-10.5	14279	502	.430	.440	-2.3
13204	502	.920	.940	-2.1	13590	501	.440	.450	-2.2	14279	503	.310	.320	-3.1
13204	503	.680	.690	-1.4	13590	502	.440	.450	-2.2	14401	501	.380	.390	-2.6
13205	501	.350	.360	-2.8	13590	503	.330	.330	0.0	14401	502	.500	.480	4.2
13205	502	.350	.360	-2.8	13621	501	.112	.114	-1.8	14401	503	.590	.610	-3.3
13205	503	.260	.270	-3.7	13621	502	.112	.115	-2.6	14405	501	1.100	1.120	-1.8
13314	501	.103	.114	-9.6	13621	503	.082	.084	-2.4	14405	502	1.140	1.170	-2.6
13314	502	.083	.088	-5.7	13670	501	.019	.021	-9.5	14405	503	1.230	1.250	-1.6
13314	503	.121	.134	-9.7	13670	502	.043	.043	0.0	14527	501	.241	.245	-1.6
13351	501	.250	.280	-10.7	13670	503	.029	.031	-6.5	14527	502	.246	.236	4.2
13351	502	.202	.214	-5.6	13673	501	.280	.290	-3.4	14527	503	.185	.187	-1.1
13351	503	.290	.330	-12.1	13673	502	.370	.360	2.8	14655	501	.076	.084	-9.5
13352	501	.250	.280	-10.7	13673	503	.450	.460	-2.2	14655	502	.061	.065	-6.2
13352	502	.206	.217	-5.1	13715	501	.059	.060	-1.7	14655	503	.089	.099	-10.1
13352	503	.300	.330	-9.1	13715	502	.060	.058	3.4	14731	501	2.660	2.730	-2.6
13410	501	1.280	1.310	-2.3	13715	503	.045	.046	-2.2	14731	502	2.500	2.430	2.9
13410	502	1.290	1.320	-2.3	13716	501	.390	.430	-9.3	14731	503	1.540	1.580	-2.5
13410	503	.940	.960	-2.1	13716	502	.310	.330	-6.1	14732	501	.197	.202	-2.5
13412	501	.430	.440	-2.3	13716	503	.460	.510	-9.8	14732	502	.185	.180	2.8
13412	502	.430	.440	-2.3	13720	501	.159	.165	-3.6	14732	503	.114	.117	-2.6
13412	503	.320	.330	-3.0	13720	502	.210	.204	2.9	14733	501	.530	.590	-10.2
13453	501	.500	.510	-2.0	13720	503	.250	.260	-3.8	14733	502	.430	.450	-4.4
13453	502	.500	.510	-2.0	13759	501	.152	.168	-9.5	14733	503	.620	.690	-10.1

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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
14734	501	.227	.250	-9.2	15314	503	.215	.239	-10.0	15839	502	.198	.210	-5.7
14734	502	.184	.195	-5.6	15404	501	.080	.082	-2.4	15839	503	.290	.320	-9.4
14734	503	.270	.300	-10.0	15404	502	.081	.083	-2.4	15991	501	.201	.223	-9.9
14855	501	.196	.200	-2.0	15404	503	.059	.060	-1.7	15991	502	.162	.172	-5.8
14855	502	.197	.202	-2.5	15405	501	.118	.120	-1.7	15991	503	.236	.260	-9.2
14855	503	.145	.148	-2.0	15405	502	.119	.122	-2.5	15993	501	.170	.188	-9.6
14913	501	.290	.320	-9.4	15405	503	.087	.089	-2.2	15993	502	.137	.145	-5.5
14913	502	.231	.244	-5.3	15406	501	.300	.310	-3.2	15993	503	.199	.222	-10.4
14913	503	.340	.370	-8.1	15406	502	.300	.310	-3.2	16005	501	.031	.032	-3.1
15062	501	.176	.179	-1.7	15406	503	.222	.227	-2.2	16005	502	.032	.031	3.2
15062	502	.177	.181	-2.2	15488	501	.750	.770	-2.6	16005	503	.024	.024	0.0
15062	503	.130	.133	-2.3	15488	502	.760	.770	-1.3	16009	501	.241	.245	-1.6
15063	501	.205	.209	-1.9	15488	503	.550	.570	-3.5	16009	502	.242	.248	-2.4
15063	502	.206	.211	-2.4	15538	501	.330	.360	-8.3	16009	503	.177	.181	-2.2
15063	503	.151	.154	-1.9	15538	502	.260	.280	-7.1	16402	501	1.210	1.350	-10.4
15070	501	.148	.151	-2.0	15538	503	.380	.430	-11.6	16402	502	.980	1.040	-5.8
15070	502	.153	.156	-1.9	15600	501	.820	.910	-9.9	16402	503	1.430	1.590	-10.1
15070	503	.164	.168	-2.4	15600	502	.660	.700	-5.7	16403	501	.770	.850	-9.4
15123	501	2.570	2.640	-2.7	15600	503	.970	1.070	-9.3	16403	502	.620	.660	-6.1
15123	502	2.420	2.350	3.0	15607	501	.193	.197	-2.0	16403	503	.900	1.000	-10.0
15123	503	1.490	1.530	-2.6	15607	502	.201	.205	-2.0	16404	501	.970	1.070	-9.3
15124	501	.900	.920	-2.2	15607	503	.215	.220	-2.3	16404	502	.780	.830	-6.0
15124	502	.850	.820	3.7	15608	501	.183	.203	-9.9	16404	503	1.140	1.270	-10.2
15124	503	.520	.530	-1.9	15608	502	.148	.156	-5.1	16471	501	.270	.280	-3.6
15188	501	.310	.320	-3.1	15608	503	.215	.239	-10.0	16471	502	.280	.290	-3.4
15188	502	.310	.320	-3.1	15656	501	5.400	6.000	-10.0	16471	503	.300	.310	-3.2
15188	503	.228	.233	-2.1	15656	502	4.370	4.620	-5.4	16501	501	.066	.068	-2.9
15223	501	.023	.025	-8.0	15656	503	6.350	7.070	-10.2	16501	502	.068	.065	4.6
15223	502	.050	.051	-2.0	15699	501	.480	.490	-2.0	16501	503	.051	.051	0.0
15223	503	.034	.036	-5.6	15699	502	.500	.510	-2.0	16527	501	.102	.104	-1.9
15224	501	.168	.175	-4.0	15699	503	.530	.540	-1.9	16527	502	.104	.100	4.0
15224	502	.222	.216	2.8	15733	501	.196	.200	-2.0	16527	503	.078	.079	-1.3
15224	503	.270	.270	0.0	15733	502	.197	.202	-2.5	16588	501	.112	.114	-1.8
15314	501	.183	.203	-9.9	15733	503	.145	.148	-2.0	16588	502	.112	.115	-2.6
15314	502	.148	.156	-5.1	15839	501	.245	.270	-9.3	16588	503	.082	.084	-2.4

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LOSS COST % CHANGE BY CLASS

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16604	501	.188	.191	-1.6	16891	503	.100	.102	-2.0	16921	502	1.700	1.720	-1.2
16604	502	.188	.193	-2.6	16892	501	.248	.250	-0.8	16921	503	1.700	1.820	-6.6
16604	503	.138	.141	-2.1	16892	502	.249	.250	-0.4	16930	501	1.050	1.120	-6.3
16670	501	1.610	1.560	3.2	16892	503	.182	.186	-2.2	16930	502	1.070	1.080	-0.9
16670	502	1.850	1.710	8.2	16900	501	1.330	1.420	-6.3	16930	503	1.070	1.140	-6.1
16670	503	2.010	1.960	2.6	16900	502	1.370	1.380	-0.7	16931	501	1.130	1.210	-6.6
16676	501	.250	.280	-10.7	16900	503	1.360	1.460	-6.8	16931	502	1.160	1.170	-0.9
16676	502	.206	.217	-5.1	16901	501	.860	.910	-5.5	16931	503	1.150	1.230	-6.5
16676	503	.300	.330	-9.1	16901	502	.880	.880	0.0	16940	501	2.270	2.430	-6.6
16694	501	.370	.380	-2.6	16901	503	.870	.930	-6.5	16940	502	2.330	2.350	-0.9
16694	502	.370	.380	-2.6	16902	501	.730	.770	-5.2	16940	503	2.320	2.480	-6.5
16694	503	.270	.280	-3.6	16902	502	.740	.750	-1.3	16941	501	.910	.970	-6.2
16705	501	.189	.192	-1.6	16902	503	.740	.790	-6.3	16941	502	.930	.940	-1.1
16705	502	.193	.185	4.3	16905	501	1.400	1.500	-6.7	16941	503	.930	.990	-6.1
16705	503	.145	.146	-0.7	16905	502	1.440	1.450	-0.7	18078	501	.107	.109	-1.8
16750	501	.089	.099	-10.1	16905	503	1.430	1.530	-6.5	18078	502	.109	.105	3.8
16750	502	.072	.076	-5.3	16906	501	.900	.960	-6.3	18078	503	.082	.083	-1.2
16750	503	.105	.117	-10.3	16906	502	.920	.930	-1.1	18109	501	.330	.370	-10.8
16751	501	.089	.099	-10.1	16906	503	.920	.980	-6.1	18109	502	.270	.290	-6.9
16751	502	.072	.076	-5.3	16910	501	.800	.850	-5.9	18109	503	.390	.440	-11.4
16751	503	.105	.117	-10.3	16910	502	.820	.830	-1.2	18110	501	.270	.300	-10.0
16819	501	1.070	1.090	-1.8	16910	503	.820	.870	-5.7	18110	502	.216	.229	-5.7
16819	502	1.070	1.100	-2.7	16911	501	.730	.770	-5.2	18110	503	.310	.350	-11.4
16819	503	.790	.800	-1.2	16911	502	.740	.750	-1.3	18205	501	.166	.168	-1.2
16820	501	.830	.840	-1.2	16911	503	.740	.790	-6.3	18205	502	.168	.162	3.7
16820	502	.830	.850	-2.4	16915	501	.820	.880	-6.8	18205	503	.127	.128	-0.8
16820	503	.610	.620	-1.6	16915	502	.840	.850	-1.2	18206	501	.430	.480	-10.4
16881	501	1.400	1.550	-9.7	16915	503	.840	.900	-6.7	18206	502	.350	.370	-5.4
16881	502	1.130	1.190	-5.0	16916	501	.680	.730	-6.8	18206	503	.510	.570	-10.5
16881	503	1.640	1.830	-10.4	16916	502	.700	.710	-1.4	18335	501	.310	.350	-11.4
16890	501	.125	.127	-1.6	16916	503	.700	.750	-6.7	18335	502	.250	.270	-7.4
16890	502	.126	.128	-1.6	16920	501	1.820	1.940	-6.2	18335	503	.370	.410	-9.8
16890	503	.092	.094	-2.1	16920	502	1.860	1.880	-1.1	18435	501	.330	.340	-2.9
16891	501	.136	.139	-2.2	16920	503	1.860	1.990	-6.5	18435	502	.430	.420	2.4
16891	502	.137	.140	-2.1	16921	501	1.660	1.780	-6.7	18435	503	.520	.530	-1.9

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18436	501	.260	.270	-3.7	18834	503	.300	.330	-9.1	40061	502	1.370	1.270	7.9
18436	502	.350	.340	2.9	18911	501	.800	.890	-10.1	40061	503	1.490	1.460	2.1
18436	503	.420	.430	-2.3	18911	502	.650	.690	-5.8	40063	501	39.900	38.700	3.1
18437	501	.450	.500	-10.0	18911	503	.940	1.050	-10.5	40063	502	45.800	42.400	8.0
18437	502	.360	.380	-5.3	18912	501	1.510	1.680	-10.1	40063	503	50.000	48.700	2.7
18437	503	.520	.580	-10.3	18912	502	1.220	1.290	-5.4	40064	501	11.700	11.400	2.6
18438	501	.860	.950	-9.5	18912	503	1.780	1.980	-10.1	40064	502	13.500	12.500	8.0
18438	502	.690	.730	-5.5	18920	501	.390	.440	-11.4	40064	503	14.700	14.300	2.8
18438	503	1.010	1.120	-9.8	18920	502	.320	.340	-5.9	40075	501	48.200	48.600	-0.8
18501	501	.300	.310	-3.2	18920	503	.460	.510	-9.8	40075	502	22.400	21.500	4.2
18501	502	.400	.390	2.6	19007	501	1.010	1.030	-1.9	40075	503	18.700	18.900	-1.1
18501	503	.470	.490	-4.1	19007	502	.950	.920	3.3	40101	501	3.300	3.300	0.0
18506	501	.390	.400	-2.5	19007	503	.580	.600	-3.3	40101	502	3.470	3.230	7.4
18506	502	.390	.400	-2.5	19051	501	2.230	2.290	-2.6	40101	503	7.080	7.050	0.4
18506	503	.290	.300	-3.3	19051	502	2.100	2.030	3.4	40102	501	2.910	2.920	-0.3
18507	501	.161	.178	-9.6	19051	503	1.290	1.320	-2.3	40102	502	3.070	2.850	7.7
18507	502	.130	.137	-5.1	19795	501	.260	.290	-10.3	40102	503	6.260	6.230	0.5
18507	503	.189	.210	-10.0	19795	502	.213	.225	-5.3	40111	501	3.160	3.070	2.9
18570	501	1.680	1.860	-9.7	19795	503	.310	.340	-8.8	40111	502	3.630	3.360	8.0
18570	502	1.360	1.430	-4.9	19796	501	.310	.340	-8.8	40111	503	3.960	3.860	2.6
18570	503	1.970	2.190	-10.0	19796	502	.249	.260	-4.2	41001	501	.107	.103	3.9
18616	501	.300	.300	0.0	19796	503	.360	.400	-10.0	41001	502	.122	.113	8.0
18616	502	.300	.310	-3.2	40045	501	89.000	86.500	2.9	41001	503	.134	.130	3.1
18616	503	.220	.225	-2.2	40045	502	102.000	94.800	7.6	41421	501	.280	.300	-6.7
18707	501	.009	.009	0.0	40045	503	112.000	109.000	2.8	41421	502	.242	.246	-1.6
18707	502	.009	.009	0.0	40046	501	17.600	17.100	2.9	41421	503	.214	.229	-6.6
18707	503	.007	.007	0.0	40046	502	20.200	18.700	8.0	41422	501	.148	.159	-6.9
18708	501	.098	.109	-10.1	40046	503	22.100	21.500	2.8	41422	502	.129	.131	-1.5
18708	502	.079	.084	-6.0	40047	501	6.280	6.100	3.0	41422	503	.114	.122	-6.6
18708	503	.115	.128	-10.2	40047	502	7.220	6.680	8.1	41510	501	40.400	44.800	-9.8
18833	501	.106	.108	-1.9	40047	503	7.870	7.670	2.6	41510	502	32.600	34.500	-5.5
18833	502	.108	.104	3.8	40059	501	2.250	2.180	3.2	41510	503	47.500	52.800	-10.0
18833	503	.081	.082	-1.2	40059	502	2.580	2.390	7.9	41603	501	13.200	14.100	-6.4
18834	501	.250	.280	-10.7	40059	503	2.820	2.750	2.5	41603	502	11.500	11.600	-0.9
18834	502	.206	.217	-5.1	40061	501	1.190	1.160	2.6	41603	503	10.100	10.900	-7.3

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LOSS COST % CHANGE BY CLASS

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41604	501	7.230	7.730	-6.5	41680	503	7.420	7.950	-6.7	43550	502	41.400	39.700	4.3
41604	502	6.300	6.390	-1.4	41696	501	.900	.920	-2.2	43550	503	34.600	35.000	-1.1
41604	503	5.570	5.970	-6.7	41696	502	.930	.950	-2.1	43551	501	49.400	49.900	-1.0
41620	501	1.380	1.400	-1.4	41696	503	1.000	1.020	-2.0	43551	502	23.000	22.000	4.5
41620	502	1.430	1.460	-2.1	41697	501	.630	.640	-1.6	43551	503	19.200	19.400	-1.0
41620	503	1.530	1.560	-1.9	41697	502	.650	.660	-1.5	43626	501	4.620	4.490	2.9
41650	501	18.500	19.800	-6.6	41697	503	.700	.710	-1.4	43626	502	5.310	4.920	7.9
41650	502	16.200	16.400	-1.2	41715	501	6.120	6.540	-6.4	43626	503	5.790	5.650	2.5
41650	503	14.300	15.300	-6.5	41715	502	5.330	5.410	-1.5	43628	501	60.000	58.300	2.9
41664	501	13.500	13.100	3.1	41715	503	4.710	5.050	-6.7	43628	502	69.000	63.900	8.0
41664	502	15.500	14.300	8.4	41716	501	3.890	4.160	-6.5	43628	503	75.200	73.400	2.5
41664	503	16.900	16.500	2.4	41716	502	3.390	3.440	-1.5	43629	501	50.900	49.400	3.0
41665	501	1.580	1.530	3.3	41716	503	3.000	3.210	-6.5	43629	502	58.500	54.100	8.1
41665	502	1.820	1.680	8.3	43151	501	24.000	24.200	-0.8	43629	503	63.800	62.200	2.6
41665	503	1.980	1.930	2.6	43151	502	11.100	10.700	3.7	43760	501	1.690	1.650	2.4
41667	501	36.800	35.800	2.8	43151	503	9.300	9.390	-1.0	43760	502	1.950	1.800	8.3
41667	502	42.400	39.200	8.2	43152	501	12.700	13.200	-3.8	43760	503	2.120	2.070	2.4
41667	503	46.200	45.000	2.7	43152	502	10.100	9.940	1.6	43822	501	4.170	4.240	-1.7
41668	501	34.500	33.600	2.7	43152	503	11.300	11.800	-4.2	43822	502	4.320	4.400	-1.8
41668	502	39.700	36.800	7.9	43200	501	91.200	92.000	-0.9	43822	503	4.630	4.730	-2.1
41668	503	43.300	42.200	2.6	43200	502	42.400	40.600	4.4	43840	501	.051	.052	-1.9
41669	501	.242	.235	3.0	43200	503	35.400	35.800	-1.1	43840	502	.053	.054	-1.9
41669	502	.280	.260	7.7	43421	501	25.000	25.200	-0.8	43840	503	.057	.058	-1.7
41669	503	.300	.300	0.0	43421	502	11.600	11.100	4.5	43860	501	3.280	3.340	-1.8
41670	501	.410	.400	2.5	43421	503	9.700	9.800	-1.0	43860	502	3.400	3.470	-2.0
41670	502	.470	.430	9.3	43422	501	131.000	132.000	-0.8	43860	503	3.640	3.720	-2.2
41670	503	.510	.500	2.0	43422	502	61.000	58.400	4.5	43889	501	1.170	1.190	-1.7
41677	501	.280	.290	-3.4	43422	503	50.900	51.400	-1.0	43889	502	1.220	1.240	-1.6
41677	502	.300	.300	0.0	43470	501	5.230	5.330	-1.9	43889	503	1.300	1.330	-2.3
41677	503	.320	.320	0.0	43470	502	5.430	5.540	-2.0	44009	501	3.130	3.210	-2.5
41678	501	42.300	43.900	-3.6	43470	503	5.820	5.940	-2.0	44009	502	2.950	2.860	3.1
41678	502	33.600	33.200	1.2	43518	501	5.780	5.620	2.8	44009	503	1.810	1.860	-2.7
41678	503	37.800	39.400	-4.1	43518	502	6.650	6.150	8.1	44069	501	4.940	4.800	2.9
41680	501	9.640	10.300	-6.4	43518	503	7.250	7.070	2.5	44069	502	5.680	5.260	8.0
41680	502	8.400	8.520	-1.4	43550	501	89.100	89.900	-0.9	44069	503	6.190	6.040	2.5

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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
44070	501	1.460	1.420	2.8	44111	503	1.240	1.330	-6.8	44432	502	.133	.124	7.3
44070	502	1.680	1.560	7.7	44112	501	.640	.690	-7.2	44432	503	.270	.270	0.0
44070	503	1.830	1.790	2.2	44112	502	.620	.630	-1.6	44433	501	4.030	4.030	0.0
44071	501	1.630	1.580	3.2	44112	503	.730	.790	-7.6	44433	502	4.240	3.940	7.6
44071	502	1.870	1.730	8.1	44276	501	122.000	123.000	-0.8	44433	503	8.660	8.620	0.5
44071	503	2.040	1.990	2.5	44276	502	56.900	54.500	4.4	44434	501	7.710	7.720	-0.1
44072	501	1.120	1.090	2.8	44276	503	47.500	48.000	-1.0	44434	502	8.120	7.540	7.7
44072	502	1.290	1.200	7.5	44277	501	79.300	80.000	-0.9	44434	503	16.600	16.500	0.6
44072	503	1.410	1.370	2.9	44277	502	36.900	35.300	4.5	44435	501	7.990	7.990	0.0
44100	501	1.930	2.070	-6.8	44277	503	30.800	31.100	-1.0	44435	502	8.410	7.810	7.7
44100	502	1.860	1.900	-2.1	44280	501	.280	.290	-3.4	44435	503	17.100	17.100	0.0
44100	503	2.200	2.360	-6.8	44280	502	.300	.300	0.0	44436	501	9.330	9.330	0.0
44101	501	2.010	2.160	-6.9	44280	503	.320	.320	0.0	44436	502	9.820	9.120	7.7
44101	502	1.940	1.980	-2.0	44311	501	2.980	2.900	2.8	44436	503	20.000	19.900	0.5
44101	503	2.290	2.460	-6.9	44311	502	3.430	3.170	8.2	44437	501	7.730	7.730	0.0
44102	501	1.570	1.680	-6.5	44311	503	3.740	3.650	2.5	44437	502	8.140	7.560	7.7
44102	502	1.520	1.540	-1.3	44315	501	2.000	1.950	2.6	44437	503	16.600	16.500	0.6
44102	503	1.790	1.920	-6.8	44315	502	2.310	2.130	8.5	44438	501	6.110	6.110	0.0
44103	501	1.390	1.490	-6.7	44315	503	2.510	2.450	2.4	44438	502	6.430	5.980	7.5
44103	502	1.340	1.360	-1.5	44427	501	11.900	11.900	0.0	44438	503	13.100	13.100	0.0
44103	503	1.580	1.700	-7.1	44427	502	12.600	11.700	7.7	44439	501	11.900	11.900	0.0
44104	501	.580	.630	-7.9	44427	503	25.600	25.500	0.4	44439	502	12.500	11.600	7.8
44104	502	.560	.570	-1.8	44428	501	12.000	12.000	0.0	44439	503	25.500	25.400	0.4
44104	503	.660	.710	-7.0	44428	502	12.600	11.700	7.7	44440	501	9.840	9.840	0.0
44108	501	.680	.730	-6.8	44428	503	25.800	25.600	0.8	44440	502	10.400	9.620	8.1
44108	502	.660	.670	-1.5	44429	501	.180	.180	0.0	44440	503	21.100	21.000	0.5
44108	503	.780	.840	-7.1	44429	502	.189	.176	7.4	45190	501	1.810	1.640	10.4
44109	501	1.730	1.860	-7.0	44429	503	.390	.380	2.6	45190	502	1.690	1.450	16.6
44109	502	1.670	1.700	-1.8	44430	501	.125	.125	0.0	45190	503	1.890	1.710	10.5
44109	503	1.970	2.120	-7.1	44430	502	.132	.122	8.2	45191	501	1.290	1.160	11.2
44110	501	1.770	1.900	-6.8	44430	503	.270	.270	0.0	45191	502	1.200	1.030	16.5
44110	502	1.710	1.740	-1.7	44431	501	.400	.400	0.0	45191	503	1.340	1.220	9.8
44110	503	2.010	2.170	-7.4	44431	502	.420	.390	7.7	45192	501	1.500	1.360	10.3
44111	501	1.090	1.170	-6.8	44431	503	.860	.850	1.2	45192	502	1.400	1.200	16.7
44111	502	1.050	1.070	-1.9	44432	501	.127	.127	0.0	45192	503	1.570	1.420	10.6

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LOSS COST % CHANGE BY CLASS

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45193	501	.890	.800	11.2	46004	503	13.600	14.500	-6.2	46700	502	85.300	81.700	4.4
45193	502	.830	.710	16.9	46005	501	14.100	15.100	-6.6	46700	503	71.200	71.900	-1.0
45193	503	.930	.840	10.7	46005	502	12.300	12.500	-1.6	46911	501	9.140	8.880	2.9
45210	501	1.120	1.020	9.8	46005	503	10.800	11.600	-6.9	46911	502	10.500	9.730	7.9
45210	502	1.050	.900	16.7	46112	501	.013	.013	0.0	46911	503	11.500	11.200	2.7
45210	503	1.170	1.060	10.4	46112	502	.014	.013	7.7	46912	501	16.700	16.300	2.5
45334	501	52.500	53.000	-0.9	46112	503	.028	.028	0.0	46912	502	19.300	17.800	8.4
45334	502	24.400	23.400	4.3	46202	501	2.300	2.080	10.6	46912	503	21.000	20.500	2.4
45334	503	20.400	20.600	-1.0	46202	502	2.150	1.840	16.8	47050	501	1.140	1.160	-1.7
45380	501	.230	.234	-1.7	46202	503	2.400	2.170	10.6	47050	502	1.180	1.200	-1.7
45380	502	.231	.236	-2.1	46362	501	148.000	153.000	-3.3	47050	503	1.260	1.290	-2.3
45380	503	.169	.173	-2.3	46362	502	117.000	116.000	0.9	47221	501	201.000	203.000	-1.0
45450	501	15.500	15.600	-0.6	46362	503	132.000	138.000	-4.3	47221	502	93.600	89.600	4.5
45450	502	7.190	6.880	4.5	46426	501	21.600	22.400	-3.6	47221	503	78.100	78.900	-1.0
45450	503	6.000	6.060	-1.0	46426	502	17.100	16.900	1.2	47318	501	3.760	3.650	3.0
45678	501	.310	.310	0.0	46426	503	19.300	20.100	-4.0	47318	502	4.320	4.000	8.0
45678	502	.320	.320	0.0	46427	501	28.800	29.900	-3.7	47318	503	4.710	4.590	2.6
45678	503	.340	.350	-2.9	46427	502	22.900	22.600	1.3	47367	501	.280	.290	-3.4
45771	501	.350	.360	-2.8	46427	503	25.800	26.800	-3.7	47367	502	.300	.300	0.0
45771	502	.350	.360	-2.8	46603	501	1.810	1.880	-3.7	47367	503	.320	.320	0.0
45771	503	.260	.260	0.0	46603	502	1.440	1.420	1.4	47420	501	.820	.800	2.5
45819	501	.114	.116	-1.7	46603	503	1.620	1.690	-4.1	47420	502	.950	.880	8.0
45819	502	.114	.117	-2.6	46604	501	2.090	2.170	-3.7	47420	503	1.030	1.010	2.0
45819	503	.084	.086	-2.3	46604	502	1.660	1.640	1.2	47469	501	2.780	2.970	-6.4
45900	501	.094	.104	-9.6	46604	503	1.870	1.940	-3.6	47469	502	2.420	2.460	-1.6
45900	502	.076	.080	-5.0	46606	501	5.570	5.780	-3.6	47469	503	2.140	2.290	-6.6
45900	503	.110	.123	-10.6	46606	502	4.420	4.370	1.1	47471	501	2.410	2.580	-6.6
45901	501	.080	.089	-10.1	46606	503	4.980	5.180	-3.9	47471	502	2.100	2.130	-1.4
45901	502	.065	.069	-5.8	46607	501	7.660	7.950	-3.6	47471	503	1.860	1.990	-6.5
45901	503	.094	.105	-10.5	46607	502	6.080	6.010	1.2	47473	501	3.150	3.370	-6.5
45937	501	.206	.208	-1.0	46607	503	6.840	7.130	-4.1	47473	502	2.750	2.790	-1.4
45937	502	.096	.092	4.3	46622	501	12.200	12.400	-1.6	47473	503	2.430	2.600	-6.5
45937	503	.080	.081	-1.2	46622	502	12.600	12.900	-2.3	47474	501	3.520	3.770	-6.6
46004	501	17.600	18.800	-6.4	46622	503	13.500	13.800	-2.2	47474	502	3.070	3.110	-1.3
46004	502	15.300	15.600	-1.9	46700	501	183.000	185.000	-1.1	47474	503	2.710	2.910	-6.9

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47475	501	2.780	2.970	-6.4	48637	503	4.920	4.790	2.7	49333	502	5.270	5.050	4.4
47475	502	2.420	2.460	-1.6	48638	501	1.950	1.890	3.2	49333	503	4.400	4.440	-0.9
47475	503	2.140	2.290	-6.6	48638	502	2.240	2.070	8.2	49617	501	.212	.217	-2.3
47476	501	2.780	2.970	-6.4	48638	503	2.440	2.380	2.5	49617	502	.199	.193	3.1
47476	502	2.420	2.460	-1.6	48808	501	1.380	1.540	-10.4	49617	503	.123	.126	-2.4
47476	503	2.140	2.290	-6.6	48808	502	1.120	1.180	-5.1	49618	501	.178	.182	-2.2
47477	501	3.710	3.960	-6.3	48808	503	1.630	1.810	-9.9	49618	502	.167	.162	3.1
47477	502	3.230	3.280	-1.5	48925	501	93.900	91.200	3.0	49618	503	.103	.106	-2.8
47477	503	2.850	3.060	-6.9	48925	502	108.000	99.900	8.1	49619	501	.330	.340	-2.9
47478	501	3.890	4.160	-6.5	48925	503	118.000	115.000	2.6	49619	502	.310	.310	0.0
47478	502	3.390	3.440	-1.5	49005	501	.193	.197	-2.0	49619	503	.194	.198	-2.0
47478	503	3.000	3.210	-6.5	49005	502	.201	.205	-2.0	49763	501	2.170	2.230	-2.7
48039	501	64.600	65.200	-0.9	49005	503	.215	.220	-2.3	49763	502	2.040	1.980	3.0
48039	502	30.100	28.800	4.5	49111	501	2.110	2.350	-10.2	49763	503	1.260	1.290	-2.3
48039	503	25.100	25.400	-1.2	49111	502	1.710	1.810	-5.5	49801	501	177.000	179.000	-1.1
48206	501	12.200	11.900	2.5	49111	503	2.490	2.770	-10.1	49801	502	82.400	78.900	4.4
48206	502	14.100	13.000	8.5	49181	501	21.100	21.300	-0.9	49801	503	68.800	69.500	-1.0
48206	503	15.300	14.900	2.7	49181	502	9.820	9.410	4.4	49802	501	15.700	15.800	-0.6
48441	501	.051	.050	2.0	49181	503	8.200	8.280	-1.0	49802	502	7.310	7.000	4.4
48441	502	.059	.055	7.3	49183	501	25.800	26.000	-0.8	49802	503	6.100	6.160	-1.0
48441	503	.064	.063	1.6	49183	502	12.000	11.500	4.3	49803	501	27.800	28.100	-1.1
48557	501	5.130	4.990	2.8	49183	503	10.000	10.100	-1.0	49803	502	12.900	12.400	4.0
48557	502	5.900	5.460	8.1	49184	501	54.300	54.800	-0.9	49803	503	10.800	10.900	-0.9
48557	503	6.430	6.270	2.6	49184	502	25.300	24.200	4.5	49840	501	1.170	1.190	-1.7
48558	501	4.460	4.340	2.8	49184	503	21.100	21.300	-0.9	49840	502	1.220	1.240	-1.6
48558	502	5.130	4.750	8.0	49185	501	49.400	49.900	-1.0	49840	503	1.300	1.330	-2.3
48558	503	5.600	5.460	2.6	49185	502	23.000	22.000	4.5	49870	501	39.200	38.100	2.9
48600	501	43.100	44.800	-3.8	49185	503	19.200	19.400	-1.0	49870	502	45.100	41.800	7.9
48600	502	34.300	33.900	1.2	49239	501	.172	.175	-1.7	49870	503	49.200	47.900	2.7
48600	503	38.600	40.200	-4.0	49239	502	.173	.177	-2.3	50010	501	.108	.110	-1.8
48636	501	.910	.900	1.1	49239	503	.127	.129	-1.6	50010	502	.133	.135	-1.5
48636	502	1.230	1.230	0.0	49292	501	1.550	1.560	-0.6	50010	503	.148	.150	-1.3
48636	503	1.130	1.130	0.0	49292	502	.720	.690	4.3	50015	501	.071	.072	-1.4
48637	501	3.920	3.810	2.9	49292	503	.600	.610	-1.6	50015	502	.087	.088	-1.1
48637	502	4.510	4.170	8.2	49333	501	11.300	11.400	-0.9	50015	503	.096	.097	-1.0

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50017	501	.054	.055	-1.8	51221	503	.129	.129	0.0	51300	502	.051	.051	0.0
50017	502	.066	.067	-1.5	51222	501	.126	.125	0.8	51300	503	.072	.072	0.0
50017	503	.073	.074	-1.4	51222	502	.172	.171	0.6	51305	501	.065	.065	0.0
50045	501	.123	.125	-1.6	51222	503	.157	.157	0.0	51305	502	.051	.051	0.0
50045	502	.151	.153	-1.3	51224	501	.132	.131	0.8	51305	503	.072	.072	0.0
50045	503	.167	.169	-1.2	51224	502	.180	.179	0.6	51315	501	.112	.114	-1.8
50047	501	.014	.014	0.0	51224	503	.164	.164	0.0	51315	502	.112	.115	-2.6
50047	502	.017	.017	0.0	51230	501	.022	.022	0.0	51315	503	.082	.084	-2.4
50047	503	.019	.019	0.0	51230	502	.031	.030	3.3	51330	501	.055	.055	0.0
51001	501	.031	.031	0.0	51230	503	.028	.028	0.0	51330	502	.075	.075	0.0
51001	502	.042	.042	0.0	51240	501	.223	.227	-1.8	51330	503	.069	.069	0.0
51001	503	.039	.039	0.0	51240	502	.270	.280	-3.6	51333	501	.018	.018	0.0
51005	501	.006	.006	0.0	51240	503	.300	.310	-3.2	51333	502	.025	.025	0.0
51005	502	.009	.009	0.0	51241	501	.660	.670	-1.5	51333	503	.023	.023	0.0
51005	503	.008	.008	0.0	51241	502	.810	.820	-1.2	51340	501	.018	.019	-5.3
51116	501	.079	.078	1.3	51241	503	.900	.910	-1.1	51340	502	.022	.023	-4.3
51116	502	.107	.106	0.9	51250	501	.143	.142	0.7	51340	503	.025	.025	0.0
51116	503	.098	.098	0.0	51250	502	.195	.194	0.5	51350	501	.109	.109	0.0
51201	501	.019	.019	0.0	51250	503	.178	.178	0.0	51350	502	.086	.086	0.0
51201	502	.023	.023	0.0	51251	501	.019	.020	-5.0	51350	503	.121	.121	0.0
51201	503	.025	.026	-3.8	51251	502	.024	.024	0.0	51351	501	.098	.098	0.0
51205	501	.056	.057	-1.8	51251	503	.026	.026	0.0	51351	502	.077	.077	0.0
51205	502	.069	.070	-1.4	51252	501	.067	.068	-1.5	51351	503	.109	.108	0.9
51205	503	.077	.078	-1.3	51252	502	.083	.084	-1.2	51352	501	.134	.134	0.0
51206	501	.009	.009	0.0	51252	503	.092	.093	-1.1	51352	502	.106	.105	1.0
51206	502	.011	.011	0.0	51253	501	.057	.058	-1.7	51352	503	.149	.149	0.0
51206	503	.012	.012	0.0	51253	502	.070	.071	-1.4	51355	501	.091	.091	0.0
51210	501	.054	.054	0.0	51253	503	.078	.079	-1.3	51355	502	.072	.072	0.0
51210	502	.074	.074	0.0	51254	501	.018	.018	0.0	51355	503	.101	.101	0.0
51210	503	.068	.068	0.0	51254	502	.022	.022	0.0	51356	501	.098	.099	-1.0
51220	501	.187	.185	1.1	51254	503	.024	.025	-4.0	51356	502	.078	.077	1.3
51220	502	.250	.250	0.0	51255	501	.360	.360	0.0	51356	503	.109	.109	0.0
51220	503	.232	.232	0.0	51255	502	.490	.490	0.0	51357	501	.158	.161	-1.9
51221	501	.104	.103	1.0	51255	503	.450	.450	0.0	51357	502	.159	.163	-2.5
51221	502	.141	.140	0.7	51300	501	.065	.065	0.0	51357	503	.117	.119	-1.7

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51358	501	.380	.390	-2.6	51552	503	.042	.042	0.0	51741	502	.142	.144	-1.4
51358	502	.380	.390	-2.6	51553	501	.055	.055	0.0	51741	503	.158	.160	-1.3
51358	503	.280	.290	-3.4	51553	502	.067	.068	-1.5	51752	501	.098	.100	-2.0
51359	501	.330	.340	-2.9	51553	503	.074	.075	-1.3	51752	502	.120	.122	-1.6
51359	502	.340	.340	0.0	51554	501	.005	.005	0.0	51752	503	.133	.135	-1.5
51359	503	.246	.250	-1.6	51554	502	.006	.006	0.0	51767	501	.014	.014	0.0
51370	501	.218	.222	-1.8	51554	503	.007	.007	0.0	51767	502	.011	.011	0.0
51370	502	.270	.270	0.0	51575	501	.029	.029	0.0	51767	503	.015	.015	0.0
51370	503	.300	.300	0.0	51575	502	.023	.023	0.0	51777	501	.047	.047	0.0
51380	501	.022	.022	0.0	51575	503	.032	.032	0.0	51777	502	.037	.037	0.0
51380	502	.027	.027	0.0	51576	501	.098	.100	-2.0	51777	503	.052	.052	0.0
51380	503	.030	.030	0.0	51576	502	.120	.122	-1.6	51790	501	.078	.079	-1.3
51400	501	.130	.129	0.8	51576	503	.133	.135	-1.5	51790	502	.062	.062	0.0
51400	502	.176	.175	0.6	51600	501	.067	.068	-1.5	51790	503	.087	.087	0.0
51400	503	.161	.161	0.0	51600	502	.082	.083	-1.2	51796	501	.042	.043	-2.3
51401	501	.191	.189	1.1	51600	503	.091	.092	-1.1	51796	502	.052	.053	-1.9
51401	502	.260	.260	0.0	51613	501	.044	.045	-2.2	51796	503	.058	.058	0.0
51401	503	.237	.238	-0.4	51613	502	.054	.055	-1.8	51808	501	.150	.153	-2.0
51500	501	.041	.042	-2.4	51613	503	.060	.061	-1.6	51808	502	.184	.187	-1.6
51500	502	.051	.051	0.0	51625	501	.029	.028	3.6	51808	503	.205	.207	-1.0
51500	503	.056	.057	-1.8	51625	502	.039	.039	0.0	51809	501	.187	.190	-1.6
51516	501	.085	.087	-2.3	51625	503	.035	.035	0.0	51809	502	.229	.232	-1.3
51516	502	.089	.090	-1.1	51666	501	.046	.046	0.0	51809	503	.250	.260	-3.8
51516	503	.095	.097	-2.1	51666	502	.037	.036	2.8	51833	501	.071	.071	0.0
51517	501	.097	.099	-2.0	51666	503	.051	.051	0.0	51833	502	.056	.055	1.8
51517	502	.100	.102	-2.0	51702	501	.086	.085	1.2	51833	503	.078	.078	0.0
51517	503	.107	.110	-2.7	51702	502	.116	.116	0.0	51850	501	.134	.133	0.8
51550	501	.051	.052	-1.9	51702	503	.106	.106	0.0	51850	502	.182	.181	0.6
51550	502	.062	.063	-1.6	51703	501	.035	.035	0.0	51850	503	.166	.167	-0.6
51550	503	.069	.070	-1.4	51703	502	.048	.048	0.0	51851	501	.091	.090	1.1
51551	501	.018	.018	0.0	51703	503	.044	.044	0.0	51851	502	.123	.123	0.0
51551	502	.022	.022	0.0	51734	501	.067	.066	1.5	51851	503	.113	.113	0.0
51551	503	.024	.024	0.0	51734	502	.091	.090	1.1	51852	501	.213	.211	0.9
51552	501	.031	.031	0.0	51734	503	.083	.083	0.0	51852	502	.290	.290	0.0
51552	502	.038	.038	0.0	51741	501	.116	.118	-1.7	51852	503	.260	.260	0.0

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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
51853	501	.086	.085	1.2	51919	503	.063	.064	-1.6	51982	502	.034	.034	0.0
51853	502	.116	.116	0.0	51926	501	.047	.048	-2.1	51982	503	.038	.038	0.0
51853	503	.106	.106	0.0	51926	502	.058	.059	-1.7	51985	501	.080	.081	-1.2
51854	501	.192	.190	1.1	51926	503	.065	.065	0.0	51985	502	.083	.084	-1.2
51854	502	.260	.260	0.0	51927	501	.026	.026	0.0	51985	503	.088	.090	-2.2
51854	503	.238	.239	-0.4	51927	502	.031	.032	-3.1	51986	501	.108	.110	-1.8
51855	501	.201	.200	0.5	51927	503	.035	.035	0.0	51986	502	.133	.135	-1.5
51855	502	.270	.270	0.0	51934	501	.052	.053	-1.9	51986	503	.148	.150	-1.3
51855	503	.250	.250	0.0	51934	502	.064	.065	-1.5	51999	501	.046	.047	-2.1
51856	501	.111	.110	0.9	51934	503	.071	.072	-1.4	51999	502	.056	.057	-1.8
51856	502	.150	.150	0.0	51941	501	.047	.048	-2.1	51999	503	.062	.063	-1.6
51856	503	.137	.138	-0.7	51941	502	.058	.059	-1.7	52002	501	.040	.041	-2.4
51857	501	.189	.188	0.5	51941	503	.064	.065	-1.5	52002	502	.049	.050	-2.0
51857	502	.260	.260	0.0	51942	501	.075	.077	-2.6	52002	503	.055	.055	0.0
51857	503	.235	.235	0.0	51942	502	.093	.094	-1.1	52075	501	.105	.105	0.0
51869	501	.050	.051	-2.0	51942	503	.103	.104	-1.0	52075	502	.143	.143	0.0
51869	502	.061	.062	-1.6	51956	501	.204	.207	-1.4	52075	503	.131	.131	0.0
51869	503	.068	.069	-1.4	51956	502	.250	.250	0.0	52076	501	.127	.126	0.8
51877	501	.280	.290	-3.4	51956	503	.280	.280	0.0	52076	502	.173	.172	0.6
51877	502	.340	.350	-2.9	51957	501	.180	.183	-1.6	52076	503	.158	.158	0.0
51877	503	.380	.390	-2.6	51957	502	.220	.223	-1.3	52109	501	.010	.010	0.0
51889	501	.046	.047	-2.1	51957	503	.245	.248	-1.2	52109	502	.012	.013	-7.7
51889	502	.057	.057	0.0	51958	501	.160	.162	-1.2	52109	503	.014	.014	0.0
51889	503	.063	.064	-1.6	51958	502	.196	.198	-1.0	52134	501	.134	.137	-2.2
51896	501	.022	.022	0.0	51958	503	.217	.220	-1.4	52134	502	.165	.167	-1.2
51896	502	.026	.027	-3.7	51959	501	.163	.166	-1.8	52134	503	.183	.185	-1.1
51896	503	.029	.030	-3.3	51959	502	.201	.203	-1.0	52137	501	.041	.041	0.0
51900	501	.053	.053	0.0	51959	503	.223	.225	-0.9	52137	502	.056	.056	0.0
51900	502	.042	.041	2.4	51960	501	.022	.022	0.0	52137	503	.052	.052	0.0
51900	503	.059	.059	0.0	51960	502	.026	.027	-3.7	52150	501	.247	.250	-1.2
51909	501	.121	.120	0.8	51960	503	.029	.030	-3.3	52150	502	.300	.310	-3.2
51909	502	.165	.164	0.6	51970	501	.094	.095	-1.1	52150	503	.340	.340	0.0
51909	503	.150	.150	0.0	51970	502	.115	.117	-1.7	52315	501	.061	.061	0.0
51919	501	.047	.047	0.0	51970	503	.128	.129	-0.8	52315	502	.048	.048	0.0
51919	502	.057	.058	-1.7	51982	501	.028	.028	0.0	52315	503	.068	.068	0.0

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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
52341	501	.026	.026	0.0	52469	503	.029	.029	0.0	53095	502	.043	.043	0.0
52341	502	.035	.035	0.0	52505	501	.105	.107	-1.9	53095	503	.047	.048	-2.1
52341	503	.032	.032	0.0	52505	502	.129	.131	-1.5	53096	501	.048	.049	-2.0
52342	501	.075	.075	0.0	52505	503	.143	.145	-1.4	53096	502	.059	.060	-1.7
52342	502	.102	.102	0.0	52547	501	.123	.122	0.8	53096	503	.066	.067	-1.5
52342	503	.093	.094	-1.1	52547	502	.167	.166	0.6	53121	501	.137	.140	-2.1
52343	501	.046	.045	2.2	52547	503	.153	.153	0.0	53121	502	.169	.171	-1.2
52343	502	.062	.062	0.0	52581	501	.510	.520	-1.9	53121	503	.187	.189	-1.1
52343	503	.057	.057	0.0	52581	502	.630	.640	-1.6	53147	501	.019	.019	0.0
52401	501	.142	.141	0.7	52581	503	.700	.710	-1.4	53147	502	.026	.026	0.0
52401	502	.193	.192	0.5	52619	501	.036	.037	-2.7	53147	503	.024	.024	0.0
52401	503	.176	.176	0.0	52619	502	.044	.045	-2.2	53229	501	.106	.105	1.0
52402	501	.010	.010	0.0	52619	503	.049	.050	-2.0	53229	502	.145	.144	0.7
52402	502	.012	.013	-7.7	52660	501	.101	.103	-1.9	53229	503	.132	.132	0.0
52402	503	.014	.014	0.0	52660	502	.105	.107	-1.9	53271	501	.026	.026	0.0
52432	501	.050	.051	-2.0	52660	503	.113	.115	-1.7	53271	502	.032	.032	0.0
52432	502	.062	.062	0.0	52744	501	.270	.270	0.0	53271	503	.035	.036	-2.8
52432	503	.068	.069	-1.4	52744	502	.213	.212	0.5	53333	501	.105	.104	1.0
52433	501	.046	.047	-2.1	52744	503	.300	.300	0.0	53333	502	.142	.141	0.7
52433	502	.056	.057	-1.8	52767	501	.112	.111	0.9	53333	503	.130	.130	0.0
52433	503	.063	.063	0.0	52767	502	.153	.152	0.7	53374	501	.071	.071	0.0
52435	501	.058	.059	-1.7	52767	503	.140	.140	0.0	53374	502	.056	.056	0.0
52435	502	.071	.072	-1.4	52911	501	.029	.029	0.0	53374	503	.079	.079	0.0
52435	503	.078	.079	-1.3	52911	502	.035	.036	-2.8	53375	501	.038	.038	0.0
52438	501	.042	.042	0.0	52911	503	.039	.040	-2.5	53375	502	.030	.030	0.0
52438	502	.051	.052	-1.9	52967	501	.011	.011	0.0	53375	503	.042	.042	0.0
52438	503	.057	.057	0.0	52967	502	.013	.013	0.0	53376	501	.061	.061	0.0
52440	501	.065	.066	-1.5	52967	503	.015	.015	0.0	53376	502	.048	.048	0.0
52440	502	.080	.081	-1.2	53001	501	.105	.107	-1.9	53376	503	.067	.067	0.0
52440	503	.089	.090	-1.1	53001	502	.129	.131	-1.5	53377	501	.062	.062	0.0
52467	501	.060	.061	-1.6	53001	503	.144	.145	-0.7	53377	502	.049	.049	0.0
52467	502	.074	.075	-1.3	53077	501	.051	.052	-1.9	53377	503	.069	.069	0.0
52467	503	.082	.083	-1.2	53077	502	.062	.063	-1.6	53403	501	.039	.039	0.0
52469	501	.021	.021	0.0	53077	503	.069	.070	-1.4	53403	502	.031	.031	0.0
52469	502	.026	.026	0.0	53095	501	.035	.035	0.0	53403	503	.044	.044	0.0

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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
53425	501	.099	.098	1.0	54077	503	.094	.095	-1.1	55715	502	.132	.134	-1.5
53425	502	.134	.133	0.8	55010	501	.208	.212	-1.9	55715	503	.147	.149	-1.3
53425	503	.122	.123	-0.8	55010	502	.260	.260	0.0	55716	501	.156	.159	-1.9
53565	501	.046	.046	0.0	55010	503	.280	.290	-3.4	55716	502	.191	.194	-1.5
53565	502	.036	.036	0.0	55011	501	.056	.057	-1.8	55716	503	.212	.215	-1.4
53565	503	.051	.051	0.0	55011	502	.069	.070	-1.4	55717	501	.143	.141	1.4
53631	501	.016	.016	0.0	55011	503	.077	.078	-1.3	55717	502	.194	.193	0.5
53631	502	.020	.020	0.0	55012	501	.067	.068	-1.5	55717	503	.177	.177	0.0
53631	503	.022	.022	0.0	55012	502	.082	.083	-1.2	55718	501	.138	.137	0.7
53632	501	.018	.019	-5.3	55012	503	.091	.092	-1.1	55718	502	.188	.187	0.5
53632	502	.022	.023	-4.3	55013	501	.089	.088	1.1	55718	503	.172	.172	0.0
53632	503	.025	.025	0.0	55013	502	.121	.120	0.8	55802	501	.047	.047	0.0
53731	501	.017	.017	0.0	55013	503	.111	.111	0.0	55802	502	.037	.037	0.0
53731	502	.021	.021	0.0	55214	501	.054	.055	-1.8	55802	503	.052	.052	0.0
53731	503	.023	.023	0.0	55214	502	.067	.068	-1.5	55918	501	.062	.063	-1.6
53732	501	.115	.117	-1.7	55214	503	.074	.075	-1.3	55918	502	.076	.077	-1.3
53732	502	.141	.143	-1.4	55371	501	.182	.182	0.0	55918	503	.084	.085	-1.2
53732	503	.156	.158	-1.3	55371	502	.143	.143	0.0	55919	501	.008	.009	-11.1
53733	501	.075	.076	-1.3	55371	503	.202	.202	0.0	55919	502	.010	.010	0.0
53733	502	.092	.093	-1.1	55426	501	.108	.107	0.9	55919	503	.011	.012	-8.3
53733	503	.102	.103	-1.0	55426	502	.147	.146	0.7	56040	501	.006	.006	0.0
53734	501	.510	.520	-1.9	55426	503	.134	.134	0.0	56040	502	.007	.007	0.0
53734	502	.530	.540	-1.9	55597	501	.014	.014	0.0	56040	503	.008	.008	0.0
53734	503	.570	.580	-1.7	55597	502	.017	.017	0.0	56041	501	.038	.039	-2.6
53803	501	.235	.233	0.9	55597	503	.019	.019	0.0	56041	502	.047	.048	-2.1
53803	502	.320	.320	0.0	55647	501	.027	.028	-3.6	56041	503	.052	.053	-1.9
53803	503	.290	.290	0.0	55647	502	.033	.034	-2.9	56042	501	.048	.049	-2.0
53907	501	.050	.051	-2.0	55647	503	.037	.037	0.0	56042	502	.059	.060	-1.7
53907	502	.062	.063	-1.6	55648	501	.012	.013	-7.7	56042	503	.066	.067	-1.5
53907	503	.069	.070	-1.4	55648	502	.015	.015	0.0	56170	501	.097	.096	1.0
54012	501	.051	.052	-1.9	55648	503	.017	.017	0.0	56170	502	.132	.131	0.8
54012	502	.053	.054	-1.9	55649	501	.015	.015	0.0	56170	503	.120	.120	0.0
54012	503	.057	.058	-1.7	55649	502	.018	.018	0.0	56171	501	.048	.047	2.1
54077	501	.069	.070	-1.4	55649	503	.020	.020	0.0	56171	502	.065	.064	1.6
54077	502	.085	.086	-1.2	55715	501	.108	.110	-1.8	56171	503	.059	.059	0.0

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LOSS COST % CHANGE BY CLASS

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56202	501	.038	.039	-2.6	56690	503	.045	.045	0.0	56912	502	.095	.095	0.0
56202	502	.047	.048	-2.1	56699	501	.043	.043	0.0	56912	503	.087	.087	0.0
56202	503	.052	.053	-1.9	56699	502	.052	.053	-1.9	56913	501	.057	.057	0.0
56390	501	.067	.068	-1.5	56699	503	.058	.059	-1.7	56913	502	.078	.077	1.3
56390	502	.082	.083	-1.2	56758	501	.036	.037	-2.7	56913	503	.071	.071	0.0
56390	503	.091	.092	-1.1	56758	502	.044	.045	-2.2	56915	501	.340	.340	0.0
56391	501	.058	.059	-1.7	56758	503	.049	.050	-2.0	56915	502	.460	.460	0.0
56391	502	.071	.072	-1.4	56759	501	.037	.038	-2.6	56915	503	.420	.420	0.0
56391	503	.078	.079	-1.3	56759	502	.046	.046	0.0	56916	501	.310	.300	3.3
56427	501	.093	.094	-1.1	56759	503	.051	.051	0.0	56916	502	.420	.410	2.4
56427	502	.114	.115	-0.9	56760	501	.053	.054	-1.9	56916	503	.380	.380	0.0
56427	503	.126	.128	-1.6	56760	502	.065	.066	-1.5	56917	501	.088	.087	1.1
56488	501	.078	.079	-1.3	56760	503	.073	.073	0.0	56917	502	.120	.119	0.8
56488	502	.062	.062	0.0	56805	501	.070	.071	-1.4	56917	503	.110	.110	0.0
56488	503	.087	.087	0.0	56805	502	.086	.087	-1.1	56918	501	.042	.042	0.0
56567	501	.100	.099	1.0	56805	503	.095	.097	-2.1	56918	502	.058	.057	1.8
56567	502	.136	.136	0.0	56806	501	.050	.050	0.0	56918	503	.053	.053	0.0
56567	503	.125	.125	0.0	56806	502	.061	.062	-1.6	56919	501	.108	.107	0.9
56650	501	.310	.300	3.3	56806	503	.068	.068	0.0	56919	502	.147	.146	0.7
56650	502	.420	.410	2.4	56807	501	.049	.050	-2.0	56919	503	.134	.134	0.0
56650	503	.380	.380	0.0	56807	502	.060	.061	-1.6	56920	501	.099	.098	1.0
56651	501	.167	.165	1.2	56807	503	.067	.068	-1.5	56920	502	.134	.133	0.8
56651	502	.227	.225	0.9	56808	501	.064	.065	-1.5	56920	503	.122	.123	-0.8
56651	503	.207	.207	0.0	56808	502	.079	.080	-1.3	56980	501	.053	.054	-1.9
56652	501	.119	.118	0.8	56808	503	.088	.089	-1.1	56980	502	.066	.066	0.0
56652	502	.162	.161	0.6	56900	501	.062	.063	-1.6	56980	503	.073	.074	-1.4
56652	503	.148	.148	0.0	56900	502	.076	.077	-1.3	57001	501	.018	.019	-5.3
56653	501	.115	.114	0.9	56900	503	.084	.085	-1.2	57001	502	.022	.023	-4.3
56653	502	.156	.155	0.6	56910	501	.031	.031	0.0	57001	503	.025	.025	0.0
56653	503	.143	.143	0.0	56910	502	.038	.038	0.0	57002	501	.012	.012	0.0
56654	501	.059	.058	1.7	56910	503	.042	.043	-2.3	57002	502	.015	.015	0.0
56654	502	.080	.079	1.3	56911	501	.086	.086	0.0	57002	503	.016	.016	0.0
56654	503	.073	.073	0.0	56911	502	.118	.117	0.9	57090	501	.158	.157	0.6
56690	501	.041	.041	0.0	56911	503	.107	.107	0.0	57090	502	.215	.214	0.5
56690	502	.032	.032	0.0	56912	501	.070	.069	1.4	57090	503	.197	.197	0.0

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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
57146	501	.100	.099	1.0	57651	503	.041	.042	-2.4	57997	502	.118	.120	-1.7
57146	502	.136	.136	0.0	57690	501	.067	.067	0.0	57997	503	.126	.129	-2.3
57146	503	.125	.125	0.0	57690	502	.092	.091	1.1	57998	501	.033	.033	0.0
57202	501	.047	.048	-2.1	57690	503	.084	.084	0.0	57998	502	.040	.041	-2.4
57202	502	.058	.059	-1.7	57716	501	.032	.032	0.0	57998	503	.045	.045	0.0
57202	503	.065	.065	0.0	57716	502	.044	.043	2.3	57999	501	.044	.044	0.0
57257	501	.059	.060	-1.7	57716	503	.040	.040	0.0	57999	502	.060	.060	0.0
57257	502	.072	.073	-1.4	57725	501	.070	.069	1.4	57999	503	.055	.055	0.0
57257	503	.080	.081	-1.2	57725	502	.095	.095	0.0	58009	501	.044	.044	0.0
57401	501	.033	.034	-2.9	57725	503	.087	.087	0.0	58009	502	.060	.060	0.0
57401	502	.041	.042	-2.4	57726	501	.054	.054	0.0	58009	503	.055	.055	0.0
57401	503	.046	.046	0.0	57726	502	.074	.074	0.0	58010	501	.076	.077	-1.3
57403	501	.096	.096	0.0	57726	503	.068	.068	0.0	58010	502	.093	.095	-2.1
57403	502	.076	.076	0.0	57798	501	.015	.016	-6.3	58010	503	.104	.105	-1.0
57403	503	.107	.107	0.0	57798	502	.019	.019	0.0	58020	501	.103	.104	-1.0
57410	501	.016	.016	0.0	57798	503	.021	.021	0.0	58020	502	.082	.081	1.2
57410	502	.020	.020	0.0	57800	501	.057	.058	-1.7	58020	503	.115	.115	0.0
57410	503	.022	.022	0.0	57800	502	.070	.071	-1.4	58056	501	.091	.092	-1.1
57411	501	.024	.024	0.0	57800	503	.078	.079	-1.3	58056	502	.111	.113	-1.8
57411	502	.033	.033	0.0	57808	501	.027	.027	0.0	58056	503	.124	.125	-0.8
57411	503	.030	.030	0.0	57808	502	.036	.036	0.0	58057	501	.057	.058	-1.7
57572	501	.009	.010	-10.0	57808	503	.033	.033	0.0	58057	502	.070	.071	-1.4
57572	502	.012	.012	0.0	57809	501	.028	.027	3.7	58057	503	.078	.079	-1.3
57572	503	.013	.013	0.0	57809	502	.038	.037	2.7	58058	501	.051	.052	-1.9
57600	501	.028	.029	-3.4	57809	503	.034	.034	0.0	58058	502	.063	.064	-1.6
57600	502	.035	.035	0.0	57810	501	.027	.027	0.0	58058	503	.070	.071	-1.4
57600	503	.038	.039	-2.6	57810	502	.036	.036	0.0	58095	501	.072	.073	-1.4
57611	501	.052	.051	2.0	57810	503	.033	.033	0.0	58095	502	.089	.090	-1.1
57611	502	.071	.070	1.4	57871	501	.032	.032	0.0	58095	503	.098	.100	-2.0
57611	503	.064	.064	0.0	57871	502	.044	.043	2.3	58096	501	.096	.098	-2.0
57625	501	.248	.250	-0.8	57871	503	.040	.040	0.0	58096	502	.118	.119	-0.8
57625	502	.300	.310	-3.2	57913	501	.074	.075	-1.3	58096	503	.131	.132	-0.8
57625	503	.340	.340	0.0	57913	502	.091	.092	-1.1	58301	501	.034	.033	3.0
57651	501	.030	.031	-3.2	57913	503	.101	.102	-1.0	58301	502	.046	.046	0.0
57651	502	.037	.038	-2.6	57997	501	.114	.116	-1.7	58301	503	.042	.042	0.0

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LOSS COST % CHANGE BY CLASS

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58302	501	.026	.026	0.0	58560	503	.035	.035	0.0	58822	502	.108	.110	-1.8
58302	502	.032	.032	0.0	58575	501	.033	.033	0.0	58822	503	.120	.122	-1.6
58302	503	.035	.036	-2.8	58575	502	.040	.041	-2.4	58837	501	.205	.203	1.0
58397	501	.150	.153	-2.0	58575	503	.045	.045	0.0	58837	502	.280	.280	0.0
58397	502	.184	.187	-1.6	58627	501	.105	.107	-1.9	58837	503	.250	.250	0.0
58397	503	.205	.207	-1.0	58627	502	.129	.131	-1.5	58840	501	.061	.061	0.0
58408	501	.067	.068	-1.5	58627	503	.143	.145	-1.4	58840	502	.083	.083	0.0
58408	502	.070	.071	-1.4	58663	501	.222	.220	0.9	58840	503	.076	.076	0.0
58408	503	.075	.076	-1.3	58663	502	.300	.300	0.0	58873	501	.098	.097	1.0
58409	501	.085	.087	-2.3	58663	503	.280	.280	0.0	58873	502	.133	.132	0.8
58409	502	.089	.090	-1.1	58682	501	.094	.095	-1.1	58873	503	.121	.121	0.0
58409	503	.095	.097	-2.1	58682	502	.115	.116	-0.9	58903	501	.020	.021	-4.8
58456	501	.046	.046	0.0	58682	503	.127	.129	-1.6	58903	502	.025	.025	0.0
58456	502	.047	.048	-2.1	58713	501	.030	.030	0.0	58903	503	.028	.028	0.0
58456	503	.051	.052	-1.9	58713	502	.024	.023	4.3	58904	501	.016	.016	0.0
58457	501	.066	.067	-1.5	58713	503	.033	.033	0.0	58904	502	.019	.019	0.0
58457	502	.068	.070	-2.9	58737	501	.068	.069	-1.4	58904	503	.021	.021	0.0
58457	503	.073	.075	-2.7	58737	502	.083	.084	-1.2	58922	501	.162	.161	0.6
58458	501	.085	.087	-2.3	58737	503	.093	.094	-1.1	58922	502	.221	.220	0.5
58458	502	.089	.090	-1.1	58756	501	.041	.041	0.0	58922	503	.202	.202	0.0
58458	503	.095	.097	-2.1	58756	502	.056	.056	0.0	59005	501	.038	.039	-2.6
58459	501	.102	.104	-1.9	58756	503	.052	.052	0.0	59005	502	.047	.048	-2.1
58459	502	.106	.108	-1.9	58757	501	.229	.233	-1.7	59005	503	.052	.053	-1.9
58459	503	.114	.116	-1.7	58757	502	.280	.280	0.0	59057	501	.280	.290	-3.4
58503	501	.040	.041	-2.4	58757	503	.310	.320	-3.1	59057	502	.350	.350	0.0
58503	502	.049	.050	-2.0	58759	501	.028	.029	-3.4	59057	503	.390	.390	0.0
58503	503	.055	.055	0.0	58759	502	.035	.035	0.0	59058	501	.184	.187	-1.6
58532	501	.052	.053	-1.9	58759	503	.038	.039	-2.6	59058	502	.226	.229	-1.3
58532	502	.064	.064	0.0	58802	501	.032	.033	-3.0	59058	503	.250	.250	0.0
58532	503	.070	.071	-1.4	58802	502	.039	.040	-2.5	59188	501	.205	.206	-0.5
58559	501	.011	.011	0.0	58802	503	.044	.044	0.0	59188	502	.162	.161	0.6
58559	502	.013	.013	0.0	58813	501	.102	.101	1.0	59188	503	.228	.228	0.0
58559	503	.014	.015	-6.7	58813	502	.139	.138	0.7	59189	501	.280	.280	0.0
58560	501	.025	.026	-3.8	58813	503	.127	.127	0.0	59189	502	.222	.221	0.5
58560	502	.031	.032	-3.1	58822	501	.088	.090	-2.2	59189	503	.310	.310	0.0

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59223	501	.101	.100	1.0	59693	503	.014	.014	0.0	59774	502	.008	.008	0.0
59223	502	.138	.137	0.7	59701	501	.005	.005	0.0	59774	503	.011	.011	0.0
59223	503	.126	.126	0.0	59701	502	.006	.006	0.0	59775	501	.013	.013	0.0
59257	501	.010	.011	-9.1	59701	503	.006	.007	-14.3	59775	502	.010	.010	0.0
59257	502	.013	.013	0.0	59713	501	.108	.110	-1.8	59775	503	.014	.014	0.0
59257	503	.014	.014	0.0	59713	502	.133	.135	-1.5	59781	501	.046	.045	2.2
59306	501	.065	.066	-1.5	59713	503	.147	.149	-1.3	59781	502	.062	.062	0.0
59306	502	.080	.081	-1.2	59722	501	.056	.057	-1.8	59781	503	.057	.057	0.0
59306	503	.088	.089	-1.1	59722	502	.069	.070	-1.4	59782	501	.068	.068	0.0
59378	501	.066	.065	1.5	59722	503	.076	.077	-1.3	59782	502	.093	.092	1.1
59378	502	.089	.089	0.0	59723	501	.021	.021	0.0	59782	503	.085	.085	0.0
59378	503	.082	.082	0.0	59723	502	.026	.026	0.0	59783	501	.067	.066	1.5
59481	501	.174	.177	-1.7	59723	503	.029	.029	0.0	59783	502	.091	.090	1.1
59481	502	.214	.217	-1.4	59724	501	.032	.033	-3.0	59783	503	.083	.083	0.0
59481	503	.238	.241	-1.2	59724	502	.040	.040	0.0	59784	501	.051	.051	0.0
59482	501	.214	.214	0.0	59724	503	.044	.045	-2.2	59784	502	.069	.069	0.0
59482	502	.169	.168	0.6	59725	501	.040	.041	-2.4	59784	503	.063	.063	0.0
59482	503	.238	.237	0.4	59725	502	.049	.050	-2.0	59790	501	.072	.073	-1.4
59537	501	.071	.070	1.4	59725	503	.055	.056	-1.8	59790	502	.089	.090	-1.1
59537	502	.096	.096	0.0	59726	501	.029	.030	-3.3	59790	503	.098	.100	-2.0
59537	503	.088	.088	0.0	59726	502	.036	.036	0.0	59798	501	.174	.172	1.2
59601	501	.066	.067	-1.5	59726	503	.040	.040	0.0	59798	502	.236	.235	0.4
59601	502	.081	.082	-1.2	59738	501	.094	.095	-1.1	59798	503	.216	.216	0.0
59601	503	.090	.091	-1.1	59738	502	.115	.116	-0.9	59806	501	.124	.123	0.8
59647	501	.096	.096	0.0	59738	503	.127	.129	-1.6	59806	502	.169	.168	0.6
59647	502	.075	.075	0.0	59750	501	.053	.052	1.9	59806	503	.155	.155	0.0
59647	503	.106	.106	0.0	59750	502	.072	.071	1.4	59867	501	.081	.083	-2.4
59660	501	.121	.123	-1.6	59750	503	.066	.066	0.0	59867	502	.100	.101	-1.0
59660	502	.148	.150	-1.3	59751	501	.019	.019	0.0	59867	503	.111	.112	-0.9
59660	503	.165	.167	-1.2	59751	502	.026	.026	0.0	59886	501	.011	.011	0.0
59661	501	.059	.060	-1.7	59751	503	.024	.024	0.0	59886	502	.013	.014	-7.1
59661	502	.073	.074	-1.4	59773	501	.012	.012	0.0	59886	503	.015	.015	0.0
59661	503	.081	.082	-1.2	59773	502	.010	.010	0.0	59889	501	.040	.040	0.0
59693	501	.010	.010	0.0	59773	503	.013	.013	0.0	59889	502	.031	.031	0.0
59693	502	.012	.012	0.0	59774	501	.010	.010	0.0	59889	503	.044	.044	0.0

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59892	501	.067	.066	1.5	59932	503	.197	.199	-1.0	59986	502	.083	.084	-1.2
59892	502	.091	.090	1.1	59941	501	.045	.046	-2.2	59986	503	.092	.093	-1.1
59892	503	.083	.083	0.0	59941	502	.055	.056	-1.8	59988	501	.022	.021	4.8
59904	501	.045	.045	0.0	59941	503	.061	.062	-1.6	59988	502	.029	.029	0.0
59904	502	.061	.061	0.0	59947	501	.045	.045	0.0	59988	503	.027	.027	0.0
59904	503	.056	.056	0.0	59947	502	.061	.061	0.0	59989	501	.012	.012	0.0
59905	501	.051	.052	-1.9	59947	503	.056	.056	0.0	59989	502	.015	.015	0.0
59905	502	.062	.063	-1.6	59955	501	.017	.018	-5.6	59989	503	.016	.016	0.0
59905	503	.069	.070	-1.4	59955	502	.021	.021	0.0	60010	501	24.800	26.300	-5.7
59914	501	.300	.300	0.0	59955	503	.023	.024	-4.2	60010	502	18.000	18.200	-1.1
59914	502	.370	.370	0.0	59963	501	.128	.131	-2.3	60010	503	16.000	17.000	-5.9
59914	503	.410	.410	0.0	59963	502	.157	.160	-1.9	60011	501	28.500	30.200	-5.6
59915	501	.150	.148	1.4	59963	503	.175	.177	-1.1	60011	502	20.800	21.000	-1.0
59915	502	.203	.202	0.5	59964	501	.300	.310	-3.2	60011	503	18.400	19.600	-6.1
59915	503	.186	.186	0.0	59964	502	.370	.370	0.0	60012	501	46.800	49.700	-5.8
59917	501	.028	.027	3.7	59964	503	.410	.410	0.0	60012	502	34.100	34.500	-1.2
59917	502	.038	.037	2.7	59970	501	.060	.060	0.0	60012	503	30.200	32.100	-5.9
59917	503	.034	.034	0.0	59970	502	.082	.082	0.0	60013	501	40.100	42.600	-5.9
59923	501	.007	.007	0.0	59970	503	.075	.075	0.0	60013	502	29.200	29.500	-1.0
59923	502	.009	.009	0.0	59973	501	.083	.084	-1.2	60013	503	25.900	27.600	-6.2
59923	503	.010	.010	0.0	59973	502	.102	.103	-1.0	60015	501	30.000	31.800	-5.7
59925	501	.340	.350	-2.9	59973	503	.113	.114	-0.9	60015	502	21.800	22.100	-1.4
59925	502	.350	.350	0.0	59975	501	.085	.084	1.2	60015	503	19.300	20.600	-6.3
59925	503	.250	.260	-3.8	59975	502	.115	.114	0.9	60016	501	33.700	35.800	-5.9
59926	501	.290	.300	-3.3	59975	503	.105	.105	0.0	60016	502	24.500	24.800	-1.2
59926	502	.290	.300	-3.3	59977	501	.048	.048	0.0	60016	503	21.700	23.100	-6.1
59926	503	.215	.220	-2.3	59977	502	.066	.065	1.5	60035	501	25.900	26.900	-3.7
59927	501	.196	.200	-2.0	59977	503	.060	.060	0.0	60035	502	20.600	20.300	1.5
59927	502	.197	.202	-2.5	59984	501	.023	.023	0.0	60035	503	23.100	24.100	-4.1
59927	503	.145	.148	-2.0	59984	502	.028	.028	0.0	61000	501	24.500	26.000	-5.8
59931	501	.134	.137	-2.2	59984	503	.031	.031	0.0	61000	502	17.900	18.100	-1.1
59931	502	.165	.167	-1.2	59985	501	.089	.090	-1.1	61000	503	15.800	16.800	-6.0
59931	503	.183	.185	-1.1	59985	502	.109	.110	-0.9	61212	501	13.900	14.500	-4.1
59932	501	.145	.147	-1.4	59985	503	.121	.122	-0.8	61212	502	11.000	10.900	0.9
59932	502	.178	.180	-1.1	59986	501	.068	.069	-1.4	61212	503	12.400	13.000	-4.6

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61216	501	15.500	16.000	-3.1	62003	503	10.200	10.600	-3.8	66122	502	7.850	7.760	1.2
61216	502	12.300	12.100	1.7	63010	501	44.600	47.300	-5.7	66122	503	8.830	9.200	-4.0
61216	503	13.800	14.400	-4.2	63010	502	32.500	32.800	-0.9	66123	501	5.430	5.640	-3.7
61217	501	14.100	14.600	-3.4	63010	503	28.700	30.600	-6.2	66123	502	4.310	4.260	1.2
61217	502	11.200	11.000	1.8	63011	501	55.700	59.200	-5.9	66123	503	4.850	5.060	-4.2
61217	503	12.600	13.100	-3.8	63011	502	40.600	41.000	-1.0	66309	501	15.900	16.500	-3.6
61218	501	9.600	9.970	-3.7	63011	503	35.900	38.300	-6.3	66309	502	12.600	12.500	0.8
61218	502	7.620	7.540	1.1	63012	501	79.200	84.200	-5.9	66309	503	14.200	14.800	-4.1
61218	503	8.580	8.940	-4.0	63012	502	57.700	58.300	-1.0	66561	501	36.700	38.200	-3.9
61223	501	64.900	67.400	-3.7	63012	503	51.100	54.400	-6.1	66561	502	29.200	28.800	1.4
61223	502	51.500	50.900	1.2	63013	501	75.000	79.700	-5.9	66561	503	32.800	34.200	-4.1
61223	503	58.000	60.400	-4.0	63013	502	54.700	55.200	-0.9	67017	501	34.100	35.400	-3.7
61224	501	23.000	23.900	-3.8	63013	503	48.400	51.500	-6.0	67017	502	27.100	26.800	1.1
61224	502	18.200	18.000	1.1	63215	501	37.700	39.200	-3.8	67017	503	30.500	31.800	-4.1
61224	503	20.500	21.400	-4.2	63215	502	29.900	29.600	1.0	67508	501	22.200	23.800	-6.7
61225	501	31.900	33.100	-3.6	63215	503	33.700	35.100	-4.0	67508	502	19.400	19.700	-1.5
61225	502	25.300	25.000	1.2	63216	501	26.200	27.200	-3.7	67508	503	17.100	18.400	-7.1
61225	503	28.500	29.700	-4.0	63216	502	20.800	20.500	1.5	67509	501	16.300	17.400	-6.3
61226	501	50.800	52.800	-3.8	63216	503	23.400	24.400	-4.1	67509	502	14.200	14.400	-1.4
61226	502	40.300	39.900	1.0	63217	501	17.900	17.400	2.9	67509	503	12.600	13.500	-6.7
61226	503	45.400	47.300	-4.0	63217	502	20.600	19.000	8.4	67510	501	9.090	9.710	-6.4
61227	501	46.500	48.300	-3.7	63217	503	22.400	21.900	2.3	67510	502	7.910	8.030	-1.5
61227	502	36.900	36.500	1.1	63218	501	6.020	5.850	2.9	67510	503	6.990	7.500	-6.8
61227	503	41.600	43.300	-3.9	63218	502	6.930	6.410	8.1	67511	501	9.830	10.500	-6.4
62000	501	10.600	11.000	-3.6	63218	503	7.550	7.360	2.6	67511	502	8.560	8.690	-1.5
62000	502	8.400	8.300	1.2	64074	501	12.800	11.600	10.3	67511	503	7.570	8.110	-6.7
62000	503	9.460	9.850	-4.0	64074	502	11.900	10.200	16.7	67512	501	42.100	45.000	-6.4
62001	501	7.930	8.240	-3.8	64074	503	13.300	12.100	9.9	67512	502	36.700	37.200	-1.3
62001	502	6.300	6.230	1.1	64075	501	9.010	8.150	10.6	67512	503	32.400	34.700	-6.6
62001	503	7.090	7.390	-4.1	64075	502	8.400	7.200	16.7	67513	501	26.700	28.500	-6.3
62002	501	3.620	3.760	-3.7	64075	503	9.400	8.510	10.5	67513	502	23.300	23.600	-1.3
62002	502	2.870	2.840	1.1	65007	501	23.000	23.900	-3.8	67513	503	20.600	22.000	-6.4
62002	503	3.230	3.370	-4.2	65007	502	18.200	18.000	1.1	67634	501	29.500	30.600	-3.6
62003	501	11.400	11.900	-4.2	65007	503	20.500	21.400	-4.2	67634	502	23.400	23.200	0.9
62003	502	9.060	8.960	1.1	66122	501	9.880	10.300	-4.1	67634	503	26.400	27.500	-4.0

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STATE: 48 - WISCONSIN
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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
67635	501	20.900	21.700	-3.7	90089	503	5.380	5.450	-1.3	91190	502	2.640	2.670	-1.1
67635	502	16.600	16.400	1.2	91111	501	3.700	3.630	1.9	91190	503	2.640	2.670	-1.1
67635	503	18.700	19.400	-3.6	91111	502	3.700	3.630	1.9	91200	501	.910	.930	-2.2
68001	501	63.700	66.200	-3.8	91111	503	3.700	3.630	1.9	91200	502	.910	.930	-2.2
68001	502	50.600	50.000	1.2	91125	501	3.240	3.280	-1.2	91200	503	.910	.930	-2.2
68001	503	57.000	59.400	-4.0	91125	502	3.240	3.280	-1.2	91235	501	2.870	2.820	1.8
68439	501	82.000	85.100	-3.6	91125	503	3.240	3.280	-1.2	91235	502	2.870	2.820	1.8
68439	502	65.100	64.400	1.1	91127	501	2.490	2.450	1.6	91235	503	2.870	2.820	1.8
68439	503	73.300	76.300	-3.9	91127	502	2.490	2.450	1.6	91250	501	4.320	4.250	1.6
68500	501	5.450	5.790	-5.9	91127	503	2.490	2.450	1.6	91250	502	4.320	4.250	1.6
68500	502	3.970	4.010	-1.0	91130	501	1.600	1.630	-1.8	91250	503	4.320	4.250	1.6
68500	503	3.510	3.740	-6.1	91130	502	1.600	1.630	-1.8	91265	501	19.500	19.900	-2.0
68604	501	1.530	1.590	-3.8	91130	503	1.600	1.630	-1.8	91265	502	19.500	19.900	-2.0
68604	502	1.220	1.200	1.7	91135	501	.440	.450	-2.2	91265	503	19.500	19.900	-2.0
68604	503	1.370	1.430	-4.2	91135	502	.440	.450	-2.2	91266	501	10.300	10.500	-1.9
68606	501	5.990	6.220	-3.7	91135	503	.440	.450	-2.2	91266	502	10.300	10.500	-1.9
68606	502	4.750	4.700	1.1	91150	501	2.350	2.310	1.7	91266	503	10.300	10.500	-1.9
68606	503	5.350	5.570	-3.9	91150	502	2.350	2.310	1.7	91302	501	13.800	13.700	0.7
68607	501	4.730	4.910	-3.7	91150	503	2.350	2.310	1.7	91302	502	13.800	13.700	0.7
68607	502	3.760	3.720	1.1	91155	501	5.220	5.130	1.8	91302	503	13.800	13.700	0.7
68607	503	4.230	4.410	-4.1	91155	502	5.220	5.130	1.8	91315	501	4.180	4.160	0.5
68702	501	3.900	4.050	-3.7	91155	503	5.220	5.130	1.8	91315	502	4.180	4.160	0.5
68702	502	3.090	3.060	1.0	91160	501	1.300	1.320	-1.5	91315	503	4.180	4.160	0.5
68702	503	3.480	3.630	-4.1	91160	502	1.300	1.320	-1.5	91324	501	9.310	9.260	0.5
68703	501	2.920	3.040	-3.9	91160	503	1.300	1.320	-1.5	91324	502	9.310	9.260	0.5
68703	502	2.320	2.290	1.3	91175	501	1.120	1.130	-0.9	91324	503	9.310	9.260	0.5
68703	503	2.610	2.720	-4.0	91175	502	1.120	1.130	-0.9	91340	501	6.070	6.040	0.5
68706	501	12.500	13.000	-3.8	91175	503	1.120	1.130	-0.9	91340	502	6.070	6.040	0.5
68706	502	9.940	9.830	1.1	91177	501	4.900	4.960	-1.2	91340	503	6.070	6.040	0.5
68706	503	11.200	11.700	-4.3	91177	502	4.900	4.960	-1.2	91341	501	5.620	5.690	-1.2
68707	501	12.400	12.900	-3.9	91177	503	4.900	4.960	-1.2	91341	502	5.620	5.690	-1.2
68707	502	9.830	9.730	1.0	91179	501	4.920	4.980	-1.2	91341	503	5.620	5.690	-1.2
68707	503	11.100	11.500	-3.5	91179	502	4.920	4.980	-1.2	91342	501	5.570	5.540	0.5
90089	501	5.380	5.450	-1.3	91179	503	4.920	4.980	-1.2	91342	502	5.570	5.540	0.5
90089	502	5.380	5.450	-1.3	91190	501	2.640	2.670	-1.1	91342	503	5.570	5.540	0.5

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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
91343	501	1.240	1.260	-1.6	91577	503	14.800	15.000	-1.3	92054	502	.220	.223	-1.3
91343	502	1.240	1.260	-1.6	91580	501	7.530	7.680	-2.0	92054	503	.220	.223	-1.3
91343	503	1.240	1.260	-1.6	91580	502	7.530	7.680	-2.0	92055	501	6.140	6.220	-1.3
91405	501	7.080	7.040	0.6	91580	503	7.530	7.680	-2.0	92055	502	6.140	6.220	-1.3
91405	502	7.080	7.040	0.6	91590	501	4.300	4.360	-1.4	92055	503	6.140	6.220	-1.3
91405	503	7.080	7.040	0.6	91590	502	4.300	4.360	-1.4	92101	501	9.590	9.720	-1.3
91436	501	6.360	6.440	-1.2	91590	503	4.300	4.360	-1.4	92101	502	9.590	9.720	-1.3
91436	502	6.360	6.440	-1.2	91606	501	15.600	15.900	-1.9	92101	503	9.590	9.720	-1.3
91436	503	6.360	6.440	-1.2	91606	502	15.600	15.900	-1.9	92102	501	5.780	5.850	-1.2
91481	501	23.200	23.500	-1.3	91606	503	15.600	15.900	-1.9	92102	502	5.780	5.850	-1.2
91481	502	23.200	23.500	-1.3	91629	501	3.190	3.260	-2.1	92102	503	5.780	5.850	-1.2
91481	503	23.200	23.500	-1.3	91629	502	3.190	3.260	-2.1	92215	501	4.110	4.040	1.7
91507	501	3.420	3.460	-1.2	91629	503	3.190	3.260	-2.1	92215	502	4.110	4.040	1.7
91507	502	3.420	3.460	-1.2	91636	501	5.480	5.580	-1.8	92215	503	4.110	4.040	1.7
91507	503	3.420	3.460	-1.2	91636	502	5.480	5.580	-1.8	92338	501	2.220	2.250	-1.3
91523	501	52.700	53.400	-1.3	91636	503	5.480	5.580	-1.8	92338	502	2.220	2.250	-1.3
91523	502	52.700	53.400	-1.3	91641	501	1.480	1.510	-2.0	92338	503	2.220	2.250	-1.3
91523	503	52.700	53.400	-1.3	91641	502	1.480	1.510	-2.0	92445	501	3.140	3.200	-1.9
91547	501	.300	.300	0.0	91641	503	1.480	1.510	-2.0	92445	502	3.140	3.200	-1.9
91547	502	.300	.300	0.0	91666	501	1.160	1.170	-0.9	92445	503	3.140	3.200	-1.9
91547	503	.300	.300	0.0	91666	502	1.160	1.170	-0.9	92446	501	7.300	7.390	-1.2
91551	501	1.860	1.880	-1.1	91666	503	1.160	1.170	-0.9	92446	502	7.300	7.390	-1.2
91551	502	1.860	1.880	-1.1	91722	501	4.790	4.890	-2.0	92446	503	7.300	7.390	-1.2
91551	503	1.860	1.880	-1.1	91722	502	4.790	4.890	-2.0	92447	501	6.380	6.460	-1.2
91555	501	1.730	1.700	1.8	91722	503	4.790	4.890	-2.0	92447	502	6.380	6.460	-1.2
91555	502	1.730	1.700	1.8	91746	501	4.140	4.190	-1.2	92447	503	6.380	6.460	-1.2
91555	503	1.730	1.700	1.8	91746	502	4.140	4.190	-1.2	92451	501	2.870	2.820	1.8
91560	501	5.700	5.820	-2.1	91746	503	4.140	4.190	-1.2	92451	502	2.870	2.820	1.8
91560	502	5.700	5.820	-2.1	91805	501	.260	.260	0.0	92451	503	2.870	2.820	1.8
91560	503	5.700	5.820	-2.1	91805	502	.260	.260	0.0	92453	501	4.040	4.090	-1.2
91562	501	4.140	4.190	-1.2	91805	503	.260	.260	0.0	92453	502	4.040	4.090	-1.2
91562	502	4.140	4.190	-1.2	92053	501	.640	.650	-1.5	92453	503	4.040	4.090	-1.2
91562	503	4.140	4.190	-1.2	92053	502	.640	.650	-1.5	92478	501	2.000	2.030	-1.5
91577	501	14.800	15.000	-1.3	92053	503	.640	.650	-1.5	92478	502	2.000	2.030	-1.5
91577	502	14.800	15.000	-1.3	92054	501	.220	.223	-1.3	92478	503	2.000	2.030	-1.5

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LOSS COST % CHANGE BY CLASS

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92593	501	37.700	37.000	1.9	94617	503	4.980	5.040	-1.2	95625	502	6.580	6.540	0.6
92593	502	37.700	37.000	1.9	95124	501	1.840	1.860	-1.1	95625	503	6.580	6.540	0.6
92593	503	37.700	37.000	1.9	95124	502	1.840	1.860	-1.1	95647	501	3.460	3.400	1.8
92663	501	.740	.760	-2.6	95124	503	1.840	1.860	-1.1	95647	502	3.460	3.400	1.8
92663	502	.740	.760	-2.6	95233	501	3.940	3.990	-1.3	95647	503	3.460	3.400	1.8
92663	503	.740	.760	-2.6	95233	502	3.940	3.990	-1.3	96053	501	2.630	2.580	1.9
94007	501	13.700	13.900	-1.4	95233	503	3.940	3.990	-1.3	96053	502	2.630	2.580	1.9
94007	502	13.700	13.900	-1.4	95305	501	4.280	4.340	-1.4	96053	503	2.630	2.580	1.9
94007	503	13.700	13.900	-1.4	95305	502	4.280	4.340	-1.4	96317	501	1.650	1.690	-2.4
94099	501	3.120	3.160	-1.3	95305	503	4.280	4.340	-1.4	96317	502	1.650	1.690	-2.4
94099	502	3.120	3.160	-1.3	95306	501	6.270	6.400	-2.0	96317	503	1.650	1.690	-2.4
94099	503	3.120	3.160	-1.3	95306	502	6.270	6.400	-2.0	96408	501	4.780	4.840	-1.2
94225	501	11.000	11.100	-0.9	95306	503	6.270	6.400	-2.0	96408	502	4.780	4.840	-1.2
94225	502	11.000	11.100	-0.9	95310	501	10.200	10.400	-1.9	96408	503	4.780	4.840	-1.2
94225	503	11.000	11.100	-0.9	95310	502	10.200	10.400	-1.9	96409	501	4.420	4.480	-1.3
94276	501	5.720	5.790	-1.2	95310	503	10.200	10.400	-1.9	96409	502	4.420	4.480	-1.3
94276	502	5.720	5.790	-1.2	95357	501	1.600	1.630	-1.8	96409	503	4.420	4.480	-1.3
94276	503	5.720	5.790	-1.2	95357	502	1.600	1.630	-1.8	96410	501	3.880	3.930	-1.3
94304	501	3.660	3.600	1.7	95357	503	1.600	1.630	-1.8	96410	502	3.880	3.930	-1.3
94304	502	3.660	3.600	1.7	95410	501	5.520	5.590	-1.3	96410	503	3.880	3.930	-1.3
94304	503	3.660	3.600	1.7	95410	502	5.520	5.590	-1.3	96611	501	1.390	1.390	0.0
94381	501	6.880	6.760	1.8	95410	503	5.520	5.590	-1.3	96611	502	1.390	1.390	0.0
94381	502	6.880	6.760	1.8	95455	501	6.620	6.750	-1.9	96611	503	1.390	1.390	0.0
94381	503	6.880	6.760	1.8	95455	502	6.620	6.750	-1.9	96702	501	5.500	5.570	-1.3
94404	501	5.420	5.490	-1.3	95455	503	6.620	6.750	-1.9	96702	502	5.500	5.570	-1.3
94404	502	5.420	5.490	-1.3	95487	501	2.960	3.000	-1.3	96702	503	5.500	5.570	-1.3
94404	503	5.420	5.490	-1.3	95487	502	2.960	3.000	-1.3	96816	501	5.160	5.230	-1.3
94569	501	3.660	3.710	-1.3	95487	503	2.960	3.000	-1.3	96816	502	5.160	5.230	-1.3
94569	502	3.660	3.710	-1.3	95505	501	3.080	3.140	-1.9	96816	503	5.160	5.230	-1.3
94569	503	3.660	3.710	-1.3	95505	502	3.080	3.140	-1.9	96872	501	5.870	5.990	-2.0
94590	501	15.800	16.000	-1.3	95505	503	3.080	3.140	-1.9	96872	502	5.870	5.990	-2.0
94590	502	15.800	16.000	-1.3	95620	501	2.400	2.430	-1.2	96872	503	5.870	5.990	-2.0
94590	503	15.800	16.000	-1.3	95620	502	2.400	2.430	-1.2	97047	501	4.240	4.210	0.7
94617	501	4.980	5.040	-1.2	95620	503	2.400	2.430	-1.2	97047	502	4.240	4.210	0.7
94617	502	4.980	5.040	-1.2	95625	501	6.580	6.540	0.6	97047	503	4.240	4.210	0.7

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 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
97050	501	3.290	3.270	0.6	97654	503	6.800	6.890	-1.3	98157	502	4.330	4.420	-2.0
97050	502	3.290	3.270	0.6	97655	501	5.990	6.110	-2.0	98157	503	4.330	4.420	-2.0
97050	503	3.290	3.270	0.6	97655	502	5.990	6.110	-2.0	98159	501	2.910	2.970	-2.0
97111	501	6.600	6.690	-1.3	97655	503	5.990	6.110	-2.0	98159	502	2.910	2.970	-2.0
97111	502	6.600	6.690	-1.3	98002	501	1.080	1.110	-2.7	98159	503	2.910	2.970	-2.0
97111	503	6.600	6.690	-1.3	98002	502	1.080	1.110	-2.7	98160	501	6.160	6.280	-1.9
97220	501	.430	.440	-2.3	98002	503	1.080	1.110	-2.7	98160	502	6.160	6.280	-1.9
97220	502	.430	.440	-2.3	98003	501	1.220	1.240	-1.6	98160	503	6.160	6.280	-1.9
97220	503	.430	.440	-2.3	98003	502	1.220	1.240	-1.6	98161	501	6.900	7.040	-2.0
97222	501	1.900	1.870	1.6	98003	503	1.220	1.240	-1.6	98161	502	6.900	7.040	-2.0
97222	502	1.900	1.870	1.6	98090	501	.164	.166	-1.2	98161	503	6.900	7.040	-2.0
97222	503	1.900	1.870	1.6	98090	502	.164	.166	-1.2	98163	501	7.240	7.390	-2.0
97223	501	2.870	2.820	1.8	98090	503	.164	.166	-1.2	98163	502	7.240	7.390	-2.0
97223	502	2.870	2.820	1.8	98091	501	.178	.180	-1.1	98163	503	7.240	7.390	-2.0
97223	503	2.870	2.820	1.8	98091	502	.178	.180	-1.1	98164	501	2.420	2.380	1.7
97308	501	.800	.810	-1.2	98091	503	.178	.180	-1.1	98164	502	2.420	2.380	1.7
97308	502	.800	.810	-1.2	98092	501	.540	.550	-1.8	98164	503	2.420	2.380	1.7
97308	503	.800	.810	-1.2	98092	502	.540	.550	-1.8	98257	501	1.840	1.860	-1.1
97447	501	2.620	2.680	-2.2	98092	503	.540	.550	-1.8	98257	502	1.840	1.860	-1.1
97447	502	2.620	2.680	-2.2	98111	501	.730	.710	2.8	98257	503	1.840	1.860	-1.1
97447	503	2.620	2.680	-2.2	98111	502	.730	.710	2.8	98303	501	13.600	13.900	-2.2
97650	501	4.560	4.620	-1.3	98111	503	.730	.710	2.8	98303	502	13.600	13.900	-2.2
97650	502	4.560	4.620	-1.3	98152	501	3.650	3.720	-1.9	98303	503	13.600	13.900	-2.2
97650	503	4.560	4.620	-1.3	98152	502	3.650	3.720	-1.9	98304	501	6.820	6.910	-1.3
97651	501	7.760	7.910	-1.9	98152	503	3.650	3.720	-1.9	98304	502	6.820	6.910	-1.3
97651	502	7.760	7.910	-1.9	98153	501	4.110	4.190	-1.9	98304	503	6.820	6.910	-1.3
97651	503	7.760	7.910	-1.9	98153	502	4.110	4.190	-1.9	98305	501	3.400	3.380	0.6
97652	501	6.730	6.860	-1.9	98153	503	4.110	4.190	-1.9	98305	502	3.400	3.380	0.6
97652	502	6.730	6.860	-1.9	98154	501	4.850	4.940	-1.8	98305	503	3.400	3.380	0.6
97652	503	6.730	6.860	-1.9	98154	502	4.850	4.940	-1.8	98306	501	8.750	8.700	0.6
97653	501	3.900	3.950	-1.3	98154	503	4.850	4.940	-1.8	98306	502	8.750	8.700	0.6
97653	502	3.900	3.950	-1.3	98155	501	6.790	6.920	-1.9	98306	503	8.750	8.700	0.6
97653	503	3.900	3.950	-1.3	98155	502	6.790	6.920	-1.9	98307	501	2.160	2.190	-1.4
97654	501	6.800	6.890	-1.3	98155	503	6.790	6.920	-1.9	98307	502	2.160	2.190	-1.4
97654	502	6.800	6.890	-1.3	98157	501	4.330	4.420	-2.0	98307	503	2.160	2.190	-1.4

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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
98308	501	1.420	1.440	-1.4	98427	503	3.080	3.120	-1.3	98640	502	138.000	140.000	-1.4
98308	502	1.420	1.440	-1.4	98429	501	1.430	1.450	-1.4	98640	503	138.000	140.000	-1.4
98308	503	1.420	1.440	-1.4	98429	502	1.430	1.450	-1.4	98658	501	7.020	7.150	-1.8
98309	501	6.840	6.980	-2.0	98429	503	1.430	1.450	-1.4	98658	502	7.020	7.150	-1.8
98309	502	6.840	6.980	-2.0	98449	501	4.420	4.480	-1.3	98658	503	7.020	7.150	-1.8
98309	503	6.840	6.980	-2.0	98449	502	4.420	4.480	-1.3	98659	501	1.250	1.280	-2.3
98344	501	.950	.940	1.1	98449	503	4.420	4.480	-1.3	98659	502	1.250	1.280	-2.3
98344	502	.950	.940	1.1	98482	501	4.740	4.800	-1.2	98659	503	1.250	1.280	-2.3
98344	503	.950	.940	1.1	98482	502	4.740	4.800	-1.2	98677	501	21.800	22.100	-1.4
98405	501	1.560	1.550	0.6	98482	503	4.740	4.800	-1.2	98677	502	21.800	22.100	-1.4
98405	502	1.560	1.550	0.6	98483	501	7.000	7.090	-1.3	98677	503	21.800	22.100	-1.4
98405	503	1.560	1.550	0.6	98483	502	7.000	7.090	-1.3	98678	501	19.300	19.600	-1.5
98413	501	17.900	18.200	-1.6	98483	503	7.000	7.090	-1.3	98678	502	19.300	19.600	-1.5
98413	502	17.900	18.200	-1.6	98502	501	6.700	6.790	-1.3	98678	503	19.300	19.600	-1.5
98413	503	17.900	18.200	-1.6	98502	502	6.700	6.790	-1.3	98699	501	6.300	6.380	-1.3
98414	501	16.400	16.700	-1.8	98502	503	6.700	6.790	-1.3	98699	502	6.300	6.380	-1.3
98414	502	16.400	16.700	-1.8	98555	501	3.120	3.160	-1.3	98699	503	6.300	6.380	-1.3
98414	503	16.400	16.700	-1.8	98555	502	3.120	3.160	-1.3	98705	501	9.920	10.100	-1.8
98415	501	2.160	2.190	-1.4	98555	503	3.120	3.160	-1.3	98705	502	9.920	10.100	-1.8
98415	502	2.160	2.190	-1.4	98597	501	.700	.710	-1.4	98705	503	9.920	10.100	-1.8
98415	503	2.160	2.190	-1.4	98597	502	.700	.710	-1.4	98710	501	4.380	4.440	-1.4
98423	501	5.140	5.210	-1.3	98597	503	.700	.710	-1.4	98710	502	4.380	4.440	-1.4
98423	502	5.140	5.210	-1.3	98598	501	.240	.243	-1.2	98710	503	4.380	4.440	-1.4
98423	503	5.140	5.210	-1.3	98598	502	.240	.243	-1.2	98751	501	5.300	5.410	-2.0
98424	501	8.710	8.830	-1.4	98598	503	.240	.243	-1.2	98751	502	5.300	5.410	-2.0
98424	502	8.710	8.830	-1.4	98601	501	8.010	8.120	-1.4	98751	503	5.300	5.410	-2.0
98424	503	8.710	8.830	-1.4	98601	502	8.010	8.120	-1.4	98805	501	5.720	5.790	-1.2
98425	501	3.580	3.630	-1.4	98601	503	8.010	8.120	-1.4	98805	502	5.720	5.790	-1.2
98425	502	3.580	3.630	-1.4	98624	501	1.260	1.280	-1.6	98805	503	5.720	5.790	-1.2
98425	503	3.580	3.630	-1.4	98624	502	1.260	1.280	-1.6	98806	501	3.280	3.230	1.5
98426	501	3.160	3.200	-1.3	98624	503	1.260	1.280	-1.6	98806	502	3.280	3.230	1.5
98426	502	3.160	3.200	-1.3	98636	501	3.530	3.460	2.0	98806	503	3.280	3.230	1.5
98426	503	3.160	3.200	-1.3	98636	502	3.530	3.460	2.0	98810	501	4.790	4.770	0.4
98427	501	3.080	3.120	-1.3	98636	503	3.530	3.460	2.0	98810	502	4.790	4.770	0.4
98427	502	3.080	3.120	-1.3	98640	501	138.000	140.000	-1.4	98810	503	4.790	4.770	0.4

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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
98813	501	4.630	4.600	0.7	99163	503	5.200	5.270	-1.3	99507	502	6.120	6.010	1.8
98813	502	4.630	4.600	0.7	99165	501	1.140	1.150	-0.9	99507	503	6.120	6.010	1.8
98813	503	4.630	4.600	0.7	99165	502	1.140	1.150	-0.9	99570	501	3.280	3.230	1.5
98820	501	10.900	11.100	-1.8	99165	503	1.140	1.150	-0.9	99570	502	3.280	3.230	1.5
98820	502	10.900	11.100	-1.8	99220	501	1.880	1.920	-2.1	99570	503	3.280	3.230	1.5
98820	503	10.900	11.100	-1.8	99220	502	1.880	1.920	-2.1	99571	501	.800	.780	2.6
98884	501	2.840	2.880	-1.4	99220	503	1.880	1.920	-2.1	99571	502	.800	.780	2.6
98884	502	2.840	2.880	-1.4	99222	501	3.540	3.610	-1.9	99571	503	.800	.780	2.6
98884	503	2.840	2.880	-1.4	99222	502	3.540	3.610	-1.9	99572	501	1.560	1.530	2.0
98914	501	.860	.870	-1.1	99222	503	3.540	3.610	-1.9	99572	502	1.560	1.530	2.0
98914	502	.860	.870	-1.1	99223	501	.320	.320	0.0	99572	503	1.560	1.530	2.0
98914	503	.860	.870	-1.1	99223	502	.320	.320	0.0	99573	501	1.490	1.460	2.1
98949	501	1.200	1.220	-1.6	99223	503	.320	.320	0.0	99573	502	1.490	1.460	2.1
98949	502	1.200	1.220	-1.6	99303	501	17.400	17.700	-1.7	99573	503	1.490	1.460	2.1
98949	503	1.200	1.220	-1.6	99303	502	17.400	17.700	-1.7	99600	501	1.670	1.660	0.6
98967	501	4.460	4.520	-1.3	99303	503	17.400	17.700	-1.7	99600	502	1.670	1.660	0.6
98967	502	4.460	4.520	-1.3	99310	501	4.360	4.420	-1.4	99600	503	1.670	1.660	0.6
98967	503	4.460	4.520	-1.3	99310	502	4.360	4.420	-1.4	99613	501	11.000	11.200	-1.8
98993	501	6.740	6.620	1.8	99310	503	4.360	4.420	-1.4	99613	502	11.000	11.200	-1.8
98993	502	6.740	6.620	1.8	99315	501	12.800	13.000	-1.5	99613	503	11.000	11.200	-1.8
98993	503	6.740	6.620	1.8	99315	502	12.800	13.000	-1.5	99614	501	3.730	3.710	0.5
99003	501	2.120	2.150	-1.4	99315	503	12.800	13.000	-1.5	99614	502	3.730	3.710	0.5
99003	502	2.120	2.150	-1.4	99321	501	12.400	12.600	-1.6	99614	503	3.730	3.710	0.5
99003	503	2.120	2.150	-1.4	99321	502	12.400	12.600	-1.6	99620	501	.600	.610	-1.6
99004	501	3.850	3.820	0.8	99321	503	12.400	12.600	-1.6	99620	502	.600	.610	-1.6
99004	502	3.850	3.820	0.8	99471	501	.860	.870	-1.1	99620	503	.600	.610	-1.6
99004	503	3.850	3.820	0.8	99471	502	.860	.870	-1.1	99650	501	1.560	1.530	2.0
99080	501	1.500	1.520	-1.3	99471	503	.860	.870	-1.1	99650	502	1.560	1.530	2.0
99080	502	1.500	1.520	-1.3	99505	501	5.700	5.600	1.8	99650	503	1.560	1.530	2.0
99080	503	1.500	1.520	-1.3	99505	502	5.700	5.600	1.8	99709	501	3.840	3.770	1.9
99111	501	2.180	2.210	-1.4	99505	503	5.700	5.600	1.8	99709	502	3.840	3.770	1.9
99111	502	2.180	2.210	-1.4	99506	501	7.020	6.900	1.7	99709	503	3.840	3.770	1.9
99111	503	2.180	2.210	-1.4	99506	502	7.020	6.900	1.7	99718	501	1.760	1.780	-1.1
99163	501	5.200	5.270	-1.3	99506	503	7.020	6.900	1.7	99718	502	1.760	1.780	-1.1
99163	502	5.200	5.270	-1.3	99507	501	6.120	6.010	1.8	99718	503	1.760	1.780	-1.1

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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
99746	501	2.980	3.020	-1.3	99948	503	8.120	7.980	1.8					
99746	502	2.980	3.020	-1.3	99952	501	7.020	6.980	0.6					
99746	503	2.980	3.020	-1.3	99952	502	7.020	6.980	0.6					
99760	501	.340	.340	0.0	99952	503	7.020	6.980	0.6					
99760	502	.340	.340	0.0	99953	501	7.580	7.540	0.5					
99760	503	.340	.340	0.0	99953	502	7.580	7.540	0.5					
99777	501	8.300	8.260	0.5	99953	503	7.580	7.540	0.5					
99777	502	8.300	8.260	0.5	99954	501	5.520	5.490	0.5					
99777	503	8.300	8.260	0.5	99954	502	5.520	5.490	0.5					
99793	501	3.780	3.830	-1.3	99954	503	5.520	5.490	0.5					
99793	502	3.780	3.830	-1.3	99955	501	6.910	6.870	0.6					
99793	503	3.780	3.830	-1.3	99955	502	6.910	6.870	0.6					
99826	501	.950	.940	1.1	99955	503	6.910	6.870	0.6					
99826	502	.950	.940	1.1	99963	501	.860	.870	-1.1					
99826	503	.950	.940	1.1	99963	502	.860	.870	-1.1					
99827	501	.540	.550	-1.8	99963	503	.860	.870	-1.1					
99827	502	.540	.550	-1.8	99969	501	3.420	3.490	-2.0					
99827	503	.540	.550	-1.8	99969	502	3.420	3.490	-2.0					
99851	501	2.200	2.230	-1.3	99969	503	3.420	3.490	-2.0					
99851	502	2.200	2.230	-1.3	99975	501	6.130	6.100	0.5					
99851	503	2.200	2.230	-1.3	99975	502	6.130	6.100	0.5					
99917	501	3.560	3.610	-1.4	99975	503	6.130	6.100	0.5					
99917	502	3.560	3.610	-1.4	99988	501	3.020	3.080	-1.9					
99917	503	3.560	3.610	-1.4	99988	502	3.020	3.080	-1.9					
99938	501	4.000	4.050	-1.2	99988	503	3.020	3.080	-1.9					
99938	502	4.000	4.050	-1.2										
99938	503	4.000	4.050	-1.2										
99943	501	11.600	11.700	-0.9										
99943	502	11.600	11.700	-0.9										
99943	503	11.600	11.700	-0.9										
99946	501	8.630	8.750	-1.4										
99946	502	8.630	8.750	-1.4										
99946	503	8.630	8.750	-1.4										
99948	501	8.120	7.980	1.8										
99948	502	8.120	7.980	1.8										

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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
10010	.224	.250	-10.4	11259	.118	.161	-26.7 L	13759	.138	.180	-23.3
10026	.016	.016	0.0	11288	.065	.080	-18.8	13930	.205	.201	2.0
10040	.300	.310	-3.2	12014	.034	.046	-26.1 L	14068	.018	.020	-10.0
10042	.300	.280	7.1	12356	.023	.028	-17.9	14101	.031	.035	-11.4
10060	.079	.095	-16.8	12361	.091	.095	-4.2	14279	.057	.078	-26.9 L
10065	.025	.033	-24.2 L	12373	.031	.036	-13.9	14401	.125	.164	-23.8
10066	.042	.036	16.7	12374	.058	.079	-26.6 L	14527	.202	.206	-1.9
10070	.141	.143	-1.4	12375	.044	.059	-25.4 L	14855	.200	.217	-7.8
10071	.091	.100	-9.0	12391	.100	.107	-6.5	14913	.109	.110	-0.9
10073	.410	.430	-4.7	12509	.047	.052	-9.6	15223	.035	.040	-12.5
10075	.171	.203	-15.8	12510	.022	.027	-18.5	15224	.054	.065	-16.9
10100	.040	.054	-25.9 L	12651	.560	.590	-5.1	15406	.047	.050	-6.0
10101	.191	.198	-3.5	12707	.790	.790	0.0	15538	.016	.021	-23.8
10107	.176	.220	-20.0	12797	.168	.176	-4.5	15600	.078	.095	-17.9
10111	.098	.106	-7.5	12805	.129	.120	7.5	15608	.008	.010	-20.0
10115	.076	.097	-21.6	13049	.058	.063	-7.9	15733	.044	.052	-15.4
10140	.020	.022	-9.1	13111	.113	.141	-19.9	15839	.022	.029	-24.1
10141	.022	.025	-12.0	13112	.083	.070	18.6	15991	.070	.086	-18.6
10145	.009	.012	-25.0 L	13201	.201	.221	-9.0	15993	.040	.040	0.0
10146	.017	.022	-22.7 L	13204	1.240	1.130	9.7	16005	.040	.042	-4.8
10255	.152	.177	-14.1	13205	.450	.440	2.3	16009	.073	.059	23.7 U
10256	.158	.162	-2.5	13314	.020	.022	-9.1	16403	.114	.155	-26.5 L
10257	.187	.196	-4.6	13351	.040	.035	14.3	16527	.420	.430	-2.3
10309	.017	.023	-26.1	13352	.037	.044	-15.9	16604	.212	.290	-26.9
10352	.058	.079	-26.6 L	13410	2.550	2.670	-4.5	16676	.012	.014	-14.3
11020	.075	.060	25.0 U	13412	1.110	1.040	6.7	16705	.173	.188	-8.0
11039	.050	.059	-15.3	13506	.065	.071	-8.5	16750	.041	.045	-8.9
11126	.024	.026	-7.7	13507	.163	.183	-10.9	16900	.087	.109	-20.2
11127	.009	.011	-18.2 L	13590	.770	.850	-9.4	16901	.135	.129	4.7
11128	.051	.050	2.0	13621	.420	.440	-4.5	16902	.065	.088	-26.1 L
11203	.650	.720	-9.7	13670	.013	.015	-13.3	16905	.087	.109	-20.2
11204	1.410	1.430	-1.4	13673	.012	.013	-7.7	16906	.135	.129	4.7
11234	.059	.074	-20.3	13715	.151	.153	-1.3	16910	.052	.063	-17.5
11248	.022	.024	-8.3	13716	.126	.143	-11.9	16911	.053	.064	-17.2
11258	.161	.220	-26.8 L	13720	.057	.077	-26.0 L	16915	.049	.056	-12.5

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LOSS COST % CHANGE BY CLASS

CLASS	PROPOSED OCCURR	PRESENT OCCURR	% CHG	CLASS	PROPOSED OCCURR	PRESENT OCCURR	% CHG	CLASS	PROPOSED OCCURR	PRESENT OCCURR	% CHG
16916	.053	.071	-25.4	51116	.550	.590	-6.8	51666	.127	.102	24.5 U
16920	.122	.155	-21.3	51205	.111	.135	-17.8	51734	.360	.420	-14.3
16921	.063	.086	-26.7 L	51206	.610	.750	-18.7	51741	.280	.320	-12.5
16930	.130	.144	-9.7	51220	3.250	3.240	0.3	51752	.199	.250	-20.4
16931	.063	.086	-26.7 L	51221	2.440	2.400	1.7	51767	.012	.016	-25.0 L
16940	.063	.086	-26.7 L	51222	3.380	3.280	3.0	51777	.084	.097	-13.4
16941	.095	.129	-26.4 L	51224	1.190	1.220	-2.5	51808	.760	.800	-5.0
18078	.135	.114	18.4	51230	.880	.960	-8.3	51809	.184	.216	-14.8
18109	.025	.029	-13.8	51240	.213	.250	-14.8	51833	.103	.142	-27.5 L
18110	.035	.047	-25.5 L	51241	.340	.360	-5.6	51869	.190	.241	-21.2
18205	.360	.380	-5.3	51252	.110	.141	-22.0	51877	.260	.300	-13.3
18206	.081	.082	-1.2	51254	.060	.073	-17.8	51889	.020	.027	-25.9 L
18335	.017	.021	-19.0	51300	.209	.260	-19.6	51896	.023	.028	-17.9
18435	.042	.049	-14.3	51305	1.230	1.510	-18.5	51900	.105	.120	-12.5
18436	.159	.217	-26.7 L	51315	.116	.139	-16.5	51909	.066	.076	-13.2
18501	.011	.015	-26.7	51330	.430	.490	-12.2	51926	.049	.054	-9.3
18506	.005	.006	-16.7	51333	.340	.330	3.0	51927	.126	.157	-19.7
18507	.007	.008	-12.5	51350	.177	.214	-17.3	51934	.178	.228	-21.9
18616	.610	.670	-9.0	51351	.054	.066	-18.2	51941	.045	.044	2.3
18707	.003	.003	0.0 U	51352	.138	.179	-22.9	51956	.300	.340	-11.8
18708	.009	.010	-10.0	51355	.116	.141	-17.7	51957	.420	.410	2.4
18834	.132	.161	-18.0	51356	.850	1.050	-19.0	51958	.390	.530	-26.4
18911	.017	.020	-15.0	51357	.430	.540	-20.4	51960	.420	.490	-14.3
18912	.027	.029	-6.9	51358	.175	.211	-17.1	51970	.250	.247	1.2
18920	.016	.019	-15.8	51359	1.010	1.160	-12.9	51982	.099	.116	-14.7
45771	.220	.220	0.0	51370	6.020	6.570	-8.4	51986	.128	.155	-17.4
45819	.060	.081	-25.9 L	51380	.072	.088	-18.2	51999	.540	.630	-14.3
45900	.052	.070	-25.7 L	51500	.125	.149	-16.1	52002	.112	.126	-11.1
45901	.060	.065	-7.7	51550	.410	.480	-14.6	52075	.290	.340	-14.7
49239	.830	.990	-16.2	51551	1.060	1.140	-7.0	52134	.750	.760	-1.3
49617	.156	.161	-3.1	51552	.169	.173	-2.3	52315	.270	.290	-6.9
49618	.039	.046	-15.2	51575	.028	.035	-20.0	52433	1.460	1.660	-12.0
49619	.080	.080	0.0	51576	.100	.138	-27.5 L	52469	.100	.096	4.2
50010	.820	1.060	-22.6	51600	.232	.290	-20.0	52505	.224	.250	-10.4
51001	.530	.620	-14.5	51613	.200	.270	-25.9	52547	.093	.099	-6.1

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LOSS COST % CHANGE BY CLASS

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52581	5.330	7.390	-27.9 L	56391	.360	.420	-14.3	58397	.970	.990	-2.0
52744	.126	.117	7.7	56427	.146	.172	-15.1	58503	.077	.071	8.5
52911	.680	.770	-11.7	56488	.039	.039	0.0	58575	.143	.167	-14.4
52967	.074	.085	-12.9	56690	.420	.490	-14.3	58627	.022	.030	-26.7 L
53001	.380	.440	-13.6	56699	.051	.062	-17.7	58663	1.870	1.710	9.4
53077	.248	.280	-11.4	56758	.178	.214	-16.8	58737	1.010	.990	2.0
53121	.540	.650	-16.9	56759	.118	.144	-18.1	58802	.500	.570	-12.3
53333	.238	.250	-4.8	56760	.127	.147	-13.6	58837	.132	.153	-13.7
53374	.450	.470	-4.3	56912	.105	.084	25.0 U	58840	.128	.149	-14.1
53375	.244	.250	-2.4	56916	.196	.260	-24.6	58873	.034	.038	-10.5
53376	.212	.238	-10.9	57001	.014	.014	0.0	58904	.152	.177	-14.1
53377	.270	.330	-18.2	57002	.130	.161	-19.3	58922	.241	.227	6.2
53565	.158	.207	-23.7	57090	.710	.820	-13.4	59005	.108	.137	-21.2
53631	.025	.029	-13.8	57146	.730	.860	-15.1	59188	.065	.075	-13.3
53632	.040	.046	-13.0	57257	.050	.040	25.0 U	59189	.350	.410	-14.6
53732	.600	.700	-14.3	57401	.113	.131	-13.7	59223	.087	.099	-12.1
53733	.260	.290	-10.3	57403	.041	.048	-14.6	59257	.021	.028	-25.0 L
53907	.139	.155	-10.3	57410	.188	.260	-27.7 L	59378	.175	.203	-13.8
54077	.390	.350	11.4	57572	.107	.118	-9.3	59481	.101	.121	-16.5
55010	1.250	1.370	-8.8	57600	.039	.047	-17.0	59537	.172	.181	-5.0
55011	1.140	1.290	-11.6	57611	.075	.089	-15.7	59601	3.050	2.720	12.1
55012	1.320	1.440	-8.3	57651	.050	.066	-24.2	59647	.205	.249	-17.7
55013	1.050	1.180	-11.0	57690	.640	.820	-22.0	59660	1.200	1.110	8.1
55214	.103	.119	-13.4	57716	.106	.129	-17.8	59701	.227	.250	-9.2
55371	.158	.200	-21.0	57725	.094	.094	0.0	59713	.370	.400	-7.5
55597	1.990	2.170	-8.3	57726	.019	.022	-13.6	59722	.036	.041	-12.2
55647	.080	.110	-27.3 L	57810	.126	.146	-13.7	59723	.044	.051	-13.7
55715	.270	.320	-15.6	57871	.127	.139	-8.6	59724	.031	.039	-20.5
55716	.590	.610	-3.3	57913	.430	.590	-27.1 L	59725	.103	.117	-12.0
55802	.013	.017	-23.5	57998	.067	.079	-15.2	59726	.026	.028	-7.1
55918	4.300	5.280	-18.6	57999	.081	.093	-12.9	59738	.077	.090	-14.4
55919	4.860	5.900	-17.6	58095	1.950	2.030	-3.9	59750	.280	.310	-9.7
56040	.057	.078	-26.9 L	58096	1.060	1.150	-7.8	59773	.032	.037	-13.5
56202	.126	.159	-20.8	58301	.086	.090	-4.4	59774	.175	.203	-13.8
56390	.620	.620	0.0	58302	.064	.075	-14.7	59775	.211	.230	-8.3

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LOSS COST % CHANGE BY CLASS

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59781	.088	.110	-20.0	91341	3.420	3.270	4.6	96409	10.000	9.110	9.8
59782	.690	.910	-24.2	91342	3.700	3.670	0.8	96410	7.520	8.310	-9.5
59798	.530	.550	-3.6	91343	1.050	1.000	5.0	96611	1.300	1.170	11.1
59886	.131	.155	-15.5	91436	2.180	2.480	-12.1	97221	1.220	1.660	-26.5
59889	.169	.198	-14.6	91507	3.380	3.920	-13.8	97222	2.360	2.820	-16.3
59904	.080	.101	-20.8	91551	.600	.730	-17.8	97223	3.300	3.170	4.1
59905	.138	.150	-8.0	91555	.920	1.110	-17.1	97447	3.790	3.920	-3.3
59914	.700	.760	-7.9	91560	4.190	3.980	5.3	97650	3.540	3.990	-11.3
59915	.880	.970	-9.3	91577	2.480	2.930	-15.4	97651	3.670	4.190	-12.4
59917	.164	.154	6.5	91746	5.350	6.150	-13.0	97652	3.700	4.230	-12.5
59923	.007	.009	-22.2 L	92053	.430	.450	-4.4	97653	2.330	2.360	-1.3
59925	1.060	1.250	-15.2	92054	.234	.280	-16.4	97654	2.550	2.880	-11.5
59926	.490	.590	-16.9	92055	.234	.280	-16.4	97655	4.860	5.660	-14.1
59927	1.710	1.710	0.0	92101	2.330	2.390	-2.5	98002	.970	1.160	-16.4
59931	.690	.790	-12.7	92102	2.530	2.770	-8.7	98152	.360	.370	-2.7
59932	1.110	1.340	-17.2	92215	2.950	2.860	3.1	98157	.390	.500	-22.0
59947	.390	.440	-11.4	92338	1.750	1.700	2.9	98163	.270	.360	-25.0 L
59955	.171	.200	-14.5	92446	1.700	1.950	-12.8	98164	.088	.120	-26.7 L
59963	.540	.670	-19.4	92447	1.520	1.770	-14.1	98303	8.460	8.120	4.2
59964	.066	.075	-12.0	92451	1.750	1.760	-0.6	98304	3.120	3.140	-0.6
59970	.212	.249	-14.9	92478	1.700	1.730	-1.7	98305	1.490	1.460	2.1
59975	.237	.230	3.0	94007	4.450	5.290	-15.9	98306	.900	1.080	-16.7
59984	.064	.072	-11.1	94276	4.260	4.540	-6.2	98307	.510	.590	-13.6
59988	.069	.080	-13.7	94381	16.200	18.700	-13.4	98308	.590	.500	18.0
59989	.052	.060	-13.3	94404	5.640	7.720	-26.9 L	98309	2.540	2.990	-15.1
91111	4.920	4.960	-0.8	94569	2.400	2.660	-9.8	98344	.700	.730	-4.1
91125	2.100	2.870	-26.8 L	95124	.680	.750	-9.3	98449	19.900	18.500	7.6
91127	1.550	1.960	-20.9	95310	1.580	2.160	-26.9 L	98482	6.720	7.160	-6.1
91150	4.940	5.220	-5.4	95410	2.600	2.540	2.4	98483	17.500	18.200	-3.8
91155	32.100	31.100	3.2	95455	1.510	1.740	-13.2	98502	3.260	3.490	-6.6
91235	2.220	2.540	-12.6	95505	1.960	2.320	-15.5	98636	3.360	3.360	0.0
91265	3.550	4.860	-27.0 L	95625	2.830	2.990	-5.4	98659	.460	.620	-25.8 L
91266	.900	1.220	-26.2 L	95647	5.670	5.830	-2.7	98677	9.320	11.000	-15.3
91280	2.650	3.630	-27.0 L	96053	4.250	4.740	-10.3	98678	12.100	13.900	-12.9
91340	7.540	7.980	-5.5	96408	13.300	17.300	-23.1	98805	1.080	1.260	-14.3

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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	2.760	3.120	-11.5								
98813	2.280	2.220	2.7								
98820	3.250	3.850	-15.6								
98884	1.280	1.450	-11.7								
98914	.680	.920	-26.1 L								
98949	.360	.490	-26.5 L								
98967	6.130	7.050	-13.0								
98993	4.510	5.720	-21.2								
99003	1.030	.830	24.1 U								
99004	1.610	1.710	-5.8								
99080	7.270	6.760	7.5								
99163	.540	.730	-26.0 L								
99315	1.420	1.650	-13.9								
99321	2.240	2.460	-8.9								
99613	2.090	2.370	-11.8								
99650	.780	.790	-1.3								
99746	2.320	2.620	-11.5								
99803	7.630	10.000	-23.7								
99826	.490	.540	-9.3								
99827	.540	.640	-15.6								
99946	2.570	2.750	-6.5								
99948	25.800	27.700	-6.9								
99952	17.400	16.400	6.1								
99953	10.000	10.600	-5.7								
99954	11.300	11.200	0.9								
99955	11.200	15.300	-26.8 L								
99969	2.030	2.040	-0.5								

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SECTION B
EXPLANATORY MATERIAL
TABLE OF CONTENTS

• Methodology Overview	B-2-8
• Explanatory Notes to Determination of Indicated Loss Cost Level Change	B-9
• Explanatory Notes to Relative Change Analysis	B-10-16
• Explanatory Notes to Implicit Package Modification Factors	B-17
• Explanation of Exposure Development	B-18-19
• Explanation of Loss Development	B-20-21
• Explanation of Allocated Loss Adjustment Expense (ALAE) Development	B-22-24
• Explanation of Modified Bondy Method	B-25
• Unallocated Loss Adjustment Factor Methodology	B-26
• Explanation of Trend Calculation	B-27-28
• Credibility Standards	B-29-30
• Explanatory Notes to Class Groups and Differentials -- Premises/Operations	B-31
• Explanatory Notes to Class Groups and Calculation of Proposed Class Loss Costs -- Products	B-32
• Explanatory Notes to Class Groups and Calculation of Proposed Class Loss Costs -- Local Products/Completed Operations	B-33

METHODOLOGY OVERVIEW
OVERVIEW OF ISO ACTUARIAL PROCEDURES - GENERAL LIABILITY

INTRODUCTION

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

STEP 1:
DETERMINATION
OF INDICATED
LOSS COST
LEVEL CHANGES

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

STEP 2:
DISTRIBUTION OF
BASIC LIMIT LOSS
COST LEVEL
INDICATION

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

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

METHODOLOGY OVERVIEW
OVERVIEW OF ISO ACTUARIAL PROCEDURES - GENERAL LIABILITY

STEP 3:
APPLICATION OF
PERCENTAGE
CHANGES

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

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

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

METHODOLOGY OVERVIEW
OVERVIEW OF ISO ACTUARIAL PROCEDURES - GENERAL LIABILITY

STEP 1 - DETERMINATION OF INDICATED LOSS COST LEVEL CHANGE

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

METHODOLOGY OVERVIEW
OVERVIEW OF ISO ACTUARIAL PROCEDURES - GENERAL LIABILITY

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

INCURRED
LOSSES
& LAE

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

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

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

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

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

EXPERIENCE
RATIO

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

EXPECTED
EXPERIENCE
RATIO

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

METHODOLOGY OVERVIEW
OVERVIEW OF ISO ACTUARIAL PROCEDURES - GENERAL LIABILITY

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

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

STEP 2 - DISTRIBUTION OF BASIC LIMIT LOSS COST LEVEL INDICATION

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

METHODOLOGY OVERVIEW
OVERVIEW OF ISO ACTUARIAL PROCEDURES - GENERAL LIABILITY

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

PRODUCTS(Cont'd)

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

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

LOCAL PRODUCTS/
COMPLETED
OPERATIONS

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

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

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

EXPLANATORY NOTES TO DETERMINATION OF INDICATED
LOSS COST LEVEL CHANGE

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

The loss cost level indication is based upon a review of the latest three years of basic limit experience of companies reporting to Insurance Services Office, Inc. For Premises/Operations, data for accident years ending September 30, 2015, 2016 and 2017 are weighted 20%, 30% and 50% respectively. For Products/Completed Operations, multistate data for accident years ending December 31, 2014, 2015 and 2016 are weighted 20%, 30% and 50% respectively.

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

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

EXPLANATORY NOTES TO RELATIVE CHANGE ANALYSIS

OBJECTIVES

The objectives of this procedure are to:

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

EXPERIENCE BASE

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

SIMULTANEOUS DETERMINATION OF RATING VARIABLE RELATIVE CHANGES

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

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

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

RATING VARIABLES USED

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

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

EXPLANATORY NOTES TO RELATIVE CHANGE ANALYSIS

ITERATIVE PROCEDURE

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

For Owners, Landlords and Tenants:

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

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

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

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

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

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

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

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

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

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

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

n is the number of class groups in the analysis;

p is the number of territories in the analysis;

EXPLANATORY NOTES TO RELATIVE CHANGE ANALYSIS

ITERATIVE PROCEDURE (Cont'd)

For Manufacturers and Contractors, and Products:

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

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

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

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

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

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

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

and j^{th} class group;

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

n is the number of class groups in the analysis;

EXPLANATORY NOTES TO RELATIVE CHANGE ANALYSIS

ITERATIVE PROCEDURE (Cont'd)

For Local Products/Completed Operations:

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

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

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

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

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

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

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

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

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

n is the number of class groups in the analysis;

p is the number of states in the analysis;

EXPLANATORY NOTES TO RELATIVE CHANGE ANALYSIS

ITERATIVE PROCEDURE (Cont'd)

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

APPLICATION OF CREDIBILITY

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

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

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

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

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

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

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

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

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

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

W is the credibility-weighted relative change.

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

EXPLANATORY NOTES TO RELATIVE CHANGE ANALYSIS

MULTILINE CONSIDERATIONS

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

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

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

MONOLINE INDICATIONS -- PREMISES/ OPERATIONS

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

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

Territory applies to Owners, Landlords and Tenants only.

MONOLINE INDICATIONS -- PRODUCTS

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

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

EXPLANATORY NOTES TO RELATIVE CHANGE ANALYSIS

MONOLINE INDICATIONS -- LOCAL PRODUCTS/ COMPLETED OPERATIONS

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

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

EXPLANATORY NOTES TO
IMPLICIT PACKAGE MODIFICATION FACTORS

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

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

EXPLANATION OF EXPOSURE DEVELOPMENT

IMPORTANCE OF APPLICATION

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

APPLICATION OF EXPOSURE DEVELOPMENT FACTORS

The earned exposures underlying the Premises/Operations statewide loss cost level indications are evaluated as of December 31, 2017. Products/Completed Operations data is evaluated as of March 31, 2017.

For example, the accident year ending December 31, 2016 includes all exposures earned during the period from January 1, 2016 through December 31, 2016.

The immature experience reported as of 15 and 27 months for accident years ending 9/30/2017 and 9/30/2016 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, 2017 for Premises/ Operations and March 31, 2017 for Products/Completed Operations.

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

EXPLANATION OF EXPOSURE DEVELOPMENT

APPLICATION OF EXPOSURE DEVELOPMENT FACTORS (Cont'd)

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

EXPLANATION OF LOSS DEVELOPMENT

IMPORTANCE OF APPLICATION

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

APPLICATION OF LOSS DEVELOPMENT FACTORS

The incurred losses and allocated loss adjustment expenses underlying the Premises/Operations statewide loss cost level indications were evaluated as of December 31, 2017. Products/Completed Operations data is evaluated as of March 31, 2017.

For example, the accident year ending December 31, 2016 includes all losses and allocated loss adjustment expenses paid on accidents occurring from January 1, 2016 through December 31, 2016 and all losses and loss adjustment expenses outstanding on those policies as of March 31, 2017, 15 months after the inception of the accident year.

The immature experience reported as of 15, 27 and 39 months for accident years ending 9/30/2017, 9/30/2016 and 9/30/2015 must be adjusted to an ultimate settlement basis. This adjustment is accomplished through the use of a loss development factor.

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

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

EXPLANATION OF LOSS DEVELOPMENT

APPLICATION OF LOSS DEVELOPMENT FACTORS (Cont'd)

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

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

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

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

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

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

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

EXPLANATION OF ALLOCATED LOSS ADJUSTMENT EXPENSE (ALAE) DEVELOPMENT

OBJECTIVE

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

Traditional development procedures customarily used for losses apply a loss development factor to reported losses at various evaluation points. For example, a '15-month to ultimate' factor would be applied to the losses for accident year ended September 30, 2017 evaluated as of December 31, 2017. If an analogous procedure is used for ALAE, the variability of the experience can lead to unusually high (or low) estimates of ultimate ALAE.

INCREMENTAL ALAE PERCENTAGES

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

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

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

EXPLANATION OF ALLOCATED LOSS ADJUSTMENT EXPENSE (ALAE) DEVELOPMENT

DESCRIPTION OF METHODOLOGY

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

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

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

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

APPLICATION

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

These calculations are shown in Section E - Loss Development.

EXPLANATION OF ALLOCATED LOSS ADJUSTMENT EXPENSE (ALAE) DEVELOPMENT

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

EXPLANATION OF MODIFIED BONDY METHOD

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

Accident Year	171 to 183 Months	183 to 195 Months	195 to 207 Months	207 to 219 Months	219 to 231 Months	231 to 243 Months	243 Months To Ultimate
1992	A	G	L	P	S	U	Z*
1993	B	H	M	Q	T	Y*	
1994	C	I	N	R	X*	Y*	
1995	D	J	O	W*	X*	Y*	
1996	E	K	V*	W*	X*	Y*	
1997	F						
Best 3 out of 5#	BTOF1	BTOF2	BTOF3	BTOF4	BTOF5	BTOF6	

* Calculated using the Modified Bondy Procedure.

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

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

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

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

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

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

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

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

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

UNALLOCATED LOSS ADJUSTMENT FACTOR METHODOLOGY

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

EXPLANATION OF TREND CALCULATION

EXPOSURE TREND

The exposure bases for most Premises/Operations and Products/Completed Operations classes are inflation sensitive. In order to provide aggregate loss costs at current level, reported exposures must be trended to reflect the anticipated exposure levels. For M&C, exposures are forecasted based upon econometric models for sales by manufacturers and average hourly earnings of contracting workers developed by Moody's Analytics. For OL&T Class Group 16 exposures are forecasted based upon econometric models of a year-ended quarterly price deflator of state and local government expenditures developed by Moody's Analytics. The exposure trend for OL&T Class Groups 1-13 is based upon the average annual growth rates in consumption components. This data was also supplied by Moody's Analytics. For Premises/Operations exposure trend detail, see Section E - Trend Data.

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

SEVERITY TREND

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

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

SEVERITY
TREND
(Cont'd)

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

FREQUENCY
TREND

The historical occurrence frequency data are displayed in the Trend Data exhibits in Sections E, F, and G. For Premises/Operations, these pages display the frequency data for CGL only for accident years ending 6/30/2004-6/30/2017. For Products/Completed Operations, these pages display the frequency data for CGL only for accident years ending 12/31/2003-12/31/2016. The Premises/Operations experience includes occurrences arising from fringe coverages. In this review, multistate number of occurrences contained in the trend exhibits are based on reported paid counts 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 negative frequency trends for Manufacturers and Contractors and Owners, Landlords and Tenants. We have selected a negative frequency trend for Products, while for Local Products/ Completed Operations, we continue to select 0.0% given the limited trend and cyclicity going back to 2003. These selections are consistent with a measured approach toward frequency trend selections, which reflects the difficulty of predicting turning points for cyclical and volatile data along with the amplifying effects that varying frequency trend selections have on indicated loss cost level changes.

CREDIBILITY STANDARDS

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

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

The rule for Owners, Landlords and Tenants is:

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

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

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

For Manufacturers and Contractors:

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

For Owners, Landlords and Tenants:

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

For Products:

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

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

CREDIBILITY STANDARDS

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

SECTION C
CALCULATION OF INDICATIONS
TABLE OF CONTENTS

Determination of Indicated Loss Cost Level Change:

- | | |
|---------------------------------------|-----|
| • Manufacturers and Contractors | C-2 |
| • Owners, Landlords and Tenants | C-3 |
| • Products | C-4 |
| • Local Products/Completed Operations | C-5 |

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
09/30/2015	\$14,577,730	\$13,642,028	0.20	0.936	598
09/30/2016	14,747,296	10,186,048	0.30	0.691	520
09/30/2017	15,308,382	14,458,182	0.50	0.944	569

(7)	WEIGHTED EXPERIENCE RATIO	0.867
(8)	EXPECTED EXPERIENCE RATIO (SEE FOOTNOTE C)	1.011
(9)	CREDIBILITY BASED ON LATEST THREE YEARS NUMBER OF INCURRED OCCURRENCES (SEE SECTION B - CREDIBILITY STANDARDS)	0.51
(10)	CREDIBILITY-WEIGHTED EXPERIENCE RATIO { (7) X (9) } + { (8) X {1.0 - (9)} }	0.938
(11)	INDICATED MONOLINE-MULTILINE LOSS COST LEVEL CHANGE { (10) - 1 } X 100%	- 6.2 %
(12)	STATEWIDE INDICATED MONOLINE CHANGE (SEE SECTION D - BASIC LIMIT RELATIVE CHANGE ANALYSIS)	- 1.0 %
(13)	STATEWIDE SELECTED MONOLINE CHANGE	- 1.0 %

- (A) THESE ARE CALCULATED BY SUMMING OVER THE CLASSES THE PRODUCTS OF REPORTED EXPOSURES, EXPOSURE TREND AND DEVELOPMENT, AND \$100,000 BASIC LIMIT LOSS COSTS AT CURRENT ISO LEVEL. FOR DETAILS, SEE SECTION E - CALCULATION OF AGGREGATE LOSS COSTS AT CURRENT LEVEL.
- (B) INCLUDING ALL LOSS ADJUSTMENT EXPENSES AND DEVELOPED TO AN ULTIMATE BASIS. IN ADDITION, ACCIDENT YEAR LOSSES HAVE BEEN TRENDED FROM THE AVERAGE DATE OF COVERAGE TO ONE YEAR BEYOND AN ASSUMED EFFECTIVE DATE OF 04/01/2019. FOR DETAILS, SEE SECTION E - CALCULATION OF INCURRED LOSSES.
- (C) THE EXPECTED EXPERIENCE RATIO IS THE NET TREND (1.011). THE NET TREND IS THE ANNUAL NET TREND FACTOR (1.011) TO AN EXPONENT (1.000), THE PERIOD FROM ONE YEAR BEYOND THE LAST REVIEW OR EFFECTIVE DATE (04/01/2019) TO ONE YEAR BEYOND THE ASSUMED EFFECTIVE DATE (04/01/2020).

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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
09/30/2015	\$10,964,581	\$10,617,803	0.20	0.968	813
09/30/2016	11,436,673	10,896,669	0.30	0.953	814
09/30/2017	11,559,775	11,450,994	0.50	0.991	819

(7)	WEIGHTED EXPERIENCE RATIO	0.975
(8)	EXPECTED EXPERIENCE RATIO (SEE FOOTNOTE C)	1.022
(9)	CREDIBILITY BASED ON LATEST THREE YEARS NUMBER OF INCURRED OCCURRENCES (SEE SECTION B - CREDIBILITY STANDARDS)	0.64
(10)	CREDIBILITY-WEIGHTED EXPERIENCE RATIO { (7) X (9) } + { (8) X { 1.0 - (9) } }	0.992
(11)	INDICATED MONOLINE-MULTILINE LOSS COST LEVEL CHANGE { (10) - 1 } X 100%	- 0.8 %
(12)	STATEWIDE INDICATED MONOLINE CHANGE (SEE SECTION D - BASIC LIMIT RELATIVE CHANGE ANALYSIS)	- 3.3 %
(13)	STATEWIDE SELECTED MONOLINE CHANGE	- 3.3 %

(A) THESE ARE CALCULATED BY SUMMING OVER THE CLASSES THE PRODUCTS OF REPORTED EXPOSURES, EXPOSURE TREND AND DEVELOPMENT, AND \$100,000 BASIC LIMIT LOSS COSTS AT CURRENT ISO LEVEL. FOR DETAILS, SEE SECTION 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 04/01/2019. FOR DETAILS, SEE SECTION E - CALCULATION OF INCURRED LOSSES.

(C) THE EXPECTED EXPERIENCE RATIO IS THE NET TREND (1.022). THE NET TREND IS THE ANNUAL NET TREND FACTOR (1.022) TO AN EXPONENT (1.000), THE PERIOD FROM ONE YEAR BEYOND THE LAST REVIEW OR EFFECTIVE DATE (04/01/2019) TO ONE YEAR BEYOND THE ASSUMED EFFECTIVE DATE (04/01/2020).

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PRODUCTS
SUBLINE CODE 336
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 LIMITS INCURRED LOSSES (B)	YEAR WEIGHTS	EXPERIENCE RATIO	NUMBER OF INCURRED OCCURRENCES
12/31/2014	\$133,328,352	\$150,998,819	0.20	1.133	2,446
12/31/2015	140,789,345	133,116,024	0.30	0.945	2,245
12/31/2016	148,806,857	132,992,946	0.50	0.894	2,227

(7)	WEIGHTED EXPERIENCE RATIO	0.957
(8)	INDICATED MULTISTATE MONOLINE-MULTILINE LOSS COST LEVEL CHANGE {(7)-1.00}X 100%	- 4.3 %
(9)	INDICATED MULTISTATE MONOLINE CHANGE (SEE SECTION D - BASIC LIMIT RELATIVE CHANGE ANALYSIS)	- 8.0 %
(10)	INDICATED STATEWIDE MONOLINE CHANGE (SEE FOOTNOTE C)	- 8.2 %
(11)	SELECTED STATEWIDE MONOLINE CHANGE.....	- 8.2 %

- (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 07/01/2018.
- (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) .

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LOCAL PRODUCTS/COMPLETED OPERATIONS
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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
12/31/2014	\$327,156,279	\$320,317,104	0.20	0.979	6,648
12/31/2015	339,653,615	326,286,236	0.30	0.961	6,297
12/31/2016	355,491,242	291,183,734	0.50	0.819	5,957
(7)	WEIGHTED EXPERIENCE RATIO.....				0.894
(8)	INDICATED MULTISTATE MONOLINE-MULTILINE LOSS COST LEVEL CHANGE { (7) - 1.00 } x 100%.....				- 10.6 %
(9)	INDICATED MULTISTATE MONOLINE CHANGE (SEE SECTION D - BASIC LIMIT RELATIVE CHANGE ANALYSIS).....				- 10.3 %
(10)	INDICATED STATEWIDE MONOLINE CHANGE (C) (SEE SECTION D - BASIC LIMIT RELATIVE CHANGE ANALYSIS).....				- 6.6 %
(11)	SELECTED STATEWIDE MONOLINE CHANGE.....				- 6.6 %
(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 07/01/2018.				
(C)	THE INDICATED STATEWIDE MONOLINE CHANGE IS CALCULATED BASED ON THE INDICATED MULTISTATE MONOLINE CHANGE.				

SECTION D

RELATIVE CHANGE ANALYSIS

TABLE OF CONTENTS

Manufacturers and Contractors

- Basic Limit Relative Change Analysis
With Monoline Indicated Loss Cost Level Changes by Class Group D-2
- Summary of Experience Used in Relative Change Analysis D-3-4

Owners, Landlords and Tenants

- Basic Limit Relative Change Analysis
With Monoline Indicated Loss Cost Level Changes
by Class Group and Territory D-5-6
- Summary of Experience Used in Relative Change Analysis D-7-14

Products

- Basic Limit Relative Change Analysis
With Monoline Indicated Loss Cost Level Changes by Class Group D-15
- Summary of Experience Used in Relative Change Analysis D-16

Local Products/Completed Operations

- Basic Limit Relative Change Analysis
With Monoline Indicated Loss Cost Level Changes by Class Group D-17
- Relative Change Analysis by State D-18
- Summary of Experience Used in Relative Change Analysis D-19-20

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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 0.938 OR - 6.2%	
TOP						
10	1.301	0.211	1.057	1.055		
33	0.734	0.034	0.990	0.988		
34	0.989	0.093	0.999	0.997		
35	1.394	0.053	1.018	1.016		
36	1.328	0.145	1.042	1.040		
37	0.438	0.127	0.900	0.899		
38	1.053	0.273	1.014	1.013		
					(5) INDICATED MONOLINE CHANGE	
CLASS GROUP						
30	1.343	0.097	1.029	1.031	+	2.0%
31	1.114	0.163	1.018	1.019	+	0.9%
32	0.990	0.281	0.997	0.999	-	1.1%
33	0.914	0.110	0.990	0.992	-	1.8%
34	0.880	0.123	0.984	0.986	-	2.4%
35	1.267	0.042	1.010	1.011	+	0.1%
36	0.837	0.082	0.985	0.987	-	2.3%
37	1.142	0.079	1.011	1.012	+	0.2%
38	0.886	0.109	0.987	0.988	-	2.2%
OVERALL MONOLINE INDICATION					-	1.0%

* 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. 09/30/2017 AGGREGATE LOSS COSTS AT CURRENT LEVEL	(2) FISCAL A.Y.E. 2013 - 2017 AGG LOSS COST CURRENT LEVEL	(3) FIVE YEAR EXPERIENCE RATIO	(4) RELATIV.	(5) NUMBER OF OCCURRENCES	(6) BAL CELL RELATIV.
10 MONOLINE	30 SERVICE	\$144,041	\$514,342	2.085	2.301	33	1.088
	31 LIGHT CONTRACTING	289,715	1,300,014	1.480	1.634	65	1.076
	32 MEDIUM CONTRCTING	1,912,994	9,292,240	1.053	1.163	470	1.054
	33 HEAVY CONTRACTING	483,313	1,815,922	0.904	0.998	63	1.046
	34 DEALER OR DISTRIB	324,494	1,392,243	1.074	1.186	56	1.040
	35 LGT. MANUFACTURER	105,272	385,427	1.436	1.585	9	1.067
	36 MED. MANUFACTURER	263,150	1,217,596	1.295	1.429	32	1.042
	37 HVY. MANUFACTURER	237,007	1,332,719	1.598	1.764	35	1.068
	38 MISC. OPERATION	240,993	1,166,749	1.180	1.302	44	1.043
	TOTAL *	\$4,000,979	\$18,417,252	1.171		807	
33 MULT OFFICE	31 LIGHT CONTRACTING	\$3,079	\$40,949	0.228	0.252	2	1.007
	32 MEDIUM CONTRCTING	32,565	102,432	0.000	0.000	0	0.987
	33 HEAVY CONTRACTING	74,779	426,734	0.688	0.759	7	0.980
	38 MISC. OPERATION	118,215	542,674	0.734	0.810	12	0.976
	TOTAL *	\$228,638	\$1,112,789	0.607		21	
34 MULT MERCANTILE	30 SERVICE	\$40,380	\$204,823	5.029	5.551	8	1.028
	32 MEDIUM CONTRCTING	109,458	548,999	0.350	0.387	17	0.996
	34 DEALER OR DISTRIB	762,504	3,658,038	0.340	0.375	81	0.983
	36 MED. MANUFACTURER	60	243	0.000	0.000	0	0.984
	38 MISC. OPERATION	94,951	431,448	3.384	3.735	51	0.986
	TOTAL *	\$1,007,353	\$4,843,551	0.816		157	
35 MULT INSTITUT.	31 LIGHT CONTRACTING	\$22,311	\$109,557	0.529	0.584	7	1.036
	32 MEDIUM CONTRCTING	145,425	703,311	1.385	1.529	45	1.015
	TOTAL *	\$167,736	\$812,868	1.271		52	
36 MULT SERVICES	30 SERVICE	\$57,960	\$422,964	0.346	0.382	28	1.072
	31 LIGHT CONTRACTING	106,386	648,386	1.272	1.404	80	1.060
	32 MEDIUM CONTRCTING	132,078	629,335	1.515	1.672	25	1.039
	33 HEAVY CONTRACTING	28,159	282,517	2.043	2.255	12	1.032
	34 DEALER OR DISTRIB	293,249	1,376,301	2.178	2.404	134	1.026
	36 MED. MANUFACTURER	10,402	68,889	0.021	0.023	1	1.027
	38 MISC. OPERATION	585,031	2,702,834	0.542	0.598	103	1.028
	TOTAL *	\$1,213,265	\$6,131,226	1.128		383	

WISCONSIN
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. 09/30/2017 AGGREGATE LOSS COSTS AT CURRENT LEVEL	(2) FISCAL A.Y.E. 2013 - 2017 AGG LOSS COST CURRENT LEVEL	(3) FIVE YEAR EXPERIENCE RATIO	(4) RELATIV.	(5) NUMBER OF OCCURRENCES	(6) BAL CELL RELATIV.
37 MULT INDUST/PROC.	31 LIGHT CONTRACTING	\$936	\$3,812	0.000	0.000	0	0.916
	32 MEDIUM CONTRCTING	277,547	1,399,402	0.930	1.027	69	0.898
	33 HEAVY CONTRACTING	187,608	963,392	0.224	0.247	20	0.891
	34 DEALER OR DISTRIB	26,950	157,908	0.381	0.421	5	0.886
	35 LGT. MANUFACTURER	165,342	866,336	0.539	0.595	23	0.909
	36 MED. MANUFACTURER	1,325,188	6,110,782	0.278	0.307	91	0.887
	37 HVY. MANUFACTURER	1,295,633	6,287,229	0.406	0.449	79	0.910
	38 MISC. OPERATION	31,190	142,004	0.393	0.433	6	0.888
	TOTAL *	\$3,310,394	\$15,930,865	0.395		293	
38 MULT CONTRACTORS	30 SERVICE	\$591,061	\$2,733,904	1.022	1.128	101	1.043
	31 LIGHT CONTRACTING	982,084	4,734,895	1.043	1.151	329	1.032
	32 MEDIUM CONTRCTING	2,966,499	14,694,887	0.974	1.075	799	1.011
	33 HEAVY CONTRACTING	797,337	3,693,034	0.968	1.069	116	1.004
	38 MISC. OPERATION	33,870	160,855	1.124	1.240	1	1.001
	TOTAL *	\$5,370,851	\$26,017,575	0.992		1,346	
TOTAL ALL TOP	30 SERVICE	\$833,442	\$3,876,033	1.353		170	
	31 LIGHT CONTRACTING	1,404,511	6,837,613	1.140		483	
	32 MEDIUM CONTRCTING	5,576,566	27,370,606	1.005		1,425	
	33 HEAVY CONTRACTING	1,571,196	7,181,599	0.865		218	
	34 DEALER OR DISTRIB	1,407,197	6,584,490	0.893		276	
	35 LGT. MANUFACTURER	270,614	1,251,763	0.888		32	
	36 MED. MANUFACTURER	1,598,800	7,397,510	0.444		124	
	37 HVY. MANUFACTURER	1,532,640	7,619,948	0.591		114	
	38 MISC. OPERATION	1,104,250	5,146,564	0.960		217	
	TOTAL *	\$15,299,216	\$73,266,126	0.906		3,059	

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

WISCONSIN
OWNERS, LANDLORDS AND TENANTS
BASIC LIMIT RELATIVE CHANGE ANALYSIS

	(1) BAILEY FORMULA RELATIV.	(2) CREDIBILITY Z	(3) Z-WTD RELATIV.	(4) BALANCED RELATIV.	STATEWIDE COVERAGE IND. OF 0.992 OR - 0.8%	
TOP						
10	0.904	0.224	0.978	0.978		
31	0.478	0.110	0.922	0.922		
32	1.533	0.175	1.078	1.078		
33	0.906	0.189	0.982	0.982		
34	0.964	0.201	0.993	0.993		
35	1.157	0.254	1.038	1.038		
36	0.879	0.137	0.983	0.983		
					(5) INDICATED MONOLINE CHANGE	
CLASS GROUP						
01	1.078	0.116	1.009	1.015	-	2.3%
02	0.714	0.092	0.969	0.976	-	5.4%
03	0.458	0.096	0.928	0.934	-	9.5%
04	1.075	0.035	1.003	1.009	-	1.9%
05	0.452	0.054	0.958	0.964	-	5.3%
06	1.257	0.075	1.017	1.024	-	0.5%
07	1.774	0.107	1.063	1.070	+	3.5%
08	2.026	0.048	1.034	1.041	+	0.5%
09	2.462	0.144	1.139	1.146	+	11.4%
10	0.892	0.270	0.970	0.976	-	5.8%
11	0.835	0.176	0.969	0.975	-	5.2%
12	0.970	0.250	0.992	0.999	-	3.1%
13	1.363	0.084	1.026	1.033	-	0.1%
16	0.603	0.058	0.971	0.977	-	6.2%

OVERALL MONOLINE INDICATION - 3.3%

* Monoline/multiline ALCCCL 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

	(1)	(2)	(3)	(4)	(5)
	BAILEY				
TERRITORY	FORMULA	CREDIBILITY	Z-WTD	BALANCED	INDICATED
	RELATIV.	Z	RELATIV.	RELATIV.	MONOLINE CHG.
501	0.941	0.201	0.988	0.993	- 4.1%
502	1.229	0.196	1.041	1.046	+ 1.5%
503	0.963	0.417	0.984	0.989	- 4.2%

* 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

SUMMARY OF EXPERIENCE USED IN RELATIVE CHANGE ANALYSIS

TERRITORY 501

TYPE OF POLICY	CLASS GROUP	(1) FISCAL A.Y.E. 09/30/2017 AGGREGATE LOSS COSTS AT CURRENT LEVEL	(2) FISCAL A.Y.E. 2013 - 2017 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)	\$13,458	\$26,697	0.289	0.275	2	0.986
	02 RESTAURANTS	14,875	65,977	0.529	0.503	9	0.947
	03 STORES	5,993	67,893	2.314	2.197	2	0.906
	04 VENDING & RENTAL	12,686	21,966	0.000	0.000	0	0.980
	05 FOOD & BEV. DIST.	47	7,384	0.000	0.000	0	0.936
	06 NON-FOOD&BEV.DIST	8,600	46,221	0.059	0.056	1	0.994
	07 CLUBS, AMSMT&SPRTS	15,109	62,743	7.515	7.136	10	1.039
	08 HEALTH CARE FACIL	1,812	12,277	0.000	0.000	0	1.011
	09 HOTELS AND MOTELS	21,911	200,138	1.460	1.386	19	1.112
	10 SCHLS & CHURCHES	54,884	406,823	1.116	1.060	30	0.948
	11 APARTMENTS	83,720	392,708	0.453	0.431	9	0.947
	12 BUILDINGS&OFFICES	263,984	1,073,309	1.044	0.992	50	0.970
	13 MISC. PREMISES	3,246	17,646	0.000	0.000	0	1.003
	TOTAL *	\$500,325	\$2,401,782	1.092		132	
31 MULT MOTEL/HOTEL	09 HOTELS AND MOTELS	\$43,297	\$157,269	1.242	1.179	23	1.049
	TOTAL *	\$43,297	\$157,269	1.242		23	
32 MULT APARTMENT	11 APARTMENTS	\$581,307	\$2,752,493	1.091	1.036	142	1.043
	12 BUILDINGS&OFFICES	41,792	219,012	1.300	1.235	15	1.069
	TOTAL *	\$623,099	\$2,971,505	1.105		157	
33 MULT OFFICE	12 BUILDINGS&OFFICES	\$510,845	\$2,572,822	0.915	0.869	108	0.973
	13 MISC. PREMISES	3,734	15,017	0.000	0.000	0	1.007
	TOTAL *	\$514,579	\$2,587,839	0.909		108	
34 MULT MERCANTILE	01 FOOD&BEV. (RETAIL)	\$14,793	\$84,337	4.782	4.541	22	1.001
	02 RESTAURANTS	95,800	399,151	0.748	0.710	40	0.962
	03 STORES	56,937	259,537	0.482	0.457	9	0.920
	04 VENDING & RENTAL	4,859	27,239	0.031	0.029	0	0.995
	05 FOOD & BEV. DIST.	10,095	51,438	0.345	0.328	2	0.950
	06 NON-FOOD&BEV.DIST	71,945	307,859	0.542	0.514	11	1.009
	12 BUILDINGS&OFFICES	101,114	566,979	0.375	0.356	27	0.984
	TOTAL *	\$355,543	\$1,696,540	0.704		111	

WISCONSIN
OWNERS, LANDLORDS AND TENANTS
BASIC LIMIT RELATIVE CHANGE ANALYSIS

SUMMARY OF EXPERIENCE USED IN RELATIVE CHANGE ANALYSIS

TERRITORY 501

		(1)	(2)	(3)	(4)	(5)	(6)
		FISCAL A.Y.E. 09/30/2017 AGGREGATE	FISCAL A.Y.E. 2013 - 2017	FIVE YEAR EXPERIENCE		NUMBER OF	BAL CELL
TYPE OF POLICY	CLASS GROUP	LOSS COSTS AT CURRENT LEVEL	AGG LOSS COST CURRENT LEVEL	RATIO	RELATIV.	OCCURRENCES	RELATIV.
35 MULT INSTITUT.	07 CLUBS, AMSMT&SPRTS	\$1,235	\$5,340	0.000	0.000	0	1.103
	08 HEALTH CARE FACIL	5,219	36,960	5.769	5.478	8	1.073
	10 SCHLS & CHURCHES	264,822	1,343,993	1.068	1.014	122	1.006
	12 BUILDINGS&OFFICES	396	3,089	0.000	0.000	0	1.029
	13 MISC. PREMISES	0	13,974	0.000	0.000	0	1.064
	TOTAL *	\$271,672	\$1,403,356	1.152		130	
36 MULT SERVICES	03 STORES	\$9,123	\$64,550	0.204	0.194	2	0.911
	04 VENDING & RENTAL	8,829	47,283	4.704	4.467	3	0.984
	07 CLUBS, AMSMT&SPRTS	54,509	221,654	1.374	1.305	18	1.044
	08 HEALTH CARE FACIL	8	53	0.000	0.000	0	1.016
	09 HOTELS AND MOTELS	373	3,206	0.000	0.000	0	1.118
	10 SCHLS & CHURCHES	197	1,250	1.786	1.695	1	0.952
	12 BUILDINGS&OFFICES	72,248	328,291	1.406	1.335	34	0.974
	13 MISC. PREMISES	95,793	297,358	0.788	0.748	12	1.008
	TOTAL *	\$241,080	\$963,645	1.227		70	
TOTAL ALL TOP	01 FOOD&BEV. (RETAIL)	\$28,251	\$111,034	2.642		24	
	02 RESTAURANTS	110,675	465,128	0.719		49	
	03 STORES	72,053	391,980	0.599		13	
	04 VENDING & RENTAL	26,374	96,488	1.580		3	
	05 FOOD & BEV. DIST.	10,142	58,822	0.344		2	
	06 NON-FOOD&BEV.DIST	80,545	354,080	0.490		12	
	07 CLUBS, AMSMT&SPRTS	70,853	289,737	2.660		28	
	08 HEALTH CARE FACIL	7,039	49,290	4.278		8	
	09 HOTELS AND MOTELS	65,581	360,613	1.307		42	
	10 SCHLS & CHURCHES	319,903	1,752,066	1.077		153	
	11 APARTMENTS	665,027	3,145,201	1.011		151	
	12 BUILDINGS&OFFICES	990,379	4,763,502	0.946		234	
	13 MISC. PREMISES	102,773	343,995	0.734		12	
	TOTAL *	\$2,549,595	\$12,181,936	1.026		731	

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

WISCONSIN
OWNERS, LANDLORDS AND TENANTS
BASIC LIMIT RELATIVE CHANGE ANALYSIS

SUMMARY OF EXPERIENCE USED IN RELATIVE CHANGE ANALYSIS

TERRITORY 502

TYPE OF POLICY	CLASS GROUP	(1) FISCAL A.Y.E. 09/30/2017 AGGREGATE LOSS COSTS AT CURRENT LEVEL	(2) FISCAL A.Y.E. 2013 - 2017 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)	\$3,682	\$5,981	1.729	1.642	4	1.039
	02 RESTAURANTS	9,729	67,716	0.114	0.109	3	0.998
	03 STORES	16,080	59,221	1.313	1.247	6	0.955
	04 VENDING & RENTAL	2,344	11,707	0.000	0.000	0	1.032
	05 FOOD & BEV. DIST.	33,240	162,664	0.112	0.106	5	0.987
	06 NON-FOOD&BEV.DIST	19,915	67,210	0.124	0.118	4	1.048
	07 CLUBS, AMSMT&SPRTS	15,672	70,790	0.840	0.798	13	1.095
	08 HEALTH CARE FACIL	1,275	5,695	0.000	0.000	0	1.065
	09 HOTELS AND MOTELS	17,366	198,593	1.607	1.526	22	1.172
	10 SCHLS & CHURCHES	39,542	527,966	1.237	1.175	30	0.999
	11 APARTMENTS	66,451	243,444	1.390	1.319	13	0.998
	12 BUILDINGS&OFFICES	162,238	594,339	1.134	1.077	41	1.022
	13 MISC. PREMISES	21,765	86,240	0.794	0.754	5	1.057
	TOTAL *	\$409,299	\$2,101,566	1.022		146	
31 MULT MOTEL/HOTEL	09 HOTELS AND MOTELS	\$112,919	\$472,453	1.885	1.790	38	1.106
	TOTAL *	\$112,919	\$472,453	1.885		38	
32 MULT APARTMENT	11 APARTMENTS	\$334,737	\$1,475,315	1.652	1.568	103	1.099
	12 BUILDINGS&OFFICES	12,295	51,240	0.462	0.439	2	1.126
	TOTAL *	\$347,032	\$1,526,555	1.610		105	
33 MULT OFFICE	12 BUILDINGS&OFFICES	\$393,553	\$2,147,568	1.386	1.316	109	1.026
	13 MISC. PREMISES	2,006	8,329	0.000	0.000	0	1.061
	TOTAL *	\$395,559	\$2,155,897	1.379		109	
34 MULT MERCANTILE	01 FOOD&BEV. (RETAIL)	\$20,184	\$245,623	0.816	0.775	36	1.055
	02 RESTAURANTS	69,005	240,246	0.848	0.806	19	1.014
	03 STORES	86,094	360,026	0.258	0.245	28	0.970
	04 VENDING & RENTAL	4,591	20,904	0.000	0.000	0	1.048
	05 FOOD & BEV. DIST.	58,320	335,707	0.596	0.566	10	1.002
	06 NON-FOOD&BEV.DIST	61,239	250,261	0.972	0.923	18	1.064
	12 BUILDINGS&OFFICES	59,331	360,175	1.338	1.271	21	1.038
	TOTAL *	\$358,764	\$1,812,942	0.755		132	

WISCONSIN
OWNERS, LANDLORDS AND TENANTS
BASIC LIMIT RELATIVE CHANGE ANALYSIS

SUMMARY OF EXPERIENCE USED IN RELATIVE CHANGE ANALYSIS

TERRITORY		502	(1)	(2)	(3)	(4)	(5)	(6)
			FISCAL A.Y.E. 09/30/2017 AGGREGATE LOSS COSTS AT CURRENT LEVEL	FISCAL A.Y.E. 2013 - 2017 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	\$150	\$1,009	0.000	0.000	0	1.162
		08 HEALTH CARE FACIL	4,360	32,263	2.448	2.324	6	1.131
		10 SCHLS & CHURCHES	131,941	601,073	1.372	1.303	111	1.060
		13 MISC. PREMISES	0	183	0.000	0.000	0	1.122
		16 GOVT SUBDIVISIONS	1,862	11,129	0.694	0.659	1	1.061
		TOTAL *	\$138,313	\$645,657	1.395		118	
36 MULT SERVICES		03 STORES	\$7,519	\$57,244	2.572	2.442	2	0.960
		04 VENDING & RENTAL	8,176	38,774	0.319	0.303	3	1.037
		07 CLUBS, AMSMT&SPRTS	42,417	180,326	1.724	1.637	13	1.100
		08 HEALTH CARE FACIL	32	93	0.000	0.000	0	1.070
		09 HOTELS AND MOTELS	276	4,929	0.126	0.120	2	1.178
		10 SCHLS & CHURCHES	836	2,496	1.013	0.962	1	1.003
		12 BUILDINGS&OFFICES	14,750	90,106	3.643	3.459	18	1.027
		13 MISC. PREMISES	10,374	60,828	0.398	0.378	6	1.062
		TOTAL *	\$84,380	\$434,796	1.823		45	
TOTAL ALL TOP		01 FOOD&BEV. (RETAIL)	\$23,866	\$251,604	0.957		40	
		02 RESTAURANTS	78,734	307,962	0.758		22	
		03 STORES	109,693	476,491	0.571		36	
		04 VENDING & RENTAL	15,111	71,385	0.172		3	
		05 FOOD & BEV. DIST.	91,560	498,371	0.420		15	
		06 NON-FOOD&BEV.DIST	81,154	317,471	0.764		22	
		07 CLUBS, AMSMT&SPRTS	58,239	252,125	1.481		26	
		08 HEALTH CARE FACIL	5,667	38,051	1.883		6	
		09 HOTELS AND MOTELS	130,561	675,975	1.844		62	
		10 SCHLS & CHURCHES	172,319	1,131,535	1.339		142	
		11 APARTMENTS	401,188	1,718,759	1.608		116	
		12 BUILDINGS&OFFICES	642,167	3,243,428	1.352		191	
		13 MISC. PREMISES	34,145	155,580	0.627		11	
		16 GOVT SUBDIVISIONS	1,862	11,129	0.694		1	
		TOTAL *	\$1,846,266	\$9,149,866	1.274		693	

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

WISCONSIN
OWNERS, LANDLORDS AND TENANTS
BASIC LIMIT RELATIVE CHANGE ANALYSIS

SUMMARY OF EXPERIENCE USED IN RELATIVE CHANGE ANALYSIS

TERRITORY 503

TYPE OF POLICY	CLASS GROUP	(1) FISCAL A.Y.E. 09/30/2017 AGGREGATE LOSS COSTS AT CURRENT LEVEL	(2) FISCAL A.Y.E. 2013 - 2017 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)	\$86,546	\$320,830	0.456	0.433	17	0.982
	02 RESTAURANTS	81,631	262,609	0.784	0.744	19	0.944
	03 STORES	60,132	453,249	0.481	0.457	24	0.903
	04 VENDING & RENTAL	3,223	21,439	1.581	1.501	2	0.976
	05 FOOD & BEV. DIST.	11,072	65,974	0.012	0.012	1	0.933
	06 NON-FOOD&BEV.DIST	49,661	178,951	1.311	1.245	6	0.990
	07 CLUBS, AMSMT&SPRTS	78,369	419,128	2.217	2.105	40	1.035
	08 HEALTH CARE FACIL	5,541	53,870	0.360	0.342	5	1.007
	09 HOTELS AND MOTELS	93,068	459,079	2.831	2.688	102	1.108
	10 SCHLS & CHURCHES	425,865	2,671,706	0.698	0.662	203	0.944
	11 APARTMENTS	154,495	495,093	0.806	0.765	24	0.943
	12 BUILDINGS&OFFICES	583,613	2,185,400	0.655	0.622	126	0.966
	13 MISC. PREMISES	103,851	536,398	2.204	2.093	59	0.999
	16 GOVT SUBDIVISIONS	3,458	3,579	0.000	0.000	0	0.945
	TOTAL *	\$1,740,525	\$8,127,305	0.962		628	
31 MULT MOTEL/HOTEL	09 HOTELS AND MOTELS	\$276,602	\$1,416,052	1.035	0.983	157	1.045
	TOTAL *	\$276,602	\$1,416,052	1.035		157	
32 MULT APARTMENT	11 APARTMENTS	\$760,152	\$3,807,150	1.423	1.351	267	1.039
	12 BUILDINGS&OFFICES	56,688	302,382	2.112	2.006	28	1.065
	TOTAL *	\$816,840	\$4,109,532	1.471		295	
33 MULT OFFICE	12 BUILDINGS&OFFICES	\$1,282,742	\$6,063,410	0.814	0.773	427	0.970
	13 MISC. PREMISES	11,221	42,447	0.101	0.095	2	1.003
	TOTAL *	\$1,293,963	\$6,105,857	0.808		429	
34 MULT MERCANTILE	01 FOOD&BEV. (RETAIL)	\$308,800	\$1,515,701	1.083	1.028	163	0.997
	02 RESTAURANTS	207,952	938,663	0.673	0.639	65	0.958
	03 STORES	352,325	1,611,586	0.385	0.366	76	0.917
	04 VENDING & RENTAL	11,277	48,706	0.980	0.930	3	0.991
	05 FOOD & BEV. DIST.	114,134	434,239	0.594	0.564	36	0.947
	06 NON-FOOD&BEV.DIST	172,560	856,359	1.880	1.785	63	1.006
	12 BUILDINGS&OFFICES	272,236	1,524,030	0.979	0.929	81	0.981
	TOTAL *	\$1,439,284	\$6,929,284	0.889		487	

WISCONSIN
OWNERS, LANDLORDS AND TENANTS
BASIC LIMIT RELATIVE CHANGE ANALYSIS

SUMMARY OF EXPERIENCE USED IN RELATIVE CHANGE ANALYSIS

TERRITORY 503

		(1)	(2)	(3)	(4)	(5)	(6)
		FISCAL A.Y.E. 09/30/2017 AGGREGATE	FISCAL A.Y.E. 2013 - 2017	FIVE YEAR EXPERIENCE		NUMBER OF	BAL CELL
TYPE OF POLICY	CLASS GROUP	LOSS COSTS AT CURRENT LEVEL	AGG LOSS COST CURRENT LEVEL	RATIO	RELATIV.	OCCURRENCES	RELATIV.
35 MULT INSTITUT.	07 CLUBS, AMSMT&SPRTS	\$23,191	\$123,028	0.343	0.326	12	1.099
	08 HEALTH CARE FACIL	40,668	306,964	2.363	2.244	23	1.069
	10 SCHLS & CHURCHES	1,013,311	4,798,152	1.059	1.005	816	1.002
	12 BUILDINGS&OFFICES	2,853	14,497	1.511	1.435	3	1.025
	13 MISC. PREMISES	1,346	52,909	0.000	0.000	0	1.061
	16 GOVT SUBDIVISIONS	182,319	815,020	0.720	0.684	61	1.003
	TOTAL *	\$1,263,688	\$6,110,570	1.038		915	
36 MULT SERVICES	03 STORES	\$54,774	\$287,452	0.503	0.478	17	0.908
	04 VENDING & RENTAL	15,099	89,416	0.905	0.859	12	0.981
	07 CLUBS, AMSMT&SPRTS	223,834	1,011,317	1.352	1.284	103	1.040
	08 HEALTH CARE FACIL	62	252	0.000	0.000	0	1.012
	09 HOTELS AND MOTELS	16,503	217,411	1.393	1.322	13	1.114
	10 SCHLS & CHURCHES	2,176	8,048	0.000	0.000	0	0.949
	12 BUILDINGS&OFFICES	49,870	278,914	1.318	1.251	37	0.971
	13 MISC. PREMISES	59,231	263,963	1.137	1.080	45	1.004
	TOTAL *	\$421,549	\$2,156,773	1.186		227	
TOTAL ALL TOP	01 FOOD&BEV. (RETAIL)	\$395,346	\$1,836,531	0.945		180	
	02 RESTAURANTS	289,583	1,201,272	0.704		84	
	03 STORES	467,231	2,352,287	0.411		117	
	04 VENDING & RENTAL	29,599	159,561	1.007		17	
	05 FOOD & BEV. DIST.	125,206	500,213	0.543		37	
	06 NON-FOOD&BEV.DIST	222,221	1,035,310	1.753		69	
	07 CLUBS, AMSMT&SPRTS	325,394	1,553,473	1.488		155	
	08 HEALTH CARE FACIL	46,271	361,086	2.120		28	
	09 HOTELS AND MOTELS	386,173	2,092,542	1.483		272	
	10 SCHLS & CHURCHES	1,441,352	7,477,906	0.950		1,019	
	11 APARTMENTS	914,647	4,302,243	1.319		291	
	12 BUILDINGS&OFFICES	2,248,002	10,368,633	0.837		702	
	13 MISC. PREMISES	175,649	895,717	1.693		106	
	16 GOVT SUBDIVISIONS	185,777	818,599	0.707		61	
	TOTAL *	\$7,252,451	\$34,955,373	1.006		3,138	

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

WISCONSIN
OWNERS, LANDLORDS AND TENANTS
BASIC LIMIT RELATIVE CHANGE ANALYSIS

SUMMARY OF EXPERIENCE USED IN RELATIVE CHANGE ANALYSIS

TERRITORY	ALL	(1) FISCAL A.Y.E. 09/30/2017 AGGREGATE LOSS COSTS AT CURRENT LEVEL	(2) FISCAL A.Y.E. 2013 - 2017 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)	\$103,686	\$353,508	0.479		23	
	02 RESTAURANTS	106,235	396,302	0.687		31	
	03 STORES	82,205	580,363	0.777		32	
	04 VENDING & RENTAL	18,253	55,112	0.279		2	
	05 FOOD & BEV. DIST.	44,359	236,022	0.087		6	
	06 NON-FOOD&BEV.DIST	78,176	292,382	0.871		11	
	07 CLUBS, AMSMT&SPRTS	109,150	552,661	2.753		63	
	08 HEALTH CARE FACIL	8,628	71,842	0.231		5	
	09 HOTELS AND MOTELS	132,345	857,810	2.443		143	
	10 SCHLS & CHURCHES	520,291	3,606,495	0.783		263	
	11 APARTMENTS	304,666	1,131,245	0.836		46	
	12 BUILDINGS&OFFICES	1,009,835	3,853,048	0.834		217	
	13 MISC. PREMISES	128,862	640,284	1.910		64	
	16 GOVT SUBDIVISIONS	3,458	3,579	0.000		0	
	TOTAL *	\$2,650,149	\$12,630,653	0.996		906	
31 MULT MOTEL/HOTEL	09 HOTELS AND MOTELS	\$432,818	\$2,045,774	1.277		218	
	TOTAL *	\$432,818	\$2,045,774	1.277		218	
32 MULT APARTMENT	11 APARTMENTS	\$1,676,196	\$8,034,958	1.354		512	
	12 BUILDINGS&OFFICES	110,775	572,634	1.623		45	
	TOTAL *	\$1,786,971	\$8,607,592	1.370		557	
33 MULT OFFICE	12 BUILDINGS&OFFICES	\$2,187,140	\$10,783,800	0.941		644	
	13 MISC. PREMISES	16,961	65,793	0.067		2	
	TOTAL *	\$2,204,101	\$10,849,593	0.934		646	
34 MULT MERCANTILE	01 FOOD&BEV. (RETAIL)	\$343,777	\$1,845,661	1.226		221	
	02 RESTAURANTS	372,757	1,578,060	0.725		124	
	03 STORES	495,356	2,231,149	0.374		113	
	04 VENDING & RENTAL	20,727	96,849	0.540		3	
	05 FOOD & BEV. DIST.	182,549	821,384	0.581		48	
	06 NON-FOOD&BEV.DIST	305,744	1,414,479	1.383		92	
	12 BUILDINGS&OFFICES	432,681	2,451,184	0.887		129	
	TOTAL *	\$2,153,591	\$10,438,766	0.836		730	

WISCONSIN
OWNERS, LANDLORDS AND TENANTS
BASIC LIMIT RELATIVE CHANGE ANALYSIS

SUMMARY OF EXPERIENCE USED IN RELATIVE CHANGE ANALYSIS

TERRITORY	ALL	(1) FISCAL A.Y.E. 09/30/2017 AGGREGATE LOSS COSTS AT CURRENT LEVEL	(2) FISCAL A.Y.E. 2013 - 2017 AGG LOSS COST CURRENT LEVEL	(3) FIVE YEAR EXPERIENCE RATIO	(4) RELATIV.	(5) NUMBER OF OCCURRENCES	(6) BAL CELL RELATIV.
TYPE OF POLICY	CLASS GROUP						
35 MULT INSTITUT.	07 CLUBS, AMSMT&SPRTS	\$24,576	\$129,377	0.324		12	
	08 HEALTH CARE FACIL	50,247	376,187	2.724		37	
	10 SCHLS & CHURCHES	1,410,074	6,743,218	1.090		1,049	
	12 BUILDINGS&OFFICES	3,249	17,586	1.327		3	
	13 MISC. PREMISES	1,346	67,066	0.000		0	
	16 GOVT SUBDIVISIONS	184,181	826,149	0.720		62	
	TOTAL *	\$1,673,673	\$8,159,583	1.086		1,163	
36 MULT SERVICES	03 STORES	\$71,416	\$409,246	0.683		21	
	04 VENDING & RENTAL	32,104	175,473	1.800		18	
	07 CLUBS, AMSMT&SPRTS	320,760	1,413,297	1.405		134	
	08 HEALTH CARE FACIL	102	398	0.000		0	
	09 HOTELS AND MOTELS	17,152	225,546	1.342		15	
	10 SCHLS & CHURCHES	3,209	11,794	0.373		2	
	12 BUILDINGS&OFFICES	136,868	697,311	1.615		89	
	13 MISC. PREMISES	165,398	622,149	0.889		63	
	TOTAL *	\$747,009	\$3,555,214	1.271		342	
TOTAL ALL	TOP						
	01 FOOD&BEV. (RETAIL)	\$447,463	\$2,199,169	1.053		244	
	02 RESTAURANTS	478,992	1,974,362	0.716		155	
	03 STORES	648,977	3,220,758	0.459		166	
	04 VENDING & RENTAL	71,084	327,434	1.042		23	
	05 FOOD & BEV. DIST.	226,908	1,057,406	0.485		54	
	06 NON-FOOD&BEV.DIST	383,920	1,706,861	1.279		103	
	07 CLUBS, AMSMT&SPRTS	454,486	2,095,335	1.670		209	
	08 HEALTH CARE FACIL	58,977	448,427	2.355		42	
	09 HOTELS AND MOTELS	582,315	3,129,130	1.544		376	
	10 SCHLS & CHURCHES	1,933,574	10,361,507	1.006		1,314	
	11 APARTMENTS	1,980,862	9,166,203	1.274		558	
	12 BUILDINGS&OFFICES	3,880,548	18,375,563	0.950		1,127	
	13 MISC. PREMISES	312,567	1,395,292	1.261		129	
	16 GOVT SUBDIVISIONS	187,639	829,728	0.707		62	
	TOTAL *	\$11,648,312	\$56,287,175	1.053		4,562	

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

WISCONSIN
PRODUCTS
BASIC LIMIT RELATIVE CHANGE ANALYSIS

	(1) BAILEY FORMULA RELATIV.	(2) CREDIBILITY Z	(3) Z-WTD RELATIV.	(4) BALANCED RELATIV.	MULTISTATE COVERAGE IND. OF 0.957 OR - 4.3%		
TOP							
10	0.908	0.385	0.964	0.961			
34	1.062	0.394	1.024	1.021			
36	0.945	0.198	0.989	0.986			
37	1.036	0.541	1.019	1.017			
CLASS GROUP					(5) INDICATED MULTISTATE MONOLINE CHANGE	(6) INDICATED STATEWIDE MONOLINE CHANGE#*	(7) SELECTED STATEWIDE MONOLINE CHANGE
3	0.939	0.535	0.967	0.971	- 10.7%	- 12.2%	- 12.2%
4	1.062	0.425	1.026	1.029	- 5.3%	- 4.4%	- 4.4%
5	1.158	0.132	1.020	1.023	- 5.9%	- 9.3%	- 9.3%
6	0.984	0.341	0.995	0.998	- 8.2%	- 6.3%	- 6.3%
7	0.957	0.186	0.992	0.995	- 8.4%	- 6.0%	- 6.0%
			OVERALL MONOLINE INDICATION		- 8.0%	- 8.2%	- 8.2%

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) CALENDAR A.Y.E. 12/31/2016 AGGREGATE LOSS COSTS AT CURRENT LEVEL	(2) CALENDAR A.Y.E. 2012 - 2016 AGG LOSS COST CURRENT LEVEL	(3) FIVE YEAR EXPERIENCE RATIO	(4) RELATIV.	(5) NUMBER OF OCCURRENCES	(6) BAL CELL RELATIV.
10 MONOLINE	03 MAN, DLR, DSTFD/DRG	\$21,602,530	\$83,447,793	0.852	0.787	1,581	0.933
	04 DLR, DST-NOTFD/DRG	9,679,270	41,811,675	1.278	1.182	666	0.990
	05 MAN.NTFD/DRG (LOW)	1,692,267	7,299,063	0.767	0.709	64	0.984
	06 MAN.NTFD/DRG (MED)	10,333,678	44,740,395	0.937	0.867	509	0.960
	07 MAN.NTFD/DRG (HGH)	2,805,495	12,365,722	1.011	0.935	148	0.957
	TOTAL *	\$46,113,240	\$189,664,648	0.967		2,968	
34 MULT MERCANTILE	03 MAN, DLR, DSTFD/DRG	\$5,884,889	\$28,782,063	1.470	1.359	936	0.991
	04 DLR, DST-NOTFD/DRG	32,124,091	153,045,789	1.148	1.061	2,174	1.051
	06 MAN.NTFD/DRG (MED)	15,743	64,180	0.000	0.000	0	1.019
	TOTAL *	\$38,024,723	\$181,892,032	1.197		3,110	
36 MULT SERVICES	04 DLR, DST-NOTFD/DRG	\$3,789,140	\$17,974,549	1.089	1.007	780	1.016
	06 MAN.NTFD/DRG (MED)	60,544	302,132	0.755	0.698	8	0.985
	TOTAL *	\$3,849,684	\$18,276,681	1.084		788	
37 MULT INDUST/PROC.	03 MAN, DLR, DSTFD/DRG	\$18,758,762	\$92,830,487	1.011	0.935	3,210	0.987
	05 MAN.NTFD/DRG (LOW)	3,999,375	22,161,197	1.454	1.345	287	1.040
	06 MAN.NTFD/DRG (MED)	30,062,799	137,041,119	1.114	1.030	1,814	1.015
	07 MAN.NTFD/DRG (HGH)	8,087,615	39,304,471	1.047	0.968	549	1.012
	TOTAL *	\$60,908,551	\$291,337,274	1.096		5,860	
TOTAL ALL TOP	03 MAN, DLR, DSTFD/DRG	\$46,246,181	\$205,060,343	0.995		5,727	
	04 DLR, DST-NOTFD/DRG	45,592,501	212,832,013	1.171		3,620	
	05 MAN.NTFD/DRG (LOW)	5,691,642	29,460,260	1.250		351	
	06 MAN.NTFD/DRG (MED)	40,472,764	182,147,826	1.068		2,331	
	07 MAN.NTFD/DRG (HGH)	10,893,110	51,670,193	1.038		697	
	TOTAL *	\$148,896,198	\$681,170,635	1.082		12,726	

* 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 0.894 OR - 10.6%		
TOP							
10	1.004	0.764	1.003	1.001			
34	1.045	0.588	1.026	1.025			
36	1.014	0.533	1.007	1.006			
37	0.935	0.146	0.990	0.989			
38	0.994	1.000	0.994	0.992			
					(5) INDICATED MULTISTATE MONOLINE CHANGE	(6) INDICATED STATEWIDE MONOLINE CHANGE#*	(7) SELECTED STATEWIDE MONOLINE CHANGE
CLASS GROUP							
1	0.852	0.596	0.909	0.903	- 18.8%	- 18.1%	- 16.5%
2	1.029	0.508	1.015	1.008	- 10.2%	- 6.6%	- 6.9%
11	1.067	0.341	1.022	1.015	- 9.7%	- 6.9%	- 6.2%
12	1.022	1.000	1.022	1.015	- 9.2%	- 5.5%	- 5.6%
13	0.802	0.282	0.940	0.933	- 16.5%	- 11.6%	- 11.6%
			OVERALL MONOLINE INDICATION		- 10.3%	- 6.6%	- 6.6%
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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.
	1.319	0.399	1.117	1.114		
	1.178	0.648	1.112	1.108		
	1.137	0.606	1.081	1.078		
	1.443	0.200	1.076	1.073		
	1.133	0.577	1.075	1.072		
	1.174	0.429	1.071	1.068		
	1.288	0.243	1.063	1.060		
	1.101	0.442	1.043	1.040		
Wisconsin	1.129	0.344	1.043	1.040	-6.6%	-6.6%
	1.093	0.371	1.034	1.031		
	1.088	0.381	1.033	1.030		
	1.129	0.256	1.032	1.029		
	1.206	0.162	1.031	1.028		
	1.056	0.508	1.028	1.025		
	1.118	0.206	1.023	1.020		
	1.126	0.166	1.020	1.017		
	1.043	0.224	1.009	1.007		
	1.032	0.251	1.008	1.005		
	1.004	0.291	1.001	0.998		
	1.005	0.228	1.001	0.998		
	0.997	0.274	0.999	0.996		
	0.968	0.150	0.995	0.992		
	0.979	0.474	0.990	0.987		
	0.958	0.229	0.990	0.987		
	0.966	0.333	0.989	0.986		
	0.954	0.247	0.988	0.986		
	0.971	0.363	0.989	0.986		
	0.886	0.104	0.988	0.985		
	0.965	0.336	0.988	0.985		
	0.964	0.347	0.987	0.984		
	0.955	0.307	0.986	0.983		
	0.968	0.428	0.986	0.983		
	0.963	0.462	0.983	0.980		
	0.773	0.097	0.975	0.972		
	0.933	0.385	0.974	0.971		
	0.837	0.161	0.972	0.969		
	0.933	0.512	0.965	0.963		
	0.879	0.281	0.965	0.962		
	0.901	0.382	0.961	0.958		
	0.831	0.230	0.958	0.956		
	0.759	0.166	0.955	0.952		
	0.526	0.076	0.952	0.950		
	0.757	0.206	0.944	0.941		
	0.699	0.168	0.942	0.939		
	0.837	0.337	0.942	0.939		
	0.474	0.085	0.939	0.936		
	0.680	0.164	0.939	0.936		
	0.705	0.188	0.936	0.934		
	0.849	0.407	0.936	0.933		
	0.809	0.350	0.928	0.926		
	0.788	0.594	0.868	0.865		
	0.731	0.502	0.854	0.852		

* 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

SUMMARY OF EXPERIENCE USED IN RELATIVE CHANGE ANALYSIS

TYPE OF POLICY	CLASS GROUP	(1) CALENDAR A.Y.E. 12/31/2016 AGGREGATE LOSS COSTS AT CURRENT LEVEL	(2) CALENDAR A.Y.E. 2012 - 2016 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	\$26,332	\$74,110	3.321	3.446	9	0.940
	02 RET.STRS-NTFD/DRG	25,166	118,441	2.473	2.565	12	1.049
	11 COMP. OPS. (LOW)	74,568	311,974	0.095	0.098	2	1.057
	12 COMP. OPS. (MED)	762,861	3,355,513	1.043	1.082	97	1.057
	13 COMP. OPS. (HGH)	111,085	418,392	0.692	0.718	10	0.971
	TOTAL *	\$1,000,012	\$4,278,430	1.029		130	
34 MULT MERCANTILE	01 RET.STRS-FOOD/DRG	\$75,692	\$355,887	0.505	0.524	30	0.962
	02 RET.STRS-NTFD/DRG	115,220	480,161	0.312	0.324	11	1.074
	12 COMP. OPS. (MED)	33,945	161,646	0.305	0.317	2	1.082
	TOTAL *	\$224,857	\$997,694	0.376		43	
36 MULT SERVICES	01 RET.STRS-FOOD/DRG	\$13,339	\$72,355	2.772	2.876	13	0.944
	02 RET.STRS-NTFD/DRG	147,934	587,501	0.733	0.760	39	1.054
	11 COMP. OPS. (LOW)	57,663	304,798	0.415	0.431	7	1.062
	12 COMP. OPS. (MED)	62,918	368,526	1.052	1.092	20	1.061
	13 COMP. OPS. (HGH)	27,239	148,894	0.301	0.312	4	0.976
	TOTAL *	\$309,093	\$1,482,074	0.788		83	
37 MULT INDUST/PROC.	01 RET.STRS-FOOD/DRG	\$650	\$3,513	0.000	0.000	0	0.928
	11 COMP. OPS. (LOW)	3,109	17,182	0.000	0.000	0	1.044
	12 COMP. OPS. (MED)	120,403	544,712	0.922	0.956	7	1.044
	TOTAL *	\$124,162	\$565,407	0.894		7	
38 MULT CONTRACTORS	11 COMP. OPS. (LOW)	\$193,632	\$970,728	1.434	1.488	22	1.048
	12 COMP. OPS. (MED)	2,511,404	12,497,457	1.162	1.205	343	1.047
	13 COMP. OPS. (HGH)	351,240	1,778,793	1.286	1.334	26	0.963
	TOTAL *	\$3,056,276	\$15,246,978	1.193		391	
TOTAL ALL TOP	01 RET.STRS-FOOD/DRG	\$116,013	\$505,865	1.402		52	
	02 RET.STRS-NTFD/DRG	288,320	1,186,103	0.717		62	
	11 COMP. OPS. (LOW)	328,972	1,604,682	0.938		31	
	12 COMP. OPS. (MED)	3,491,531	16,927,854	1.117		469	
	13 COMP. OPS. (HGH)	489,564	2,346,079	1.096		40	
	TOTAL *	\$4,714,400	\$22,570,583	1.085		654	

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

MULTISTATE
LOCAL PRODUCTS/COMPLETED OPERATIONS
BASIC LIMIT RELATIVE CHANGE ANALYSIS

SUMMARY OF EXPERIENCE USED IN RELATIVE CHANGE ANALYSIS

TYPE OF POLICY	CLASS GROUP	(1)	(2)	(3)	(4)	(5)	(6)
		CALENDAR A.Y.E. 12/31/2016 AGGREGATE LOSS COSTS AT CURRENT LEVEL	CALENDAR A.Y.E. 2012 - 2016 AGG LOSS COST CURRENT LEVEL	FIVE YEAR EXPERIENCE RATIO	RELATIV.	NUMBER OF OCCURRENCES	BAL CELL RELATIV.
10 MONOLINE	01 RET.STRS-FOOD/DRG	\$3,182,470	\$12,836,961	0.802		767	
	02 RET.STRS-NTFD/DRG	2,924,031	13,338,270	1.084		529	
	11 COMP. OPS. (LOW)	4,590,082	20,152,490	1.003		479	
	12 COMP. OPS. (MED)	89,807,887	402,728,315	1.020		6,697	
	13 COMP. OPS. (HGH)	9,315,286	47,098,800	0.569		288	
	TOTAL *	\$109,819,756	\$496,154,836	0.977		8,760	
34 MULT MERCANTILE	01 RET.STRS-FOOD/DRG	\$11,273,352	\$48,403,501	0.849		4,326	
	02 RET.STRS-NTFD/DRG	6,296,498	28,377,450	0.986		731	
	12 COMP. OPS. (MED)	2,181,403	11,063,115	1.184		135	
	TOTAL *	\$19,751,253	\$87,844,066	0.930		5,192	
36 MULT SERVICES	01 RET.STRS-FOOD/DRG	\$987,984	\$4,706,764	0.976		241	
	02 RET.STRS-NTFD/DRG	12,294,939	51,500,224	0.993		2,617	
	11 COMP. OPS. (LOW)	3,802,998	17,264,990	1.018		578	
	12 COMP. OPS. (MED)	4,612,981	22,645,594	0.873		739	
	13 COMP. OPS. (HGH)	1,135,617	6,185,367	1.014		99	
	TOTAL *	\$22,834,519	\$102,302,939	0.973		4,274	
37 MULT INDUST/PROC.	01 RET.STRS-FOOD/DRG	\$21,108	\$91,573	4.607		1	
	11 COMP. OPS. (LOW)	147,528	681,634	0.448		17	
	12 COMP. OPS. (MED)	4,476,886	21,707,150	0.929		305	
	13 COMP. OPS. (HGH)	51,521	451,549	0.415		1	
	TOTAL *	\$4,697,043	\$22,931,906	0.925		324	
38 MULT CONTRACTORS	11 COMP. OPS. (LOW)	\$9,387,261	\$43,651,462	1.034		677	
	12 COMP. OPS. (MED)	170,776,868	810,357,428	0.965		13,853	
	13 COMP. OPS. (HGH)	17,514,981	81,681,764	0.873		809	
	TOTAL *	\$197,679,110	\$935,690,654	0.960		15,339	
TOTAL ALL TOP	01 RET.STRS-FOOD/DRG	\$15,464,914	\$66,038,799	0.852		5,335	
	02 RET.STRS-NTFD/DRG	21,515,468	93,215,944	1.004		3,877	
	11 COMP. OPS. (LOW)	17,927,869	81,750,576	1.018		1,751	
	12 COMP. OPS. (MED)	271,856,025	1,268,501,602	0.983		21,729	
	13 COMP. OPS. (HGH)	28,017,405	135,417,480	0.777		1,197	
	TOTAL *	\$354,781,681	\$1,644,924,401	0.964		33,889	

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

SECTION E
SUPPORTING MATERIAL -- PREMISES/OPERATIONS

TABLE OF CONTENTS

Calculation of Aggregate Loss Costs at Current Level and Incurred Losses	E-2-7
Implicit Package Modification Factors	E-8-9
Calculation of Exposure Development Factors	E-10-15
Table of Contents - Loss Development	E-16
Loss Development Data	E-17-74
Multistate Review of ULAE Experience	E-75
Trend Summary	E-76
Trend Data	E-77-88
Class Groups and Differentials	E-89-99

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	09/30/2015	\$3,240,674		1.000		1.125				\$3,645,758
	09/30/2016	3,462,211		1.000		1.105				3,825,743
	09/30/2017	3,655,651		1.014		1.080				4,003,376
MULTILINE	09/30/2015	\$9,278,222		1.000		1.120		1.052		\$10,931,972
	09/30/2016	9,411,838		1.000		1.102		1.053		10,921,553
	09/30/2017	9,803,266		1.014		1.079		1.054		11,305,006
TOTAL	09/30/2015									\$14,577,730
	09/30/2016									14,747,296
	09/30/2017									15,308,382

+ 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 04/01/2019 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

REPORT TYPE	LOSS DESCRIPTION	ACCIDENT YEAR ENDING	\$100,000 BASIC LIMIT LOSSES AND ALAE*	X	B/L INDEMNITY DEVELOPMENT FACTOR	X	UNALLOCATED LOSS ADJ FACTOR	X	SEVERITY TREND	X	FREQUENCY TREND	=	\$100,000 BASIC LIMIT DEVELOPED & TRENDED LOSS AND LAE
BI	B/L INDEMNITY	09/30/2015	\$2,466,363		0.979		1.085		1.246		0.975		\$3,182,673
		09/30/2016	1,445,949		1.063		1.085		1.193		0.980		1,949,766
		09/30/2017	1,634,502		1.435		1.085		1.141		0.985		2,860,151
BI	ALAE	09/30/2015	\$954,661				1.085		1.246		0.975		\$1,258,350
		09/30/2016	872,502				1.085		1.193		0.980		1,106,784
		09/30/2017	1,467,737				1.085		1.141		0.985		1,789,781
PD	B/L INDEMNITY	09/30/2015	\$3,957,964		1.056		1.085		1.217		0.975		\$5,380,972
		09/30/2016	3,018,791		1.088		1.085		1.170		0.980		4,086,049
		09/30/2017	3,749,011		1.169		1.085		1.125		0.985		5,269,261
PD	ALAE	09/30/2015	\$1,886,887				1.085		1.217		0.975		\$2,429,242
		09/30/2016	1,775,069				1.085		1.170		0.980		2,208,294
		09/30/2017	1,984,886				1.085		1.125		0.985		2,386,459
MED PAY#	B/L INDEMNITY	09/30/2015	\$94,922				1.085		1.246		0.975		\$125,118
		09/30/2016	75,047				1.085		1.193		0.980		95,198
		09/30/2017	79,238				1.085		1.141		0.985		96,624
FRINGE	B/L INDEMNITY	09/30/2015	\$298,664		0.999		1.085		1.025		0.975		\$323,524
		09/30/2016	95,007		1.083		1.085		1.020		0.980		111,594
		09/30/2017	115,234		1.385		1.085		1.015		0.985		173,126
FRINGE	ALAE	09/30/2015	\$211,945				1.085		1.025		0.975		\$229,817
		09/30/2016	157,880				1.085		1.020		0.980		171,231
		09/30/2017	204,047				1.085		1.015		0.985		221,341
	TOTAL FULL COVERAGE	09/30/2015											\$12,929,696
		09/30/2016											9,728,917
		09/30/2017											12,796,744

* 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 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	09/30/2015	\$7,677		1.113		1.085		1.246	0.975	\$11,263
		09/30/2016	4,515		1.386		1.085		1.193	0.980	7,938
		09/30/2017	279,980		2.318		1.085		1.141	0.985	791,393
BI	ALAE	09/30/2015	\$2,678				1.085		1.246	0.975	\$3,530
		09/30/2016	1,569				1.085		1.193	0.980	1,990
		09/30/2017	239,343				1.085		1.141	0.985	291,859
PD	B/L INDEMNITY	09/30/2015	\$330,970		1.041		1.085		1.217	0.975	\$443,572
		09/30/2016	252,490		1.086		1.085		1.170	0.980	341,127
		09/30/2017	295,409		1.189		1.085		1.125	0.985	422,303
PD	ALAE	09/30/2015	\$197,229				1.085		1.217	0.975	\$253,919
		09/30/2016	85,266				1.085		1.170	0.980	106,076
		09/30/2017	119,511				1.085		1.125	0.985	143,690
MED PAY#	B/L INDEMNITY	09/30/2015	\$36				1.085		1.246	0.975	\$47
		09/30/2016	0				1.085		1.193	0.980	0
		09/30/2017	10,000				1.085		1.141	0.985	12,194
	TOTAL DED COVERAGE	09/30/2015									\$712,331
		09/30/2016									457,131
		09/30/2017									1,661,438
	TOTAL	09/30/2015									\$13,642,028
		09/30/2016									10,186,048
		09/30/2017									14,458,182

* 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	09/30/2015	\$2,385,613		1.000		1.011				\$2,411,855
	09/30/2016	2,570,825		1.000		1.008				2,591,392
	09/30/2017	2,601,315		1.005		1.006				2,630,007
MULTILINE	09/30/2015	\$8,704,480		1.000		1.014		0.969		\$8,552,726
	09/30/2016	9,028,939		1.000		1.011		0.969		8,845,281
	09/30/2017	9,087,809		1.005		1.009		0.969		8,929,768
TOTAL	09/30/2015									\$10,964,581
	09/30/2016									11,436,673
	09/30/2017									11,559,775

+ 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 04/01/2019 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 BASIC LIMIT LOSSES AND ALAE*	X	B/L INDEMNITY DEVELOPMENT FACTOR	X	UNALLOCATED LOSS ADJ FACTOR	X	SEVERITY TREND	X	FREQUENCY TREND	=	\$100,000 BASIC LIMIT DEVELOPED & TRENDED LOSS AND LAE
BI	B/L INDEMNITY	09/30/2015	\$4,798,996		0.931		1.085		1.217		0.927		\$5,468,902
		09/30/2016	5,033,102		0.947		1.085		1.170		0.941		5,693,652
		09/30/2017	5,380,200		0.926		1.085		1.125		0.956		5,813,659
BI	ALAE	09/30/2015	\$2,175,341				1.085		1.217		0.927		\$2,662,732
		09/30/2016	2,032,549				1.085		1.170		0.941		2,427,986
		09/30/2017	2,307,726				1.085		1.125		0.956		2,692,926
PD	B/L INDEMNITY	09/30/2015	\$651,602		1.024		1.085		1.246		0.927		\$836,199
		09/30/2016	542,287		0.989		1.085		1.193		0.941		653,259
		09/30/2017	565,248		1.021		1.085		1.141		0.956		683,027
PD	ALAE	09/30/2015	\$239,241				1.085		1.246		0.927		\$299,822
		09/30/2016	204,376				1.085		1.193		0.941		248,937
		09/30/2017	205,807				1.085		1.141		0.956		243,575
MED PAY#	B/L INDEMNITY	09/30/2015	\$937,122				1.085		1.217		0.927		\$1,147,087
		09/30/2016	956,657				1.085		1.170		0.941		1,142,777
		09/30/2017	1,057,947				1.085		1.125		0.956		1,234,537
FRINGE	B/L INDEMNITY	09/30/2015	\$37,348		1.049		1.085		1.131		0.927		\$44,567
		09/30/2016	135,395		1.208		1.085		1.104		0.941		184,356
		09/30/2017	89,890		1.550		1.085		1.077		0.956		155,649
FRINGE	ALAE	09/30/2015	\$119,996				1.085		1.131		0.927		\$136,502
		09/30/2016	434,436				1.085		1.104		0.941		489,682
		09/30/2017	257,383				1.085		1.077		0.956		287,530
	TOTAL FULL COVERAGE	09/30/2015											\$10,595,810
		09/30/2016											10,840,650
		09/30/2017											11,110,904

* 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

REPORT TYPE	LOSS DESCRIPTION	ACCIDENT YEAR ENDING	\$100,000 BASIC LIMIT LOSSES AND ALAE*	X	B/L INDEMNITY DEVELOPMENT FACTOR	X	UNALLOCATED LOSS ADJ FACTOR	X	SEVERITY TREND	X	FREQUENCY TREND	=	\$100,000 BASIC LIMIT DEVELOPED & TRENDED LOSS AND LAE
BI	B/L INDEMNITY	09/30/2015	\$2,078		1.007		1.085		1.217		0.927		\$2,561
		09/30/2016	14,607		1.134		1.085		1.170		0.941		19,787
		09/30/2017	156,456		1.439		1.085		1.125		0.956		262,720
BI	ALAE	09/30/2015	\$2,851				1.085		1.217		0.927		\$3,490
		09/30/2016	14,851				1.085		1.170		0.941		17,740
		09/30/2017	53,950				1.085		1.125		0.956		62,955
PD	B/L INDEMNITY	09/30/2015	\$0		1.133		1.085		1.246		0.927		\$0
		09/30/2016	5,510		1.173		1.085		1.193		0.941		7,872
		09/30/2017	3,118		1.234		1.085		1.141		0.956		4,554
PD	ALAE	09/30/2015	\$749				1.085		1.246		0.927		\$939
		09/30/2016	1,151				1.085		1.193		0.941		1,402
		09/30/2017	5,455				1.085		1.141		0.956		6,456
MED PAY#	B/L INDEMNITY	09/30/2015	\$12,257				1.085		1.217		0.927		\$15,003
		09/30/2016	7,716				1.085		1.170		0.941		9,217
		09/30/2017	2,918				1.085		1.125		0.956		3,405
	TOTAL DED COVERAGE	09/30/2015											\$21,993
		09/30/2016											56,019
		09/30/2017											340,090
	TOTAL	09/30/2015											\$10,617,803
		09/30/2016											10,896,669
		09/30/2017											11,450,994

* 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	1.079
34	Mercantile Policy	1.260
35	Institutional Policy	0.881
36	Service Policy	1.013
37	Industrial/Processing Policy	1.172
38	Contractors Policy	0.977

(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	1.000
32	Apartment House Policy	1.000
33	Office Policy	0.937
34	Mercantile Policy	0.977
35	Institutional Policy	0.983
36	Service Policy	0.929
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	1.023	1.010	0.6894	1.014	20,000,000
27 to 39 Months	1.000	1.000	0.4279	1.000	60,000,000
Accident Year Ending	<u>27:15</u>	Exposure Development From <u>39:27</u>	<u>ULT:39</u>		<u>Factor</u>
6/30/2015			1.000		1.000
6/30/2016		1.000	1.000		1.000
6/30/2017	1.014	1.000	1.000		1.014

(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

PREMISES/OPERATIONS
OWNERS LANDLORDS AND TENANTS

FULL & DEDUCTIBLE COMBINED
TOTAL LIMITS PREMIUM

CALCULATION OF EXPOSURE DEVELOPMENT FACTORS

(1) Evaluation Period	(2) Multistate Ratio (a)	(3) State Ratio (b)	(4) <u>Credibility (c)</u>	(5) Weighted Ratio (d)	(6) Credibility Constant(Ki)
15 to 27 Months	1.005	1.005	0.5479	1.005	45,000,000
27 to 39 Months	1.000	1.000	0.3528	1.000	100,000,000
Accident Year Ending	Exposure Development From				Factor
	<u>27:15</u>	<u>39:27</u>	<u>ULT:39</u>		
6/30/2015			1.000		1.000
6/30/2016		1.000	1.000		1.000
6/30/2017	1.005	1.000	1.000		1.005

(a) See Section E - Multistate Premium Development.

(b) See Section E - Statewide Premium Development.

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

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

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>
6/30/2010	13,102,013	13,190,881	13,182,385	13,182,177	13,184,379	13,183,803	13,183,803	13,183,515
6/30/2011	13,646,869	13,896,406	13,893,101	13,901,517	13,899,310	13,899,310	13,898,215	
6/30/2012	13,925,799	13,989,539	13,981,218	13,980,782	13,980,782	13,980,782		
6/30/2013	14,522,349	14,781,563	14,778,633	14,781,208	14,781,576			
6/30/2014	14,855,436	15,012,398	15,020,959	15,017,352				
6/30/2015	14,880,283	15,074,811	15,071,343					
6/30/2016	14,665,618	14,746,624						
6/30/2017	14,716,271							

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>
6/30/2010	1.007	0.999	1.000	1.000	1.000	1.000	1.000
6/30/2011	1.018	1.000	1.001	1.000	1.000	1.000	
6/30/2012	1.005	0.999	1.000	1.000	1.000		
6/30/2013	1.018	1.000	1.000	1.000			
6/30/2014	1.011	1.001	1.000				
6/30/2015	1.013	1.000					
6/30/2016	1.006						
6/30/2017							

Average Best 3 of 5

<u>27:15</u>	<u>39:27</u>
1.010	1.000

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>
6/30/2010	16,350,097	16,410,454	16,391,276	16,397,081	16,396,585	16,396,585	16,396,470	16,396,470
6/30/2011	16,658,650	16,773,055	16,774,332	16,773,275	16,773,275	16,773,449	16,773,449	
6/30/2012	17,244,088	17,433,888	17,432,733	17,434,551	17,434,567	17,434,573		
6/30/2013	18,068,587	18,314,601	18,312,881	18,309,198	18,309,304			
6/30/2014	18,213,144	18,170,459	18,166,662	18,167,929				
6/30/2015	17,960,975	18,019,403	18,026,876					
6/30/2016	18,356,669	18,398,783						
6/30/2017	18,668,213							

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>
6/30/2010	1.004	0.999	1.000	1.000	1.000	1.000	1.000
6/30/2011	1.007	1.000	1.000	1.000	1.000	1.000	
6/30/2012	1.011	1.000	1.000	1.000	1.000		
6/30/2013	1.014	1.000	1.000	1.000			
6/30/2014	0.998	1.000	1.000				
6/30/2015	1.003	1.000					
6/30/2016	1.002						
6/30/2017							

Average Best 3 of 5

<u>27:15</u>	<u>39:27</u>
1.005	1.000

MULTISTATE
MANUFACTURERS AND CONTRACTORS

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

Accident Year Ending	<u>15 Months</u>	<u>27 Months</u>	<u>39 Months</u>	<u>51 Months</u>	<u>63 Months</u>	<u>75 Months</u>	<u>87 Months</u>	<u>99 Months</u>
6/30/2010	1,381,666,139	1,380,847,073	1,379,481,348	1,379,808,890	1,379,733,632	1,379,701,442	1,379,708,944	1,379,713,872
6/30/2011	1,340,144,591	1,355,846,007	1,356,472,843	1,356,422,127	1,356,373,293	1,356,270,075	1,356,269,200	
6/30/2012	1,369,647,996	1,393,036,933	1,395,105,899	1,395,004,691	1,395,134,159	1,395,379,922		
6/30/2013	1,425,164,941	1,457,760,859	1,457,460,689	1,457,561,253	1,457,640,673			
6/30/2014	1,472,968,030	1,511,921,537	1,510,307,279	1,510,062,523				
6/30/2015	1,538,352,156	1,572,366,109	1,571,976,590					
6/30/2016	1,529,014,698	1,563,478,504						
6/30/2017	1,570,325,770							

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>
6/30/2010	0.999	0.999	1.000	1.000	1.000	1.000	1.000
6/30/2011	1.012	1.000	1.000	1.000	1.000	1.000	
6/30/2012	1.017	1.001	1.000	1.000	1.000		
6/30/2013	1.023	1.000	1.000	1.000			
6/30/2014	1.026	0.999	1.000				
6/30/2015	1.022	1.000					
6/30/2016	1.023						
6/30/2017							

Average Best 3 of 5
27:15
1.023

39:27
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>
6/30/2010	1,628,627,270	1,632,146,922	1,631,936,843	1,632,800,368	1,632,794,754	1,632,732,168	1,632,706,738	1,632,676,414
6/30/2011	1,611,596,486	1,619,394,199	1,620,805,067	1,620,820,238	1,620,801,346	1,620,840,079	1,620,837,494	
6/30/2012	1,603,754,925	1,616,921,983	1,622,266,659	1,622,230,740	1,622,095,947	1,622,101,686		
6/30/2013	1,690,765,829	1,713,166,747	1,713,220,385	1,712,026,180	1,712,349,998			
6/30/2014	1,769,572,594	1,775,483,349	1,772,982,821	1,773,962,520				
6/30/2015	1,889,973,819	1,893,168,075	1,893,110,951					
6/30/2016	2,011,430,922	2,018,190,033						
6/30/2017	2,054,284,153							

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>
6/30/2010	1.002	1.000	1.001	1.000	1.000	1.000	1.000
6/30/2011	1.005	1.001	1.000	1.000	1.000	1.000	
6/30/2012	1.008	1.003	1.000	1.000	1.000		
6/30/2013	1.013	1.000	0.999	1.000			
6/30/2014	1.003	0.999	1.001				
6/30/2015	1.002	1.000					
6/30/2016	1.003						
6/30/2017							

Average Best 3 of 5
27:15 39:27
1.005 1.000

LOSS DEVELOPMENT DATA TABLE OF CONTENTS

<u>Manufacturers and Contractors</u>		<u>Owners, Landlords and Tenants</u>	
Calculation of State Loss Development Factors	E-17-21	Calculation of State Loss Development Factors	E-22-26
State BI Indemnity	E-27-28	State BI Indemnity	E-35-36
State BI ALAE	E-29-30	State BI ALAE	E-37-38
State PD Indemnity	E-31-32	State PD Indemnity	E-39-40
State PD ALAE	E-33-34	State PD ALAE	E-41-42
Multistate BI Indemnity-Full	E-43-44	Multistate BI Indemnity-Full	E-59-60
Multistate BI Indemnity-Ded	E-45-46	Multistate BI Indemnity-Ded	E-61-62
Multistate BI ALAE	E-47-48	Multistate BI ALAE	E-63-64
Multistate PD Indemnity-Full	E-49-50	Multistate PD Indemnity-Full	E-65-66
Multistate PD Indemnity-Ded	E-51-52	Multistate PD Indemnity-Ded	E-67-68
Multistate PD ALAE	E-53-54	Multistate PD ALAE	E-69-70
Multistate Fringe Indemnity-Full	E-55-56	Multistate Fringe Indemnity-Full	E-71-72
Multistate Fringe ALAE	E-57-58	Multistate Fringe ALAE	E-73-74

WISCONSIN

Premises/Operations

Manufacturers & Contractors

Bodily Injury

Full Coverage

Incurred Losses excluding ALAE

Calculation of Loss Development Factors

(1)	(2)	(3)	(4)	(5)	
EVALUATION PERIOD	MULTISTATE RATIO (A)	STATE RATIO (B)	CREDIBILITY (C)	WEIGHTED RATIO (D)	Credibility Constant (K _i)
15 to 27 Months	1.551	1.285	0.7565	1.350	1,500,000
27 to 39 Months	1.267	1.034	0.7766	1.086	1,700,000
39 to 51 Months	1.060	1.053	0.7391	1.055	2,000,000
51 to 63 Months	0.997	0.950	0.7184	0.963	2,300,000
63 to 75 Months	0.989	0.958	0.6641	0.968	2,700,000
75 to 87 Months	0.997	0.997	0.6093	0.997	3,100,000
87 to 99 Months	0.998	1.000	0.5818	0.999	3,600,000
99 to 111 Months	0.997	1.000	0.5511	0.999	4,200,000
111 to 123 Months	1.000	1.000	0.5006	1.000	4,800,000
123 to 135 Months	0.999	1.000	0.4451	0.999	5,600,000
135 to 147 Months	1.001	1.000	0.3928	1.001	6,500,000
147 to 159 Months	1.000	1.000	0.3966	1.000	7,600,000
159 to 171 Months	1.000	1.000	0.3411	1.000	8,800,000
171 to 183 Months	1.000	1.000	0.3272	1.000	10,300,000
183 to 195 Months	1.000	1.000	0.2949	1.000	12,000,000
195 to 207 Months	1.000	1.000	0.2500	1.000	14,100,000
207 to 219 Months	1.000	1.000	0.2125	1.000	16,500,000
219 to 231 Months	1.000	1.000	0.1271	1.000	19,400,000
231 to 243 Months	1.000	1.000	0.0764	1.000	22,800,000
243 to ULTIMATE	The Multistate ratio has been used.				

Accident Year Ending	27:15	Loss Development From				75:63	87:75	99:87	111:99	123:111	135:123	147:135
		39:27	51:39	63:51								
6/30/2015			1.055	0.963	0.968	0.997	0.999	0.999	0.999	1.000	0.999	1.001
6/30/2016		1.086	1.055	0.963	0.968	0.997	0.999	0.999	0.999	1.000	0.999	1.001
6/30/2017	1.350	1.086	1.055	0.963	0.968	0.997	0.999	0.999	0.999	1.000	0.999	1.001

	159:147	171:159	183:171	195:183	207:195	219:207	231:219	243:231	ULT:243	Factor
6/30/2015	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	0.979
6/30/2016	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.063
6/30/2017	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.435

(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 _i)
15 to 27 Months	0.0682	0.0511	0.7565	0.0553	1,500,000
27 to 39 Months	0.1056	0.0615	0.7766	0.0713	1,700,000
39 to 51 Months	0.0918	0.0848	0.7391	0.0866	2,000,000
51 to 63 Months	0.0482	0.0352	0.7184	0.0389	2,300,000
63 to 75 Months	0.0300	0.0153	0.6641	0.0202	2,700,000
75 to 87 Months	0.0102	0.0014	0.6093	0.0049	3,100,000
87 to 99 Months	0.0084	0.0029	0.5818	0.0052	3,600,000
99 to 111 Months	0.0039	0.0031	0.5511	0.0035	4,200,000
111 to 123 Months	0.0026	0.0044	0.5006	0.0035	4,800,000
123 to 135 Months	0.0007	0.0000	0.4451	0.0004	5,600,000
135 to 147 Months	0.0012	0.0000	0.3928	0.0007	6,500,000
147 to 159 Months	0.0018	0.0000	0.3966	0.0011	7,600,000
159 to 171 Months	0.0012	0.0000	0.3411	0.0008	8,800,000
171 to Ultimate	A multistate ratio of 0.0000 has been used.				

Cumulative Incremental Factors							
<u>Months-to-Ultimate</u>	<u>15</u>	<u>27</u>	<u>39</u>	<u>51</u>	<u>63</u>	<u>75</u>	<u>87</u>
	0.292	0.237	0.166	0.079	0.040	0.020	0.015
<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>
	0.010	0.006	0.003	0.003	0.002	0.001	0.000

Full Coverage

A.Y.E.	Reported ALAE as of 12/31/17	\$500,000 Ultimate Indemnity	ALAE Factor	Additional ALAE	Ultimate ALAE
9/30/2015	327,098	3,780,508	0.166	627,563	954,661
9/30/2016	312,972	2,360,873	0.237	559,530	872,502
9/30/2017	139,221	4,549,710	0.292	1,328,516	1,467,737

Deductible Coverage

A.Y.E.	Reported ALAE as of 12/31/17	\$500,000 Ultimate Indemnity	ALAE Factor	Additional ALAE	Ultimate ALAE
9/30/2015	1,253	8,583	0.166	1,425	2,678
9/30/2016	1	6,619	0.237	1,568	1,569
9/30/2017	1,062	816,029	0.292	238,281	239,343

(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 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	1.088	1.069	0.7098	1.075	3,100,000
27 to 39 Months	1.034	1.029	0.7175	1.030	3,200,000
39 to 51 Months	1.009	1.045	0.7106	1.035	3,300,000
51 to 63 Months	1.005	1.010	0.6763	1.008	3,500,000
63 to 75 Months	1.007	0.997	0.6553	1.000	3,600,000
75 to 87 Months	1.006	1.010	0.6470	1.009	3,700,000
87 to 99 Months	1.006	0.994	0.6860	0.998	3,900,000
99 to 111 Months	1.005	1.000	0.6909	1.002	4,100,000
111 to 123 Months	1.005	1.000	0.6859	1.002	4,300,000
123 to 135 Months	1.001	1.000	0.6396	1.000	4,400,000
135 to 147 Months	1.001	1.000	0.6144	1.000	4,600,000
147 to 159 Months	1.001	1.000	0.5647	1.000	4,800,000
159 to 171 Months	1.002	1.001	0.5519	1.001	5,000,000
171 to 183 Months	1.000	1.000	0.5772	1.000	5,200,000
183 to 195 Months	1.001	1.000	0.5844	1.000	5,400,000
195 to 207 Months	1.000	1.000	0.5684	1.000	5,600,000
207 to 219 Months	1.000	1.000	0.5082	1.000	5,900,000
219 to 231 Months	1.000	1.000	0.3918	1.000	6,100,000
231 to 243 Months	1.000	1.000	0.2379	1.000	6,400,000
243 to ULTIMATE	The Multistate ratio has been used.				

Accident Year	Loss Development From										
Ending	27:15	39:27	51:39	63:51	75:63	87:75	99:87	111:99	123:111	135:123	147:135
6/30/2015			1.035	1.008	1.000	1.009	0.998	1.002	1.002	1.000	1.000
6/30/2016		1.030	1.035	1.008	1.000	1.009	0.998	1.002	1.002	1.000	1.000
6/30/2017	1.075	1.030	1.035	1.008	1.000	1.009	0.998	1.002	1.002	1.000	1.000

	159:147	171:159	183:171	195:183	207:195	219:207	231:219	243:231	ULT:243	Factor
6/30/2015	1.000	1.001	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.056
6/30/2016	1.000	1.001	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.088
6/30/2017	1.000	1.001	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.169

(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 _i)
15 to 27 Months	0.0500	0.0537	0.7098	0.0526	3,100,000
27 to 39 Months	0.0477	0.0628	0.7175	0.0586	3,200,000
39 to 51 Months	0.0380	0.0563	0.7106	0.0510	3,300,000
51 to 63 Months	0.0264	0.0552	0.6763	0.0459	3,500,000
63 to 75 Months	0.0144	0.0411	0.6553	0.0319	3,600,000
75 to 87 Months	0.0118	0.0207	0.6470	0.0176	3,700,000
87 to 99 Months	0.0099	0.0059	0.6860	0.0071	3,900,000
99 to 111 Months	0.0104	0.0000	0.6909	0.0032	4,100,000
111 to 123 Months	0.0067	0.0000	0.6859	0.0021	4,300,000
123 to 135 Months	0.0054	0.0001	0.6396	0.0020	4,400,000
135 to 147 Months	0.0047	0.0000	0.6144	0.0018	4,600,000
147 to 159 Months	0.0035	0.0000	0.5647	0.0015	4,800,000
159 to 171 Months	0.0021	0.0000	0.5519	0.0009	5,000,000
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>
	0.276	0.224	0.165	0.114	0.068	0.036	0.019
<u>Months-to-Ultimate</u>	<u>99</u>	<u>111</u>	<u>123</u>	<u>135</u>	<u>147</u>	<u>159</u>	<u>171</u>
	0.012	0.008	0.006	0.004	0.002	0.001	0.000

Full Coverage

A.Y.E.	Reported ALAE as of 12/31/17	\$500,000 Ultimate Indemnity	ALAE Factor	Additional ALAE	Ultimate ALAE
9/30/2015	1,051,822	5,061,002	0.165	835,065	1,886,887
9/30/2016	617,816	5,166,295	0.224	1,157,253	1,775,069
9/30/2017	260,197	6,248,882	0.276	1,724,689	1,984,886

Deductible Coverage

A.Y.E.	Reported ALAE as of 12/31/17	\$500,000 Ultimate Indemnity	ALAE Factor	Additional ALAE	Ultimate ALAE
9/30/2015	24,058	1,049,513	0.165	173,171	197,229
9/30/2016	18,357	298,697	0.224	66,909	85,266
9/30/2017	10,989	393,191	0.276	108,522	119,511

(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

Fringe

Full Coverage

ALAE

Calculation of Cumulative Incremental Factors

(1)	(2)
EVALUATION PERIOD	MULTISTATE RATIO (A)
15 to 27 Months	0.1968
27 to 39 Months	0.3023
39 to 51 Months	0.1982
51 to 63 Months	0.0983
63 to 75 Months	0.0785
75 to 87 Months	0.0423
87 to 99 Months	0.0173
99 to 111 Months	0.0143
111 to 123 Months	0.0012
123 to 135 Months	0.0038
135 to 147 Months	0.0024
147 to 159 Months	0.0020
159 to 171 Months	0.0090
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>
	0.966	0.770	0.467	0.269	0.171	0.092	0.050
<u>Months-to-Ultimate</u>	<u>99</u>	<u>111</u>	<u>123</u>	<u>135</u>	<u>147</u>	<u>159</u>	<u>171</u>
	0.033	0.018	0.017	0.013	0.011	0.009	0.000

A.Y.E.	Reported ALAE as of 12/31/17	\$500,000 Ultimate Indemnity	ALAE Factor	Additional ALAE	Ultimate ALAE
9/30/2015	171,887	85,780	0.467	40,058	211,945
9/30/2016	67,457	117,430	0.770	90,423	157,880
9/30/2017	3,790	207,307	0.966	200,257	204,047

(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)	(2)	(3)	(4)	(5)	
EVALUATION PERIOD	MULTISTATE RATIO (A)	STATE RATIO (B)	CREDIBILITY (C)	WEIGHTED RATIO (D)	Credibility Constant (K _i)
15 to 27 Months	1.295	0.941	0.8986	0.977	1,600,000
27 to 39 Months	1.119	1.002	0.8675	1.018	2,100,000
39 to 51 Months	1.012	0.977	0.8398	0.983	2,900,000
51 to 63 Months	0.988	0.968	0.8051	0.972	4,000,000
63 to 75 Months	0.990	0.974	0.7186	0.979	5,400,000
75 to 87 Months	0.993	0.998	0.6385	0.996	7,300,000
87 to 99 Months	0.996	1.000	0.5450	0.998	10,000,000
99 to 111 Months	0.998	1.000	0.4861	0.999	13,600,000
111 to 123 Months	1.000	1.001	0.4003	1.000	18,500,000
123 to 135 Months	1.000	0.998	0.3247	0.999	25,200,000
135 to 147 Months	1.000	1.002	0.2543	1.001	34,400,000
147 to 159 Months	1.000	1.000	0.2056	1.000	46,900,000
159 to 171 Months	1.000	1.000	0.1610	1.000	64,000,000
171 to 183 Months	1.001	1.000	0.1385	1.001	87,400,000
183 to 195 Months	1.001	1.000	0.1148	1.001	119,400,000
195 to 207 Months	1.000	1.000	0.0907	1.000	163,200,000
207 to 219 Months	1.000	1.000	0.0644	1.000	223,200,000
219 to 231 Months	1.000	1.000	0.0320	1.000	305,400,000
231 to 243 Months	1.000	1.000	0.0118	1.000	418,100,000
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								
6/30/2015			0.983	0.972	0.979	0.996	0.998	0.999	1.000	0.999	1.001	
6/30/2016		1.018	0.983	0.972	0.979	0.996	0.998	0.999	1.000	0.999	1.001	
6/30/2017	0.977	1.018	0.983	0.972	0.979	0.996	0.998	0.999	1.000	0.999	1.001	

	159:147	171:159	183:171	195:183	207:195	219:207	231:219	243:231	ULT:243	Factor
6/30/2015	1.000	1.000	1.001	1.001	1.000	1.000	1.000	1.000	1.000	0.931
6/30/2016	1.000	1.000	1.001	1.001	1.000	1.000	1.000	1.000	1.000	0.947
6/30/2017	1.000	1.000	1.001	1.001	1.000	1.000	1.000	1.000	1.000	0.926

(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 _i)
15 to 27 Months	0.0767	0.0501	0.8986	0.0528	1,600,000
27 to 39 Months	0.0852	0.0754	0.8675	0.0767	2,100,000
39 to 51 Months	0.0589	0.0740	0.8398	0.0716	2,900,000
51 to 63 Months	0.0283	0.0477	0.8051	0.0439	4,000,000
63 to 75 Months	0.0135	0.0021	0.7186	0.0053	5,400,000
75 to 87 Months	0.0057	0.0071	0.6385	0.0066	7,300,000
87 to 99 Months	0.0029	0.0000	0.5450	0.0013	10,000,000
99 to 111 Months	0.0028	0.0040	0.4861	0.0034	13,600,000
111 to 123 Months	0.0022	0.0005	0.4003	0.0015	18,500,000
123 to 135 Months	0.0010	-0.0003	0.3247	0.0006	25,200,000
135 to 147 Months	0.0015	0.0001	0.2543	0.0011	34,400,000
147 to 159 Months	0.0016	0.0000	0.2056	0.0013	46,900,000
159 to 171 Months	0.0006	0.0000	0.1610	0.0005	64,000,000
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>
	0.267	0.214	0.137	0.065	0.022	0.016	0.010
<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>
	0.008	0.005	0.003	0.003	0.002	0.000	0.000

Full Coverage

A.Y.E.	Reported ALAE as of 12/31/17	\$500,000 Ultimate Indemnity	ALAE Factor	Additional ALAE	Ultimate ALAE
9/30/2015	1,275,950	6,564,851	0.137	899,391	2,175,341
9/30/2016	564,714	6,859,034	0.214	1,467,835	2,032,549
9/30/2017	311,618	7,476,044	0.267	1,996,108	2,307,726

Deductible Coverage

A.Y.E.	Reported ALAE as of 12/31/17	\$500,000 Ultimate Indemnity	ALAE Factor	Additional ALAE	Ultimate ALAE
9/30/2015	2,569	2,061	0.137	282	2,851
9/30/2016	11,431	15,981	0.214	3,420	14,851
9/30/2017	4,866	183,836	0.267	49,084	53,950

(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 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	1.097	0.988	0.5969	1.032	1,300,000
27 to 39 Months	1.040	0.921	0.6196	0.966	1,400,000
39 to 51 Months	1.020	0.961	0.5704	0.986	1,600,000
51 to 63 Months	1.006	0.994	0.5823	0.999	1,700,000
63 to 75 Months	1.008	1.000	0.5576	1.004	1,800,000
75 to 87 Months	1.004	0.999	0.4961	1.002	2,000,000
87 to 99 Months	1.003	1.000	0.4393	1.002	2,100,000
99 to 111 Months	1.006	1.000	0.4052	1.004	2,300,000
111 to 123 Months	1.001	1.000	0.4095	1.001	2,500,000
123 to 135 Months	1.002	1.000	0.3505	1.001	2,700,000
135 to 147 Months	1.003	1.000	0.3249	1.002	3,000,000
147 to 159 Months	1.000	1.000	0.2933	1.000	3,200,000
159 to 171 Months	1.001	1.000	0.3202	1.001	3,500,000
171 to 183 Months	1.001	1.000	0.3711	1.001	3,900,000
183 to 195 Months	1.001	1.000	0.3676	1.001	4,200,000
195 to 207 Months	1.002	1.000	0.3426	1.001	4,600,000
207 to 219 Months	1.003	1.000	0.2666	1.002	5,000,000
219 to 231 Months	1.003	1.000	0.1690	1.002	5,600,000
231 to 243 Months	1.003	1.000	0.0823	1.003	6,100,000
243 to ULTIMATE	The Multistate ratio has been used.				

Accident Year		Loss Development From									
Ending	27:15	39:27	51:39	63:51	75:63	87:75	99:87	111:99	123:111	135:123	147:135
6/30/2015			0.986	0.999	1.004	1.002	1.002	1.004	1.001	1.001	1.002
6/30/2016		0.966	0.986	0.999	1.004	1.002	1.002	1.004	1.001	1.001	1.002
6/30/2017	1.032	0.966	0.986	0.999	1.004	1.002	1.002	1.004	1.001	1.001	1.002
		159:147	171:159	183:171	195:183	207:195	219:207	231:219	243:231	ULT:243	Factor
6/30/2015	1.000	1.001	1.001	1.001	1.001	1.002	1.002	1.003	1.012		1.024
6/30/2016	1.000	1.001	1.001	1.001	1.001	1.002	1.002	1.003	1.012		0.989
6/30/2017	1.000	1.001	1.001	1.001	1.001	1.002	1.002	1.003	1.012		1.021

(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 _i)
15 to 27 Months	0.0777	0.0541	0.5969	0.0636	1,300,000
27 to 39 Months	0.0873	0.0204	0.6196	0.0458	1,400,000
39 to 51 Months	0.0743	0.0334	0.5704	0.0510	1,600,000
51 to 63 Months	0.0567	0.0026	0.5823	0.0252	1,700,000
63 to 75 Months	0.0368	0.0005	0.5576	0.0166	1,800,000
75 to 87 Months	0.0250	0.0000	0.4961	0.0126	2,000,000
87 to 99 Months	0.0188	0.0000	0.4393	0.0105	2,100,000
99 to 111 Months	0.0161	0.0000	0.4052	0.0096	2,300,000
111 to 123 Months	0.0118	0.0000	0.4095	0.0070	2,500,000
123 to 135 Months	0.0050	0.0000	0.3505	0.0033	2,700,000
135 to 147 Months	0.0064	0.0000	0.3249	0.0043	3,000,000
147 to 159 Months	0.0022	0.0000	0.2933	0.0016	3,200,000
159 to 171 Months	0.0003	0.0000	0.3202	0.0002	3,500,000
171 to Ultimate	A multistate ratio of 0.0000 has been used.				

Cumulative Incremental Factors							
<u>Months-to-Ultimate</u>	<u>15</u>	<u>27</u>	<u>39</u>	<u>51</u>	<u>63</u>	<u>75</u>	<u>87</u>
	0.251	0.188	0.142	0.091	0.066	0.049	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>
	0.026	0.016	0.009	0.006	0.002	0.000	0.000

Full Coverage

A.Y.E.	Reported ALAE as of 12/31/17	\$500,000 Ultimate Indemnity	ALAE Factor	Additional ALAE	Ultimate ALAE
9/30/2015	94,171	1,021,595	0.142	145,070	239,241
9/30/2016	97,942	566,150	0.188	106,434	204,376
9/30/2017	47,974	628,814	0.251	157,833	205,807

Deductible Coverage

A.Y.E.	Reported ALAE as of 12/31/17	\$500,000 Ultimate Indemnity	ALAE Factor	Additional ALAE	Ultimate ALAE
9/30/2015	749	0	0.142	0	749
9/30/2016	70	5,752	0.188	1,081	1,151
9/30/2017	4,605	3,383	0.251	850	5,455

(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

Fringe

Full Coverage

ALAE

Calculation of Cumulative Incremental Factors

(1)	(2)
EVALUATION PERIOD	MULTISTATE RATIO (A)
15 to 27 Months	0.2655
27 to 39 Months	0.2440
39 to 51 Months	0.1805
51 to 63 Months	0.1709
63 to 75 Months	0.1024
75 to 87 Months	0.0398
87 to 99 Months	0.0394
99 to 111 Months	0.0141
111 to 123 Months	0.0117
123 to 135 Months	0.0038
135 to 147 Months	0.0000
147 to 159 Months	0.0165
159 to 171 Months	0.0003
171 to Ultimate	A multistate ratio of 0.0000 has been used.

Cumulative Incremental Factors							
<u>Months-to-Ultimate</u>	<u>15</u>	<u>27</u>	<u>39</u>	<u>51</u>	<u>63</u>	<u>75</u>	<u>87</u>
	1.089	0.823	0.579	0.399	0.228	0.126	0.086
<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>
	0.046	0.032	0.021	0.017	0.017	0.000	0.000

A.Y.E.	Reported ALAE as of 12/31/17	\$500,000 Ultimate Indemnity	ALAE Factor	Additional ALAE	Ultimate ALAE
9/30/2015	92,944	46,722	0.579	27,052	119,996
9/30/2016	148,684	347,208	0.823	285,752	434,436
9/30/2017	56,804	184,185	1.089	200,579	257,383

(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
6/30/1998	1,083,918	1,393,178	1,540,358	1,702,741	2,085,824	1,976,229	1,921,229	1,941,229	1,886,229	1,886,229	1,886,229
6/30/1999	900,000	1,018,929	1,042,246	960,414	1,021,817	978,629	957,120	919,609	914,609	914,528	915,528
6/30/2000	630,622	968,849	1,443,085	1,516,858	1,633,319	1,570,818	1,628,320	1,589,739	1,590,227	1,701,179	1,692,157
6/30/2001	1,346,102	1,747,471	2,258,662	2,371,861	2,255,542	2,214,541	2,219,541	2,134,541	2,134,541	2,135,541	2,134,541
6/30/2002	977,889	1,001,887	1,072,035	1,425,115	1,408,611	1,241,127	1,248,448	1,245,115	1,243,115	1,243,115	1,243,115
6/30/2003	829,090	1,363,329	1,888,485	2,018,000	1,842,109	1,714,109	1,620,109	1,631,109	1,631,109	1,631,109	1,631,109
6/30/2004	884,439	1,486,363	1,714,196	1,794,569	1,685,912	1,653,319	1,656,319	1,701,419	1,681,319	1,681,319	1,681,319
6/30/2005	1,643,323	1,905,638	1,906,435	1,778,052	1,718,343	1,703,082	1,681,841	1,681,841	1,681,841	1,681,841	1,681,841
6/30/2006	854,009	1,180,161	1,049,895	975,770	890,077	870,077	946,077	946,077	942,327	842,327	842,327
6/30/2007	1,522,341	2,214,274	1,881,786	2,041,474	1,968,284	1,967,784	1,967,784	1,967,784	1,967,784	1,967,784	1,967,784
6/30/2008	988,219	1,510,806	1,827,554	2,050,172	2,028,049	1,945,799	1,945,799	1,900,799	1,900,799	1,900,799	
6/30/2009	1,234,193	1,230,231	1,843,328	1,684,980	1,601,665	1,336,665	1,288,143	1,288,143	1,288,143		
6/30/2010	2,103,331	2,207,105	1,877,167	1,814,148	1,862,736	1,790,835	1,774,876	1,774,875			
6/30/2011	1,126,640	1,566,499	1,743,642	1,811,729	1,634,329	1,707,520	1,743,472				
6/30/2012	1,076,221	1,432,340	1,851,343	2,268,719	1,842,103	1,757,350					
6/30/2013	1,425,805	1,675,683	1,757,066	1,785,853	1,780,220						
6/30/2014	1,623,039	2,189,222	2,056,784	2,270,402							
6/30/2015	2,042,853	2,043,840	1,725,926								
6/30/2016	993,397	1,446,405									
6/30/2017	828,376										
A.Y.E.	147 Months	159 Months	171 Months	183 Months	195 Months	207 Months	219 Months	231 Months	243 Months		
6/30/1998	1,886,229	1,886,229	1,886,229	1,886,229	1,888,729	1,886,229	1,886,229	1,886,229	1,886,229		
6/30/1999	916,848	937,479	937,479	937,681	937,580	937,479	937,479	937,479			
6/30/2000	1,612,356	1,628,755	1,628,755	1,628,755	1,628,755	1,628,755	1,628,755				
6/30/2001	2,134,541	2,134,541	2,134,541	2,134,541	2,134,541	2,134,541					
6/30/2002	1,243,115	1,243,115	1,243,115	1,254,765	1,254,765						
6/30/2003	1,631,109	1,631,109	1,631,109	1,631,109							
6/30/2004	1,681,319	1,681,319	1,681,319								
6/30/2005	1,681,841	1,681,841									
6/30/2006	842,327										

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

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
6/30/1998	1.285	1.106	1.105	1.225	0.947	0.972	1.010	0.972	1.000	1.000	1.000
6/30/1999	1.132	1.023	0.921	1.064	0.958	0.978	0.961	0.995	1.000	1.001	1.001
6/30/2000	1.536	1.489	1.051	1.077	0.962	1.037	0.976	1.000	1.070	0.995	0.953
6/30/2001	1.298	1.293	1.050	0.951	0.982	1.002	0.962	1.000	1.000	1.000	1.000
6/30/2002	1.025	1.070	1.329	0.988	0.881	1.006	0.997	0.998	1.000	1.000	1.000
6/30/2003	1.644	1.385	1.069	0.913	0.931	0.945	1.007	1.000	1.000	1.000	1.000
6/30/2004	1.681	1.153	1.047	0.939	0.981	1.002	1.027	0.988	1.000	1.000	1.000
6/30/2005	1.160	1.000	0.933	0.966	0.991	0.988	1.000	1.000	1.000	1.000	1.000
6/30/2006	1.382	0.890	0.929	0.912	0.978	1.087	1.000	0.996	0.894	1.000	1.000
6/30/2007	1.455	0.850	1.085	0.964	1.000	1.000	1.000	1.000	1.000	1.000	1.000
6/30/2008	1.529	1.210	1.122	0.989	0.959	1.000	0.977	1.000	1.000	1.000	1.000
6/30/2009	0.997	1.498	0.914	0.951	0.835	0.964	1.000	1.000			
6/30/2010	1.049	0.851	0.966	1.027	0.961	0.991	1.000				
6/30/2011	1.390	1.113	1.039	0.902	1.045	1.021					
6/30/2012	1.331	1.293	1.225	0.812	0.954						
6/30/2013	1.175	1.049	1.016	0.997							
6/30/2014	1.349	0.940	1.104								
6/30/2015	1.000	0.844									
6/30/2016	1.456										

3 Yr Mean 1.268 0.944 1.115 0.904 0.987 0.992 0.992 1.000 0.965 1.000 1.000

Best 3/5 1.285 1.034 1.053 0.950 0.958 0.997 1.000 1.000 1.000 1.000 1.000

A.Y.E.	159:147	171:159	183:171	195:183	207:195	219:207	231:219	243:231
6/30/1998	1.000	1.000	1.000	1.001	0.999	1.000	1.000	1.000
6/30/1999	1.023	1.000	1.000	1.000	1.000	1.000	1.000	1.000 *
6/30/2000	1.010	1.000	1.000	1.000	1.000	1.000	1.000 *	1.000 *
6/30/2001	1.000	1.000	1.000	1.000	1.000	1.000 *	1.000 *	1.000 *
6/30/2002	1.000	1.000	1.009	1.000	1.000 *	1.000 *	1.000 *	1.000 *
6/30/2003	1.000	1.000	1.000					
6/30/2004	1.000	1.000						
6/30/2005	1.000							

3 Yr Mean 1.000 1.000 1.003 1.000 1.000 @ 1.000 @ 1.000 @ 1.000 @

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

A.Y.E.	15/ 27	27/ 39	39/ 51	51/ 63	63/ 75	75/ 87	87/ 99	99/111	111/123	123/135	135/147
6/30/2013					0.958	0.997	1.000	1.000	1.000	1.000	1.000
6/30/2014				0.950	0.958	0.997	1.000	1.000	1.000	1.000	1.000
6/30/2015			1.053	0.950	0.958	0.997	1.000	1.000	1.000	1.000	1.000
6/30/2016		1.034	1.053	0.950	0.958	0.997	1.000	1.000	1.000	1.000	1.000
6/30/2017	1.285	1.034	1.053	0.950	0.958	0.997	1.000	1.000	1.000	1.000	1.000

A.Y.E.	147/159	159/171	171/183	183/195	195/207	207/219	219/231	231/243	243/Ult	FACTORS
6/30/2013	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000*	0.955
6/30/2014	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000*	0.907
6/30/2015	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000*	0.955
6/30/2016	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000*	0.988
6/30/2017	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000*	1.270

* 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>
6/30/1998	86,587	298,034	427,221	678,891	825,096	984,320	1,041,290	1,095,525	1,147,331	1,156,084	1,156,084
6/30/1999	80,525	145,011	286,088	423,660	451,878	1,195,035	1,258,259	1,291,020	1,292,768	1,297,207	1,299,281
6/30/2000	35,476	201,049	441,368	854,031	1,007,920	1,037,453	1,069,315	1,085,765	1,105,066	1,207,877	1,234,174
6/30/2001	131,687	149,410	345,417	646,150	843,870	874,080	890,507	872,594	872,594	882,953	875,453
6/30/2002	69,727	422,595	530,641	1,036,497	1,237,352	1,160,954	1,160,801	1,160,121	1,159,921	1,159,921	1,159,921
6/30/2003	108,487	425,728	685,864	872,639	1,071,938	1,137,296	1,166,787	1,188,839	1,188,839	1,188,839	1,188,839
6/30/2004	34,462	154,657	402,182	593,830	743,493	737,069	746,869	854,573	960,030	960,030	960,030
6/30/2005	132,041	138,055	293,805	519,905	879,916	982,007	995,440	1,006,982	1,040,670	1,087,462	1,087,462
6/30/2006	57,702	107,342	141,977	282,667	454,935	541,211	608,056	667,537	701,424	725,530	725,530
6/30/2007	64,703	298,621	1,269,501	2,565,366	3,448,500	3,595,201	3,595,201	3,595,201	3,595,201	3,595,201	3,595,201
6/30/2008	170,738	345,150	611,797	1,151,687	1,262,035	1,273,876	1,273,917	1,273,917	1,273,917	1,273,917	
6/30/2009	27,203	138,840	308,225	515,829	637,414	663,305	650,489	650,489	650,489		
6/30/2010	300,938	484,304	675,085	1,012,304	1,055,785	1,120,521	1,138,319	1,174,564			
6/30/2011	116,971	287,606	560,954	838,882	849,330	906,709	949,862				
6/30/2012	35,933	233,674	364,061	632,272	865,199	2,337,756					
6/30/2013	98,490	164,276	368,395	533,411	643,011						
6/30/2014	51,689	271,385	614,314	1,025,305							
6/30/2015	89,431	174,612	258,793								
6/30/2016	59,289	257,849									
6/30/2017	69,214										

<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>
6/30/1998	1,156,898	1,156,898	1,156,898	1,157,088	1,157,088	1,157,231	1,157,231	1,157,231	1,157,231
6/30/1999	1,300,090	1,306,531	1,307,284	1,309,302	1,310,277	1,311,547	1,314,190	1,320,866	
6/30/2000	1,177,013	1,181,259	1,181,259	1,181,259	1,181,259	1,181,259	1,181,259		
6/30/2001	875,453	875,453	875,453	877,197	877,197	877,428			
6/30/2002	1,159,921	1,159,921	1,189,921	1,176,696	1,197,721				
6/30/2003	1,188,839	1,188,839	1,188,839	1,188,839					
6/30/2004	960,030	960,030	960,030						
6/30/2005	1,087,462	1,087,462							
6/30/2006	725,530								

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

	Increments												
<u>A.Y.E.</u>	<u>27: 15</u>	<u>39: 27</u>	<u>51: 39</u>	<u>63: 51</u>	<u>75: 63</u>	<u>87: 75</u>	<u>99: 87</u>	<u>111: 99</u>	<u>123: 111</u>	<u>135: 123</u>	<u>147: 135</u>	<u>159:147</u>	<u>171:159</u>
6/30/1998	211,447	129,187	251,670	146,205	159,224	56,970	54,235	51,806	8,753	0	814	0	0
6/30/1999	64,486	141,077	137,572	28,218	743,157	63,224	32,761	1,748	4,439	2,074	809	6,441	753
6/30/2000	165,573	240,319	412,663	153,889	29,533	31,862	16,450	19,301	102,811	26,297	-57,161	4,246	0
6/30/2001	17,723	196,007	300,733	197,720	30,210	16,427	-17,913	0	10,359	-7,500	0	0	0
6/30/2002	352,868	108,046	505,856	200,855	-76,398	-153	-680	-200	0	0	0	0	30,000
6/30/2003	317,241	260,136	186,775	199,299	65,358	29,491	22,052	0	0	0	0	0	0
6/30/2004	120,195	247,525	191,648	149,663	-6,424	9,800	107,704	105,457	0	0	0	0	0
6/30/2005	6,014	155,750	226,100	360,011	102,091	13,433	11,542	33,688	46,792	0	0	0	
6/30/2006	49,640	34,635	140,690	172,268	86,276	66,845	59,481	33,887	24,106	0	0		
6/30/2007	233,918	970,880	1,295,865	883,134	146,701	0	0	0	0	0			
6/30/2008	174,412	266,647	539,890	110,348	11,841	41	0	0	0				
6/30/2009	111,637	169,385	207,604	121,585	25,891	-12,816	0	0					
6/30/2010	183,366	190,781	337,219	43,481	64,736	17,798	36,245						
6/30/2011	170,635	273,348	277,928	10,448	57,379	43,153							
6/30/2012	197,741	130,387	268,211	232,927	1,472,557								
6/30/2013	65,786	204,119	165,016	109,600									
6/30/2014	219,696	342,929	410,991										
6/30/2015	85,181	84,181											
6/30/2016	198,560												

	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>
6/30/1998	0.0656	0.0401	0.0781	0.0454	0.0494	0.0177	0.0168	0.0161	0.0027	0.0000	0.0003	0.0000	0.0000
6/30/1999	0.0475	0.1038	0.1012	0.0208	0.5469	0.0465	0.0241	0.0013	0.0033	0.0015	0.0006	0.0047	0.0006
6/30/2000	0.0567	0.0823	0.1413	0.0527	0.0101	0.0109	0.0056	0.0066	0.0352	0.0090	-0.0196	0.0015	0.0000
6/30/2001	0.0059	0.0657	0.1008	0.0663	0.0101	0.0055	-0.0060	0.0000	0.0035	-0.0025	0.0000	0.0000	0.0000
6/30/2002	0.2210	0.0677	0.3169	0.1258	-0.0479	-0.0001	-0.0004	-0.0001	0.0000	0.0000	0.0000	0.0000	0.0188
6/30/2003	0.1265	0.1037	0.0745	0.0795	0.0261	0.0118	0.0088	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
6/30/2004	0.0521	0.1072	0.0830	0.0648	-0.0028	0.0042	0.0467	0.0457	0.0000	0.0000	0.0000	0.0000	0.0000
6/30/2005	0.0017	0.0436	0.0633	0.1008	0.0286	0.0038	0.0032	0.0094	0.0131	0.0000	0.0000	0.0000	
6/30/2006	0.0402	0.0281	0.1140	0.1396	0.0699	0.0542	0.0482	0.0275	0.0195	0.0000	0.0000		
6/30/2007	0.0684	0.2841	0.3792	0.2584	0.0429	0.0000	0.0000	0.0000	0.0000	0.0000			
6/30/2008	0.0517	0.0790	0.1600	0.0327	0.0035	0.0000	0.0000	0.0000	0.0000				
6/30/2009	0.0561	0.0851	0.1043	0.0611	0.0130	-0.0064	0.0000	0.0000					
6/30/2010	0.0440	0.0458	0.0810	0.0104	0.0155	0.0043	0.0087						
6/30/2011	0.0515	0.0826	0.0839	0.0032	0.0173	0.0130							
6/30/2012	0.0701	0.0463	0.0951	0.0826	0.5224								
6/30/2013	0.0204	0.0634	0.0513	0.0340									
6/30/2014	0.0479	0.0747	0.0895										
6/30/2015	0.0353	0.0349											
6/30/2016	0.0887												

Best 3/5	0.0511	0.0615	0.0848	0.0352	0.0153	0.0014	0.0029	0.0031	0.0044	0.0000	0.0000	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
6/30/1998	1,749,752	1,823,415	2,000,337	2,220,115	1,993,176	2,005,327	1,972,827	2,002,106	2,019,144	2,010,144	1,988,748
6/30/1999	1,980,055	2,284,664	2,354,607	2,121,398	2,046,120	2,048,322	2,021,463	1,941,604	1,931,678	1,923,178	1,923,178
6/30/2000	2,210,372	2,519,695	2,114,656	2,164,800	2,186,943	2,098,268	2,108,268	2,189,929	2,166,382	2,166,382	2,166,382
6/30/2001	3,102,925	3,101,770	3,174,179	3,236,975	3,202,037	3,176,536	3,344,815	3,284,080	3,407,286	3,307,286	3,274,286
6/30/2002	1,720,665	1,916,362	2,153,233	2,081,537	2,156,245	2,043,741	2,037,866	2,068,366	2,057,935	2,057,935	2,107,935
6/30/2003	1,945,905	1,819,614	2,058,146	1,774,602	1,658,912	1,688,974	1,686,474	1,677,589	1,671,589	1,676,589	1,673,609
6/30/2004	2,511,777	2,409,458	2,434,967	2,455,562	2,372,149	2,381,609	2,376,609	2,376,609	2,376,609	2,376,609	2,376,609
6/30/2005	2,250,594	2,334,489	2,110,421	2,149,548	2,137,203	2,207,953	2,175,641	2,175,641	2,175,641	2,175,641	2,175,641
6/30/2006	2,779,074	2,511,779	2,631,338	2,664,133	2,691,352	2,775,759	2,782,759	2,780,759	2,775,759	2,775,759	2,775,759
6/30/2007	2,248,240	2,674,651	2,527,653	2,661,765	2,810,638	2,800,758	2,900,758	2,861,124	2,858,585	2,858,585	2,858,585
6/30/2008	3,506,573	3,635,867	3,745,799	3,738,647	3,733,647	3,770,643	3,763,234	3,756,605	3,756,605	3,756,605	
6/30/2009	2,433,513	2,385,625	2,621,462	2,550,212	2,545,212	2,545,214	2,545,215	2,545,212	2,545,212		
6/30/2010	1,925,339	1,912,777	2,001,781	2,161,469	2,154,974	2,148,414	2,211,943	2,159,800			
6/30/2011	1,967,697	2,122,047	2,068,539	2,130,005	2,130,345	2,088,837	2,088,837				
6/30/2012	2,426,602	2,398,762	2,427,323	2,454,297	2,558,907	2,547,029					
6/30/2013	2,076,068	2,538,400	2,622,497	2,727,074	2,816,979						
6/30/2014	3,020,312	2,927,395	3,053,520	3,252,154							
6/30/2015	2,462,946	2,660,261	2,799,144								
6/30/2016	2,099,863	2,387,490									
6/30/2017	2,300,349										
A.Y.E.	147 Months	159 Months	171 Months	183 Months	195 Months	207 Months	219 Months	231 Months	243 Months		
6/30/1998	1,998,748	1,998,748	1,997,748	1,997,748	1,997,748	1,997,748	1,997,748	1,997,748	1,997,748		
6/30/1999	1,923,178	1,923,178	1,931,678	1,931,679	1,931,678	1,931,678	1,931,678	1,931,678	1,931,678		
6/30/2000	2,166,382	2,166,382	2,166,392	2,167,715	2,167,715	2,167,715	2,167,715				
6/30/2001	3,274,286	3,274,286	3,274,286	3,274,286	3,274,286	3,274,286					
6/30/2002	2,107,935	2,107,935	2,146,051	2,152,709	2,146,217						
6/30/2003	1,673,609	1,673,609	1,678,609	1,678,609							
6/30/2004	2,377,432	2,377,432	2,377,432								
6/30/2005	2,175,641	2,175,641									
6/30/2006	2,775,759										

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

A.Y.E.	<u>27: 15</u>	<u>39: 27</u>	<u>51: 39</u>	<u>63: 51</u>	<u>75: 63</u>	<u>87: 75</u>	<u>99: 87</u>	<u>111: 99</u>	<u>123:111</u>	<u>135:123</u>	<u>147:135</u>
6/30/1998	1.042	1.097	1.110	0.898	1.006	0.984	1.015	1.009	0.996	0.989	1.005
6/30/1999	1.154	1.031	0.901	0.965	1.001	0.987	0.960	0.995	0.996	1.000	1.000
6/30/2000	1.140	0.839	1.024	1.010	0.959	1.005	1.039	0.989	1.000	1.000	1.000
6/30/2001	1.000	1.023	1.020	0.989	0.992	1.053	0.982	1.038	0.971	0.990	1.000
6/30/2002	1.114	1.124	0.967	1.036	0.948	0.997	1.015	0.995	1.000	1.024	1.000
6/30/2003	0.935	1.131	0.862	0.935	1.018	0.999	0.995	0.996	1.003	0.998	1.000
6/30/2004	0.959	1.011	1.008	0.966	1.004	0.998	1.000	1.000	1.000	1.000	1.000
6/30/2005	1.037	0.904	1.019	0.994	1.033	0.985	1.000	1.000	1.000	1.000	1.000
6/30/2006	0.904	1.048	1.012	1.010	1.031	1.003	0.999	0.998	1.000	1.000	1.000
6/30/2007	1.190	0.945	1.053	1.056	0.996	1.036	0.986	0.999	1.000	1.000	1.000
6/30/2008	1.037	1.030	0.998	0.999	1.010	0.998	0.998	1.000	1.000	1.000	1.000
6/30/2009	0.980	1.099	0.973	0.998	1.000	1.000	1.000	1.000	1.000	1.000	1.000
6/30/2010	0.993	1.047	1.080	0.997	0.997	1.030	0.976				
6/30/2011	1.078	0.975	1.030	1.000	0.981	1.000					
6/30/2012	0.989	1.012	1.011	1.043	0.995						
6/30/2013	1.223	1.033	1.040	1.033							
6/30/2014	0.969	1.043	1.065								
6/30/2015	1.080	1.052									
6/30/2016	1.137										
3 Yr Mean	1.062	1.043	1.039	1.025	0.991	1.010	0.991	1.000	1.000	1.000	1.000
Best 3/5	1.069	1.029	1.045	1.010	0.997	1.010	0.994	1.000	1.000	1.000	1.000

A.Y.E.	<u>159:147</u>	<u>171:159</u>	<u>183:171</u>	<u>195:183</u>	<u>207:195</u>	<u>219:207</u>	<u>231:219</u>	<u>243:231</u>			
6/30/1998	1.000	0.999	1.000	1.000	1.000	1.000	1.000	1.000			
6/30/1999	1.000	1.004	1.000	1.000	1.000	1.000	1.000	1.000 *			
6/30/2000	1.000	1.000	1.001	1.000	1.000	1.000	1.000 *	1.000 *			
6/30/2001	1.000	1.000	1.000	1.000	1.000	1.000 *	1.000 *	1.000 *			
6/30/2002	1.000	1.018	1.003	0.997	1.000 *	1.000 *	1.000 *	1.000 *			
6/30/2003	1.000	1.003	1.000								
6/30/2004	1.000	1.000									
6/30/2005	1.000										
3 Yr Mean	1.000	1.007	1.001	0.999	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.	<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>
6/30/2013					0.997	1.010	0.994	1.000	1.000	1.000	1.000
6/30/2014				1.010	0.997	1.010	0.994	1.000	1.000	1.000	1.000
6/30/2015			1.045	1.010	0.997	1.010	0.994	1.000	1.000	1.000	1.000
6/30/2016		1.029	1.045	1.010	0.997	1.010	0.994	1.000	1.000	1.000	1.000
6/30/2017	1.069	1.029	1.045	1.010	0.997	1.010	0.994	1.000	1.000	1.000	1.000

A.Y.E.	<u>147/159</u>	<u>159/171</u>	<u>171/183</u>	<u>183/195</u>	<u>195/207</u>	<u>207/219</u>	<u>219/231</u>	<u>231/243</u>	<u>243/Ult</u>	<u>FACTORS</u>
6/30/2013	1.000	1.001	1.000	1.000	1.000	1.000	1.000	1.000	1.000*	1.002
6/30/2014	1.000	1.001	1.000	1.000	1.000	1.000	1.000	1.000	1.000*	1.012
6/30/2015	1.000	1.001	1.000	1.000	1.000	1.000	1.000	1.000	1.000*	1.057
6/30/2016	1.000	1.001	1.000	1.000	1.000	1.000	1.000	1.000	1.000*	1.088
6/30/2017	1.000	1.001	1.000	1.000	1.000	1.000	1.000	1.000	1.000*	1.163

* 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>
6/30/1998	56,503	185,761	298,756	497,268	606,632	623,991	646,002	659,888	680,225	651,571	651,571
6/30/1999	130,957	353,522	694,327	713,417	806,989	848,003	867,919	821,213	790,961	790,172	790,172
6/30/2000	139,496	195,704	173,509	248,886	358,818	380,082	398,701	403,312	412,715	412,715	412,715
6/30/2001	221,887	302,212	498,626	1,105,629	1,424,034	1,523,309	1,557,885	1,599,750	1,607,821	1,629,133	1,658,728
6/30/2002	135,932	106,852	240,115	377,716	504,556	541,510	636,506	782,347	782,147	782,147	789,088
6/30/2003	125,095	192,861	419,484	540,936	593,761	614,681	606,115	605,914	608,897	609,385	609,385
6/30/2004	210,475	257,242	368,002	706,872	829,828	855,974	864,942	870,596	870,596	870,596	873,838
6/30/2005	132,970	218,433	327,773	464,625	535,964	553,584	569,102	571,983	571,983	571,983	572,895
6/30/2006	231,976	283,773	472,279	590,468	711,922	743,354	743,354	748,354	743,354	743,354	743,354
6/30/2007	70,297	113,028	151,727	293,486	570,646	565,325	580,511	635,525	635,525	605,525	605,525
6/30/2008	186,245	332,769	462,467	510,759	639,451	970,146	1,098,288	1,098,288	1,099,014	1,099,064	
6/30/2009	125,894	209,971	376,215	419,243	459,702	460,553	473,843	475,370	475,370		
6/30/2010	120,273	261,079	371,568	534,761	899,329	1,019,613	1,235,686	1,335,535			
6/30/2011	48,985	137,458	425,498	632,482	789,263	923,931	1,012,960				
6/30/2012	301,528	397,190	481,194	519,770	635,931	722,756					
6/30/2013	121,341	193,736	308,749	459,246	754,268						
6/30/2014	129,867	509,641	773,568	1,122,236							
6/30/2015	244,847	983,539	1,675,727								
6/30/2016	110,198	302,833									
6/30/2017	198,378										

<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>
6/30/1998	656,571	656,572	656,995	656,995	656,995	657,221	658,815	658,815	658,815
6/30/1999	790,172	790,172	790,563	790,563	790,789	792,383	792,383	792,383	
6/30/2000	412,715	412,715	412,715	420,723	422,317	422,317	422,317		
6/30/2001	1,658,728	1,658,728	1,658,954	1,660,548	1,660,548	1,660,548			
6/30/2002	789,088	789,088	789,088	789,088	789,088				
6/30/2003	609,385	609,385	609,385	611,385					
6/30/2004	873,846	873,846	873,846						
6/30/2005	572,895	572,895							
6/30/2006	743,354								

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

	Increments												
A.Y.E.	27: 15	39: 27	51: 39	63: 51	75: 63	87: 75	99: 87	111: 99	123: 111	135: 123	147: 135	159:147	171:159
6/30/1998	129,258	112,995	198,512	109,364	17,359	22,011	13,886	20,337	-28,654	0	5,000	1	423
6/30/1999	222,565	340,805	19,090	93,572	41,014	19,916	-46,706	-30,252	-789	0	0	0	391
6/30/2000	56,208	-22,195	75,377	109,932	21,264	18,619	4,611	9,403	0	0	0	0	0
6/30/2001	80,325	196,414	607,003	318,405	99,275	34,576	41,865	8,071	21,312	29,595	0	0	226
6/30/2002	-29,080	133,263	137,601	126,840	36,954	94,996	145,841	-200	0	6,941	0	0	0
6/30/2003	67,766	226,623	121,452	52,825	20,920	-8,566	-201	2,983	488	0	0	0	0
6/30/2004	46,767	110,760	338,870	122,956	26,146	8,968	5,654	0	0	3,242	8	0	0
6/30/2005	85,463	109,340	136,852	71,339	17,620	15,518	2,881	0	0	912	0	0	
6/30/2006	51,797	188,506	118,189	121,454	31,432	0	5,000	-5,000	0	0	0		
6/30/2007	42,731	38,699	141,759	277,160	-5,321	15,186	55,014	0	-30,000	0			
6/30/2008	146,524	129,698	48,292	128,692	330,695	128,142	0	726	50				
6/30/2009	84,077	166,244	43,028	40,459	851	13,290	1,527	0					
6/30/2010	140,806	110,489	163,193	364,568	120,284	216,073	99,849						
6/30/2011	88,473	288,040	206,984	156,781	134,668	89,029							
6/30/2012	95,662	84,004	38,576	116,161	86,825								
6/30/2013	72,395	115,013	150,497	295,022									
6/30/2014	379,774	263,927	348,668										
6/30/2015	738,692	692,188											
6/30/2016	192,635												

	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
6/30/1998	0.0531	0.0464	0.0815	0.0449	0.0071	0.0090	0.0057	0.0084	-0.0118	0.0000	0.0021	0.0000	0.0002
6/30/1999	0.1133	0.1735	0.0097	0.0476	0.0209	0.0101	-0.0238	-0.0154	-0.0004	0.0000	0.0000	0.0000	0.0002
6/30/2000	0.0243	-0.0096	0.0326	0.0475	0.0092	0.0081	0.0020	0.0041	0.0000	0.0000	0.0000	0.0000	0.0000
6/30/2001	0.0190	0.0464	0.1433	0.0752	0.0234	0.0082	0.0099	0.0019	0.0050	0.0070	0.0000	0.0000	0.0001
6/30/2002	-0.0113	0.0519	0.0536	0.0494	0.0144	0.0370	0.0568	-0.0001	0.0000	0.0027	0.0000	0.0000	0.0000
6/30/2003	0.0325	0.1088	0.0583	0.0254	0.0100	-0.0041	-0.0001	0.0014	0.0002	0.0000	0.0000	0.0000	0.0000
6/30/2004	0.0147	0.0347	0.1062	0.0385	0.0082	0.0028	0.0018	0.0000	0.0000	0.0010	0.0000	0.0000	0.0000
6/30/2005	0.0279	0.0357	0.0447	0.0233	0.0058	0.0051	0.0009	0.0000	0.0000	0.0003	0.0000	0.0000	
6/30/2006	0.0161	0.0587	0.0368	0.0378	0.0098	0.0000	0.0016	-0.0016	0.0000	0.0000	0.0000		
6/30/2007	0.0121	0.0110	0.0402	0.0786	-0.0015	0.0043	0.0156	0.0000	-0.0085	0.0000			
6/30/2008	0.0298	0.0264	0.0098	0.0262	0.0673	0.0261	0.0000	0.0001	0.0000				
6/30/2009	0.0280	0.0553	0.0143	0.0135	0.0003	0.0044	0.0005	0.0000					
6/30/2010	0.0523	0.0410	0.0606	0.1353	0.0446	0.0802	0.0371						
6/30/2011	0.0314	0.1022	0.0734	0.0556	0.0478	0.0316							
6/30/2012	0.0340	0.0299	0.0137	0.0413	0.0309								
6/30/2013	0.0168	0.0267	0.0350	0.0685									
6/30/2014	0.0812	0.0564	0.0746										
6/30/2015	0.1739	0.1630											
6/30/2016	0.0457												

Best 3/5	0.0537	0.0628	0.0563	0.0552	0.0411	0.0207	0.0059	0.0000	0.0000	0.0001	0.0000	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
6/30/1998	4,806,487	4,659,790	4,633,225	5,024,293	5,144,675	4,960,420	4,962,379	4,939,333	4,939,333	4,939,333	4,994,333
6/30/1999	4,669,269	5,409,064	5,366,875	5,396,735	5,482,452	5,233,411	5,152,826	5,136,635	5,159,318	5,111,019	5,099,630
6/30/2000	4,833,405	4,385,030	4,772,395	5,166,053	5,282,308	5,212,455	5,248,455	5,242,205	5,261,994	5,261,994	5,259,328
6/30/2001	4,800,725	5,674,692	6,391,203	6,601,685	6,246,591	5,923,618	5,932,051	5,911,720	5,916,460	5,916,460	5,921,460
6/30/2002	3,895,901	4,280,681	4,637,551	4,832,303	4,389,089	4,420,638	4,412,014	4,418,613	4,397,051	4,298,535	4,298,535
6/30/2003	3,685,566	3,489,961	3,597,692	4,077,327	3,968,978	3,899,856	3,848,155	3,811,655	3,811,412	3,865,672	3,841,182
6/30/2004	4,488,566	4,308,267	4,614,017	4,514,596	4,345,458	4,104,903	4,112,662	4,122,663	4,122,662	4,129,052	4,136,162
6/30/2005	4,418,736	4,267,555	4,138,292	4,225,633	4,053,978	4,058,616	4,108,844	4,118,382	4,118,382	4,118,382	4,118,382
6/30/2006	3,981,598	4,033,969	3,721,370	3,863,748	3,748,938	3,545,871	3,476,870	3,476,870	3,476,870	3,477,170	3,477,170
6/30/2007	4,595,645	5,202,960	4,662,347	4,607,420	4,441,910	4,568,951	4,541,523	4,474,875	4,440,799	4,522,799	4,422,799
6/30/2008	5,711,685	5,298,652	4,968,264	4,650,952	4,564,492	4,438,912	4,431,651	4,431,651	4,431,651	4,431,651	
6/30/2009	5,483,487	3,967,632	4,122,690	3,848,040	3,933,912	3,889,912	3,882,161	3,959,562	3,964,562		
6/30/2010	5,334,365	4,488,393	4,002,339	3,861,506	3,789,938	3,669,028	3,664,027	3,664,027			
6/30/2011	6,045,437	5,765,998	5,753,941	5,780,297	5,500,078	5,337,456	5,342,143				
6/30/2012	5,299,040	5,400,577	5,167,288	4,840,758	4,502,262	4,406,073					
6/30/2013	5,454,860	6,052,890	6,031,053	5,902,771	5,738,480						
6/30/2014	5,312,252	3,957,526	4,004,018	3,947,806							
6/30/2015	4,557,583	3,742,055	4,080,146								
6/30/2016	4,307,003	4,235,278									
6/30/2017	3,782,900										
A.Y.E.	147 Months	159 Months	171 Months	183 Months	195 Months	207 Months	219 Months	231 Months	243 Months		
6/30/1998	4,994,333	4,994,334	4,994,333	4,994,333	4,994,333	4,994,333	4,994,333	4,994,333	4,994,333		
6/30/1999	5,099,630	5,099,630	5,099,630	5,099,630	5,099,630	5,099,630	5,099,630	5,099,630	5,099,630		
6/30/2000	5,259,328	5,259,328	5,259,328	5,259,328	5,259,328	5,259,328	5,259,328				
6/30/2001	5,921,460	5,921,460	5,921,460	5,921,460	5,918,062	5,918,062					
6/30/2002	4,298,185	4,298,185	4,298,185	4,298,185	4,298,185						
6/30/2003	3,866,182	3,829,932	3,829,932	3,829,932							
6/30/2004	4,156,751	4,151,162	4,151,162								
6/30/2005	4,118,382	4,118,382									
6/30/2006	3,477,170										

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

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
6/30/1998	0.969	0.994	1.084	1.024	0.964	1.000	0.995	1.000	1.000	1.011	1.000
6/30/1999	1.158	0.992	1.006	1.016	0.955	0.985	0.997	1.004	0.991	0.998	1.000
6/30/2000	0.907	1.088	1.082	1.023	0.987	1.007	0.999	1.004	1.000	0.999	1.000
6/30/2001	1.182	1.126	1.033	0.946	0.948	1.001	0.997	1.001	1.000	1.001	1.000
6/30/2002	1.099	1.083	1.042	0.908	1.007	0.998	1.001	0.995	0.978	1.000	1.000
6/30/2003	0.947	1.031	1.133	0.973	0.983	0.987	0.991	1.000	1.014	0.994	1.007
6/30/2004	0.960	1.071	0.978	0.963	0.945	1.002	1.002	1.000	1.002	1.002	1.005
6/30/2005	0.966	0.970	1.021	0.959	1.001	1.012	1.002	1.000	1.000	1.000	1.000
6/30/2006	1.013	0.923	1.038	0.970	0.946	0.981	1.000	1.000	1.000	1.000	1.000
6/30/2007	1.132	0.896	0.988	0.964	1.029	0.994	0.985	0.992	1.018	0.978	
6/30/2008	0.928	0.938	0.936	0.981	0.972	0.998	1.000	1.000	1.000		
6/30/2009	0.724	1.039	0.933	1.022	0.989	0.998	1.020	1.001			
6/30/2010	0.841	0.892	0.965	0.981	0.968	0.999	1.000				
6/30/2011	0.954	0.998	1.005	0.952	0.970	1.001					
6/30/2012	1.019	0.957	0.937	0.930	0.979						
6/30/2013	1.110	0.996	0.979	0.972							
6/30/2014	0.745	1.012	0.986								
6/30/2015	0.821	1.090									
6/30/2016	0.983										

3 Yr Mean 0.850 1.033 0.967 0.951 0.972 0.999 1.007 0.998 1.006 0.993 1.002

Best 3/5 0.941 1.002 0.977 0.968 0.974 0.998 1.000 1.000 1.001 0.998 1.002

A.Y.E.	159:147	171:159	183:171	195:183	207:195	219:207	231:219	243:231
6/30/1998	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
6/30/1999	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000 *
6/30/2000	1.000	1.000	1.000	1.000	1.000	1.000	1.000 *	1.000 *
6/30/2001	1.000	1.000	1.000	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	0.991	1.000	1.000					
6/30/2004	0.999	1.000						
6/30/2005	1.000							

3 Yr Mean 0.997 1.000 1.000 1.000 1.000 @ 1.000 @ 1.000 @ 1.000 @

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

Development From

A.Y.E.	15/ 27	27/ 39	39/ 51	51/ 63	63/ 75	75/ 87	87/ 99	99/111	111/123	123/135	135/147
6/30/2013					0.974	0.998	1.000	1.000	1.001	0.998	1.002
6/30/2014				0.968	0.974	0.998	1.000	1.000	1.001	0.998	1.002
6/30/2015			0.977	0.968	0.974	0.998	1.000	1.000	1.001	0.998	1.002
6/30/2016		1.002	0.977	0.968	0.974	0.998	1.000	1.000	1.001	0.998	1.002
6/30/2017	0.941	1.002	0.977	0.968	0.974	0.998	1.000	1.000	1.001	0.998	1.002

A.Y.E.	147/159	159/171	171/183	183/195	195/207	207/219	219/231	231/243	243/U1t	FACTORS
6/30/2013	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000*	0.973
6/30/2014	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000*	0.942
6/30/2015	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000*	0.920
6/30/2016	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000*	0.922
6/30/2017	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000*	0.868

* 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>
6/30/1998	455,556	619,138	824,152	1,465,486	1,598,289	1,552,201	1,597,310	1,657,282	1,679,905	1,681,799	1,727,365
6/30/1999	480,165	899,570	1,563,662	1,776,548	1,841,764	1,698,264	1,729,791	1,727,268	1,727,484	1,734,183	1,734,183
6/30/2000	554,637	1,035,028	1,180,972	1,167,178	1,354,206	1,403,375	1,450,948	1,419,224	1,421,434	1,421,258	1,419,649
6/30/2001	467,587	820,001	1,585,213	2,326,376	2,574,785	2,675,717	2,688,130	2,701,086	2,694,113	2,694,113	2,694,113
6/30/2002	534,163	657,683	1,476,740	2,438,877	3,778,320	4,073,541	4,681,644	4,731,259	4,727,555	4,555,647	4,555,647
6/30/2003	320,306	386,707	567,470	886,790	1,030,060	986,187	981,131	940,153	943,116	960,169	955,802
6/30/2004	352,319	444,400	913,253	1,178,685	1,585,895	1,680,545	1,681,372	1,709,281	1,699,869	1,744,113	1,734,869
6/30/2005	167,632	561,957	719,986	889,576	1,105,648	1,235,633	1,239,044	1,238,794	1,238,794	1,238,794	1,238,794
6/30/2006	275,803	502,254	780,678	985,705	1,084,376	1,093,302	1,037,722	1,037,623	1,036,655	1,036,655	1,036,655
6/30/2007	361,286	574,834	936,378	1,067,801	1,378,663	1,639,758	1,886,522	1,985,866	2,051,930	2,060,276	2,094,777
6/30/2008	426,907	657,938	936,844	1,074,487	1,351,171	1,338,676	1,334,321	1,333,295	1,333,295	1,333,295	
6/30/2009	305,212	457,100	783,880	917,142	1,315,585	1,237,480	1,332,814	1,333,213	1,487,166		
6/30/2010	465,105	618,621	849,400	1,368,447	1,571,157	1,618,547	1,611,133	1,611,133			
6/30/2011	335,118	812,156	1,063,184	1,568,918	1,978,728	1,969,433	2,012,007				
6/30/2012	452,562	592,115	1,011,030	1,367,813	1,271,101	1,775,600					
6/30/2013	572,968	1,142,432	1,913,767	2,959,309	3,422,391						
6/30/2014	366,355	638,074	950,542	1,166,042							
6/30/2015	309,203	388,719	834,119								
6/30/2016	475,433	986,885									
6/30/2017	208,149										

<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>
6/30/1998	1,681,413	1,681,349	1,681,440	1,681,447	1,681,438	1,681,444	1,681,451	1,681,443	1,681,421
6/30/1999	1,734,183	1,734,183	1,734,183	1,734,183	1,734,183	1,734,183	1,734,183	1,734,192	
6/30/2000	1,419,649	1,419,649	1,419,649	1,419,649	1,419,649	1,419,649	1,419,649		
6/30/2001	2,694,113	2,694,113	2,694,113	2,694,113	2,694,113	2,694,113			
6/30/2002	4,557,796	4,557,796	4,557,796	4,557,796	4,557,796				
6/30/2003	955,802	955,802	955,802	955,802					
6/30/2004	1,738,796	1,755,229	1,755,279						
6/30/2005	1,238,794	1,238,794							
6/30/2006	1,036,655								

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.	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
6/30/1998	163,582	205,014	641,334	132,803	-46,088	45,109	59,972	22,623	1,894	45,566	-45,952	-64	91
6/30/1999	419,405	664,092	212,886	65,216	-143,500	31,527	-2,523	216	6,699	0	0	0	0
6/30/2000	480,391	145,944	-13,794	187,028	49,169	47,573	-31,724	2,210	-176	-1,609	0	0	0
6/30/2001	352,414	765,212	741,163	248,409	100,932	12,413	12,956	-6,973	0	0	0	0	0
6/30/2002	123,520	819,057	962,137	1,339,443	295,221	608,103	49,615	-3,704	-171,908	0	2,149	0	0
6/30/2003	66,401	180,763	319,320	143,270	-43,873	-5,056	-40,978	2,963	17,053	-4,367	0	0	0
6/30/2004	92,081	468,853	265,432	407,210	94,650	827	27,909	-9,412	44,244	-9,244	3,927	16,433	50
6/30/2005	394,325	158,029	169,590	216,072	129,985	3,411	-250	0	0	0	0	0	
6/30/2006	226,451	278,424	205,027	98,671	8,926	-55,580	-99	-968	0	0	0		
6/30/2007	213,548	361,544	131,423	310,862	261,095	246,764	99,344	66,064	8,346	34,501			
6/30/2008	231,031	278,906	137,643	276,684	-12,495	-4,355	-1,026	0	0				
6/30/2009	151,888	326,780	133,262	398,443	-78,105	95,334	399	153,953					
6/30/2010	153,516	230,779	519,047	202,710	47,390	-7,414	0						
6/30/2011	477,038	251,028	505,734	409,810	-9,295	42,574							
6/30/2012	139,553	418,915	356,783	-96,712	504,499								
6/30/2013	569,464	771,335	1,045,542	463,082									
6/30/2014	271,719	312,468	215,500										
6/30/2015	79,516	445,400											
6/30/2016	511,452												

	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
6/30/1998	0.0260	0.0325	0.1018	0.0211	-0.0073	0.0072	0.0095	0.0036	0.0003	0.0072	-0.0073	0.0000	0.0000
6/30/1999	0.0543	0.0860	0.0276	0.0084	-0.0186	0.0041	-0.0003	0.0000	0.0009	0.0000	0.0000	0.0000	0.0000
6/30/2000	0.0729	0.0221	-0.0021	0.0284	0.0075	0.0072	-0.0048	0.0003	0.0000	-0.0002	0.0000	0.0000	0.0000
6/30/2001	0.0497	0.1079	0.1045	0.0350	0.0142	0.0018	0.0018	-0.0010	0.0000	0.0000	0.0000	0.0000	0.0000
6/30/2002	0.0189	0.1251	0.1469	0.2045	0.0451	0.0929	0.0076	-0.0006	-0.0262	0.0000	0.0003	0.0000	0.0000
6/30/2003	0.0131	0.0356	0.0630	0.0283	-0.0087	-0.0010	-0.0081	0.0006	0.0034	-0.0009	0.0000	0.0000	0.0000
6/30/2004	0.0176	0.0896	0.0507	0.0778	0.0181	0.0002	0.0053	-0.0018	0.0085	-0.0018	0.0008	0.0031	0.0000
6/30/2005	0.0676	0.0271	0.0291	0.0370	0.0223	0.0006	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
6/30/2006	0.0502	0.0618	0.0455	0.0219	0.0020	-0.0123	0.0000	-0.0002	0.0000	0.0000	0.0000		
6/30/2007	0.0385	0.0652	0.0237	0.0561	0.0471	0.0445	0.0179	0.0119	0.0015	0.0062			
6/30/2008	0.0400	0.0482	0.0238	0.0478	-0.0022	-0.0008	-0.0002	0.0000	0.0000				
6/30/2009	0.0270	0.0581	0.0237	0.0709	-0.0139	0.0170	0.0001	0.0274					
6/30/2010	0.0310	0.0467	0.1050	0.0410	0.0096	-0.0015	0.0000						
6/30/2011	0.0581	0.0306	0.0616	0.0499	-0.0011	0.0052							
6/30/2012	0.0217	0.0653	0.0556	-0.0151	0.0786								
6/30/2013	0.0642	0.0870	0.1179	0.0522									
6/30/2014	0.0644	0.0741	0.0511										
6/30/2015	0.0159	0.0892											
6/30/2016	0.0747												

Best 3/5	0.0501	0.0754	0.0740	0.0477	0.0021	0.0071	0.0000	0.0040	0.0005	-0.0003	0.0001	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
6/30/1998	514,383	473,819	563,228	734,784	536,881	546,880	546,880	546,880	546,880	546,880	546,880
6/30/1999	549,818	632,789	792,046	591,695	586,118	603,617	587,717	589,904	593,404	591,714	591,714
6/30/2000	580,265	1,068,717	668,262	715,500	727,508	689,321	678,961	678,961	703,961	678,961	678,961
6/30/2001	1,498,870	1,186,992	1,098,906	1,142,524	1,128,381	1,126,748	1,126,498	1,126,498	1,126,498	1,126,498	1,126,498
6/30/2002	740,612	742,556	664,327	645,710	477,490	675,688	635,688	635,688	635,688	635,688	635,688
6/30/2003	585,016	532,165	463,253	444,869	530,711	557,911	533,911	533,911	533,911	533,911	538,911
6/30/2004	630,310	452,639	414,706	523,305	518,954	474,106	474,106	474,106	474,106	474,106	474,106
6/30/2005	387,315	348,431	316,202	327,749	315,339	315,339	315,339	315,339	315,339	315,339	315,339
6/30/2006	731,317	659,221	708,856	770,537	644,847	654,426	654,329	654,329	654,329	654,329	654,329
6/30/2007	538,501	517,816	549,249	491,459	492,208	487,176	487,176	487,176	487,176	487,176	483,731
6/30/2008	701,779	684,597	644,128	601,753	601,252	601,252	592,487	592,487	592,487	592,487	
6/30/2009	538,423	513,999	500,811	466,765	484,965	487,190	487,190	487,190	487,190		
6/30/2010	484,052	464,719	469,909	559,398	566,415	566,663	565,543	566,493			
6/30/2011	1,017,582	1,031,376	1,024,309	945,536	915,386	915,386	915,386				
6/30/2012	863,765	819,137	844,145	844,045	787,267	787,267					
6/30/2013	730,137	735,192	684,168	580,703	580,703						
6/30/2014	629,799	709,446	595,861	572,155							
6/30/2015	828,373	835,389	699,291								
6/30/2016	466,948	372,821									
6/30/2017	494,829										
A.Y.E.	147 Months	159 Months	171 Months	183 Months	195 Months	207 Months	219 Months	231 Months	243 Months		
6/30/1998	546,880	546,880	546,880	546,880	546,880	546,880	546,880	546,880	546,880		
6/30/1999	591,714	591,714	591,714	591,714	591,714	591,714	591,714	591,714			
6/30/2000	678,961	678,961	678,961	678,961	678,961	678,961	678,961				
6/30/2001	1,126,498	1,126,498	1,126,498	1,126,498	1,126,498	1,126,498					
6/30/2002	635,688	635,688	635,688	635,688	635,688						
6/30/2003	538,911	538,911	538,911	538,911							
6/30/2004	474,107	474,107	474,106								
6/30/2005	315,339	315,339									
6/30/2006	654,329										

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

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
6/30/1998	0.921	1.189	1.305	0.731	1.019	1.000	1.000	1.000	1.000	1.000	1.000
6/30/1999	1.151	1.252	0.747	0.991	1.030	0.974	1.004	1.006	0.997	1.000	1.000
6/30/2000	1.842	0.625	1.071	1.017	0.948	0.985	1.000	1.037	0.964	1.000	1.000
6/30/2001	0.792	0.926	1.040	0.988	0.999	1.000	1.000	1.000	1.000	1.000	1.000
6/30/2002	1.003	0.895	0.972	0.739	1.415	0.941	1.000	1.000	1.000	1.000	1.000
6/30/2003	0.910	0.871	0.960	1.193	1.051	0.957	1.000	1.000	1.000	1.009	1.000
6/30/2004	0.718	0.916	1.262	0.992	0.914	1.000	1.000	1.000	1.000	1.000	1.000
6/30/2005	0.900	0.908	1.037	0.962	1.000	1.000	1.000	1.000	1.000	1.000	1.000
6/30/2006	0.901	1.075	1.087	0.837	1.015	1.000	1.000	1.000	1.000	1.000	1.000
6/30/2007	0.962	1.061	0.895	1.002	0.990	1.000	1.000	1.000	1.000	0.993	1.000
6/30/2008	0.976	0.941	0.934	0.999	1.000	0.985	1.000	1.000	1.000		
6/30/2009	0.955	0.974	0.932	1.039	1.005	1.000	1.000	1.000			
6/30/2010	0.960	1.011	1.190	1.013	1.000	0.998	1.002				
6/30/2011	1.014	0.993	0.923	0.968	1.000	1.000					
6/30/2012	0.948	1.031	1.000	0.933	1.000						
6/30/2013	1.007	0.931	0.849	1.000							
6/30/2014	1.126	0.840	0.960								
6/30/2015	1.008	0.837									
6/30/2016	0.798										

3 Yr Mean 0.977 0.869 0.936 0.967 1.000 0.999 1.001 1.000 1.000 0.998 1.000

Best 3/5 0.988 0.921 0.961 0.994 1.000 0.999 1.000 1.000 1.000 1.000 1.000

A.Y.E.	159:147	171:159	183:171	195:183	207:195	219:207	231:219	243:231
6/30/1998	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
6/30/1999	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000 *
6/30/2000	1.000	1.000	1.000	1.000	1.000	1.000	1.000 *	1.000 *
6/30/2001	1.000	1.000	1.000	1.000	1.000	1.000 *	1.000 *	1.000 *
6/30/2002	1.000	1.000	1.000	1.000	1.000 *	1.000 *	1.000 *	1.000 *
6/30/2003	1.000	1.000	1.000					
6/30/2004	1.000	1.000						
6/30/2005	1.000							

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

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

A.Y.E.	15/ 27	27/ 39	39/ 51	51/ 63	63/ 75	75/ 87	87/ 99	99/111	111/123	123/135	135/147
6/30/2013					1.000	0.999	1.000	1.000	1.000	1.000	1.000
6/30/2014				0.994	1.000	0.999	1.000	1.000	1.000	1.000	1.000
6/30/2015			0.961	0.994	1.000	0.999	1.000	1.000	1.000	1.000	1.000
6/30/2016		0.921	0.961	0.994	1.000	0.999	1.000	1.000	1.000	1.000	1.000
6/30/2017	0.988	0.921	0.961	0.994	1.000	0.999	1.000	1.000	1.000	1.000	1.000

A.Y.E.	147/159	159/171	171/183	183/195	195/207	207/219	219/231	231/243	243/Ult	FACTORS
6/30/2013	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000*	0.999
6/30/2014	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000*	0.993
6/30/2015	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000*	0.954
6/30/2016	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000*	0.879
6/30/2017	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000*	0.868

* 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

<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>
6/30/1998	24,567	44,739	79,109	129,247	118,290	134,104	134,714	134,714	134,714	134,714	134,714
6/30/1999	78,312	84,077	180,845	130,190	192,595	193,723	199,495	200,554	203,274	203,402	203,402
6/30/2000	27,941	506,247	878,637	898,998	928,222	940,135	944,667	944,667	944,667	944,667	944,667
6/30/2001	171,114	387,551	530,829	435,162	484,182	488,677	488,398	488,398	488,398	488,398	488,398
6/30/2002	32,681	43,018	47,305	131,167	172,426	211,881	204,700	204,700	204,700	204,700	204,700
6/30/2003	38,808	87,909	64,709	61,512	63,405	63,405	67,263	67,263	67,263	67,263	72,263
6/30/2004	43,397	72,684	82,691	83,483	86,735	87,554	87,554	87,554	87,554	87,554	87,554
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	86,158	105,326	107,040	110,882	110,882	110,882	110,882	110,882
6/30/2007	13,702	33,690	119,792	127,469	189,114	212,215	212,215	212,215	212,215	212,215	212,215
6/30/2008	39,425	97,657	126,960	143,326	143,326	143,326	143,326	143,701	143,701	143,701	
6/30/2009	15,415	51,932	83,315	87,065	96,194	97,881	97,881	97,881	97,881		
6/30/2010	38,810	42,237	44,317	85,856	88,445	89,809	89,809	89,809			
6/30/2011	167,124	435,368	183,879	184,567	184,567	184,567	184,567				
6/30/2012	83,089	103,053	108,385	147,799	152,009	152,009					
6/30/2013	68,519	113,065	151,009	297,270	297,486						
6/30/2014	42,880	104,125	174,065	185,181							
6/30/2015	109,010	111,017	105,241								
6/30/2016	40,257	66,709									
6/30/2017	42,057										

<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>
6/30/1998	134,714	134,714	134,714	134,714	134,714	134,714	134,714	134,714	134,714
6/30/1999	203,402	203,402	203,402	203,402	203,402	203,402	203,402	203,402	
6/30/2000	944,667	944,667	944,667	944,667	944,667	944,667	944,667		
6/30/2001	488,398	488,398	488,398	488,398	488,398	488,398			
6/30/2002	204,700	204,700	204,700	204,700	204,700				
6/30/2003	72,263	72,263	72,263	72,263					
6/30/2004	87,555	87,555	87,554						
6/30/2005	53,124	53,124							
6/30/2006	110,882								

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

	Increments												
A.Y.E.	27: 15	39: 27	51: 39	63: 51	75: 63	87: 75	99: 87	111: 99	123: 111	135: 123	147: 135	159:147	171:159
6/30/1998	20,172	34,370	50,138	-10,957	15,814	610	0	0	0	0	0	0	0
6/30/1999	5,765	96,768	-50,655	62,405	1,128	5,772	1,059	2,720	128	0	0	0	0
6/30/2000	478,306	372,390	20,361	29,224	11,913	4,532	0	0	0	0	0	0	0
6/30/2001	216,437	143,278	-95,667	49,020	4,495	-279	0	0	0	0	0	0	0
6/30/2002	10,337	4,287	83,862	41,259	39,455	-7,181	0	0	0	0	0	0	0
6/30/2003	49,101	-23,200	-3,197	1,893	0	3,858	0	0	0	5,000	0	0	0
6/30/2004	29,287	10,007	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	
6/30/2006	24,138	8,772	23,026	19,168	1,714	3,842	0	0	0	0	0		
6/30/2007	19,988	86,102	7,677	61,645	23,101	0	0	0	0	0			
6/30/2008	58,232	29,303	16,366	0	0	0	375	0	0				
6/30/2009	36,517	31,383	3,750	9,129	1,687	0	0	0					
6/30/2010	3,427	2,080	41,539	2,589	1,364	0	0						
6/30/2011	268,244	-251,489	688	0	0	0							
6/30/2012	19,964	5,332	39,414	4,210	250								
6/30/2013	44,546	37,944	146,261	216									
6/30/2014	61,245	69,940	11,116										
6/30/2015	2,007	-5,776											
6/30/2016	26,452												

	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
6/30/1998	0.0330	0.0562	0.0819	-0.0179	0.0258	0.0010	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
6/30/1999	0.0056	0.0946	-0.0495	0.0610	0.0011	0.0056	0.0010	0.0027	0.0001	0.0000	0.0000	0.0000	0.0000
6/30/2000	0.4240	0.3301	0.0180	0.0259	0.0106	0.0040	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
6/30/2001	0.1781	0.1179	-0.0787	0.0403	0.0037	-0.0002	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
6/30/2002	0.0156	0.0065	0.1266	0.0623	0.0596	-0.0108	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
6/30/2003	0.0872	-0.0412	-0.0057	0.0034	0.0000	0.0069	0.0000	0.0000	0.0000	0.0089	0.0000	0.0000	0.0000
6/30/2004	0.0590	0.0202	0.0016	0.0066	0.0016	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
6/30/2005	0.1120	-0.0324	-0.0191	0.0020	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
6/30/2006	0.0286	0.0104	0.0273	0.0227	0.0020	0.0046	0.0000	0.0000	0.0000	0.0000	0.0000		
6/30/2007	0.0394	0.1695	0.0151	0.1214	0.0455	0.0000	0.0000	0.0000	0.0000	0.0000			
6/30/2008	0.0748	0.0377	0.0210	0.0000	0.0000	0.0000	0.0005	0.0000	0.0000				
6/30/2009	0.0688	0.0591	0.0071	0.0172	0.0032	0.0000	0.0000	0.0000					
6/30/2010	0.0033	0.0020	0.0405	0.0025	0.0013	0.0000	0.0000						
6/30/2011	0.2752	-0.2580	0.0007	0.0000	0.0000	0.0000							
6/30/2012	0.0237	0.0063	0.0467	0.0050	0.0003								
6/30/2013	0.0706	0.0601	0.2317	0.0003									
6/30/2014	0.0716	0.0817	0.0130										
6/30/2015	0.0019	-0.0054											
6/30/2016	0.0680												

Best 3/5	0.0541	0.0204	0.0334	0.0026	0.0005	0.0000	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:

<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>
6/30/1998	70,883,652	117,155,879	138,554,869	145,775,673	153,659,916	155,255,490	155,768,583	155,291,787	154,687,505	154,116,614	153,518,606
6/30/1999	79,410,885	114,531,064	136,908,506	155,468,016	162,270,612	164,211,653	165,167,157	163,584,789	163,699,433	163,421,830	163,270,967
6/30/2000	62,256,695	97,708,747	142,978,549	160,479,786	166,267,589	166,088,015	165,346,478	164,392,934	163,600,620	163,292,344	162,911,426
6/30/2001	57,741,009	122,655,048	165,880,202	182,222,499	187,609,487	183,137,649	180,505,934	179,336,537	178,823,146	178,866,913	178,371,283
6/30/2002	57,431,486	100,084,883	132,690,752	149,437,020	147,869,547	144,349,898	142,129,621	140,872,839	140,779,776	140,411,285	140,721,258
6/30/2003	60,756,760	98,992,508	134,759,492	147,337,077	144,612,275	141,358,797	140,366,809	139,292,855	138,589,373	138,536,032	138,229,769
6/30/2004	65,491,176	107,028,654	142,508,994	148,327,799	144,827,017	142,979,756	140,495,019	139,660,314	139,276,222	139,654,947	139,524,846
6/30/2005	63,260,490	101,101,847	130,612,888	139,367,695	136,665,161	133,245,129	131,499,190	131,121,726	130,882,896	131,007,100	131,053,500
6/30/2006	68,623,876	103,487,470	129,250,917	133,868,894	130,869,528	129,132,704	129,731,118	129,827,676	128,935,201	128,437,955	128,043,568
6/30/2007	68,000,937	101,516,363	128,463,303	133,993,788	132,306,206	131,585,570	130,522,880	130,254,617	130,065,186	129,849,441	130,059,259
6/30/2008	74,331,057	110,486,252	141,231,497	147,723,987	145,397,115	143,945,838	143,968,620	143,234,465	142,737,539	142,762,876	
6/30/2009	72,228,602	113,666,991	138,158,042	148,097,843	146,172,839	144,900,674	144,231,507	143,325,314	142,767,859		
6/30/2010	80,223,010	113,000,625	143,033,138	148,951,096	149,132,447	146,971,559	146,267,113	146,694,743			
6/30/2011	80,461,808	122,715,128	151,572,648	165,168,188	163,837,192	161,210,741	161,237,528				
6/30/2012	72,587,240	106,878,674	135,542,530	142,560,603	142,170,825	141,911,247					
6/30/2013	67,735,813	108,278,753	130,547,356	136,961,475	139,613,302						
6/30/2014	81,462,506	121,985,347	158,414,146	171,073,376							
6/30/2015	68,974,492	107,303,884	142,865,700								
6/30/2016	60,635,896	99,087,326									
6/30/2017	69,308,488										
<u>A.Y.E.</u>	<u>147 Months</u>	<u>159 Months</u>	<u>171 Months</u>	<u>183 Months</u>	<u>195 Months</u>	<u>207 Months</u>	<u>219 Months</u>	<u>231 Months</u>	<u>243 Months</u>		
6/30/1998	153,820,953	153,906,123	153,930,024	153,933,582	153,860,231	153,760,734	153,846,627	153,907,056	153,961,485		
6/30/1999	163,266,356	163,477,912	163,251,586	163,252,909	163,221,833	163,297,897	163,206,636	163,297,078			
6/30/2000	162,867,909	162,843,732	162,751,512	162,921,314	162,867,733	162,956,882	163,018,270				
6/30/2001	178,579,560	178,554,713	178,854,261	178,638,460	178,368,663	178,591,555					
6/30/2002	140,395,323	140,447,857	140,286,986	140,257,624	140,271,415						
6/30/2003	138,466,219	138,276,100	138,080,490	138,050,918							
6/30/2004	139,769,358	139,704,440	139,774,304								
6/30/2005	131,187,697	131,265,189									
6/30/2006	128,038,314										

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
6/30/1998	1.653	1.183	1.052	1.054	1.010	1.003	0.997	0.996	0.996	0.996	1.002
6/30/1999	1.442	1.195	1.136	1.044	1.012	1.006	0.990	1.001	0.998	0.999	1.000
6/30/2000	1.569	1.463	1.122	1.036	0.999	0.996	0.994	0.995	0.998	0.998	1.000
6/30/2001	2.124	1.352	1.099	1.030	0.976	0.986	0.994	0.997	1.000	0.997	1.001
6/30/2002	1.743	1.326	1.126	0.990	0.976	0.985	0.991	0.999	0.997	1.002	0.998
6/30/2003	1.629	1.361	1.093	0.982	0.978	0.993	0.992	0.995	1.000	0.998	1.002
6/30/2004	1.634	1.332	1.041	0.976	0.987	0.983	0.994	0.997	1.003	0.994	1.002
6/30/2005	1.598	1.292	1.067	0.981	0.975	0.987	0.997	0.998	1.001	1.000	1.001
6/30/2006	1.508	1.249	1.036	0.978	0.987	1.005	1.001	0.993	0.996	0.997	1.000
6/30/2007	1.493	1.265	1.043	0.987	0.995	0.992	0.998	0.999	0.998	1.002	
6/30/2008	1.486	1.278	1.046	0.984	0.990	1.000	0.995	0.997	1.000		
6/30/2009	1.574	1.215	1.072	0.987	0.991	0.995	0.994	0.996			
6/30/2010	1.409	1.266	1.041	1.001	0.986	0.995	1.003				
6/30/2011	1.525	1.235	1.090	0.992	0.984	1.000					
6/30/2012	1.472	1.268	1.052	0.997	0.998						
6/30/2013	1.599	1.206	1.049	1.019							
6/30/2014	1.497	1.299	1.080								
6/30/2015	1.556	1.331									
6/30/2016	1.634										
3 Yr Mean	1.562	1.279	1.060	1.003	0.989	0.997	0.997	0.997	0.998	1.000	1.001
Best 3/5	1.551	1.267	1.060	0.997	0.989	0.997	0.998	0.997	1.000	0.999	1.001

A.Y.E.	159:147	171:159	183:171	195:183	207:195	219:207	231:219	243:231			
6/30/1998	1.001	1.000	1.000	1.000	0.999	1.001	1.000	1.000			
6/30/1999	1.001	0.999	1.000	1.000	1.000	0.999	1.001	1.000 *			
6/30/2000	1.000	0.999	1.001	1.000	1.001	1.000	1.000 *	1.000 *			
6/30/2001	1.000	1.002	0.999	0.998	1.001	1.000 *	1.000 *	1.000 *			
6/30/2002	1.000	0.999	1.000	1.000	1.000 *	1.000 *	1.000 *	1.000 *			
6/30/2003	0.999	0.999	1.000								
6/30/2004	1.000	1.001									
6/30/2005	1.001										
3 Yr Mean	1.000	1.000	1.000	0.999	1.001 @	1.000 @	1.001 @	1.000 @			
Best 3/5	1.000	1.000	1.000	1.000	1.000 *	1.000 *	1.000 *	1.000 *			

A.Y.E.	15/ 27	27/ 39	39/ 51	Development From		63/ 75	75/ 87	87/ 99	99/111	111/123	123/135	135/147
6/30/2013						0.989	0.997	0.998	0.997	1.000	0.999	1.001
6/30/2014					0.997	0.989	0.997	0.998	0.997	1.000	0.999	1.001
6/30/2015			1.060		0.997	0.989	0.997	0.998	0.997	1.000	0.999	1.001
6/30/2016		1.267	1.060		0.997	0.989	0.997	0.998	0.997	1.000	0.999	1.001
6/30/2017	1.551	1.267	1.060		0.997	0.989	0.997	0.998	0.997	1.000	0.999	1.001

A.Y.E.	147/159	159/171	171/183	183/195	195/207	207/219	219/231	231/243	243/211	FACTORS	
6/30/2013	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000*	0.981	
6/30/2014	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000*	0.978	
6/30/2015	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000*	1.037	
6/30/2016	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000*	1.314	
6/30/2017	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000*	2.038	

* 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:

<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>
6/30/1998	5,427,648	10,610,137	12,121,343	14,289,584	15,088,869	15,525,226	14,393,464	14,401,259	14,962,960	14,517,503	14,538,503
6/30/1999	4,895,851	8,228,372	12,600,128	14,631,758	15,298,384	14,550,213	14,281,073	14,924,516	14,762,508	14,773,467	14,776,535
6/30/2000	3,881,876	8,095,107	13,441,165	16,447,101	13,383,613	13,655,586	15,048,489	14,280,156	14,129,295	14,171,206	13,965,398
6/30/2001	5,401,370	11,763,717	16,431,760	14,668,268	14,529,506	15,859,467	15,815,841	15,318,314	14,826,782	14,991,914	14,986,066
6/30/2002	5,086,944	9,988,658	13,213,568	14,614,310	14,243,134	14,851,215	14,034,434	14,433,849	14,115,978	14,302,587	14,419,977
6/30/2003	7,547,568	10,377,352	13,807,989	15,950,352	16,699,951	15,646,157	15,487,029	15,144,368	15,133,253	14,949,074	15,356,838
6/30/2004	6,393,168	10,986,353	14,285,069	17,182,890	15,952,362	16,266,952	15,132,323	15,684,869	15,430,550	15,641,088	15,538,518
6/30/2005	6,691,534	11,850,305	15,411,468	15,691,400	16,194,803	15,603,706	15,945,891	15,777,687	15,581,597	15,199,666	15,241,667
6/30/2006	8,597,858	13,340,176	17,747,235	19,398,016	18,142,499	18,470,649	18,434,343	18,331,856	18,393,144	18,246,027	18,256,655
6/30/2007	8,666,339	13,192,857	15,730,005	17,896,694	17,636,982	17,625,311	17,508,136	17,912,852	18,122,453	18,188,378	18,103,923
6/30/2008	11,512,926	14,866,932	18,753,577	20,514,838	20,733,233	19,885,579	20,299,573	20,247,210	20,222,164	20,073,480	
6/30/2009	7,029,606	13,862,909	16,667,935	17,277,477	18,275,980	18,061,540	18,395,761	18,154,741	18,391,552		
6/30/2010	10,575,287	14,789,436	17,539,348	19,137,801	19,835,080	20,180,292	20,036,294	19,640,833			
6/30/2011	10,971,477	16,292,367	19,673,745	21,257,437	21,397,170	21,413,762	21,528,792				
6/30/2012	8,805,961	15,415,883	20,470,134	22,286,951	22,584,730	22,531,458					
6/30/2013	9,012,591	16,288,943	18,478,508	20,173,158	20,095,259						
6/30/2014	11,760,080	17,546,995	21,104,242	23,811,491							
6/30/2015	8,643,777	15,314,419	21,352,381								
6/30/2016	9,927,544	14,640,652									
6/30/2017	10,134,801										
<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>		
6/30/1998	14,533,503	14,533,604	14,516,253	14,536,253	14,536,253	14,516,253	14,516,253	14,516,253	14,616,253		
6/30/1999	14,773,229	14,756,630	14,729,090	14,631,630	14,531,630	14,531,632	14,531,630	14,631,630			
6/30/2000	14,014,544	14,104,944	14,038,445	14,043,440	14,038,440	13,944,940	13,944,940				
6/30/2001	14,882,928	15,103,208	15,126,112	15,086,912	15,084,411	15,084,411					
6/30/2002	15,000,300	15,044,229	15,139,889	15,254,290	15,112,618						
6/30/2003	15,540,006	15,596,473	15,592,304	15,543,303							
6/30/2004	15,537,405	15,600,804	15,600,804								
6/30/2005	15,207,090	14,981,457									
6/30/2006	18,289,857										

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
6/30/1998	1.955	1.142	1.179	1.056	1.029	0.927	1.001	1.039	0.970	1.001	1.000
6/30/1999	1.681	1.531	1.161	1.046	0.951	0.982	1.045	0.989	1.001	1.000	1.000
6/30/2000	2.085	1.660	1.224	0.814	1.020	1.102	0.949	0.989	1.003	0.985	1.004
6/30/2001	2.178	1.397	0.893	0.991	1.092	0.997	0.969	0.968	1.011	1.000	0.993
6/30/2002	1.964	1.323	1.106	0.975	1.043	0.945	1.028	0.978	1.013	1.008	1.040
6/30/2003	1.375	1.331	1.155	1.047	0.937	0.990	0.978	0.999	0.988	1.027	1.012
6/30/2004	1.718	1.300	1.203	0.928	1.020	0.930	1.037	0.984	1.014	0.993	1.000
6/30/2005	1.771	1.301	1.018	1.032	0.964	1.022	0.989	0.988	0.975	1.003	0.998
6/30/2006	1.552	1.330	1.093	0.935	1.018	0.998	0.994	1.003	0.992	1.001	1.002
6/30/2007	1.522	1.192	1.138	0.985	0.999	0.993	1.023	1.012	1.004	0.995	
6/30/2008	1.291	1.261	1.094	1.011	0.959	1.021	0.997	0.999	0.993		
6/30/2009	1.972	1.202	1.037	1.058	0.988	1.019	0.987	1.013			
6/30/2010	1.398	1.186	1.091	1.036	1.017	0.993	0.980				
6/30/2011	1.485	1.208	1.080	1.007	1.001	1.005					
6/30/2012	1.751	1.328	1.089	1.013	0.998						
6/30/2013	1.807	1.134	1.092	0.996							
6/30/2014	1.492	1.203	1.128								
6/30/2015	1.772	1.394									
6/30/2016	1.475										

3 Yr Mean	1.580	1.244	1.103	1.005	1.005	1.006	0.988	1.008	0.996	1.000	1.000
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Best 3/5	1.672	1.246	1.091	1.019	0.996	1.006	0.993	1.005	0.996	1.000	1.005
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A.Y.E.	159:147	171:159	183:171	195:183	207:195	219:207	231:219	243:231			
6/30/1998	1.000	0.999	1.001	1.000	0.999	1.000	1.000	1.007			
6/30/1999	0.999	0.998	0.993	0.993	1.000	1.000	1.007	1.000 *			
6/30/2000	1.006	0.995	1.000	1.000	0.993	1.000	1.000 *	1.000 *			
6/30/2001	1.015	1.002	0.997	1.000	1.000	1.000 *	1.000 *	1.000 *			
6/30/2002	1.003	1.006	1.008	0.991	0.998 *	1.000 *	1.000 *	1.000 *			
6/30/2003	1.004	1.000	0.997								
6/30/2004	1.004	1.000									
6/30/2005	0.985										

3 Yr Mean	0.998	1.002	1.001	0.997	0.998 @	1.000 @	1.004 @	1.007 @			
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Best 3/5	1.004	1.001	0.998	0.998	0.999 *	1.000 *	1.000 *	1.000 *			
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Development From

A.Y.E.	15/ 27	27/ 39	39/ 51	51/ 63	63/ 75	75/ 87	87/ 99	99/111	111/123	123/135	135/147
6/30/2013					0.996	1.006	0.993	1.005	0.996	1.000	1.005
6/30/2014				1.019	0.996	1.006	0.993	1.005	0.996	1.000	1.005
6/30/2015			1.091	1.019	0.996	1.006	0.993	1.005	0.996	1.000	1.005
6/30/2016		1.246	1.091	1.019	0.996	1.006	0.993	1.005	0.996	1.000	1.005
6/30/2017	1.672	1.246	1.091	1.019	0.996	1.006	0.993	1.005	0.996	1.000	1.005

A.Y.E.	147/159	159/171	171/183	183/195	195/207	207/219	219/231	231/243	243/211	FACTORS
6/30/2013	1.004	1.001	0.998	0.998	0.999	1.000	1.000	1.000	1.000*	1.001
6/30/2014	1.004	1.001	0.998	0.998	0.999	1.000	1.000	1.000	1.000*	1.020
6/30/2015	1.004	1.001	0.998	0.998	0.999	1.000	1.000	1.000	1.000*	1.113
6/30/2016	1.004	1.001	0.998	0.998	0.999	1.000	1.000	1.000	1.000*	1.386
6/30/2017	1.004	1.001	0.998	0.998	0.999	1.000	1.000	1.000	1.000*	2.318

* 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>
6/30/1998	12,615,018	25,576,917	43,993,354	58,078,746	68,334,302	74,846,379	79,732,666	81,967,090	83,739,784	84,500,452	84,397,019
6/30/1999	9,915,762	26,061,291	43,252,763	59,696,365	70,710,064	79,592,641	82,531,544	84,051,973	85,251,017	85,415,013	86,192,406
6/30/2000	9,384,283	22,498,400	45,011,370	67,814,790	82,110,277	87,578,148	95,722,443	97,123,483	95,025,314	98,131,014	95,313,618
6/30/2001	9,746,489	28,596,485	56,251,082	82,014,103	99,613,884	106,752,395	110,139,510	112,668,599	114,329,867	115,345,258	116,939,736
6/30/2002	10,674,954	26,314,199	50,228,867	73,682,571	85,453,092	90,486,558	97,827,295	99,452,783	99,744,567	100,710,360	100,495,086
6/30/2003	10,414,674	26,845,968	48,413,702	68,282,447	78,490,844	85,771,220	88,522,562	90,475,555	91,325,915	91,695,564	91,801,393
6/30/2004	9,044,142	23,675,923	48,935,724	69,482,282	79,127,783	86,964,887	89,549,193	91,023,843	91,083,385	91,748,275	92,005,297
6/30/2005	9,303,358	24,952,852	45,783,693	65,119,211	75,727,955	79,943,989	81,692,110	82,661,704	84,374,901	84,536,565	85,183,949
6/30/2006	6,978,673	22,940,994	45,743,500	63,452,597	75,529,008	81,052,117	86,397,635	89,079,853	89,952,648	92,137,532	92,195,225
6/30/2007	8,474,298	24,387,159	48,505,246	66,759,107	76,098,308	81,729,351	84,641,967	86,443,063	87,130,169	87,870,284	88,060,800
6/30/2008	9,168,809	25,025,338	53,279,806	74,612,424	88,394,384	94,496,177	100,082,969	102,630,654	103,785,124	104,433,817	
6/30/2009	9,560,339	26,164,355	50,479,819	71,950,614	84,333,457	94,407,913	96,915,321	98,438,715	99,525,108		
6/30/2010	12,062,682	30,712,122	60,995,762	86,917,287	99,719,885	105,565,433	107,457,382	109,864,466			
6/30/2011	12,677,627	36,561,204	62,374,907	88,535,815	102,228,713	115,084,849	118,170,292				
6/30/2012	12,232,208	30,681,561	61,260,927	86,522,396	101,220,650	109,835,247					
6/30/2013	10,926,364	30,936,924	59,087,214	86,008,767	100,041,584						
6/30/2014	10,921,545	31,888,664	65,994,709	94,420,417							
6/30/2015	10,848,084	29,582,681	61,547,234								
6/30/2016	9,035,941	29,977,868									
6/30/2017	12,427,407										

<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>
6/30/1998	84,213,688	84,293,647	84,661,994	85,143,950	85,229,436	85,312,999	85,208,251	85,412,588	85,522,622
6/30/1999	87,103,631	87,086,535	87,161,588	87,213,497	87,227,639	87,312,068	87,390,168	87,470,094	
6/30/2000	95,502,811	95,708,210	95,795,565	95,924,616	95,980,422	96,256,619	96,322,869		
6/30/2001	117,780,427	117,916,975	118,818,023	119,541,948	119,833,675	120,664,582			
6/30/2002	100,815,462	101,399,832	102,221,350	102,322,319	102,409,284				
6/30/2003	92,026,915	92,792,338	92,926,791	93,146,282					
6/30/2004	92,385,460	92,451,784	92,450,453						
6/30/2005	85,234,255	85,864,119							
6/30/2006	92,947,132								

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

A.Y.E.	Increments												
	<u>27: 15</u>	<u>39: 27</u>	<u>51: 39</u>	<u>63: 51</u>	<u>75: 63</u>	<u>87: 75</u>	<u>99: 87</u>	<u>111: 99</u>	<u>123: 111</u>	<u>135: 123</u>	<u>147: 135</u>	<u>159:147</u>	<u>171:159</u>
6/30/1998	12,961,899	18,416,437	14,085,392	10,255,556	6,512,077	4,886,287	2,234,424	1,772,694	760,668	-103,433	-183,331	79,959	368,347
6/30/1999	16,145,529	17,191,472	16,443,602	11,013,699	8,882,577	2,938,903	1,520,429	1,199,044	163,996	777,393	911,225	-17,096	75,053
6/30/2000	13,114,117	22,512,970	22,803,420	14,295,487	5,467,871	8,144,295	1,401,040	-2,098,169	3,105,700	-2,817,396	189,193	205,399	87,355
6/30/2001	18,849,996	27,654,597	25,763,021	17,599,781	7,138,511	3,387,115	2,529,089	1,661,268	1,015,391	1,594,478	840,691	136,548	901,048
6/30/2002	15,639,245	23,914,668	23,453,704	11,770,521	5,033,466	7,340,737	1,625,488	291,784	965,793	-215,274	320,376	584,370	821,518
6/30/2003	16,431,294	21,567,734	19,868,745	10,208,397	7,280,376	2,751,342	1,952,993	850,360	369,649	105,829	225,522	765,423	134,453
6/30/2004	14,631,781	25,259,801	20,546,558	9,645,501	7,837,104	2,584,306	1,474,650	59,542	664,890	257,022	380,163	66,324	-1,331
6/30/2005	15,649,494	20,830,841	19,335,518	10,608,744	4,216,034	1,748,121	969,594	1,713,197	161,664	647,384	50,306	629,864	
6/30/2006	15,962,321	22,802,506	17,709,097	12,076,411	5,523,109	5,345,518	2,682,218	872,795	2,184,884	57,693	751,907		
6/30/2007	15,912,861	24,118,087	18,253,861	9,339,201	5,631,043	2,912,616	1,801,096	687,106	740,115	190,516			
6/30/2008	15,856,529	28,254,468	21,332,618	13,781,960	6,101,793	5,586,792	2,547,685	1,154,470	648,693				
6/30/2009	16,604,016	24,315,464	21,470,795	12,382,843	10,074,456	2,507,408	1,523,394	1,086,393					
6/30/2010	18,649,440	30,283,640	25,921,525	12,802,598	5,845,548	1,891,949	2,407,084						
6/30/2011	23,883,577	25,813,703	26,160,908	13,692,898	12,856,136	3,085,443							
6/30/2012	18,449,353	30,579,366	25,261,469	14,698,254	8,614,597								
6/30/2013	20,010,560	28,150,290	26,921,553	14,032,817									
6/30/2014	20,967,119	34,106,045	28,425,708										
6/30/2015	18,734,597	31,964,553											
6/30/2016	20,941,927												

A.Y.E.	Incremental Percentages												
	<u>27: 15</u>	<u>39: 27</u>	<u>51: 39</u>	<u>63: 51</u>	<u>75: 63</u>	<u>87: 75</u>	<u>99: 87</u>	<u>111: 99</u>	<u>123: 111</u>	<u>135: 123</u>	<u>147: 135</u>	<u>159:147</u>	<u>171:159</u>
6/30/1998	0.0478	0.0679	0.0520	0.0378	0.0240	0.0180	0.0082	0.0065	0.0028	-0.0004	-0.0007	0.0003	0.0014
6/30/1999	0.0542	0.0577	0.0552	0.0370	0.0298	0.0099	0.0051	0.0040	0.0006	0.0026	0.0031	-0.0001	0.0003
6/30/2000	0.0444	0.0761	0.0771	0.0483	0.0185	0.0275	0.0047	-0.0071	0.0105	-0.0095	0.0006	0.0007	0.0003
6/30/2001	0.0579	0.0850	0.0791	0.0541	0.0219	0.0104	0.0078	0.0051	0.0031	0.0049	0.0026	0.0004	0.0028
6/30/2002	0.0611	0.0935	0.0917	0.0460	0.0197	0.0287	0.0064	0.0011	0.0038	-0.0008	0.0013	0.0023	0.0032
6/30/2003	0.0636	0.0835	0.0769	0.0395	0.0282	0.0106	0.0076	0.0033	0.0014	0.0004	0.0009	0.0030	0.0005
6/30/2004	0.0563	0.0972	0.0790	0.0371	0.0301	0.0099	0.0057	0.0002	0.0026	0.0010	0.0015	0.0003	0.0000
6/30/2005	0.0653	0.0869	0.0807	0.0443	0.0176	0.0073	0.0040	0.0071	0.0007	0.0027	0.0002	0.0026	
6/30/2006	0.0668	0.0955	0.0742	0.0506	0.0231	0.0224	0.0112	0.0037	0.0092	0.0002	0.0031		
6/30/2007	0.0628	0.0952	0.0721	0.0369	0.0222	0.0115	0.0071	0.0027	0.0029	0.0008			
6/30/2008	0.0566	0.1009	0.0762	0.0492	0.0218	0.0199	0.0091	0.0041	0.0023				
6/30/2009	0.0605	0.0885	0.0782	0.0451	0.0367	0.0091	0.0055	0.0040					
6/30/2010	0.0704	0.1143	0.0978	0.0483	0.0221	0.0071	0.0091						
6/30/2011	0.0776	0.0838	0.0850	0.0445	0.0418	0.0100							
6/30/2012	0.0667	0.1105	0.0913	0.0531	0.0311								
6/30/2013	0.0732	0.1029	0.0985	0.0513									
6/30/2014	0.0636	0.1035	0.0862										
6/30/2015	0.0647	0.1105											
6/30/2016	0.0839												

Best 3/5	0.0682	0.1056	0.0918	0.0482	0.0300	0.0102	0.0084	0.0039	0.0026	0.0007	0.0012	0.0018	0.0012
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PREMISES/OPERATIONS (Subline Code 334)
 MANUFACTURERS AND CONTRACTORS
 FULL COVERAGE
 MULTISTATE
 PROPERTY DAMAGE - OCCURRENCE
 INCURRED ACCIDENT YEAR BASIC LIMITS LOSS DEVELOPMENT EXCLUDING ALAE

\$100,000 Basic Limit Losses as of:

<u>A.Y.E.</u>	<u>15 Months</u>	<u>27 Months</u>	<u>39 Months</u>	<u>51 Months</u>	<u>63 Months</u>	<u>75 Months</u>	<u>87 Months</u>	<u>99 Months</u>	<u>111 Months</u>	<u>123 Months</u>	<u>135 Months</u>
6/30/1998	87,454,828	101,751,390	107,459,304	118,364,179	118,704,161	119,561,244	120,245,995	119,154,942	119,328,495	118,807,912	118,883,610
6/30/1999	101,622,351	114,454,848	131,609,187	129,619,851	132,260,735	131,890,828	131,028,007	129,895,439	130,352,216	130,339,384	130,701,810
6/30/2000	112,892,420	139,239,190	142,606,630	147,889,328	148,013,284	147,503,832	146,306,152	146,964,661	147,488,452	147,932,853	147,834,960
6/30/2001	121,836,644	131,452,412	142,117,318	147,319,117	148,323,680	148,879,832	149,785,461	149,661,284	150,383,301	151,387,386	151,787,396
6/30/2002	103,073,841	117,467,542	122,898,883	125,286,615	125,980,086	126,968,516	126,875,681	127,289,949	127,427,068	128,008,598	128,525,966
6/30/2003	90,536,427	101,316,491	107,474,166	108,950,273	108,899,883	109,730,826	109,889,282	111,029,036	111,413,812	111,563,152	111,783,276
6/30/2004	99,924,101	114,116,589	119,654,986	120,323,334	120,754,088	120,957,358	120,868,966	121,538,663	121,844,437	121,998,581	122,320,830
6/30/2005	104,361,655	112,384,264	113,861,418	116,559,532	117,478,221	117,671,808	118,465,360	119,239,141	119,356,363	120,049,130	120,088,035
6/30/2006	107,245,778	117,847,934	120,921,973	121,928,911	123,056,151	123,988,042	125,232,198	126,300,555	126,894,381	127,713,546	127,954,053
6/30/2007	113,427,182	124,369,609	127,598,162	128,944,475	130,566,694	132,140,560	133,262,541	134,273,970	135,084,687	136,130,419	136,086,696
6/30/2008	121,381,537	132,633,683	135,515,177	136,665,218	139,086,909	140,694,061	141,677,915	142,502,985	143,241,498	143,769,349	
6/30/2009	125,642,191	135,248,901	138,182,211	141,125,682	140,565,653	141,799,077	142,357,812	143,093,801	144,799,226		
6/30/2010	118,310,295	129,563,870	131,912,439	133,945,750	135,387,833	135,581,972	136,410,662	136,698,597			
6/30/2011	129,887,193	141,698,572	145,634,398	145,651,351	146,089,595	146,960,618	147,915,639				
6/30/2012	134,064,698	143,323,306	145,814,262	146,652,080	147,739,200	148,741,609					
6/30/2013	125,683,981	136,487,584	141,617,186	143,101,268	143,888,135						
6/30/2014	122,995,577	133,779,959	138,493,471	139,941,217							
6/30/2015	123,912,097	135,166,887	141,549,113								
6/30/2016	125,566,722	139,638,372									
6/30/2017	135,246,367										
<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>		
6/30/1998	119,073,941	119,167,260	119,271,271	119,249,390	119,297,183	119,325,979	119,374,856	119,194,623	119,397,243		
6/30/1999	130,763,217	131,086,574	130,813,031	130,984,934	131,022,057	130,945,671	131,023,534	131,236,955			
6/30/2000	148,426,101	147,705,515	147,641,584	147,621,725	147,712,382	147,709,144	147,939,380				
6/30/2001	151,695,253	151,587,251	151,832,130	151,744,181	151,924,640	152,090,049					
6/30/2002	128,494,220	128,676,368	129,074,641	129,567,378	129,671,956						
6/30/2003	112,256,649	112,389,414	112,577,798	112,568,949							
6/30/2004	122,583,719	122,705,391	123,139,412								
6/30/2005	120,176,733	120,586,774									
6/30/2006	128,042,083										

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
6/30/1998	1.163	1.056	1.101	1.003	1.007	1.006	0.991	1.001	0.996	1.001	1.002
6/30/1999	1.126	1.150	0.985	1.020	0.997	0.993	0.991	1.004	1.000	1.003	1.000
6/30/2000	1.233	1.024	1.037	1.001	0.997	0.992	1.005	1.004	1.003	0.999	1.004
6/30/2001	1.079	1.081	1.037	1.007	1.004	1.006	0.999	1.005	1.007	1.003	0.999
6/30/2002	1.140	1.046	1.019	1.006	1.008	0.999	1.003	1.001	1.005	1.004	1.000
6/30/2003	1.119	1.061	1.014	1.000	1.008	1.001	1.010	1.003	1.001	1.002	1.004
6/30/2004	1.142	1.049	1.006	1.004	1.002	0.999	1.006	1.003	1.001	1.003	1.002
6/30/2005	1.077	1.013	1.024	1.008	1.002	1.007	1.007	1.001	1.006	1.000	1.001
6/30/2006	1.099	1.026	1.008	1.009	1.008	1.010	1.009	1.005	1.006	1.002	1.001
6/30/2007	1.096	1.026	1.011	1.013	1.012	1.008	1.008	1.006	1.008	1.000	
6/30/2008	1.093	1.022	1.008	1.018	1.012	1.007	1.006	1.005	1.004		
6/30/2009	1.076	1.022	1.021	0.996	1.009	1.004	1.005	1.012			
6/30/2010	1.095	1.018	1.015	1.011	1.001	1.006	1.002				
6/30/2011	1.091	1.028	1.000	1.003	1.006	1.006					
6/30/2012	1.069	1.017	1.006	1.007	1.007						
6/30/2013	1.086	1.038	1.010	1.005							
6/30/2014	1.088	1.035	1.010								
6/30/2015	1.091	1.047									
6/30/2016	1.112										
3 Yr Mean	1.097	1.040	1.009	1.005	1.005	1.005	1.004	1.008	1.006	1.001	1.001
Best 3/5	1.088	1.034	1.009	1.005	1.007	1.006	1.006	1.005	1.005	1.001	1.001

A.Y.E.	159:147	171:159	183:171	195:183	207:195	219:207	231:219	243:231			
6/30/1998	1.001	1.001	1.000	1.000	1.000	1.000	0.998	1.002			
6/30/1999	1.002	0.998	1.001	1.000	0.999	1.001	1.002	1.000 *			
6/30/2000	0.995	1.000	1.000	1.001	1.000	1.002	1.000 *	1.000 *			
6/30/2001	0.999	1.002	0.999	1.001	1.001	1.000 *	1.000 *	1.000 *			
6/30/2002	1.001	1.003	1.004	1.001	1.001 *	1.000 *	1.000 *	1.000 *			
6/30/2003	1.001	1.002	1.000								
6/30/2004	1.001	1.004									
6/30/2005	1.003										
3 Yr Mean	1.002	1.003	1.001	1.001	1.000 @	1.001 @	1.000 @	1.002 @			
Best 3/5	1.001	1.002	1.000	1.001	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
6/30/2013					1.007	1.006	1.006	1.005	1.005	1.001	1.001
6/30/2014				1.005	1.007	1.006	1.006	1.005	1.005	1.001	1.001
6/30/2015			1.009	1.005	1.007	1.006	1.006	1.005	1.005	1.001	1.001
6/30/2016		1.034	1.009	1.005	1.007	1.006	1.006	1.005	1.005	1.001	1.001
6/30/2017	1.088	1.034	1.009	1.005	1.007	1.006	1.006	1.005	1.005	1.001	1.001

A.Y.E.	147/159	159/171	171/183	183/195	195/207	207/219	219/231	231/243	243/211	FACTORS
6/30/2013	1.001	1.002	1.000	1.001	1.000	1.000	1.000	1.000	1.000*	1.036
6/30/2014	1.001	1.002	1.000	1.001	1.000	1.000	1.000	1.000	1.000*	1.041
6/30/2015	1.001	1.002	1.000	1.001	1.000	1.000	1.000	1.000	1.000*	1.050
6/30/2016	1.001	1.002	1.000	1.001	1.000	1.000	1.000	1.000	1.000*	1.086
6/30/2017	1.001	1.002	1.000	1.001	1.000	1.000	1.000	1.000	1.000*	1.181

* Calculated Using Modified Bondy Method

@ Three year mean Excludes Modified Bondy ratios

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

\$100,000 Basic Limit Losses as of:

<u>A.Y.E.</u>	<u>15 Months</u>	<u>27 Months</u>	<u>39 Months</u>	<u>51 Months</u>	<u>63 Months</u>	<u>75 Months</u>	<u>87 Months</u>	<u>99 Months</u>	<u>111 Months</u>	<u>123 Months</u>	<u>135 Months</u>
6/30/1998	21,040,176	24,382,592	24,995,600	26,679,639	27,420,041	27,883,328	28,198,947	28,444,648	28,314,914	28,721,598	28,494,325
6/30/1999	18,242,395	20,875,398	22,614,091	24,358,169	26,385,747	26,857,501	26,956,335	27,200,893	27,294,006	27,381,145	27,360,907
6/30/2000	18,529,705	23,278,039	26,185,932	28,319,677	29,059,643	28,980,802	29,221,440	29,024,650	29,138,873	29,463,691	29,731,285
6/30/2001	21,692,804	27,031,178	29,553,044	31,139,024	31,816,506	32,256,894	32,548,639	33,269,860	33,914,436	33,911,840	33,641,183
6/30/2002	19,755,806	24,286,206	24,662,678	24,782,824	25,101,023	26,416,701	26,469,784	27,122,355	27,113,667	27,179,224	27,176,371
6/30/2003	20,590,916	22,401,453	22,598,535	23,166,428	24,320,908	24,201,785	24,691,698	24,907,899	25,101,997	25,306,871	25,337,210
6/30/2004	21,001,069	23,820,264	25,972,686	26,196,592	26,358,544	26,929,541	27,161,200	27,313,292	27,397,275	27,474,660	27,652,783
6/30/2005	22,361,630	25,223,418	26,978,817	27,542,932	27,835,369	27,615,533	27,886,798	28,041,050	28,550,931	28,742,096	28,833,273
6/30/2006	22,346,303	25,752,115	26,694,769	27,127,177	26,924,371	27,318,148	27,673,513	27,907,504	28,005,817	28,408,788	28,372,718
6/30/2007	25,908,881	27,607,426	28,698,815	28,739,602	28,747,995	28,572,948	29,142,784	28,983,663	29,026,828	29,148,146	29,198,057
6/30/2008	26,987,043	30,363,527	31,624,185	32,316,163	31,832,983	32,644,677	32,682,617	32,467,890	32,912,358	33,071,283	
6/30/2009	28,205,653	28,727,612	29,939,195	30,425,612	30,264,026	30,201,146	29,933,183	30,308,947	30,560,871		
6/30/2010	22,929,897	24,439,167	25,096,781	25,614,884	25,543,378	25,754,642	26,473,933	26,439,631			
6/30/2011	24,134,060	25,285,989	26,286,138	26,192,088	26,234,917	26,530,284	26,524,417				
6/30/2012	23,437,162	25,898,506	27,193,519	27,386,678	27,312,573	27,648,223					
6/30/2013	22,276,522	24,689,782	26,142,045	26,123,764	25,712,787						
6/30/2014	24,794,684	26,628,402	27,390,502	27,624,870							
6/30/2015	26,785,256	29,551,886	30,834,363								
6/30/2016	27,209,023	28,868,741									
6/30/2017	24,764,545										
<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>		
6/30/1998	28,601,938	28,714,960	28,657,780	28,753,546	28,749,947	28,749,947	28,749,947	28,713,763	28,713,763		
6/30/1999	27,387,400	27,454,857	27,396,526	27,392,378	27,394,378	27,392,378	27,380,003	27,396,670			
6/30/2000	29,674,067	29,489,183	29,488,780	29,443,780	29,446,111	29,294,088	29,310,655				
6/30/2001	33,818,646	33,991,805	34,101,073	34,109,665	34,009,478	34,058,545					
6/30/2002	27,360,428	27,401,957	27,240,041	27,106,124	27,116,288						
6/30/2003	25,405,807	25,346,749	25,300,702	25,387,518							
6/30/2004	27,723,111	27,690,028	27,726,743								
6/30/2005	28,767,937	28,966,816									
6/30/2006	28,619,696										

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

INCURRED ACCIDENT YEAR BASIC LIMITS LOSS DEVELOPMENT EXCLUDING ALAE

Link Ratios

A.Y.E.	27: 15	39: 27	51: 39	63: 51	75: 63	87: 75	99: 87	111: 99	123:111	135:123	147:135
6/30/1998	1.159	1.025	1.067	1.028	1.017	1.011	1.009	0.995	1.014	0.992	1.004
6/30/1999	1.144	1.083	1.077	1.083	1.018	1.004	1.009	1.003	1.003	0.999	1.001
6/30/2000	1.256	1.125	1.081	1.026	0.997	1.008	0.993	1.004	1.011	1.009	0.998
6/30/2001	1.246	1.093	1.054	1.022	1.014	1.009	1.022	1.019	1.000	0.992	1.005
6/30/2002	1.229	1.016	1.005	1.013	1.052	1.002	1.025	1.000	1.002	1.000	1.007
6/30/2003	1.088	1.009	1.025	1.050	0.995	1.020	1.009	1.008	1.008	1.001	1.003
6/30/2004	1.134	1.090	1.009	1.006	1.022	1.009	1.006	1.003	1.003	1.006	1.003
6/30/2005	1.128	1.070	1.021	1.011	0.992	1.010	1.006	1.018	1.007	1.003	0.998
6/30/2006	1.152	1.037	1.016	0.993	1.015	1.013	1.008	1.004	1.014	0.999	1.009
6/30/2007	1.066	1.040	1.001	1.000	0.994	1.020	0.995	1.001	1.004	1.002	
6/30/2008	1.125	1.042	1.022	0.985	1.025	1.001	0.993	1.014	1.005		
6/30/2009	1.019	1.042	1.016	0.995	0.998	0.991	1.013	1.008			
6/30/2010	1.066	1.027	1.021	0.997	1.008	1.028	0.999				
6/30/2011	1.048	1.040	0.996	1.002	1.011	1.000					
6/30/2012	1.105	1.050	1.007	0.997	1.012						
6/30/2013	1.108	1.059	0.999	0.984							
6/30/2014	1.074	1.029	1.009								
6/30/2015	1.103	1.043									
6/30/2016	1.061										
3 Yr Mean	1.079	1.044	1.005	0.994	1.010	1.006	1.002	1.008	1.008	1.001	1.003
Best 3/5	1.094	1.044	1.005	0.996	1.010	1.007	1.001	1.009	1.005	1.002	1.004

A.Y.E.	159:147	171:159	183:171	195:183	207:195	219:207	231:219	243:231			
6/30/1998	1.004	0.998	1.003	1.000	1.000	1.000	0.999	1.000			
6/30/1999	1.002	0.998	1.000	1.000	1.000	1.000	1.001	1.000 *			
6/30/2000	0.994	1.000	0.998	1.000	0.995	1.001	1.000 *	1.000 *			
6/30/2001	1.005	1.003	1.000	0.997	1.001	1.000 *	1.000 *	1.000 *			
6/30/2002	1.002	0.994	0.995	1.000	1.000 *	1.000 *	1.000 *	1.000 *			
6/30/2003	0.998	0.998	1.003								
6/30/2004	0.999	1.001									
6/30/2005	1.007										
3 Yr Mean	1.001	0.998	0.999	0.999	0.999 @	1.000 @	1.000 @	1.000 @			
Best 3/5	1.002	1.000	0.999	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
6/30/2013					1.010	1.007	1.001	1.009	1.005	1.002	1.004
6/30/2014				0.996	1.010	1.007	1.001	1.009	1.005	1.002	1.004
6/30/2015			1.005	0.996	1.010	1.007	1.001	1.009	1.005	1.002	1.004
6/30/2016		1.044	1.005	0.996	1.010	1.007	1.001	1.009	1.005	1.002	1.004
6/30/2017	1.094	1.044	1.005	0.996	1.010	1.007	1.001	1.009	1.005	1.002	1.004

A.Y.E.	147/159	159/171	171/183	183/195	195/207	207/219	219/231	231/243	243/211	FACTORS
6/30/2013	1.002	1.000	0.999	1.000	1.000	1.000	1.000	1.000	1.000*	1.040
6/30/2014	1.002	1.000	0.999	1.000	1.000	1.000	1.000	1.000	1.000*	1.035
6/30/2015	1.002	1.000	0.999	1.000	1.000	1.000	1.000	1.000	1.000*	1.041
6/30/2016	1.002	1.000	0.999	1.000	1.000	1.000	1.000	1.000	1.000*	1.086
6/30/2017	1.002	1.000	0.999	1.000	1.000	1.000	1.000	1.000	1.000*	1.189

* 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>
6/30/1998	6,965,882	12,267,775	20,879,606	28,993,156	32,897,850	39,220,804	45,935,642	55,023,386	54,522,450	54,230,465	54,758,318
6/30/1999	8,051,883	14,812,899	22,072,338	27,724,291	32,121,009	35,431,703	37,377,606	41,629,768	44,466,726	48,027,556	48,990,446
6/30/2000	9,521,930	17,395,125	22,918,949	30,972,194	37,135,739	43,268,515	46,950,399	50,274,808	53,545,122	54,978,251	54,827,825
6/30/2001	10,670,710	16,112,822	25,652,264	36,911,086	47,921,605	53,918,371	59,418,090	62,828,506	64,720,878	65,810,341	67,923,258
6/30/2002	7,782,033	15,681,527	22,682,927	30,394,678	37,293,488	42,353,470	44,989,715	46,502,614	48,243,526	48,682,289	49,461,319
6/30/2003	8,228,940	15,279,100	23,536,314	31,076,487	36,590,319	37,940,431	42,204,500	42,960,633	44,262,827	45,566,654	46,645,350
6/30/2004	6,920,523	14,301,925	22,895,038	30,985,197	35,717,956	38,936,601	40,097,949	41,715,941	43,069,217	43,693,608	44,241,378
6/30/2005	8,337,415	13,371,685	19,750,952	26,435,113	31,350,825	34,128,559	37,290,418	38,792,401	40,221,100	40,999,663	41,578,572
6/30/2006	8,055,264	15,259,706	23,865,830	30,547,802	36,879,783	41,567,520	43,836,499	46,155,132	47,793,075	49,154,885	50,492,895
6/30/2007	7,680,538	14,388,741	22,200,113	29,357,047	36,045,911	40,036,430	42,383,127	43,724,838	45,799,865	46,946,546	47,810,832
6/30/2008	9,400,658	18,268,541	27,534,894	34,489,697	41,456,844	43,352,494	45,648,497	49,876,743	52,359,867	54,799,344	
6/30/2009	8,727,512	16,404,627	24,558,766	32,468,534	38,108,520	41,112,809	42,937,180	44,406,618	45,854,141		
6/30/2010	9,763,719	19,845,570	26,543,715	34,679,544	39,520,079	41,736,020	45,132,756	46,344,352			
6/30/2011	9,739,623	17,266,139	26,768,767	33,233,183	37,133,049	40,256,981	42,129,105				
6/30/2012	10,820,288	18,785,777	26,784,781	30,541,393	35,124,317	38,157,342					
6/30/2013	10,484,818	20,935,358	32,754,852	43,345,596	50,998,205						
6/30/2014	9,876,012	20,177,698	29,524,304	36,549,198							
6/30/2015	8,200,212	16,501,762	25,515,472								
6/30/2016	10,627,180	21,513,646									
6/30/2017	10,462,309										

<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>
6/30/1998	54,995,637	55,100,168	55,549,048	55,327,897	55,420,839	55,382,031	55,384,333	55,422,139	55,470,605
6/30/1999	49,015,149	49,488,581	49,422,958	49,537,158	49,699,378	49,847,343	49,919,220	49,799,251	
6/30/2000	56,440,330	56,331,723	55,912,624	55,922,830	55,966,277	55,973,618	56,053,352		
6/30/2001	69,536,419	69,396,606	69,095,115	69,133,190	69,279,960	69,464,653			
6/30/2002	50,240,615	50,490,807	51,450,923	51,707,136	51,751,394				
6/30/2003	47,575,166	48,655,362	48,941,828	49,017,716					
6/30/2004	44,721,109	45,259,913	47,222,553						
6/30/2005	41,575,277	42,438,089							
6/30/2006	51,611,093								

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

	Increments												
A.Y.E.	27: 15	39: 27	51: 39	63: 51	75: 63	87: 75	99: 87	111: 99	123: 111	135: 123	147: 135	159:147	171:159
6/30/1998	5,301,893	8,611,831	8,113,550	3,904,694	6,322,954	6,714,838	9,087,744	-500,936	-291,985	527,853	237,319	104,531	448,880
6/30/1999	6,761,016	7,259,439	5,651,953	4,396,718	3,310,694	1,945,903	4,252,162	2,836,958	3,560,830	962,890	24,703	473,432	-65,623
6/30/2000	7,873,195	5,523,824	8,053,245	6,163,545	6,132,776	3,681,884	3,324,409	3,270,314	1,433,129	-150,426	1,612,505	-108,607	-419,099
6/30/2001	5,442,112	9,539,442	11,258,822	11,010,519	5,996,766	5,499,719	3,410,416	1,892,372	1,089,463	2,112,917	1,613,161	-139,813	-301,491
6/30/2002	7,899,494	7,001,400	7,711,751	6,898,810	5,059,982	2,636,245	1,512,899	1,740,912	438,763	779,030	779,296	250,192	960,116
6/30/2003	7,050,160	8,257,214	7,540,173	5,513,832	1,350,112	4,264,069	756,133	1,302,194	1,303,827	1,078,696	929,816	1,080,196	286,466
6/30/2004	7,381,402	8,593,113	8,090,159	4,732,759	3,218,645	1,161,348	1,617,992	1,353,276	624,391	547,770	479,731	538,804	1,962,640
6/30/2005	5,034,270	6,379,267	6,684,161	4,915,712	2,777,734	3,161,859	1,501,983	1,428,699	778,563	578,909	-3,295	862,812	
6/30/2006	7,204,442	8,606,124	6,681,972	6,331,981	4,687,737	2,268,979	2,318,633	1,637,943	1,361,810	1,338,010	1,118,198		
6/30/2007	6,708,203	7,811,372	7,156,934	6,688,864	3,990,519	2,346,697	1,341,711	2,075,027	1,146,681	864,286			
6/30/2008	8,867,883	9,266,353	6,954,803	6,967,147	1,895,650	2,296,003	4,228,246	2,483,124	2,439,477				
6/30/2009	7,677,115	8,154,139	7,909,768	5,639,986	3,004,289	1,824,371	1,469,438	1,447,523					
6/30/2010	10,081,851	6,698,145	8,135,829	4,840,535	2,215,941	3,396,736	1,211,596						
6/30/2011	7,526,516	9,502,628	6,464,416	3,899,866	3,123,932	1,872,124							
6/30/2012	7,965,489	7,999,004	3,756,612	4,582,924	3,033,025								
6/30/2013	10,450,540	11,819,494	10,590,744	7,652,609									
6/30/2014	10,301,686	9,346,606	7,024,894										
6/30/2015	8,301,550	9,013,710											
6/30/2016	10,886,466												

	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
6/30/1998	0.0347	0.0564	0.0532	0.0256	0.0414	0.0440	0.0596	-0.0033	-0.0019	0.0035	0.0016	0.0007	0.0029
6/30/1999	0.0411	0.0441	0.0343	0.0267	0.0201	0.0118	0.0258	0.0172	0.0216	0.0058	0.0002	0.0029	-0.0004
6/30/2000	0.0409	0.0287	0.0419	0.0321	0.0319	0.0191	0.0173	0.0170	0.0075	-0.0008	0.0084	-0.0006	-0.0022
6/30/2001	0.0278	0.0488	0.0576	0.0563	0.0307	0.0281	0.0174	0.0097	0.0056	0.0108	0.0082	-0.0007	-0.0015
6/30/2002	0.0475	0.0421	0.0464	0.0415	0.0304	0.0159	0.0091	0.0105	0.0026	0.0047	0.0047	0.0015	0.0058
6/30/2003	0.0481	0.0563	0.0514	0.0376	0.0092	0.0291	0.0052	0.0089	0.0089	0.0074	0.0063	0.0074	0.0020
6/30/2004	0.0465	0.0541	0.0509	0.0298	0.0203	0.0073	0.0102	0.0085	0.0039	0.0034	0.0030	0.0034	0.0124
6/30/2005	0.0324	0.0410	0.0430	0.0316	0.0179	0.0203	0.0097	0.0092	0.0050	0.0037	0.0000	0.0056	
6/30/2006	0.0438	0.0523	0.0406	0.0385	0.0285	0.0138	0.0141	0.0100	0.0083	0.0081	0.0068		
6/30/2007	0.0392	0.0456	0.0418	0.0391	0.0233	0.0137	0.0078	0.0121	0.0067	0.0050			
6/30/2008	0.0468	0.0489	0.0367	0.0367	0.0100	0.0121	0.0223	0.0131	0.0129				
6/30/2009	0.0403	0.0428	0.0415	0.0296	0.0158	0.0096	0.0077	0.0076					
6/30/2010	0.0555	0.0369	0.0448	0.0266	0.0122	0.0187	0.0067						
6/30/2011	0.0378	0.0477	0.0325	0.0196	0.0157	0.0094							
6/30/2012	0.0402	0.0403	0.0189	0.0231	0.0153								
6/30/2013	0.0535	0.0605	0.0542	0.0392									
6/30/2014	0.0537	0.0487	0.0366										
6/30/2015	0.0430	0.0466											
6/30/2016	0.0546												

Best 3/5	0.0500	0.0477	0.0380	0.0264	0.0144	0.0118	0.0099	0.0104	0.0067	0.0054	0.0047	0.0035	0.0021
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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>
6/30/1998	8,819,302	13,105,233	13,597,305	14,652,309	15,256,746	15,786,699	15,400,348	15,641,463	15,142,573	15,371,241	15,230,915
6/30/1999	8,527,033	12,023,330	13,487,437	14,562,814	14,409,546	14,775,381	14,775,242	15,402,696	15,323,290	15,283,428	15,275,664
6/30/2000	10,286,782	13,167,724	15,871,340	17,093,451	17,003,344	16,931,817	17,085,132	17,381,389	17,019,282	16,991,345	17,035,440
6/30/2001	10,281,846	14,431,282	16,801,827	17,227,165	17,629,004	17,880,882	18,443,341	18,636,508	18,180,752	17,918,248	18,123,366
6/30/2002	9,977,308	14,323,101	15,212,709	15,346,957	15,714,001	15,355,548	15,023,291	14,866,104	14,828,796	14,652,530	14,570,186
6/30/2003	9,919,311	11,108,577	12,502,424	13,819,029	12,984,246	13,075,083	12,192,911	12,338,683	12,431,732	12,213,689	12,240,705
6/30/2004	12,307,691	18,098,048	21,499,479	22,154,962	22,151,097	20,668,729	19,872,422	19,782,093	19,582,669	19,758,541	19,495,052
6/30/2005	13,200,204	16,286,939	18,137,100	18,625,177	17,754,558	17,298,997	17,175,596	17,160,674	17,153,619	17,035,753	17,033,563
6/30/2006	13,801,300	17,799,317	18,644,658	17,895,495	17,762,705	17,550,461	17,340,179	17,211,583	16,966,988	17,258,738	17,135,641
6/30/2007	13,366,038	15,234,678	16,915,874	17,102,960	16,135,528	16,000,211	15,649,898	15,756,717	15,485,503	15,461,845	15,556,211
6/30/2008	10,115,680	12,165,430	12,813,558	12,807,269	12,722,539	12,250,626	12,056,910	12,063,256	12,105,603	12,079,810	
6/30/2009	8,886,209	11,355,160	12,074,276	11,928,039	11,765,558	11,800,136	11,364,535	11,308,527	11,172,149		
6/30/2010	10,068,431	11,223,628	12,197,962	12,177,340	11,530,308	11,547,398	11,618,357	11,553,083			
6/30/2011	7,997,510	9,387,730	10,333,786	9,447,023	9,565,411	9,688,972	10,066,267				
6/30/2012	5,922,235	7,401,237	7,691,225	8,616,356	8,178,127	8,655,275					
6/30/2013	6,674,991	7,529,083	8,157,809	8,795,713	9,133,941						
6/30/2014	5,787,620	8,913,769	10,203,331	10,708,592							
6/30/2015	7,829,837	10,458,535	11,171,035								
6/30/2016	7,460,740	9,336,061									
6/30/2017	6,953,699										
<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>		
6/30/1998	15,193,179	15,455,562	15,382,147	15,293,507	15,295,743	15,287,854	15,260,802	15,243,374	15,232,909		
6/30/1999	15,261,263	15,255,974	15,190,925	15,192,024	15,219,831	15,244,184	15,163,132	15,150,718			
6/30/2000	17,049,139	17,047,428	17,035,412	17,078,996	17,060,555	17,058,739	17,051,909				
6/30/2001	17,940,603	17,896,657	18,139,593	18,024,593	18,124,593	18,104,584					
6/30/2002	14,691,215	14,640,104	14,679,573	14,680,648	14,667,894						
6/30/2003	11,992,442	11,992,442	12,092,442	12,100,442							
6/30/2004	19,583,696	19,601,348	19,583,696								
6/30/2005	16,933,563	16,872,583									
6/30/2006	17,032,246										

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
6/30/1998	1.486	1.038	1.078	1.041	1.035	0.976	1.016	0.968	1.015	0.991	0.998
6/30/1999	1.410	1.122	1.080	0.989	1.025	1.000	1.042	0.995	0.997	0.999	0.999
6/30/2000	1.280	1.205	1.077	0.995	0.996	1.009	1.017	0.979	0.998	1.003	1.001
6/30/2001	1.404	1.164	1.025	1.023	1.014	1.031	1.010	0.976	0.986	1.011	0.990
6/30/2002	1.436	1.062	1.009	1.024	0.977	0.978	0.990	0.997	0.988	0.994	1.008
6/30/2003	1.120	1.125	1.105	0.940	1.007	0.933	1.012	1.008	0.982	1.002	0.980
6/30/2004	1.470	1.188	1.030	1.000	0.933	0.961	0.995	0.990	1.009	0.987	1.005
6/30/2005	1.234	1.114	1.027	0.953	0.974	0.993	0.999	1.000	0.993	1.000	0.994
6/30/2006	1.290	1.047	0.960	0.993	0.988	0.988	0.993	0.986	1.017	0.993	0.994
6/30/2007	1.140	1.110	1.011	0.943	0.992	0.978	1.007	0.983	0.998	1.006	
6/30/2008	1.203	1.053	1.000	0.993	0.963	0.984	1.001	1.004	0.998		
6/30/2009	1.278	1.063	0.988	0.986	1.003	0.963	0.995	0.988			
6/30/2010	1.115	1.087	0.998	0.947	1.001	1.006	0.994				
6/30/2011	1.174	1.101	0.914	1.013	1.013	1.039					
6/30/2012	1.250	1.039	1.120	0.949	1.058						
6/30/2013	1.128	1.084	1.078	1.038							
6/30/2014	1.540	1.145	1.050								
6/30/2015	1.336	1.068									
6/30/2016	1.251										

3 Yr Mean	1.376	1.099	1.083	1.000	1.024	1.003	0.997	0.992	1.004	1.000	0.998
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Best 3/5	1.279	1.084	1.042	0.983	1.006	0.989	0.997	0.991	1.002	0.998	0.998
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A.Y.E.	159:147	171:159	183:171	195:183	207:195	219:207	231:219	243:231			
6/30/1998	1.017	0.995	0.994	1.000	0.999	0.998	0.999	0.999			
6/30/1999	1.000	0.996	1.000	1.002	1.002	0.995	0.999	0.999 *			
6/30/2000	1.000	0.999	1.003	0.999	1.000	1.000	0.999 *	0.999 *			
6/30/2001	0.998	1.014	0.994	1.006	0.999	1.000 *	0.999 *	0.999 *			
6/30/2002	0.997	1.003	1.000	0.999	1.000 *	1.000 *	0.999 *	0.999 *			
6/30/2003	1.000	1.008	1.001								
6/30/2004	1.001	0.999									
6/30/2005	0.996										

3 Yr Mean	0.999	1.003	0.998	1.001	1.000 @	0.998 @	0.999 @	0.999 @			
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Best 3/5	0.998	1.003	1.000	1.000	1.000 *	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
6/30/2013					1.006	0.989	0.997	0.991	1.002	0.998	0.998
6/30/2014				0.983	1.006	0.989	0.997	0.991	1.002	0.998	0.998
6/30/2015			1.042	0.983	1.006	0.989	0.997	0.991	1.002	0.998	0.998
6/30/2016		1.084	1.042	0.983	1.006	0.989	0.997	0.991	1.002	0.998	0.998
6/30/2017	1.279	1.084	1.042	0.983	1.006	0.989	0.997	0.991	1.002	0.998	0.998

A.Y.E.	147/159	159/171	171/183	183/195	195/207	207/219	219/231	231/243	243/211	FACTORS
6/30/2013	0.998	1.003	1.000	1.000	1.000	0.999	0.999	0.999	0.996*	0.975
6/30/2014	0.998	1.003	1.000	1.000	1.000	0.999	0.999	0.999	0.996*	0.959
6/30/2015	0.998	1.003	1.000	1.000	1.000	0.999	0.999	0.999	0.996*	0.999
6/30/2016	0.998	1.003	1.000	1.000	1.000	0.999	0.999	0.999	0.996*	1.083
6/30/2017	0.998	1.003	1.000	1.000	1.000	0.999	0.999	0.999	0.996*	1.385

* 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>
6/30/1998	2,550,534	6,384,024	13,180,160	20,072,048	24,657,295	26,553,460	26,750,971	26,965,296	27,314,349	28,284,525	28,890,458
6/30/1999	2,450,106	6,032,543	10,077,240	13,890,233	16,515,118	20,642,767	23,077,656	25,027,274	25,431,328	25,986,096	26,513,448
6/30/2000	2,649,145	5,427,214	8,581,130	11,525,889	12,538,745	13,890,849	14,621,199	15,256,396	16,983,418	17,981,264	18,406,709
6/30/2001	2,420,722	7,148,089	11,066,743	13,695,189	15,646,087	16,382,684	17,051,016	17,990,364	18,669,817	18,923,274	19,229,894
6/30/2002	1,619,470	6,408,451	9,487,606	10,628,435	12,037,641	13,285,545	13,438,468	13,751,174	13,875,171	14,020,043	14,081,475
6/30/2003	1,744,839	4,499,481	6,663,235	9,833,690	10,777,859	11,581,793	11,780,306	12,314,550	12,655,001	12,740,231	12,801,929
6/30/2004	1,726,080	4,980,310	9,461,837	14,890,471	22,131,480	25,387,848	21,526,669	21,492,392	22,430,856	22,396,908	23,782,208
6/30/2005	2,231,309	4,921,772	11,175,325	13,489,134	15,836,072	16,707,952	16,983,064	17,150,248	17,563,351	18,795,965	18,808,941
6/30/2006	1,365,914	4,880,050	10,410,745	15,468,357	17,501,391	18,843,587	19,294,634	19,335,553	19,707,150	19,537,482	19,760,053
6/30/2007	2,225,254	4,551,741	7,315,841	9,345,887	10,961,426	12,747,758	13,571,808	14,321,926	14,430,431	14,467,326	14,438,517
6/30/2008	1,758,035	5,252,835	10,787,192	12,327,017	13,762,146	14,910,482	15,299,078	16,050,957	16,322,318	16,385,235	
6/30/2009	1,275,094	3,377,363	7,857,969	12,778,317	14,001,712	15,511,573	16,711,595	16,998,647	17,919,484		
6/30/2010	1,911,747	5,758,341	9,892,850	12,301,539	14,506,667	14,818,793	15,285,785	15,393,640			
6/30/2011	1,144,609	3,376,205	10,088,744	14,713,591	17,717,067	19,660,301	21,938,938				
6/30/2012	1,140,492	4,255,252	8,315,428	12,700,754	13,015,894	14,325,811					
6/30/2013	2,256,308	4,666,520	7,566,201	9,860,182	11,219,992						
6/30/2014	2,210,240	5,853,386	12,995,855	14,869,618							
6/30/2015	2,780,360	5,227,158	8,691,219								
6/30/2016	1,418,585	4,918,439									
6/30/2017	1,161,581										

<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>
6/30/1998	29,028,772	29,019,747	28,732,389	28,735,520	28,735,520	28,735,520	28,735,520	28,735,520	28,737,225
6/30/1999	26,841,485	26,888,876	26,876,113	26,876,113	26,876,113	26,876,113	26,876,113	26,876,113	
6/30/2000	18,617,713	18,634,420	18,644,294	18,645,708	18,666,338	18,668,578	18,653,813		
6/30/2001	19,448,107	19,678,454	20,986,747	19,945,458	20,846,448	20,760,907			
6/30/2002	14,136,928	14,189,712	14,333,456	14,389,753	14,398,465				
6/30/2003	12,943,698	12,936,309	12,936,309						
6/30/2004	23,524,395	23,617,848	24,210,627						
6/30/2005	18,873,243	18,887,511							
6/30/2006	19,824,449								

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

A.Y.E.	Increments												
	<u>27: 15</u>	<u>39: 27</u>	<u>51: 39</u>	<u>63: 51</u>	<u>75: 63</u>	<u>87: 75</u>	<u>99: 87</u>	<u>111: 99</u>	<u>123: 111</u>	<u>135: 123</u>	<u>147: 135</u>	<u>159:147</u>	<u>171:159</u>
6/30/1998	3,833,490	6,796,136	6,891,888	4,585,247	1,896,165	197,511	214,325	349,053	970,176	605,933	138,314	-9,025	-287,358
6/30/1999	3,582,437	4,044,697	3,812,993	2,624,885	4,127,649	2,434,889	1,949,618	404,054	554,768	527,352	328,037	47,391	-12,763
6/30/2000	2,778,069	3,153,916	2,944,759	1,012,856	1,352,104	730,350	635,197	1,727,022	997,846	425,445	211,004	16,707	9,874
6/30/2001	4,727,367	3,918,654	2,628,446	1,950,898	736,597	668,332	939,348	679,453	253,457	306,620	218,213	230,347	1,308,293
6/30/2002	4,788,981	3,079,155	1,140,829	1,409,206	1,247,904	152,923	312,706	123,997	144,872	61,432	55,453	52,784	143,744
6/30/2003	2,754,642	2,163,754	3,170,455	944,169	803,934	198,513	534,244	340,451	85,230	61,698	141,769	-7,389	0
6/30/2004	3,254,230	4,481,527	5,428,634	7,241,009	3,256,368	-3,861,179	-34,277	938,464	-33,948	1,385,300	-257,813	93,453	592,779
6/30/2005	2,690,463	6,253,553	2,313,809	2,346,938	871,880	275,112	167,184	413,103	1,232,614	12,976	64,302	14,268	
6/30/2006	3,514,136	5,530,695	5,057,612	2,033,034	1,342,196	451,047	40,919	371,597	-169,668	222,571	64,396		
6/30/2007	2,326,487	2,764,100	2,030,046	1,615,539	1,786,332	824,050	750,118	108,505	36,895	-28,809			
6/30/2008	3,494,800	5,534,357	1,539,825	1,435,129	1,148,336	388,596	751,879	271,361	62,917				
6/30/2009	2,102,269	4,480,606	4,920,348	1,223,395	1,509,861	1,200,022	287,052	920,837					
6/30/2010	3,846,594	4,134,509	2,408,689	2,205,128	312,126	466,992	107,855						
6/30/2011	2,231,596	6,712,539	4,624,847	3,003,476	1,943,234	2,278,637							
6/30/2012	3,114,760	4,060,176	4,385,326	315,140	1,309,917								
6/30/2013	2,410,212	2,899,681	2,293,981	1,359,810									
6/30/2014	3,643,146	7,142,469	1,873,763										
6/30/2015	2,446,798	3,464,061											
6/30/2016	3,499,854												

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
6/30/1998	0.1472	0.2610	0.2647	0.1761	0.0728	0.0076	0.0082	0.0134	0.0373	0.0233	0.0053	-0.0003	-0.0110
6/30/1999	0.1474	0.1665	0.1569	0.1080	0.1699	0.1002	0.0802	0.0166	0.0228	0.0217	0.0135	0.0020	-0.0005
6/30/2000	0.1001	0.1136	0.1061	0.0365	0.0487	0.0263	0.0229	0.0622	0.0360	0.0153	0.0076	0.0006	0.0004
6/30/2001	0.1647	0.1365	0.0916	0.0680	0.0257	0.0233	0.0327	0.0237	0.0088	0.0107	0.0076	0.0080	0.0456
6/30/2002	0.2084	0.1340	0.0496	0.0613	0.0543	0.0067	0.0136	0.0054	0.0063	0.0027	0.0024	0.0023	0.0063
6/30/2003	0.1415	0.1112	0.1629	0.0485	0.0413	0.0102	0.0274	0.0175	0.0044	0.0032	0.0073	-0.0004	0.0000
6/30/2004	0.1119	0.1541	0.1867	0.2490	0.1120	-0.1328	-0.0012	0.0323	-0.0012	0.0476	-0.0089	0.0032	0.0204
6/30/2005	0.1030	0.2393	0.0885	0.0898	0.0334	0.0105	0.0064	0.0158	0.0472	0.0005	0.0025	0.0005	
6/30/2006	0.1201	0.1890	0.1729	0.0695	0.0459	0.0154	0.0014	0.0127	-0.0058	0.0076	0.0022		
6/30/2007	0.0917	0.1090	0.0800	0.0637	0.0704	0.0325	0.0296	0.0043	0.0015	-0.0011			
6/30/2008	0.1852	0.2932	0.0816	0.0760	0.0608	0.0206	0.0398	0.0144	0.0033				
6/30/2009	0.1178	0.2511	0.2758	0.0686	0.0846	0.0673	0.0161	0.0516					
6/30/2010	0.2239	0.2407	0.1402	0.1284	0.0182	0.0272	0.0063						
6/30/2011	0.1394	0.4193	0.2889	0.1876	0.1214	0.1423							
6/30/2012	0.2138	0.2787	0.3011	0.0216	0.0899								
6/30/2013	0.1737	0.2090	0.1654	0.0980									
6/30/2014	0.2300	0.4510	0.1183										
6/30/2015	0.1157	0.1638											
6/30/2016	0.2029												

Best 3/5	0.1968	0.3023	0.1982	0.0983	0.0785	0.0423	0.0173	0.0143	0.0012	0.0038	0.0024	0.0020	0.0090
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PREMISES/OPERATIONS (Subline Code 334)
OWNERS, LANDLORDS AND TENANTS
FULL COVERAGE
MULTISTATE
BODILY INJURY - OCCURRENCE
INCURRED ACCIDENT YEAR BASIC LIMITS LOSS DEVELOPMENT EXCLUDING ALAE

\$100,000 Basic Limit Losses as of:

<u>A.Y.E.</u>	<u>15 Months</u>	<u>27 Months</u>	<u>39 Months</u>	<u>51 Months</u>	<u>63 Months</u>	<u>75 Months</u>	<u>87 Months</u>	<u>99 Months</u>	<u>111 Months</u>	<u>123 Months</u>	<u>135 Months</u>
6/30/1998	255,258,828	332,945,187	373,149,532	390,194,345	382,713,486	379,490,547	378,552,707	376,426,408	375,221,738	374,682,132	374,649,736
6/30/1999	270,245,348	356,159,736	415,955,615	424,178,882	419,114,487	417,024,456	413,388,185	409,831,807	410,113,187	409,901,069	409,784,917
6/30/2000	265,616,171	364,916,083	411,804,245	419,194,377	419,341,136	414,707,901	408,628,005	406,158,097	405,661,368	405,818,448	405,584,978
6/30/2001	263,078,317	343,288,606	382,980,591	400,811,231	400,167,841	392,448,026	390,032,739	387,773,727	386,995,559	385,961,888	385,743,907
6/30/2002	239,417,082	297,540,665	351,833,222	363,352,525	359,036,255	354,542,713	351,294,325	350,742,054	350,317,768	349,729,294	350,233,514
6/30/2003	242,891,349	326,472,313	385,984,476	391,957,868	382,607,529	375,878,638	373,405,222	370,757,033	369,407,045	369,148,146	369,083,227
6/30/2004	270,060,001	360,429,459	389,871,386	395,524,367	390,345,900	386,132,417	383,455,024	381,956,765	381,621,665	381,089,504	380,852,277
6/30/2005	281,629,788	331,563,164	375,884,789	380,476,400	380,409,284	374,476,814	372,240,130	371,064,459	369,582,890	370,112,227	370,272,285
6/30/2006	262,161,502	344,690,012	383,774,872	394,975,893	389,581,560	382,157,702	378,638,614	377,454,243	376,943,199	376,820,315	376,470,201
6/30/2007	294,527,883	376,256,739	416,907,370	421,982,157	413,970,777	407,557,176	404,581,980	402,852,853	401,655,190	401,739,646	401,620,018
6/30/2008	313,258,173	391,364,808	437,142,926	441,038,578	432,978,474	426,491,042	424,324,748	422,726,442	422,574,516	421,908,071	
6/30/2009	326,900,899	417,149,328	459,976,966	458,086,627	450,136,763	447,149,258	443,469,363	441,153,766	440,178,389		
6/30/2010	350,750,664	441,711,616	491,697,563	494,061,347	487,270,756	481,856,062	478,619,228	476,962,858			
6/30/2011	378,877,282	477,618,912	530,132,896	537,873,027	529,515,709	523,920,638	519,961,158				
6/30/2012	323,005,411	411,344,414	459,425,182	459,465,355	456,428,195	452,444,146					
6/30/2013	325,489,206	413,522,776	448,778,492	455,676,422	456,758,269						
6/30/2014	354,298,934	448,794,677	506,703,900	536,136,800							
6/30/2015	316,772,017	425,480,411	503,591,152								
6/30/2016	298,372,680	415,003,585									
6/30/2017	323,270,427										

<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>
6/30/1998	374,791,274	374,309,531	374,477,288	374,575,187	374,780,343	374,803,557	374,851,506	375,015,231	375,070,025
6/30/1999	410,424,647	410,675,134	412,203,725	412,825,727	412,649,039	411,040,285	410,806,975	410,780,177	
6/30/2000	405,889,794	405,800,188	405,590,308	405,966,661	405,580,208	405,512,659	405,553,845		
6/30/2001	386,026,724	386,144,842	386,634,195	386,983,685	387,191,158	387,017,735			
6/30/2002	349,800,645	350,098,063	350,550,135	350,100,886	350,295,457				
6/30/2003	369,119,317	369,211,802	369,341,910	369,309,644					
6/30/2004	381,153,696	381,096,936	381,115,378						
6/30/2005	370,147,090	370,362,040							
6/30/2006	376,221,751								

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
6/30/1998	1.304	1.121	1.046	0.981	0.992	0.998	0.994	0.997	0.999	1.000	1.000
6/30/1999	1.318	1.168	1.020	0.988	0.995	0.991	0.991	1.001	0.999	1.000	1.002
6/30/2000	1.374	1.128	1.018	1.000	0.989	0.985	0.994	0.999	1.000	0.999	1.001
6/30/2001	1.305	1.116	1.047	0.998	0.981	0.994	0.994	0.998	0.997	0.999	1.001
6/30/2002	1.243	1.182	1.033	0.988	0.987	0.991	0.998	0.999	0.998	1.001	0.999
6/30/2003	1.344	1.182	1.015	0.976	0.982	0.993	0.993	0.996	0.999	1.000	1.000
6/30/2004	1.335	1.082	1.014	0.987	0.989	0.993	0.996	0.999	0.999	0.999	1.001
6/30/2005	1.177	1.134	1.012	1.000	0.984	0.994	0.997	0.996	1.001	1.000	1.000
6/30/2006	1.315	1.113	1.029	0.986	0.981	0.991	0.997	0.999	1.000	0.999	0.999
6/30/2007	1.277	1.108	1.012	0.981	0.985	0.993	0.996	0.997	1.000	1.000	
6/30/2008	1.249	1.117	1.009	0.982	0.985	0.995	0.996	1.000	0.998		
6/30/2009	1.276	1.103	0.996	0.983	0.993	0.992	0.995	0.998			
6/30/2010	1.259	1.113	1.005	0.986	0.989	0.993	0.997				
6/30/2011	1.261	1.110	1.015	0.984	0.989	0.992					
6/30/2012	1.273	1.117	1.000	0.993	0.991						
6/30/2013	1.270	1.085	1.015	1.002							
6/30/2014	1.267	1.129	1.058								
6/30/2015	1.343	1.184									
6/30/2016	1.391										

3 Yr Mean	1.334	1.133	1.024	0.993	0.990	0.992	0.996	0.998	0.999	1.000	1.000
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Best 3/5	1.295	1.119	1.012	0.988	0.990	0.993	0.996	0.998	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			
6/30/1998	0.999	1.000	1.000	1.001	1.000	1.000	1.000	1.000			
6/30/1999	1.001	1.004	1.002	1.000	0.996	0.999	1.000	1.000 *			
6/30/2000	1.000	0.999	1.001	0.999	1.000	1.000	1.000 *	1.000 *			
6/30/2001	1.000	1.001	1.001	1.001	1.000	1.000 *	1.000 *	1.000 *			
6/30/2002	1.001	1.001	0.999	1.001	1.001 *	1.000 *	1.000 *	1.000 *			
6/30/2003	1.000	1.000	1.000								
6/30/2004	1.000	1.000									
6/30/2005	1.001										

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

A.Y.E.	15/ 27	27/ 39	39/ 51	51/ 63	63/ 75	75/ 87	87/ 99	99/111	111/123	123/135	135/147
6/30/2013					0.990	0.993	0.996	0.998	1.000	1.000	1.000
6/30/2014				0.988	0.990	0.993	0.996	0.998	1.000	1.000	1.000
6/30/2015			1.012	0.988	0.990	0.993	0.996	0.998	1.000	1.000	1.000
6/30/2016		1.119	1.012	0.988	0.990	0.993	0.996	0.998	1.000	1.000	1.000
6/30/2017	1.295	1.119	1.012	0.988	0.990	0.993	0.996	0.998	1.000	1.000	1.000

A.Y.E.	147/159	159/171	171/183	183/195	195/207	207/219	219/231	231/243	243/211	FACTORS
6/30/2013	1.000	1.000	1.001	1.001	1.000	1.000	1.000	1.000	1.000*	0.979
6/30/2014	1.000	1.000	1.001	1.001	1.000	1.000	1.000	1.000	1.000*	0.967
6/30/2015	1.000	1.000	1.001	1.001	1.000	1.000	1.000	1.000	1.000*	0.979
6/30/2016	1.000	1.000	1.001	1.001	1.000	1.000	1.000	1.000	1.000*	1.095
6/30/2017	1.000	1.000	1.001	1.001	1.000	1.000	1.000	1.000	1.000*	1.419

* 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:

<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>
6/30/1998	11,030,838	14,545,883	14,737,056	15,569,105	15,873,763	15,900,937	15,808,546	15,762,190	15,575,503	15,379,626	15,382,839
6/30/1999	10,186,268	13,053,222	15,479,728	16,780,068	16,756,993	16,250,354	16,316,471	16,940,751	16,411,329	16,570,626	16,508,127
6/30/2000	10,082,049	15,447,756	18,155,146	17,243,534	16,295,258	16,604,041	16,643,837	16,218,770	16,173,324	16,158,323	16,139,573
6/30/2001	13,030,136	19,385,187	22,612,105	22,681,433	22,184,019	22,888,260	22,767,088	22,597,924	22,613,865	22,533,458	22,633,457
6/30/2002	12,498,270	17,904,343	18,137,832	18,244,366	19,034,624	18,611,611	18,804,499	18,533,744	18,700,269	18,610,056	18,610,055
6/30/2003	16,060,884	17,273,399	19,955,149	21,176,185	21,564,951	21,098,728	20,826,619	20,624,539	20,549,696	20,577,737	20,693,458
6/30/2004	17,927,417	25,459,785	23,941,951	26,082,005	24,680,280	23,894,136	23,161,871	23,049,124	22,983,398	23,144,932	23,176,805
6/30/2005	14,655,122	23,902,356	24,261,620	22,304,054	20,637,204	19,891,659	19,478,472	19,297,538	19,292,538	19,176,564	19,176,561
6/30/2006	14,700,810	18,609,667	20,687,084	19,930,233	19,784,857	19,623,420	19,791,111	19,805,221	19,872,619	19,870,503	19,940,503
6/30/2007	14,204,918	18,563,619	21,103,669	21,510,770	20,816,358	20,242,365	19,865,677	19,972,969	19,962,765	19,963,514	19,918,514
6/30/2008	16,120,363	18,906,928	21,076,625	21,531,735	21,055,188	20,443,003	20,395,253	20,217,363	20,069,028	20,058,842	
6/30/2009	15,727,578	18,834,991	19,463,960	20,521,478	19,571,604	19,322,806	19,355,379	19,224,108	19,259,330		
6/30/2010	12,592,938	13,636,761	15,970,223	16,598,834	17,229,196	16,851,776	16,807,996	16,661,292			
6/30/2011	11,654,115	15,872,519	17,973,948	18,591,773	18,258,171	18,034,423	17,731,755				
6/30/2012	12,120,325	15,699,664	17,424,393	17,309,523	17,523,360	17,228,823					
6/30/2013	12,178,112	15,346,449	16,836,090	17,274,461	17,385,350						
6/30/2014	14,497,177	17,580,759	19,955,928	20,785,824							
6/30/2015	15,795,902	21,209,724	24,248,201								
6/30/2016	17,463,597	21,850,009									
6/30/2017	15,583,789										
<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>		
6/30/1998	15,332,813	15,339,171	15,343,870	15,328,872	15,429,028	15,428,872	15,428,872	15,428,872	15,428,872		
6/30/1999	16,469,529	16,469,528	16,469,528	16,567,528	16,567,528	16,567,528	16,567,528	16,576,138			
6/30/2000	16,139,573	16,139,823	16,339,823	16,339,823	16,334,823	16,334,823	16,435,823				
6/30/2001	22,613,708	22,618,708	22,618,707	22,518,707	22,518,707	22,618,707					
6/30/2002	18,660,054	18,815,553	18,802,014	19,027,553	19,072,216						
6/30/2003	20,619,509	20,613,141	20,606,448								
6/30/2004	23,152,995	23,175,496	23,225,495								
6/30/2005	19,181,561	19,176,561									
6/30/2006	19,840,503										

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
6/30/1998	1.319	1.013	1.056	1.020	1.002	0.994	0.997	0.988	0.987	1.000	0.997
6/30/1999	1.281	1.186	1.084	0.999	0.970	1.004	1.038	0.969	1.010	0.996	0.998
6/30/2000	1.532	1.175	0.950	0.945	1.019	1.002	0.974	0.997	0.999	0.999	1.000
6/30/2001	1.488	1.166	1.003	0.978	1.032	0.995	0.993	1.001	0.996	1.004	0.999
6/30/2002	1.433	1.013	1.006	1.043	0.978	1.010	0.986	1.009	0.995	1.000	1.003
6/30/2003	1.075	1.155	1.061	1.018	0.978	0.987	0.990	0.996	1.001	1.006	0.996
6/30/2004	1.420	0.940	1.089	0.946	0.968	0.969	0.995	0.997	1.007	1.001	0.999
6/30/2005	1.631	1.015	0.919	0.925	0.964	0.979	0.991	1.000	0.994	1.000	1.000
6/30/2006	1.266	1.112	0.963	0.993	0.992	1.009	1.001	1.003	1.000	1.004	0.995
6/30/2007	1.307	1.137	1.019	0.968	0.972	0.981	1.005	0.999	1.000	0.998	
6/30/2008	1.173	1.115	1.022	0.978	0.971	0.998	0.991	0.993	0.999		
6/30/2009	1.198	1.033	1.054	0.954	0.987	1.002	0.993	1.002			
6/30/2010	1.083	1.171	1.039	1.038	0.978	0.997	0.991				
6/30/2011	1.362	1.132	1.034	0.982	0.988	0.983					
6/30/2012	1.295	1.110	0.993	1.012	0.983						
6/30/2013	1.260	1.097	1.026	1.006							
6/30/2014	1.213	1.135	1.042								
6/30/2015	1.343	1.143									
6/30/2016	1.251										

3 Yr Mean 1.269 1.125 1.020 1.000 0.983 0.994 0.992 0.998 1.000 1.001 0.998

Best 3/5 1.269 1.126 1.033 1.000 0.983 0.993 0.995 1.000 1.000 1.002 0.998

A.Y.E.	159:147	171:159	183:171	195:183	207:195	219:207	231:219	243:231			
6/30/1998	1.000	1.000	0.999	1.007	1.000	1.000	1.000	1.000			
6/30/1999	1.000	1.000	1.006	1.000	1.000	1.000	1.001	1.000 *			
6/30/2000	1.000	1.012	1.000	1.000	1.000	1.006	1.000 *	1.000 *			
6/30/2001	1.000	1.000	0.996	1.000	1.004	1.000 *	1.000 *	1.000 *			
6/30/2002	1.008	0.999	1.012	1.002	1.001 *	1.000 *	1.000 *	1.000 *			
6/30/2003	1.000	1.000	1.000								
6/30/2004	1.001	1.002									
6/30/2005	1.000										

3 Yr Mean 1.000 1.000 1.003 1.001 1.001 @ 1.002 @ 1.001 @ 1.000 @

Best 3/5 1.000 1.001 1.002 1.001 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
6/30/2013					0.983	0.993	0.995	1.000	1.000	1.002	0.998
6/30/2014				1.000	0.983	0.993	0.995	1.000	1.000	1.002	0.998
6/30/2015			1.033	1.000	0.983	0.993	0.995	1.000	1.000	1.002	0.998
6/30/2016		1.126	1.033	1.000	0.983	0.993	0.995	1.000	1.000	1.002	0.998
6/30/2017	1.269	1.126	1.033	1.000	0.983	0.993	0.995	1.000	1.000	1.002	0.998

A.Y.E.	147/159	159/171	171/183	183/195	195/207	207/219	219/231	231/243	243/211	FACTORS
6/30/2013	1.000	1.001	1.002	1.001	1.000	1.000	1.000	1.000	1.000*	0.975
6/30/2014	1.000	1.001	1.002	1.001	1.000	1.000	1.000	1.000	1.000*	0.975
6/30/2015	1.000	1.001	1.002	1.001	1.000	1.000	1.000	1.000	1.000*	1.007
6/30/2016	1.000	1.001	1.002	1.001	1.000	1.000	1.000	1.000	1.000*	1.134
6/30/2017	1.000	1.001	1.002	1.001	1.000	1.000	1.000	1.000	1.000*	1.439

* 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>
6/30/1998	35,598,975	59,388,248	82,941,218	104,606,288	107,704,829	112,074,938	113,263,525	114,089,119	116,187,977	118,050,296	118,789,675
6/30/1999	33,363,413	67,431,619	103,507,347	119,492,483	128,850,619	136,246,751	137,808,375	142,872,913	144,227,821	145,771,248	148,535,044
6/30/2000	33,795,912	67,967,583	99,304,523	121,747,107	133,551,603	139,193,705	143,877,198	145,968,615	148,364,048	149,688,501	149,902,944
6/30/2001	37,911,376	68,068,287	99,991,142	121,124,161	135,066,463	145,714,018	149,020,015	151,364,178	152,936,465	155,742,747	157,214,282
6/30/2002	36,917,312	60,839,347	99,475,037	122,342,163	141,675,888	147,576,480	153,021,177	155,612,858	156,349,586	158,021,214	157,964,987
6/30/2003	37,205,926	70,419,959	108,111,733	141,918,276	157,667,478	162,336,532	166,211,995	167,686,433	169,453,245	170,867,914	170,963,686
6/30/2004	35,682,701	70,765,299	114,436,836	142,975,612	151,894,562	158,163,837	160,214,866	161,875,254	162,774,184	164,073,906	164,860,081
6/30/2005	33,210,282	70,235,585	115,631,580	144,326,563	158,018,854	164,857,663	168,385,409	171,351,890	172,678,532	174,301,870	174,806,382
6/30/2006	27,897,615	70,650,360	112,788,828	144,091,873	156,927,489	164,389,400	168,934,810	168,514,520	170,144,607	171,630,979	172,262,944
6/30/2007	30,873,236	74,119,440	117,717,940	151,885,793	167,788,612	174,523,886	177,187,445	178,727,289	181,965,931	182,866,269	183,467,932
6/30/2008	30,678,054	75,078,352	132,887,496	173,697,687	193,288,721	201,769,357	205,424,518	208,004,356	209,137,015	208,124,417	
6/30/2009	36,708,341	83,430,381	136,409,299	180,399,034	197,404,089	206,210,946	210,706,619	214,561,200	216,718,149		
6/30/2010	43,878,683	93,536,465	154,599,435	190,012,510	209,157,528	220,030,022	223,868,264	225,400,876			
6/30/2011	48,576,056	105,885,440	172,156,256	215,024,431	235,147,012	244,009,675	248,902,262				
6/30/2012	44,110,035	94,961,511	157,285,279	199,414,850	223,296,424	233,663,898					
6/30/2013	45,151,320	100,118,630	159,767,360	207,065,920	232,514,570						
6/30/2014	53,189,796	115,566,627	185,332,259	237,732,916							
6/30/2015	47,474,573	108,104,553	177,725,027								
6/30/2016	47,747,167	111,963,178									
6/30/2017	46,060,287										

<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>
6/30/1998	119,391,432	119,576,551	119,733,533	120,836,675	121,048,596	121,172,130	121,403,624	121,693,791	121,862,629
6/30/1999	148,659,742	149,972,507	151,125,072	151,849,256	152,745,683	152,594,384	152,560,675	152,565,293	
6/30/2000	152,077,072	152,862,341	152,861,431	153,195,481	154,518,911	154,078,210	154,155,054		
6/30/2001	157,203,172	158,218,287	159,766,299	161,745,591	162,258,420	162,372,463			
6/30/2002	158,930,888	160,492,276	160,584,111	161,270,836	161,394,753				
6/30/2003	171,973,025	172,597,929	173,055,856	172,953,727					
6/30/2004	165,476,814	166,309,657	166,656,072						
6/30/2005	174,651,120	175,449,718							
6/30/2006	173,097,883								

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
6/30/1998	23,789,273	23,552,970	21,665,070	3,098,541	4,370,109	1,188,587	825,594	2,098,858	1,862,319	739,379	601,757	185,119	156,982
6/30/1999	34,068,206	36,075,728	15,985,136	9,358,136	7,396,132	1,561,624	5,064,538	1,354,908	1,543,427	2,763,796	124,698	1,312,765	1,152,565
6/30/2000	34,171,671	31,336,940	22,442,584	11,804,496	5,642,102	4,683,493	2,091,417	2,395,433	1,324,453	214,443	2,174,128	785,269	-910
6/30/2001	30,156,911	31,922,855	21,133,019	13,942,302	10,647,555	3,305,997	2,344,163	1,572,287	2,806,282	1,471,535	-11,110	1,015,115	1,548,012
6/30/2002	23,922,035	38,635,690	22,867,126	19,333,725	5,900,592	5,444,697	2,591,681	736,728	1,671,628	-56,227	965,901	1,561,388	91,835
6/30/2003	33,214,033	37,691,774	33,806,543	15,749,202	4,669,054	3,875,463	1,474,438	1,766,812	1,414,669	95,772	1,009,339	624,904	457,927
6/30/2004	35,082,598	43,671,537	28,538,776	8,918,950	6,269,275	2,051,029	1,660,388	898,930	1,299,722	786,175	616,733	832,843	346,415
6/30/2005	37,025,303	45,395,995	28,694,983	13,692,291	6,838,809	3,527,746	2,966,481	1,326,642	1,623,338	504,512	-155,262	798,598	
6/30/2006	42,752,745	42,138,468	31,303,045	12,835,616	7,461,911	4,545,410	-420,290	1,630,087	1,486,372	631,965	834,939		
6/30/2007	43,246,204	43,598,500	34,167,853	15,902,819	6,735,274	2,663,559	1,539,844	3,238,642	900,338	601,663			
6/30/2008	44,400,298	57,809,144	40,810,191	19,591,034	8,480,636	3,655,161	2,579,838	1,132,659	-1,012,598				
6/30/2009	46,722,040	52,978,918	43,989,735	17,005,055	8,806,857	4,495,673	3,854,581	2,156,949					
6/30/2010	49,657,782	61,062,970	35,413,075	19,145,018	10,872,494	3,838,242	1,532,612						
6/30/2011	57,309,384	66,270,816	42,868,175	20,122,581	8,862,663	4,892,587							
6/30/2012	50,851,476	62,323,768	42,129,571	23,881,574	10,367,474								
6/30/2013	54,967,310	59,648,730	47,298,560	25,448,650									
6/30/2014	62,376,831	69,765,632	52,400,657										
6/30/2015	60,629,980	69,620,474											
6/30/2016	64,216,011												

	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
6/30/1998	0.0458	0.0454	0.0417	0.0060	0.0084	0.0023	0.0016	0.0040	0.0036	0.0014	0.0012	0.0004	0.0003
6/30/1999	0.0593	0.0628	0.0278	0.0163	0.0129	0.0027	0.0088	0.0024	0.0027	0.0048	0.0002	0.0023	0.0020
6/30/2000	0.0606	0.0556	0.0398	0.0209	0.0100	0.0083	0.0037	0.0042	0.0023	0.0004	0.0039	0.0014	0.0000
6/30/2001	0.0541	0.0573	0.0379	0.0250	0.0191	0.0059	0.0042	0.0028	0.0050	0.0026	0.0000	0.0018	0.0028
6/30/2002	0.0462	0.0747	0.0442	0.0374	0.0114	0.0105	0.0050	0.0014	0.0032	-0.0001	0.0019	0.0030	0.0002
6/30/2003	0.0613	0.0695	0.0624	0.0291	0.0086	0.0071	0.0027	0.0033	0.0026	0.0002	0.0019	0.0012	0.0008
6/30/2004	0.0637	0.0793	0.0518	0.0162	0.0114	0.0037	0.0030	0.0016	0.0024	0.0014	0.0011	0.0015	0.0006
6/30/2005	0.0668	0.0819	0.0518	0.0247	0.0123	0.0064	0.0054	0.0024	0.0029	0.0009	-0.0003	0.0014	
6/30/2006	0.0762	0.0751	0.0558	0.0229	0.0133	0.0081	-0.0007	0.0029	0.0026	0.0011	0.0015		
6/30/2007	0.0710	0.0716	0.0561	0.0261	0.0111	0.0044	0.0025	0.0053	0.0015	0.0010			
6/30/2008	0.0684	0.0891	0.0629	0.0302	0.0131	0.0056	0.0040	0.0017	-0.0016				
6/30/2009	0.0696	0.0789	0.0655	0.0253	0.0131	0.0067	0.0057	0.0032					
6/30/2010	0.0675	0.0830	0.0482	0.0260	0.0148	0.0052	0.0021						
6/30/2011	0.0728	0.0842	0.0545	0.0256	0.0113	0.0062							
6/30/2012	0.0708	0.0868	0.0587	0.0333	0.0144								
6/30/2013	0.0769	0.0835	0.0662	0.0356									
6/30/2014	0.0756	0.0846	0.0635										
6/30/2015	0.0775	0.0890											
6/30/2016	0.0847												

Best 3/5	0.0767	0.0852	0.0589	0.0283	0.0135	0.0057	0.0029	0.0028	0.0022	0.0010	0.0015	0.0016	0.0006
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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>
6/30/1998	39,115,235	45,035,631	47,562,564	52,280,767	50,579,169	50,794,661	50,368,926	50,296,431	50,351,632	50,430,312	50,545,412
6/30/1999	42,531,063	48,267,860	54,285,634	51,169,346	53,089,947	52,311,889	51,547,240	51,515,052	52,051,034	52,237,470	52,319,684
6/30/2000	46,341,346	57,168,216	53,447,023	56,006,617	55,143,038	55,318,633	55,253,420	55,053,261	55,309,807	55,693,429	55,738,176
6/30/2001	42,685,232	43,064,121	48,932,681	49,612,517	50,354,893	49,955,763	50,311,355	50,446,583	50,860,776	51,462,773	51,962,244
6/30/2002	34,678,623	40,173,448	41,475,739	43,027,403	43,625,104	44,259,839	45,042,532	45,212,329	45,611,950	45,779,736	46,159,732
6/30/2003	35,599,195	37,787,352	40,294,365	39,876,841	42,432,643	42,644,873	42,626,788	42,960,253	42,459,134	42,967,001	43,294,224
6/30/2004	32,524,963	36,961,676	38,371,242	39,890,398	41,754,568	42,164,766	42,062,437	42,248,346	42,238,998	42,450,333	42,513,630
6/30/2005	32,148,831	33,926,350	37,136,792	38,319,616	39,193,725	39,455,613	39,580,104	39,788,136	40,179,969	40,683,739	40,503,806
6/30/2006	31,019,875	33,799,765	35,536,021	36,328,914	36,772,124	37,862,544	38,519,714	38,630,616	38,752,758	38,533,853	38,639,893
6/30/2007	33,030,687	36,484,249	38,964,909	39,541,443	40,096,739	40,224,624	40,402,216	41,134,908	41,865,516	41,777,804	41,873,605
6/30/2008	38,852,902	43,299,716	44,624,620	44,655,606	45,327,364	46,335,154	47,076,947	47,341,725	47,587,349	47,629,596	
6/30/2009	40,062,989	41,575,754	43,606,122	43,952,266	43,999,823	44,454,019	44,354,734	44,267,468	44,411,505		
6/30/2010	40,502,693	45,355,768	47,910,889	48,758,346	49,591,933	49,785,349	49,819,424	49,805,997			
6/30/2011	47,728,286	51,360,618	51,988,591	52,703,584	52,549,650	53,077,644	53,405,208				
6/30/2012	46,152,468	49,657,070	51,634,674	52,020,289	52,512,922	52,736,622					
6/30/2013	42,689,874	47,380,980	49,529,726	51,492,696	51,854,034						
6/30/2014	49,597,854	52,684,092	54,951,142	56,494,666							
6/30/2015	47,337,985	52,319,404	54,185,502								
6/30/2016	41,100,469	45,586,810									
6/30/2017	44,355,222										
<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>		
6/30/1998	50,769,366	50,598,933	50,554,572	50,670,891	50,715,121	50,842,353	51,157,692	51,345,927	51,253,540		
6/30/1999	52,369,991	52,420,466	52,599,907	52,535,812	52,743,803	52,972,195	53,059,491	53,265,870			
6/30/2000	55,478,832	55,605,527	55,677,403	55,848,834	55,873,292	55,858,330	56,222,993				
6/30/2001	52,224,731	52,335,688	52,449,334	52,448,009	52,574,614	52,708,111					
6/30/2002	46,418,029	46,260,147	46,161,148	46,390,091	46,433,237						
6/30/2003	43,284,294	43,364,568	43,442,579	43,483,586							
6/30/2004	42,818,831	42,922,898	42,898,304								
6/30/2005	40,441,270	40,324,727									
6/30/2006	38,713,583										

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
6/30/1998	1.151	1.056	1.099	0.967	1.004	0.992	0.999	1.001	1.002	1.002	1.004
6/30/1999	1.135	1.125	0.943	1.038	0.985	0.985	0.999	1.010	1.004	1.002	1.001
6/30/2000	1.234	0.935	1.048	0.985	1.003	0.999	0.996	1.005	1.007	1.001	0.995
6/30/2001	1.009	1.136	1.014	1.015	0.992	1.007	1.003	1.008	1.012	1.010	1.005
6/30/2002	1.158	1.032	1.037	1.014	1.015	1.018	1.004	1.009	1.004	1.008	1.006
6/30/2003	1.061	1.066	0.990	1.064	1.005	1.000	1.008	0.988	1.012	1.008	1.000
6/30/2004	1.136	1.038	1.040	1.047	1.010	0.998	1.004	1.000	1.005	1.001	1.007
6/30/2005	1.055	1.095	1.032	1.023	1.007	1.003	1.005	1.010	1.013	0.996	0.998
6/30/2006	1.090	1.051	1.022	1.012	1.030	1.017	1.003	1.003	0.994	1.003	1.002
6/30/2007	1.105	1.068	1.015	1.014	1.003	1.004	1.018	1.018	0.998	1.002	
6/30/2008	1.114	1.031	1.001	1.015	1.022	1.016	1.006	1.005	1.001		
6/30/2009	1.038	1.049	1.008	1.001	1.010	0.998	0.998	1.003			
6/30/2010	1.120	1.056	1.018	1.017	1.004	1.001	1.000				
6/30/2011	1.076	1.012	1.014	0.997	1.010	1.006					
6/30/2012	1.076	1.040	1.007	1.009	1.004						
6/30/2013	1.110	1.045	1.040	1.007							
6/30/2014	1.062	1.043	1.028								
6/30/2015	1.105	1.036									
6/30/2016	1.109										

3 Yr Mean 1.092 1.041 1.025 1.004 1.006 1.002 1.001 1.009 0.998 1.000 1.002

Best 3/5 1.097 1.040 1.020 1.006 1.008 1.004 1.003 1.006 1.001 1.002 1.003

A.Y.E.	159:147	171:159	183:171	195:183	207:195	219:207	231:219	243:231			
6/30/1998	0.997	0.999	1.002	1.001	1.003	1.006	1.004	0.998			
6/30/1999	1.001	1.003	0.999	1.004	1.004	1.002	1.004	1.003 *			
6/30/2000	1.002	1.001	1.003	1.000	1.000	1.007	1.003 *	1.003 *			
6/30/2001	1.002	1.002	1.000	1.002	1.003	1.002 *	1.003 *	1.003 *			
6/30/2002	0.997	0.998	1.005	1.001	1.001 *	1.002 *	1.003 *	1.003 *			
6/30/2003	1.002	1.002	1.001								
6/30/2004	1.002	0.999									
6/30/2005	0.997										

3 Yr Mean 1.000 1.000 1.002 1.001 1.002 @ 1.005 @ 1.004 @ 0.998 @

Best 3/5 1.000 1.001 1.001 1.001 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
6/30/2013					1.008	1.004	1.003	1.006	1.001	1.002	1.003
6/30/2014				1.006	1.008	1.004	1.003	1.006	1.001	1.002	1.003
6/30/2015			1.020	1.006	1.008	1.004	1.003	1.006	1.001	1.002	1.003
6/30/2016		1.040	1.020	1.006	1.008	1.004	1.003	1.006	1.001	1.002	1.003
6/30/2017	1.097	1.040	1.020	1.006	1.008	1.004	1.003	1.006	1.001	1.002	1.003

A.Y.E.	147/159	159/171	171/183	183/195	195/207	207/219	219/231	231/243	243/U1t	FACTORS
6/30/2013	1.000	1.001	1.001	1.001	1.002	1.003	1.003	1.003	1.012*	1.054
6/30/2014	1.000	1.001	1.001	1.001	1.002	1.003	1.003	1.003	1.012*	1.061
6/30/2015	1.000	1.001	1.001	1.001	1.002	1.003	1.003	1.003	1.012*	1.082
6/30/2016	1.000	1.001	1.001	1.001	1.002	1.003	1.003	1.003	1.012*	1.125
6/30/2017	1.000	1.001	1.001	1.001	1.002	1.003	1.003	1.003	1.012*	1.234

* Calculated Using Modified Bondy Method

@ Three year mean Excludes Modified Bondy ratios

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

\$100,000 Basic Limit Losses as of:

<u>A.Y.E.</u>	<u>15 Months</u>	<u>27 Months</u>	<u>39 Months</u>	<u>51 Months</u>	<u>63 Months</u>	<u>75 Months</u>	<u>87 Months</u>	<u>99 Months</u>	<u>111 Months</u>	<u>123 Months</u>	<u>135 Months</u>
6/30/1998	2,234,090	2,871,269	2,761,279	2,897,099	2,853,224	2,796,614	2,803,094	2,977,756	3,196,593	3,177,969	3,184,882
6/30/1999	2,330,063	2,165,698	2,445,270	2,604,025	2,600,918	2,530,055	2,590,911	2,793,387	3,018,461	3,141,444	2,979,513
6/30/2000	2,256,610	2,792,975	2,754,375	2,941,417	2,831,927	2,979,225	3,003,117	3,162,558	3,128,669	3,128,189	3,119,864
6/30/2001	2,360,908	2,681,771	3,016,231	3,200,484	3,193,689	3,272,372	3,405,802	3,172,450	3,319,348	3,345,293	3,403,658
6/30/2002	2,008,138	2,302,204	2,266,677	2,379,306	2,483,515	2,594,483	2,540,467	2,474,039	2,568,538	2,568,539	2,575,039
6/30/2003	1,848,737	1,915,722	1,966,662	2,123,440	2,142,058	2,025,512	2,030,139	2,085,854	2,110,971	2,108,121	2,109,121
6/30/2004	2,710,318	2,864,751	3,146,264	3,418,420	3,573,931	3,652,717	3,519,439	3,612,456	3,554,456	3,622,026	3,631,977
6/30/2005	2,715,202	2,718,576	2,691,428	3,083,370	2,976,965	3,135,987	3,006,005	3,140,505	3,154,506	3,148,294	3,144,294
6/30/2006	2,037,263	2,295,599	2,565,472	2,657,079	2,684,809	2,816,495	2,928,194	2,966,291	2,929,250	2,931,473	2,862,107
6/30/2007	2,153,943	2,967,885	3,548,042	3,431,627	3,377,799	3,212,610	3,182,246	3,207,224	3,305,225	3,305,224	3,325,224
6/30/2008	1,849,491	2,353,081	1,960,611	1,949,207	1,913,922	1,940,952	1,904,141	1,896,941	1,898,941	1,899,043	
6/30/2009	2,980,944	2,310,384	2,701,393	2,523,058	2,609,519	2,667,745	2,755,667	2,673,246	2,673,245		
6/30/2010	2,246,388	2,289,951	2,247,191	2,403,632	2,558,403	2,648,557	2,703,408	2,645,525			
6/30/2011	2,000,818	2,204,124	2,533,546	2,424,962	2,495,812	2,510,426	2,482,337				
6/30/2012	1,682,463	1,996,171	2,158,245	2,436,040	2,445,779	2,942,137					
6/30/2013	2,110,270	2,313,813	2,430,216	2,323,870	2,605,947						
6/30/2014	2,623,679	2,490,277	2,312,408	2,474,873							
6/30/2015	3,743,037	3,805,789	3,703,701								
6/30/2016	2,902,682	3,027,129									
6/30/2017	2,866,441										
<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>		
6/30/1998	3,241,725	3,209,801	3,198,548	3,248,554	3,343,413	3,343,413	3,293,413	3,293,413	3,293,413		
6/30/1999	2,979,513	2,979,513	2,979,513	3,074,373	3,074,373	3,074,338	3,074,338	3,074,338			
6/30/2000	3,144,389	3,115,264	3,115,264	3,115,164	3,115,164	3,115,164	3,215,164				
6/30/2001	3,399,033	3,399,342	3,249,342	3,274,444	3,299,444	3,388,906					
6/30/2002	2,580,038	2,608,039	2,600,038	2,600,038	2,700,038						
6/30/2003	2,117,621	2,117,621	2,217,621	2,417,621							
6/30/2004	3,732,856	3,734,732	3,742,632								
6/30/2005	3,148,515	3,144,301									
6/30/2006	2,865,872										

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

	Link Ratios										
A.Y.E.	27: 15	39: 27	51: 39	63: 51	75: 63	87: 75	99: 87	111: 99	123:111	135:123	147:135
6/30/1998	1.285	0.962	1.049	0.985	0.980	1.002	1.062	1.073	0.994	1.002	1.018
6/30/1999	0.929	1.129	1.065	0.999	0.973	1.024	1.078	1.081	1.041	0.948	1.000
6/30/2000	1.238	0.986	1.068	0.963	1.052	1.008	1.053	0.989	1.000	0.997	1.008
6/30/2001	1.136	1.125	1.061	0.998	1.025	1.041	0.931	1.046	1.008	1.017	0.999
6/30/2002	1.146	0.985	1.050	1.044	1.045	0.979	0.974	1.038	1.000	1.003	1.002
6/30/2003	1.036	1.027	1.080	1.009	0.946	1.002	1.027	1.012	0.999	1.000	1.004
6/30/2004	1.057	1.098	1.087	1.045	1.022	0.964	1.022	0.984	1.019	1.003	1.028
6/30/2005	1.001	0.990	1.146	0.965	1.053	0.959	1.045	1.004	0.998	0.999	1.001
6/30/2006	1.127	1.118	1.036	1.010	1.049	1.040	1.013	0.988	1.001	0.976	1.001
6/30/2007	1.378	1.195	0.967	0.984	0.951	0.991	1.008	1.031	1.000	1.006	
6/30/2008	1.272	0.833	0.994	0.982	1.014	0.981	0.996	1.001	1.000		
6/30/2009	0.775	1.169	0.934	1.034	1.022	1.033	0.970	1.000			
6/30/2010	1.019	0.981	1.070	1.064	1.035	1.021	0.979				
6/30/2011	1.102	1.149	0.957	1.029	1.006	0.989					
6/30/2012	1.186	1.081	1.129	1.004	1.203						
6/30/2013	1.096	1.050	0.956	1.121							
6/30/2014	0.949	0.929	1.070								
6/30/2015	1.017	0.973									
6/30/2016	1.043										

3 Yr Mean 1.003 0.984 1.052 1.051 1.081 1.014 0.982 1.011 1.000 0.994 1.010

Best 3/5 1.052 1.035 1.032 1.042 1.024 1.000 0.994 1.002 1.000 1.001 1.002

A.Y.E.	159:147	171:159	183:171	195:183	207:195	219:207	231:219	243:231			
6/30/1998	0.990	0.996	1.016	1.029	1.000	0.985	1.000	1.000			
6/30/1999	1.000	1.000	1.032	1.000	1.000	1.000	1.000	1.000 *			
6/30/2000	0.991	1.000	1.000	1.000	1.000	1.032	1.000 *	1.000 *			
6/30/2001	1.000	0.956	1.008	1.008	1.027	1.001 *	1.000 *	1.000 *			
6/30/2002	1.011	0.997	1.000	1.038	1.011 *	1.001 *	1.000 *	1.000 *			
6/30/2003	1.000	1.047	1.090								
6/30/2004	1.001	1.002									
6/30/2005	0.999										

3 Yr Mean 1.000 1.015 1.033 1.015 1.009 @ 1.006 @ 1.000 @ 1.000 @

Best 3/5 1.000 1.000 1.013 1.012 1.004 * 1.001 * 1.000 * 1.000 *

	Development From										
A.Y.E.	15/ 27	27/ 39	39/ 51	51/ 63	63/ 75	75/ 87	87/ 99	99/111	111/123	123/135	135/147
6/30/2013					1.024	1.000	0.994	1.002	1.000	1.001	1.002
6/30/2014				1.042	1.024	1.000	0.994	1.002	1.000	1.001	1.002
6/30/2015			1.032	1.042	1.024	1.000	0.994	1.002	1.000	1.001	1.002
6/30/2016		1.035	1.032	1.042	1.024	1.000	0.994	1.002	1.000	1.001	1.002
6/30/2017	1.052	1.035	1.032	1.042	1.024	1.000	0.994	1.002	1.000	1.001	1.002

A.Y.E.	147/159	159/171	171/183	183/195	195/207	207/219	219/231	231/243	243/211	FACTORS
6/30/2013	1.000	1.000	1.013	1.012	1.004	1.001	1.000	1.000	1.000*	1.054
6/30/2014	1.000	1.000	1.013	1.012	1.004	1.001	1.000	1.000	1.000*	1.098
6/30/2015	1.000	1.000	1.013	1.012	1.004	1.001	1.000	1.000	1.000*	1.133
6/30/2016	1.000	1.000	1.013	1.012	1.004	1.001	1.000	1.000	1.000*	1.173
6/30/2017	1.000	1.000	1.013	1.012	1.004	1.001	1.000	1.000	1.000*	1.234

* 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>
6/30/1998	4,206,701	7,990,631	12,799,196	16,399,821	17,683,032	19,337,950	19,753,917	22,811,728	22,502,014	25,540,677	25,853,094
6/30/1999	3,916,384	9,395,803	13,095,271	14,392,123	17,240,333	17,892,182	18,534,840	20,032,392	20,582,317	21,907,657	23,728,340
6/30/2000	4,699,410	10,751,723	15,699,125	20,434,680	22,277,231	23,858,716	27,679,692	28,244,328	28,379,890	28,776,648	29,308,964
6/30/2001	6,095,269	11,254,720	18,579,534	22,347,246	27,068,075	31,035,042	34,346,827	37,851,823	39,261,073	39,369,191	39,293,122
6/30/2002	3,923,784	8,802,257	11,527,588	17,046,766	21,527,236	29,382,061	33,099,516	36,512,740	38,569,077	39,246,943	40,182,176
6/30/2003	3,555,011	7,559,285	12,164,819	16,597,009	21,597,789	24,009,375	25,612,172	26,405,258	26,811,428	27,339,868	27,636,058
6/30/2004	3,469,694	7,912,400	12,529,268	16,638,385	21,465,173	25,437,910	28,228,885	28,368,045	29,808,896	30,665,928	30,694,864
6/30/2005	3,888,773	7,698,187	13,597,191	17,388,603	20,549,768	22,662,682	23,757,902	24,513,785	25,432,800	27,228,566	27,528,294
6/30/2006	2,972,694	7,140,819	11,600,633	15,679,471	17,702,076	21,783,026	24,703,310	25,785,335	26,042,385	26,474,585	29,584,392
6/30/2007	3,743,498	9,646,120	15,713,690	21,784,095	24,558,851	27,044,063	29,655,740	30,414,465	32,366,907	32,771,838	33,057,349
6/30/2008	4,686,488	10,584,863	16,736,650	22,130,291	26,882,162	29,411,881	30,340,615	31,547,043	32,714,096	33,585,102	
6/30/2009	4,363,270	9,223,560	15,932,527	19,729,294	24,190,993	26,127,904	27,528,746	28,776,046	29,645,229		
6/30/2010	5,230,677	11,462,274	18,497,285	24,504,610	28,593,187	31,037,445	33,720,210	34,973,931			
6/30/2011	5,939,917	13,628,565	19,171,130	24,727,576	29,145,293	32,474,958	33,072,191				
6/30/2012	6,939,745	12,706,601	20,013,853	25,291,409	29,702,514	32,622,064					
6/30/2013	6,240,684	12,362,345	19,864,317	27,887,950	30,565,328						
6/30/2014	6,734,564	12,872,418	18,355,233	22,579,857							
6/30/2015	6,514,521	13,394,351	22,015,920								
6/30/2016	6,493,241	11,963,323									
6/30/2017	6,384,517										

<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>
6/30/1998	25,903,228	26,164,373	26,319,054	26,570,398	26,579,679	26,454,087	26,511,420	26,614,677	26,519,435
6/30/1999	23,921,461	24,746,544	25,168,723	25,067,709	25,188,662	25,208,554	25,275,565	25,275,399	
6/30/2000	29,860,042	30,114,398	30,339,066	30,783,673	30,934,255	31,034,497	40,464,635		
6/30/2001	39,786,563	40,037,670	40,054,473	40,082,405	40,105,949	40,141,418			
6/30/2002	40,971,012	41,108,233	41,092,931	41,294,804	41,339,934				
6/30/2003	27,671,965	27,742,488	27,692,934	28,043,476					
6/30/2004	31,544,123	31,614,093	31,675,296						
6/30/2005	27,461,578	27,785,342							
6/30/2006	29,952,301								

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
6/30/1998	3,783,930	4,808,565	3,600,625	1,283,211	1,654,918	415,967	3,057,811	-309,714	3,038,663	312,417	50,134	261,145	154,681
6/30/1999	5,479,419	3,699,468	1,296,852	2,848,210	651,849	642,658	1,497,552	549,925	1,325,340	1,820,683	193,121	825,083	422,179
6/30/2000	6,052,313	4,947,402	4,735,555	1,842,551	1,581,485	3,820,976	564,636	135,562	396,758	532,316	551,078	254,356	224,668
6/30/2001	5,159,451	7,324,814	3,767,712	4,720,829	3,966,967	3,311,785	3,504,996	1,409,250	108,118	-76,069	493,441	251,107	16,803
6/30/2002	4,878,473	2,725,331	5,519,178	4,480,470	7,854,825	3,717,455	3,413,224	2,056,337	677,866	935,233	788,836	137,221	-15,302
6/30/2003	4,004,274	4,605,534	4,432,190	5,000,780	2,411,586	1,602,797	793,086	406,170	528,440	296,190	35,907	70,523	-49,554
6/30/2004	4,442,706	4,616,868	4,109,117	4,826,788	3,972,737	2,790,975	139,160	1,440,851	857,032	28,936	849,259	69,970	61,203
6/30/2005	3,809,414	5,899,004	3,791,412	3,161,165	2,112,914	1,095,220	755,883	919,015	1,795,766	299,728	-66,716	323,764	
6/30/2006	4,168,125	4,459,814	4,078,838	2,022,605	4,080,950	2,920,284	1,082,025	257,050	432,200	3,109,807	367,909		
6/30/2007	5,902,622	6,067,570	6,070,405	2,774,756	2,485,212	2,611,677	758,725	1,952,442	404,931	285,511			
6/30/2008	5,898,375	6,151,787	5,393,641	4,751,871	2,529,719	928,734	1,206,428	1,167,053	871,006				
6/30/2009	4,860,290	6,708,967	3,796,767	4,461,699	1,936,911	1,400,842	1,247,300	869,183					
6/30/2010	6,231,597	7,035,011	6,007,325	4,088,577	2,444,258	2,682,765	1,253,721						
6/30/2011	7,688,648	5,542,565	5,556,446	4,417,717	3,329,665	597,233							
6/30/2012	5,766,856	7,307,252	5,277,556	4,411,105	2,919,550								
6/30/2013	6,121,661	7,501,972	8,023,633	2,677,378									
6/30/2014	6,137,854	5,482,815	4,224,624										
6/30/2015	6,879,830	8,621,569											
6/30/2016	5,470,082												

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
6/30/1998	0.0548	0.0696	0.0521	0.0186	0.0240	0.0060	0.0443	-0.0045	0.0440	0.0045	0.0007	0.0038	0.0022
6/30/1999	0.0770	0.0520	0.0182	0.0400	0.0092	0.0090	0.0210	0.0077	0.0186	0.0256	0.0027	0.0116	0.0059
6/30/2000	0.0794	0.0649	0.0621	0.0242	0.0208	0.0501	0.0074	0.0018	0.0052	0.0070	0.0072	0.0033	0.0029
6/30/2001	0.0720	0.1022	0.0525	0.0658	0.0553	0.0462	0.0489	0.0197	0.0015	-0.0011	0.0069	0.0035	0.0002
6/30/2002	0.0710	0.0396	0.0803	0.0652	0.1143	0.0541	0.0497	0.0299	0.0099	0.0136	0.0115	0.0020	-0.0002
6/30/2003	0.0644	0.0741	0.0713	0.0804	0.0388	0.0258	0.0128	0.0065	0.0085	0.0048	0.0006	0.0011	-0.0008
6/30/2004	0.0721	0.0749	0.0667	0.0783	0.0645	0.0453	0.0023	0.0234	0.0139	0.0005	0.0138	0.0011	0.0010
6/30/2005	0.0685	0.1061	0.0682	0.0568	0.0380	0.0197	0.0136	0.0165	0.0323	0.0054	-0.0012	0.0058	
6/30/2006	0.0802	0.0858	0.0785	0.0389	0.0785	0.0562	0.0208	0.0049	0.0083	0.0598	0.0071		
6/30/2007	0.1017	0.1046	0.1046	0.0478	0.0428	0.0450	0.0131	0.0337	0.0070	0.0049			
6/30/2008	0.0893	0.0932	0.0817	0.0720	0.0383	0.0141	0.0183	0.0177	0.0132				
6/30/2009	0.0789	0.1089	0.0616	0.0724	0.0314	0.0227	0.0203	0.0141					
6/30/2010	0.0886	0.1000	0.0854	0.0581	0.0347	0.0381	0.0178						
6/30/2011	0.0964	0.0695	0.0697	0.0554	0.0418	0.0075							
6/30/2012	0.0739	0.0937	0.0677	0.0565	0.0374								
6/30/2013	0.0804	0.0986	0.1054	0.0352									
6/30/2014	0.0695	0.0621	0.0479										
6/30/2015	0.0839	0.1051											
6/30/2016	0.0787												

Best 3/5	0.0777	0.0873	0.0743	0.0567	0.0368	0.0250	0.0188	0.0161	0.0118	0.0050	0.0064	0.0022	0.0003
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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>
6/30/1998	18,101,043	27,180,296	31,943,206	32,271,624	34,274,168	34,079,787	34,342,421	34,393,939	34,053,928	34,104,831	33,924,735
6/30/1999	17,961,604	24,466,633	24,598,211	28,135,018	26,147,614	26,030,574	25,846,117	25,747,118	25,950,593	25,891,411	25,914,779
6/30/2000	17,519,503	20,794,671	32,386,636	32,540,119	31,924,618	32,114,242	32,701,800	32,894,324	32,808,482	32,879,534	32,652,695
6/30/2001	14,299,810	30,435,827	32,951,038	35,731,131	37,294,034	37,620,149	37,589,825	37,612,405	37,704,660	37,503,863	37,272,617
6/30/2002	16,133,394	19,549,003	22,504,926	25,130,475	23,258,142	22,668,880	22,542,734	22,296,566	22,483,154	22,492,278	22,348,980
6/30/2003	11,328,097	13,909,395	17,397,260	15,751,784	15,696,034	15,881,643	15,048,750	14,900,590	15,130,522	14,947,391	15,141,058
6/30/2004	16,934,539	21,834,366	18,832,651	19,352,918	18,962,894	18,711,953	18,830,586	18,826,071	18,812,010	19,038,692	19,058,347
6/30/2005	15,151,147	19,093,950	21,352,637	20,969,907	20,382,440	20,480,933	20,122,895	20,221,368	20,317,401	20,592,157	20,486,076
6/30/2006	19,524,659	23,501,040	24,464,486	23,766,539	22,963,953	22,991,097	22,711,937	22,810,466	22,603,529	22,424,681	22,439,682
6/30/2007	18,586,018	22,823,706	23,333,309	23,462,711	23,215,874	22,710,655	22,620,624	22,731,025	22,798,583	23,033,065	22,965,915
6/30/2008	17,241,046	19,097,703	18,651,441	18,413,591	18,330,684	18,415,794	18,597,911	18,702,804	18,628,769	18,677,942	
6/30/2009	14,025,462	16,211,298	16,050,805	16,306,977	17,137,385	17,163,375	17,205,079	17,049,602	16,793,006		
6/30/2010	12,414,490	15,442,102	16,463,008	16,317,801	16,609,463	16,389,163	16,156,358	16,099,962			
6/30/2011	10,516,242	12,332,543	13,455,635	14,565,113	14,603,820	14,567,872	14,259,021				
6/30/2012	9,257,945	12,104,743	12,045,882	12,327,514	12,740,575	12,114,032					
6/30/2013	9,831,975	11,582,552	12,920,884	12,989,819	13,313,866						
6/30/2014	8,898,667	12,079,739	15,099,898	15,161,081							
6/30/2015	9,770,152	12,352,959	15,458,098								
6/30/2016	10,660,138	13,617,052									
6/30/2017	10,737,611										
<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>		
6/30/1998	33,947,469	33,950,916	33,926,933	34,046,311	34,217,882	34,210,924	34,378,560	34,459,953	34,479,163		
6/30/1999	25,865,446	25,950,289	25,930,314	25,972,134	25,961,054	26,055,226	26,118,869	26,133,967			
6/30/2000	32,374,846	32,373,835	32,585,152	32,485,152	32,535,152	32,538,652	32,574,794				
6/30/2001	37,171,261	37,355,961	37,355,961	37,445,961	37,456,296	37,456,195					
6/30/2002	22,463,543	22,547,018	22,647,018	22,600,368	22,592,518						
6/30/2003	15,106,788	15,171,689	15,175,986	15,253,486							
6/30/2004	18,854,233	18,929,344	18,974,144								
6/30/2005	20,282,328	20,407,325									
6/30/2006	22,648,432										

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
6/30/1998	1.502	1.175	1.010	1.062	0.994	1.008	1.002	0.990	1.001	0.995	1.001
6/30/1999	1.362	1.005	1.144	0.929	0.996	0.993	0.996	1.008	0.998	1.001	0.998
6/30/2000	1.187	1.557	1.005	0.981	1.006	1.018	1.006	0.997	1.002	0.993	0.991
6/30/2001	2.128	1.083	1.084	1.044	1.009	0.999	1.001	1.002	0.995	0.994	0.997
6/30/2002	1.212	1.151	1.117	0.925	0.975	0.994	0.989	1.008	1.000	0.994	1.005
6/30/2003	1.228	1.251	0.905	0.996	1.012	0.948	0.990	1.015	0.988	1.013	0.998
6/30/2004	1.289	0.863	1.028	0.980	0.987	1.006	1.000	0.999	1.012	1.001	0.989
6/30/2005	1.260	1.118	0.982	0.972	1.005	0.983	1.005	1.005	1.014	0.995	0.990
6/30/2006	1.204	1.041	0.971	0.966	1.001	0.988	1.004	0.991	0.992	1.001	1.009
6/30/2007	1.228	1.022	1.006	0.989	0.978	0.996	1.005	1.003	1.010	0.997	
6/30/2008	1.108	0.977	0.987	0.995	1.005	1.010	1.006	0.996	1.003		
6/30/2009	1.156	0.990	1.016	1.051	1.002	1.002	0.991	0.985			
6/30/2010	1.244	1.066	0.991	1.018	0.987	0.986	0.997				
6/30/2011	1.173	1.091	1.082	1.003	0.998	0.979					
6/30/2012	1.307	0.995	1.023	1.034	0.951						
6/30/2013	1.178	1.116	1.005	1.025							
6/30/2014	1.357	1.250	1.004								
6/30/2015	1.264	1.251									
6/30/2016	1.277										

3 Yr Mean	1.299	1.206	1.011	1.021	0.979	0.989	0.998	0.995	1.002	0.998	0.996
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Best 3/5	1.283	1.152	1.011	1.026	0.996	0.995	1.002	0.997	1.008	1.000	0.998
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A.Y.E.	159:147	171:159	183:171	195:183	207:195	219:207	231:219	243:231			
6/30/1998	1.000	0.999	1.004	1.005	1.000	1.005	1.002	1.001			
6/30/1999	1.003	0.999	1.002	1.000	1.004	1.002	1.001	1.001 *			
6/30/2000	1.000	1.007	0.997	1.002	1.000	1.001	1.001 *	1.001 *			
6/30/2001	1.005	1.000	1.002	1.000	1.000	1.000 *	1.001 *	1.001 *			
6/30/2002	1.004	1.004	0.998	1.000	1.001 *	1.000 *	1.001 *	1.001 *			
6/30/2003	1.004	1.000	1.005								
6/30/2004	1.004	1.002									
6/30/2005	1.006										

3 Yr Mean	1.005	1.002	1.002	1.001	1.001 @	1.003 @	1.002 @	1.001 @			
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Best 3/5	1.004	1.002	1.001	1.001	1.000 *	1.001 *	1.001 *	1.001 *			
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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
6/30/2013					0.996	0.995	1.002	0.997	1.008	1.000	0.998
6/30/2014				1.026	0.996	0.995	1.002	0.997	1.008	1.000	0.998
6/30/2015			1.011	1.026	0.996	0.995	1.002	0.997	1.008	1.000	0.998
6/30/2016		1.152	1.011	1.026	0.996	0.995	1.002	0.997	1.008	1.000	0.998
6/30/2017	1.283	1.152	1.011	1.026	0.996	0.995	1.002	0.997	1.008	1.000	0.998

A.Y.E.	147/159	159/171	171/183	183/195	195/207	207/219	219/231	231/243	243/211	FACTORS
6/30/2013	1.004	1.002	1.001	1.001	1.000	1.001	1.001	1.001	1.004*	1.011
6/30/2014	1.004	1.002	1.001	1.001	1.000	1.001	1.001	1.001	1.004*	1.037
6/30/2015	1.004	1.002	1.001	1.001	1.000	1.001	1.001	1.001	1.004*	1.049
6/30/2016	1.004	1.002	1.001	1.001	1.000	1.001	1.001	1.001	1.004*	1.208
6/30/2017	1.004	1.002	1.001	1.001	1.000	1.001	1.001	1.001	1.004*	1.550

* 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>
6/30/1998	6,373,160	18,526,232	31,430,545	30,927,361	41,784,694	39,791,834	42,960,477	43,802,892	43,970,692	43,887,190	43,357,966
6/30/1999	5,650,778	14,243,328	17,494,746	25,110,246	24,980,599	25,693,428	25,906,883	26,635,779	27,541,416	27,361,743	27,401,876
6/30/2000	7,421,513	11,334,555	22,089,151	23,968,491	26,338,525	28,389,641	31,027,593	33,082,291	35,696,158	38,312,522	37,877,596
6/30/2001	4,295,076	15,518,958	22,179,495	29,285,056	32,653,327	37,470,109	39,008,340	39,752,987	40,615,389	41,783,599	41,830,820
6/30/2002	5,401,683	10,339,105	14,708,700	18,390,198	18,239,916	20,456,997	21,764,844	21,646,043	21,785,822	21,955,660	21,938,772
6/30/2003	3,717,275	8,912,512	11,838,784	15,115,557	16,974,621	18,333,718	26,560,441	28,429,738	31,486,054	31,701,220	31,973,961
6/30/2004	3,778,642	7,726,404	12,748,547	17,609,344	20,842,648	21,335,642	21,403,475	22,324,598	22,604,006	22,646,623	22,838,667
6/30/2005	2,608,579	8,221,497	13,862,590	16,575,364	18,092,865	20,120,491	20,127,266	20,121,970	21,024,636	21,873,289	21,674,523
6/30/2006	2,890,103	9,269,805	13,618,927	16,824,871	18,538,911	19,828,055	23,516,426	24,761,008	27,145,345	29,774,640	29,884,447
6/30/2007	2,685,869	8,004,598	17,162,105	21,170,309	23,428,002	24,072,054	20,115,133	23,216,430	23,267,999	23,305,942	23,375,369
6/30/2008	2,197,786	6,856,535	10,010,733	14,033,819	14,754,889	15,667,508	16,438,838	17,097,936	17,179,925	17,415,676	
6/30/2009	3,033,885	8,076,223	12,260,077	17,890,615	24,232,901	26,826,802	27,544,902	28,030,021	28,384,649		
6/30/2010	3,438,840	12,289,133	20,196,586	22,377,249	26,987,323	30,584,926	32,550,863	34,259,807			
6/30/2011	4,679,771	13,995,074	21,089,851	26,546,427	31,394,426	33,731,831	35,507,037				
6/30/2012	3,686,335	11,299,526	16,257,281	27,866,619	29,207,288	32,624,982					
6/30/2013	3,278,564	9,722,375	14,021,467	19,355,444	22,868,223						
6/30/2014	4,657,918	12,097,148	18,134,724	18,932,227							
6/30/2015	4,961,520	10,361,066	17,255,286								
6/30/2016	5,327,620	11,350,573									
6/30/2017	4,159,370										

<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>
6/30/1998	43,448,339	43,461,436	43,469,878	43,558,985	44,903,386	44,861,111	45,083,448	45,054,933	45,049,832
6/30/1999	27,411,486	27,571,594	27,602,649	27,612,520	27,615,973	27,785,780	27,880,051	28,071,400	
6/30/2000	37,912,522	37,674,312	37,695,362	37,696,296	37,793,502	37,838,101	37,845,773		
6/30/2001	41,787,588	41,788,880	41,795,040	41,784,216	41,785,763	41,785,763			
6/30/2002	22,027,903	22,072,887	22,137,265	22,140,466	22,140,049				
6/30/2003	31,944,227	34,773,218	34,781,437	34,845,353					
6/30/2004	22,800,546	23,012,053	22,994,270						
6/30/2005	21,515,730	22,918,953							
6/30/2006	30,136,560								

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

A.Y.E.	Increments												
	27: 15	39: 27	51: 39	63: 51	75: 63	87: 75	99: 87	111: 99	123: 111	135: 123	147: 135	159:147	171:159
6/30/1998	12,153,072	12,904,313	-503,184	10,857,333	-1,992,860	3,168,643	842,415	167,800	-83,502	-529,224	90,373	13,097	8,442
6/30/1999	8,592,550	3,251,418	7,615,500	-129,647	712,829	213,455	728,896	905,637	-179,673	40,133	9,610	160,108	31,055
6/30/2000	3,913,042	10,754,596	1,879,340	2,370,034	2,051,116	2,637,952	2,054,698	2,613,867	2,616,364	-434,926	34,926	-238,210	21,050
6/30/2001	11,223,882	6,660,537	7,105,561	3,368,271	4,816,782	1,538,231	744,647	862,402	1,168,210	47,221	-43,232	1,292	6,160
6/30/2002	4,937,422	4,369,595	3,681,498	-150,282	2,217,081	1,307,847	-118,801	139,779	169,838	-16,888	89,131	44,984	64,378
6/30/2003	5,195,237	2,926,272	3,276,773	1,859,064	1,359,097	8,226,723	1,869,297	3,056,316	215,166	272,741	-29,734	2,828,991	8,219
6/30/2004	3,947,762	5,022,143	4,860,797	3,233,304	492,994	67,833	921,123	279,408	42,617	192,044	-38,121	211,507	-17,783
6/30/2005	5,612,918	5,641,093	2,712,774	1,517,501	2,027,626	6,775	-5,296	902,666	848,653	-198,766	-158,793	1,403,223	
6/30/2006	6,379,702	4,349,122	3,205,944	1,714,040	1,289,144	3,688,371	1,244,582	2,384,337	2,629,295	109,807	252,113		
6/30/2007	5,318,729	9,157,507	4,008,204	2,257,693	644,052	-3,956,921	3,101,297	51,569	37,943	69,427			
6/30/2008	4,658,749	3,154,198	4,023,086	721,070	912,619	771,330	659,098	81,989	235,751				
6/30/2009	5,042,338	4,183,854	5,630,538	6,342,286	2,593,901	718,100	485,119	354,628					
6/30/2010	8,850,293	7,907,453	2,180,663	4,610,074	3,597,603	1,965,937	1,708,944						
6/30/2011	9,315,303	7,094,777	5,456,576	4,847,999	2,337,405	1,775,206							
6/30/2012	7,613,191	4,957,755	11,609,338	1,340,669	3,417,694								
6/30/2013	6,443,811	4,299,092	5,333,977	3,512,779									
6/30/2014	7,439,230	6,037,576	797,503										
6/30/2015	5,399,546	6,894,220											
6/30/2016	6,022,953												

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
6/30/1998	0.2013	0.2137	-0.0083	0.1798	-0.0330	0.0525	0.0140	0.0028	-0.0014	-0.0088	0.0015	0.0002	0.0001
6/30/1999	0.2083	0.0788	0.1846	-0.0031	0.0173	0.0052	0.0177	0.0219	-0.0044	0.0010	0.0002	0.0039	0.0008
6/30/2000	0.0759	0.2087	0.0365	0.0460	0.0398	0.0512	0.0399	0.0507	0.0508	-0.0084	0.0007	-0.0046	0.0004
6/30/2001	0.1915	0.1136	0.1212	0.0575	0.0822	0.0262	0.0127	0.0147	0.0199	0.0008	-0.0007	0.0000	0.0001
6/30/2002	0.1425	0.1261	0.1062	-0.0043	0.0640	0.0377	-0.0034	0.0040	0.0049	-0.0005	0.0026	0.0013	0.0019
6/30/2003	0.2208	0.1244	0.1393	0.0790	0.0578	0.3496	0.0794	0.1299	0.0091	0.0116	-0.0013	0.1202	0.0003
6/30/2004	0.1293	0.1644	0.1592	0.1059	0.0161	0.0022	0.0302	0.0091	0.0014	0.0063	-0.0012	0.0069	-0.0006
6/30/2005	0.1648	0.1657	0.0797	0.0446	0.0595	0.0002	-0.0002	0.0265	0.0249	-0.0058	-0.0047	0.0412	
6/30/2006	0.1909	0.1301	0.0959	0.0513	0.0386	0.1104	0.0372	0.0713	0.0787	0.0033	0.0075		
6/30/2007	0.1488	0.2563	0.1122	0.0632	0.0180	-0.1107	0.0868	0.0014	0.0011	0.0019			
6/30/2008	0.1707	0.1155	0.1474	0.0264	0.0334	0.0283	0.0241	0.0030	0.0086				
6/30/2009	0.1817	0.1507	0.2029	0.2285	0.0935	0.0259	0.0175	0.0128					
6/30/2010	0.2940	0.2627	0.0724	0.1532	0.1195	0.0653	0.0568						
6/30/2011	0.3755	0.2860	0.2200	0.1954	0.0942	0.0716							
6/30/2012	0.3765	0.2452	0.5741	0.0663	0.1690								
6/30/2013	0.3008	0.2007	0.2490	0.1640									
6/30/2014	0.2851	0.2314	0.0306										
6/30/2015	0.2002	0.2556											
6/30/2016	0.2107												

Best 3/5	0.2655	0.2440	0.1805	0.1709	0.1024	0.0398	0.0394	0.0141	0.0117	0.0038	0.0000	0.0165	0.0003
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Multistate Review of ULAE Experience
General Liability Including CMP Liability
Loss Adjustment Expense Special Call
Calendar Years 2012 - 2016

<u>Item *</u>	<u>2012</u>	<u>2013</u>	<u>2014</u>	<u>2015</u>	<u>2016</u>	<u>2012 - 2016 Mean</u>
1. Direct Losses Incurred	\$18,480,140	\$18,521,277	\$19,140,390	\$24,110,646	\$25,085,478	
2. Allocated Loss Adjustment Expenses Incurred (ALAE)	\$5,270,137	\$5,080,420	\$4,727,492	\$5,601,664	\$4,581,304	
3. Unallocated Loss Adjustment Expenses Incurred (ULAE)	\$1,892,698	\$2,061,866	\$2,159,178	\$2,371,173	\$2,496,550	
4. Incurred Losses + ALAE [(1) + (2)]	\$23,750,277	\$23,601,697	\$23,867,882	\$29,712,310	\$29,666,781	
	<u>Incurred Percentage</u>					
5. Ratio of ULAE to (Losses + ALAE) [(3)/(4)]	8.0%	8.7%	9.0%	8.0%	8.4%	8.4%
6. Selected	8.5%					

Notes: All dollar amounts are displayed in thousands.

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

PREMISES / OPERATIONS
TREND SUMMARY
AVERAGE ANNUAL PERCENT CHANGES

(1) <u>EXPOSURE TREND</u>	<u>MANUFACTURERS</u>	<u>CONTRACTORS</u>	<u>OL&T</u> <u>CLASS GROUPS 1-13 *</u>	<u>OL&T</u> <u>CLASS GROUP 16</u>	<u>PREMISES/</u> <u>OPERATIONS</u>
a) 1/1/2015 to 1/1/2020 AYE 6/30/2015	+ 1.3%	+ 2.9%	+ 0.9%	+ 1.7%	+ 1.1%
b) 1/1/2016 to 1/1/2020 AYE 6/30/2016	+ 1.6%	+ 3.0%	+ 0.9%	+ 1.9%	+ 1.2%
c) 1/1/2017 to 1/1/2020 AYE 6/30/2017	+ 2.1%	+ 2.9%	+ 0.9%	+ 2.0%	+ 1.2%

	<u>MANUFACTURERS & CONTRACTORS</u>			<u>OWNERS, LANDLORDS & TENANTS</u>		
(2) <u>OCCURRENCE SEVERITY</u>	<u>Bodily</u> <u>Injury</u>	<u>Property</u> <u>Damage</u>	<u>Fringe</u>	<u>Bodily</u> <u>Injury</u>	<u>Property</u> <u>Damage</u>	<u>Fringe</u>
a) Fitted						
All Years (20 Points)	+ 4.4%	+ 3.7%	- 2.4%	+ 4.2%	+ 4.0%	+ 1.1%
Eight Year (16 Points)	+ 5.1%	+ 5.1%	- 1.3%	+ 3.8%	+ 4.7%	- 5.1%
Six Year (12 Points)	+ 5.6%	+ 4.9%	- 2.4%	+ 3.4%	+ 4.4%	- 10.3%
b) Selected	+ 4.5%	+ 4.0%	+ 0.5%	+ 4.0%	+ 4.5%	+ 2.5%

(3) <u>FREQUENCY TREND</u>	<u>M&C</u>	<u>OL&T</u>
Selected	- 0.5%	- 1.5%

(4) TOTAL ANNUAL NET TREND

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 6/30/2015, 6/30/2016 & 6/30/2017

(1) YEAR ENDING QUARTER*		(2) MANUFACTURERS CLASS GROUP SALES EXPOSURE INDICES	(3) CONTRACTORS CLASS GROUP PAYROLL EXPOSURE INDICES	(1) YEAR ENDING QUARTER*		(2) MANUFACTURERS CLASS GROUP SALES EXPOSURE INDICES	(3) CONTRACTORS CLASS GROUP PAYROLL EXPOSURE INDICES
2007	1	0.978	20.243	2014	1	1.037	24.295
	2	0.982	20.497		2	1.041	24.404
	3	0.984	20.718		3	1.044	24.527
	4	0.986	20.928		4	1.045	24.655
2008	1	0.984	21.143	2015	1	1.046	24.767
	2	0.980	21.357		2	1.047	24.913
	3	0.979	21.604		3	1.048	25.019
	4	0.981	21.880		4	1.049	25.174
2009	1	0.988	22.128	2016	1	1.050	25.317
	2	0.995	22.349		2	1.050	25.484
	3	0.999	22.502		3	1.049	25.742
	4	1.000	22.653		4	1.050	25.950
2010	1	0.996	22.806	2017	1	1.052	26.162
	2	0.993	22.928		2	1.052	26.325
	3	0.993	23.080		3	1.055	26.521
	4	0.996	23.208		4	1.056	26.707
2011	1	0.999	23.312	2018	1P	1.058	26.931
	2	1.004	23.427		2P	1.063	27.165
	3	1.009	23.556		3P	1.068	27.359
	4	1.012	23.638		4P	1.075	27.579
2012	1	1.016	23.715	2019	1P	1.083	27.777
	2	1.019	23.794		2P	1.092	27.979
	3	1.023	23.873		3P	1.101	28.181
	4	1.027	23.965		4P	1.108	28.378
2013	1	1.031	24.062	2020	1P	1.114	28.562
	2	1.033	24.140		2P	1.118	28.726
	3	1.034	24.167		3P	1.122	28.865
	4	1.036	24.208		4P	1.126	28.978

CHANGE IN EXPOSURES		MANUFACTURERS	CONTRACTORS
1/1/2015 to 1/1/2020	(2020:2/2015:2)	1.068	1.153
1/1/2016 to 1/1/2020	(2020:2/2016:2)	1.065	1.127
1/1/2017 to 1/1/2020	(2020:2/2017:2)	1.063	1.091

AVERAGE ANNUAL TREND FACTOR			
1/1/2015 to 1/1/2020	(5.0 YRS)	1.013	1.029
1/1/2016 to 1/1/2020	(4.0 YRS)	1.016	1.030
1/1/2017 to 1/1/2020	(3.0 YRS)	1.021	1.029

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

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

<u>TYPE OF CLASS</u>	<u>VOLUME</u> ²	<u>INFLATION TREND</u> ³
FURNITURE	16.2%	-2.3%
OTHER DURABLES	6.0%	0.2%
CLOTHING	10.3%	0.0%
FOOD	39.4%	1.6%
OTHER NON-DURABLES	28.1%	2.1%
TOTAL	100.0%	0.9% ⁴

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

² Volume weights are based on each type of class's inflation-adjusted contribution to GDP in year ending 6/30/2017. Inflation adjusted GDP is measured in terms of 2009 prices.

³ Inflation trends are based on average annual growth rates in consumption components starting 2015 to 2020.

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

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

YEAR ENDING QUARTER		FURNITURE	OTHER DURABLE GOODS	CLOTHING AND SHOES	FOOD AND BEVERAGES	OTHER NONDURABLE GOODS	YEAR ENDING QUARTER		FURNITURE	OTHER DURABLE GOODS	CLOTHING AND SHOES	FOOD AND BEVERAGES	OTHER NONDURABLE GOODS
2007	1	1.061	0.941	1.010	0.902	0.924	2014	1	0.851	1.036	1.054	1.088	1.058
	2	1.058	0.947	1.007	0.910	0.927		2	0.841	1.031	1.056	1.093	1.062
	3	1.053	0.952	1.003	0.919	0.929		3	0.833	1.027	1.057	1.099	1.065
	4	1.045	0.957	0.999	0.929	0.934		4	0.825	1.022	1.056	1.106	1.070
2008	1	1.039	0.963	0.996	0.940	0.938	2015	1	0.817	1.017	1.053	1.113	1.075
	2	1.031	0.972	0.993	0.951	0.944		2	0.811	1.010	1.050	1.118	1.079
	3	1.025	0.981	0.994	0.965	0.950		3	0.804	1.003	1.046	1.123	1.082
	4	1.022	0.989	0.991	0.979	0.956		4	0.799	0.996	1.043	1.126	1.084
2009	1	1.018	0.994	0.991	0.991	0.963	2016	1	0.793	0.996	1.041	1.129	1.087
	2	1.016	0.996	0.994	0.999	0.975		2	0.784	1.000	1.041	1.132	1.089
	3	1.009	0.997	0.996	1.001	0.988		3	0.776	1.003	1.040	1.133	1.094
	4	1.000	1.000	1.000	1.000	1.000		4	0.766	1.008	1.039	1.133	1.100
2010	1	0.989	1.001	1.002	1.000	1.010	2017	1	0.758	1.012	1.041	1.134	1.104
	2	0.975	1.002	1.000	1.001	1.014		2	0.751	1.012	1.039	1.136	1.108
	3	0.962	1.003	0.997	1.004	1.017		3	0.745	1.012	1.037	1.140	1.111
	4	0.950	1.004	0.993	1.007	1.020		4	0.740	1.012	1.034	1.144	1.112
2011	1	0.938	1.011	0.991	1.012	1.022	2018	1P	0.733	1.009	1.031	1.148	1.115
	2	0.929	1.020	0.993	1.020	1.026		2P	0.730	1.008	1.031	1.152	1.120
	3	0.923	1.028	1.000	1.030	1.030		3P	0.726	1.010	1.032	1.157	1.126
	4	0.917	1.036	1.011	1.041	1.035		4P	0.725	1.012	1.035	1.164	1.135
2012	1	0.912	1.042	1.022	1.050	1.040	2019	1P	0.725	1.014	1.037	1.172	1.145
	2	0.907	1.044	1.034	1.058	1.045		2P	0.725	1.016	1.039	1.179	1.156
	3	0.900	1.044	1.040	1.063	1.050		3P	0.726	1.019	1.042	1.188	1.167
	4	0.894	1.042	1.046	1.068	1.053		4P	0.725	1.021	1.045	1.195	1.177
2013	1	0.887	1.041	1.051	1.072	1.054	2020	1P	0.724	1.022	1.047	1.203	1.187
	2	0.878	1.041	1.051	1.076	1.055		2P	0.723	1.022	1.049	1.210	1.196
	3	0.869	1.042	1.054	1.081	1.056		3P	0.720	1.021	1.051	1.217	1.205
	4	0.861	1.040	1.054	1.084	1.056		4P	0.717	1.021	1.053	1.224	1.213
Change In Exposures*							Average Annual Trend Factor						
1/1/2015 to 1/1/2020 (2020:2/2015:2)							1/1/2015 to 1/1/2020 (5.0 Years)						
		0.891	1.011	1.000	1.082	1.109			-2.3%	0.2%	0.0%	1.6%	2.1%

*Assumes a loss cost revision date of January 1, 2019, and a prospective average date of coverage one year later (January 1, 2020).

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PREMISES/OPERATIONS
GOVERNMENTAL SUBDIVISIONS
OWNERS, LANDLORDS AND TENANTS
AVERAGE ANNUAL EXPOSURE TRENDS
FOR ACCIDENT YEARS ENDING 6/30/2015, 6/30/2016 & 6/30/2017

(1) YEAR ENDING QUARTER			(2) YEARLY VALUES BASED ON MOODY'S ANALYTICS EXPOSURE MODEL, HISTORY AND FORECASTS @			(1) YEAR ENDING QUARTER			(2) YEARLY VALUES BASED ON MOODY'S ANALYTICS EXPOSURE MODEL, HISTORY AND FORECASTS @		
2007	1		0.919			2014	1		1.107		
	2		0.930				2		1.113		
	3		0.942				3		1.120		
	4		0.954				4		1.125		
2008	1		0.966			2015	1		1.126		
	2		0.980				2		1.128		
	3		0.994				3		1.130		
	4		1.003				4		1.132		
2009	1		1.005			2016	1		1.134		
	2		1.004				2		1.136		
	3		1.000				3		1.139		
	4		1.000				4		1.142		
2010	1		1.005			2017	1		1.149		
	2		1.012				2		1.156		
	3		1.019				3		1.163		
	4		1.027				4		1.173		
2011	1		1.035			2018	1P		1.180		
	2		1.044				2P		1.186		
	3		1.053				3P		1.192		
	4		1.059				4P		1.196		
2012	1		1.066			2019	1P		1.200		
	2		1.070				2P		1.205		
	3		1.074				3P		1.210		
	4		1.080				4P		1.215		
2013	1		1.085			2020	1P		1.221		
	2		1.090				2P		1.225		
	3		1.096				3P		1.230		
	4		1.101				4P		1.234		
CHANGE IN EXPOSURES						AVERAGE ANNUAL TREND FACTOR					
1/1/2015 to 1/1/2020		(2020:2/2015:2)	1.086	1/1/2015 to 1/1/2020		(5.0 YRS)	1.017				
1/1/2016 to 1/1/2020		(2020:2/2016:2)	1.079	1/1/2016 to 1/1/2020		(4.0 YRS)	1.019				
1/1/2017 to 1/1/2020		(2020:2/2017:2)	1.060	1/1/2017 to 1/1/2020		(3.0 YRS)	1.020				

* 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 2009 dollars.

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

(1) Accident Year <u>Ending</u>	(2) Basic Limit Paid <u>Losses *</u>	(3) Occurrences at <u>Ultimate</u>	(4) (2)/(3) Actual Severity	(5) Exponential Curve of Best Fit to Col (4)		
				<u>10 Year</u>	<u>8 Year</u>	<u>6 Year</u>
12/31/2007	\$ 238,888,185	4,786	\$ 49,914	\$ 48,554		
6/30/2008	245,256,005	4,720	51,961	49,607		
12/31/2008	243,586,737	4,620	52,724	50,683		
6/30/2009	243,595,178	4,698	51,851	51,782		
12/31/2009	254,488,106	4,771	53,341	52,904	\$ 51,164	
6/30/2010	262,107,132	4,915	53,328	54,052	52,457	
12/31/2010	261,241,708	4,984	52,416	55,223	53,783	
6/30/2011	284,913,437	5,161	55,205	56,421	55,142	
12/31/2011	291,234,469	5,017	58,050	57,644	56,535	\$ 55,623
6/30/2012	259,079,512	4,400	58,882	58,894	57,963	57,168
12/31/2012	242,372,954	4,194	57,790	60,171	59,428	58,756
6/30/2013	250,024,014	4,269	58,567	61,476	60,929	60,388
12/31/2013	253,225,247	4,256	59,498	62,808	62,469	62,066
6/30/2014	287,732,356	4,594	62,632	64,170	64,047	63,790
12/31/2014	272,580,355	4,055	67,221	65,562	65,665	65,562
6/30/2015	253,447,771	3,676	68,947	66,983	67,325	67,384
12/31/2015	224,832,913	3,475	64,700	68,435	69,026	69,256
6/30/2016	219,864,855	3,137	70,088	69,919	70,770	71,180
12/31/2016	215,004,260	2,787	77,145	71,435	72,558	73,157
6/30/2017	225,995,248	2,952	76,557	72,984	74,391	75,189
Goodness of Fit Statistic, R-Squared:				0.915	0.918	0.876
Average Annual Severity Trend (10 yr)				+ 4.4%		
Average Annual Severity Trend (8 yr)				+ 5.1%		
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
MANUFACTURERS AND CONTRACTORS
Calculation of Annual Trend Factor
Based on Average Occurrence Severity
Full Coverage Occurrence Data
Monoline and Multiline Combined
Property Damage

(1) Accident Year <u>Ending</u>	(2) Basic Limit Paid <u>Losses *</u>	(3) Occurrences at <u>Ultimate</u>	(4) (2)/(3) Actual Severity	(5) Exponential Curve of Best Fit to Col (4)		
				<u>10 Year</u>	<u>8 Year</u>	<u>6 Year</u>
12/31/2007	\$ 193,888,777	17,886	\$ 10,840	\$ 10,045		
6/30/2008	200,733,317	18,070	11,109	10,231		
12/31/2008	204,334,789	18,694	10,931	10,420		
6/30/2009	197,139,105	18,538	10,634	10,612		
12/31/2009	191,028,633	17,994	10,616	10,809	\$ 10,160	
6/30/2010	193,052,682	18,581	10,390	11,008	10,416	
12/31/2010	197,568,066	19,149	10,317	11,212	10,678	
6/30/2011	200,669,070	19,176	10,465	11,419	10,946	
12/31/2011	209,826,492	19,043	11,019	11,630	11,221	\$ 11,323
6/30/2012	200,790,611	18,428	10,896	11,845	11,503	11,595
12/31/2012	212,509,699	17,436	12,188	12,064	11,792	11,874
6/30/2013	217,747,750	16,882	12,898	12,287	12,089	12,159
12/31/2013	201,878,976	15,879	12,714	12,514	12,392	12,452
6/30/2014	202,074,117	15,516	13,024	12,745	12,704	12,751
12/31/2014	204,051,689	15,489	13,174	12,981	13,023	13,057
6/30/2015	200,559,568	15,319	13,092	13,221	13,350	13,371
12/31/2015	206,781,260	15,335	13,484	13,465	13,686	13,692
6/30/2016	216,947,604	15,314	14,167	13,714	14,030	14,021
12/31/2016	216,715,671	14,985	14,462	13,968	14,383	14,358
6/30/2017	220,315,259	15,405	14,302	14,226	14,744	14,703
Goodness of Fit Statistic, R-Squared:				0.821	0.926	0.877
Average Annual Severity Trend (10 yr)				+ 3.7%		
Average Annual Severity Trend (8 yr)				+ 5.1%		
Average Annual Severity Trend (6 yr)				+ 4.9%		
Selected Annual Severity Trend				+ 4.0%		

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

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

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

(1) Accident Year <u>Ending</u>	(2) Basic Limit Paid <u>Losses *</u>	(3) Occurrences at <u>Ultimate</u>	(4) (2)/(3) Actual Severity	(5) Exponential Curve of Best Fit to Col (4)		
				<u>10 Year</u>	<u>8 Year</u>	<u>6 Year</u>
12/31/2007	\$ 22,382,284	554	\$ 40,401	\$ 43,787		
6/30/2008	22,629,024	483	46,851	43,259		
12/31/2008	23,168,158	475	48,775	42,737		
6/30/2009	22,840,192	497	45,956	42,222		
12/31/2009	25,721,161	563	45,686	41,712	\$ 39,474	
6/30/2010	24,196,688	640	37,807	41,209	39,215	
12/31/2010	19,717,018	621	31,750	40,713	38,958	
6/30/2011	19,772,334	540	36,615	40,222	38,702	
12/31/2011	19,688,585	539	36,528	39,737	38,449	\$ 40,177
6/30/2012	19,204,108	515	37,290	39,257	38,197	39,686
12/31/2012	20,348,176	501	40,615	38,784	37,946	39,201
6/30/2013	18,834,994	474	39,736	38,316	37,697	38,722
12/31/2013	20,128,726	504	39,938	37,854	37,450	38,249
6/30/2014	21,835,072	545	40,064	37,398	37,204	37,782
12/31/2014	21,255,902	546	38,930	36,947	36,961	37,320
6/30/2015	21,037,433	576	36,523	36,501	36,718	36,864
12/31/2015	24,865,219	617	40,300	36,061	36,477	36,414
6/30/2016	22,019,215	669	32,914	35,626	36,238	35,969
12/31/2016	29,752,380	693	42,933	35,197	36,001	35,529
6/30/2017	17,217,146	624	27,592	34,772	35,765	35,095
Goodness of Fit Statistic, R-Squared:				0.274	0.066	0.139
Average Annual Severity Trend (10 yr)				- 2.4%		
Average Annual Severity Trend (8 yr)				- 1.3%		
Average Annual Severity Trend (6 yr)				- 2.4%		
Selected Annual Severity Trend				+ 0.5%		

* 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
Bodily Injury

(1) Accident Year <u>Ending</u>	(2) Basic Limit Paid <u>Losses *</u>	(3) Occurrences at <u>Ultimate</u>	(4) (2)/(3) Actual Severity	(5) Exponential Curve of Best Fit to Col (4)		
				<u>10 Year</u>	<u>8 Year</u>	<u>6 Year</u>
12/31/2007	\$ 611,247,156	21,143	\$ 28,910	\$ 29,676		
6/30/2008	618,362,306	20,823	29,696	30,290		
12/31/2008	606,258,768	20,150	30,087	30,916		
6/30/2009	642,710,279	20,071	32,022	31,555		
12/31/2009	668,017,292	20,604	32,422	32,207	\$ 32,786	
6/30/2010	696,683,120	21,184	32,887	32,872	33,400	
12/31/2010	723,310,736	21,477	33,678	33,552	34,026	
6/30/2011	759,397,895	21,819	34,804	34,245	34,664	
12/31/2011	739,339,764	20,982	35,237	34,953	35,313	\$ 35,805
6/30/2012	677,346,230	18,598	36,420	35,675	35,975	36,403
12/31/2012	640,492,479	17,764	36,056	36,413	36,649	37,010
6/30/2013	679,092,390	18,287	37,135	37,165	37,336	37,628
12/31/2013	692,334,550	18,429	37,568	37,933	38,036	38,256
6/30/2014	758,377,690	19,094	39,718	38,717	38,749	38,894
12/31/2014	734,169,668	18,024	40,733	39,517	39,475	39,544
6/30/2015	721,379,049	17,262	41,790	40,334	40,215	40,204
12/31/2015	737,739,436	16,861	43,754	41,168	40,969	40,875
6/30/2016	708,740,476	16,113	43,986	42,019	41,737	41,557
12/31/2016	609,142,546	16,057	37,936	42,887	42,519	42,250
6/30/2017	710,761,205	17,110	41,541	43,773	43,316	42,956
Goodness of Fit Statistic, R-Squared:				0.904	0.818	0.612
Average Annual Severity Trend (10 yr)				+ 4.2%		
Average Annual Severity Trend (8 yr)				+ 3.8%		
Average Annual Severity Trend (6 yr)				+ 3.4%		
Selected Annual Severity Trend				+ 4.0%		

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

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

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

(1) Accident Year <u>Ending</u>	(2) Basic Limit Paid <u>Losses *</u>	(3) Occurrences at <u>Ultimate</u>	(4) (2)/(3) Actual Severity	(5) Exponential Curve of Best Fit to Col (4)		
				<u>10 Year</u>	<u>8 Year</u>	<u>6 Year</u>
12/31/2007	\$ 73,682,032	8,838	\$ 8,337	\$ 8,199		
6/30/2008	80,903,668	9,003	8,986	8,360		
12/31/2008	83,250,338	9,114	9,134	8,525		
6/30/2009	75,835,512	9,164	8,275	8,693		
12/31/2009	82,424,823	9,255	8,906	8,865	\$ 8,577	
6/30/2010	86,626,184	9,641	8,985	9,039	8,777	
12/31/2010	84,472,393	9,946	8,493	9,218	8,981	
6/30/2011	87,764,947	10,086	8,702	9,399	9,190	
12/31/2011	93,497,377	9,898	9,446	9,585	9,404	\$ 9,523
6/30/2012	86,783,954	9,200	9,433	9,774	9,623	9,730
12/31/2012	87,931,748	8,761	10,037	9,966	9,847	9,941
6/30/2013	89,302,500	8,708	10,255	10,163	10,076	10,157
12/31/2013	85,319,259	8,353	10,214	10,363	10,311	10,377
6/30/2014	86,627,337	8,347	10,378	10,567	10,551	10,603
12/31/2014	86,760,434	8,203	10,577	10,776	10,797	10,833
6/30/2015	97,570,836	7,882	12,379	10,988	11,048	11,068
12/31/2015	94,814,734	7,941	11,940	11,205	11,305	11,309
6/30/2016	91,979,404	8,065	11,405	11,426	11,568	11,554
12/31/2016	95,545,710	8,015	11,921	11,651	11,837	11,805
6/30/2017	91,915,593	8,272	11,112	11,881	12,113	12,061
Goodness of Fit Statistic, R-Squared:				0.832	0.843	0.726
Average Annual Severity Trend (10 yr)				+ 4.0%		
Average Annual Severity Trend (8 yr)				+ 4.7%		
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).

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

(1) Accident Year <u>Ending</u>	(2) Basic Limit Paid <u>Losses *</u>	(3) Occurrences at <u>Ultimate</u>	(4) (2)/(3) Actual Severity	(5) Exponential Curve of Best Fit to Col (4)		
				<u>10 Year</u>	<u>8 Year</u>	<u>6 Year</u>
12/31/2007	\$ 26,901,280	653	\$ 41,196	\$ 62,713		
6/30/2008	25,726,123	575	44,741	63,068		
12/31/2008	25,854,143	517	50,008	63,425		
6/30/2009	34,441,375	543	63,428	63,784		
12/31/2009	42,309,011	567	74,619	64,145	\$ 86,578	
6/30/2010	43,587,572	599	72,767	64,508	84,360	
12/31/2010	36,370,607	572	63,585	64,873	82,198	
6/30/2011	45,218,829	522	86,626	65,240	80,092	
12/31/2011	49,850,962	479	104,073	65,609	78,040	\$ 95,002
6/30/2012	38,939,421	399	97,593	65,980	76,041	89,961
12/31/2012	34,118,895	381	89,551	66,354	74,093	85,188
6/30/2013	30,613,112	416	73,589	66,729	72,195	80,668
12/31/2013	36,364,468	454	80,098	67,107	70,345	76,388
6/30/2014	36,168,642	500	72,337	67,486	68,543	72,335
12/31/2014	30,519,286	547	55,794	67,868	66,787	68,497
6/30/2015	34,689,148	636	54,543	68,252	65,076	64,863
12/31/2015	45,136,087	755	59,783	68,639	63,408	61,421
6/30/2016	40,118,101	744	53,922	69,027	61,784	58,162
12/31/2016	46,618,893	776	60,076	69,418	60,201	55,076
6/30/2017	41,040,660	634	64,733	69,811	58,659	52,154
Goodness of Fit Statistic, R-Squared:				0.018	0.357	0.725
Average Annual Severity Trend (10 yr)				+ 1.1%		
Average Annual Severity Trend (8 yr)				- 5.1%		
Average Annual Severity Trend (6 yr)				- 10.3%		
Selected Annual Severity Trend				+ 2.5%		

* 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).

PREMISES/OPERATIONS
MANUFACTURERS AND CONTRACTORS

FREQUENCY TREND INCLUDING FRINGE OCCURRENCES¹

MULTISTATE

Manual Classes (Full and Deductible Coverage)

Monoline and Multiline Combined

CGL Policies Only

Bodily Injury and Property Damage Combined

(1) Accident Year <u>Ending</u>	(2) Aggregate Loss Costs at <u>Current Level</u>	(3) Occurrences at <u>Ultimate</u> ¹	(4) Occurrence Frequency <u>(3)/(2)</u> ²
6/30/2004	\$ 676,651,916	28,385	41.95
6/30/2005	745,342,046	28,327	38.01
6/30/2006	774,015,549	28,648	37.01
6/30/2007	805,834,165	29,766	36.94
6/30/2008	809,853,559	29,525	36.46
6/30/2009	831,737,558	30,397	36.55
6/30/2010	798,632,275	29,975	37.53
6/30/2011	812,067,664	30,606	37.69
6/30/2012	829,469,258	29,583	35.66
6/30/2013	817,325,575	28,635	35.03
6/30/2014	824,995,630	29,509	35.77
6/30/2015	848,716,923	28,079	33.08
6/30/2016	865,446,028	28,386	32.80
6/30/2017	873,566,770	27,983	32.03

Selected Annual Frequency Trend: - 0.5%

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

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

PREMISES/OPERATIONS
OWNERS, LANDLORDS AND TENANTS

FREQUENCY TREND INCLUDING FRINGE OCCURRENCES¹

MULTISTATE

Manual Classes (Full and Deductible Coverage)

Monoline and Multiline Combined

CGL Policies Only

Bodily Injury and Property Damage Combined

(1) Accident Year <u>Ending</u>	(2) Aggregate Loss Costs at <u>Current Level</u>	(3) Occurrences <u>at Ultimate¹</u>	(4) Occurrence Frequency <u>(3)/(2)²</u>
6/30/2004	\$ 804,756,549	35,019	43.52
6/30/2005	835,317,533	33,137	39.67
6/30/2006	854,588,744	31,383	36.72
6/30/2007	888,748,075	31,854	35.84
6/30/2008	932,519,722	31,430	33.70
6/30/2009	1,052,996,026	32,842	31.19
6/30/2010	1,111,467,581	33,565	30.20
6/30/2011	1,152,321,298	33,902	29.42
6/30/2012	1,159,556,041	29,874	25.76
6/30/2013	1,154,400,287	29,497	25.55
6/30/2014	1,145,389,759	30,591	26.71
6/30/2015	1,185,904,870	28,709	24.21
6/30/2016	1,236,842,009	28,108	22.73
6/30/2017	1,270,521,266	30,071	23.67

Selected Annual Frequency Trend: - 1.5%

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

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

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

*Base Class

CLASS GROUP 01

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

CLASS GROUP 02

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

CLASS GROUP 03

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

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

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

CLASS GROUP 04

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

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

*Base Class

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

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

*Base Class

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

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

CLASS GROUP 14

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

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

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

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

CLASS GROUP 16

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

*

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

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

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

*Base Class

CLASS GROUP 32 (cont'd)

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

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

CLASS GROUP 33

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

*

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

CLASS GROUP 34

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

*

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

*Base Class

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

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

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

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

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

*

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

*Base Class

CLASS GROUP 38

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

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

CLASS GROUP 39

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

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

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

CLASS EXCEPTIONS

The following class exceptions apply by state:

Class Group 10

47469 Not valid for New Jersey

Class Group 13

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

Class Group 14

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

Class Group 32

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

Class Group 33

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

Class Group 35

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

Class Group 38

41620 Not valid for New York

Class Group 39

93169 Valid only for Louisiana

SECTION F
SUPPORTING MATERIAL -- PRODUCTS
TABLE OF CONTENTS

• Calculation of Aggregate Loss Costs at Current Level and Incurred Losses	F-2-4
• Implicit Package Modification Factors	F-5
• Multistate Exposure Development	F-6
• Table of Contents - Loss Development	F-7
• Loss Development Data	F-8-21
• Multistate Review of ULAE Experience	F-22
• Trend Summary	F-23
• Trend Data	F-24-27
• Class Groups and Calculation of Proposed Class Loss Costs	F-28-40

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	12/31/2014	\$34,696,411	1.000		1.062				\$36,847,588
	12/31/2015	39,434,431	0.999		1.056				41,601,116
	12/31/2016	42,873,167	1.016		1.058				46,085,568
MULTILINE	12/31/2014	\$111,470,156	1.000		1.062		0.815		\$96,480,764
	12/31/2015	115,255,604	0.999		1.057		0.815		99,188,229
	12/31/2016	117,031,637	1.016		1.060		0.815		102,721,289
TOTAL	12/31/2014								\$133,328,352
	12/31/2015								140,789,345
	12/31/2016								148,806,857

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

AGGREGATE LOSS COSTS AT CURRENT LEVEL HAVE BEEN TRENDED FROM AN AVERAGE DATE OF COVERAGE TO ONE YEAR BEYOND AN ASSUMED EFFECTIVE DATE OF 07/01/2018 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	12/31/2014	\$15,657,809		1.027		1.085		1.131		0.951		\$18,766,112
		12/31/2015	11,386,067		1.317		1.085		1.104		0.961		17,261,626
		12/31/2016	7,088,442		1.858		1.085		1.077		0.970		14,928,414
BI	ALAE	12/31/2014	\$22,037,385				1.085		1.131		0.951		\$25,717,747
		12/31/2015	20,842,945				1.085		1.104		0.961		23,992,819
		12/31/2016	18,553,212				1.085		1.077		0.970		21,029,855
PD	B/L INDEMNITY	12/31/2014	\$20,506,399		1.226		1.085		1.370		0.951		\$35,539,449
		12/31/2015	18,861,495		1.318		1.085		1.286		0.961		33,333,861
		12/31/2016	17,037,281		1.482		1.085		1.208		0.970		32,100,877
PD	ALAE	12/31/2014	\$33,970,488				1.085		1.370		0.951		\$48,021,156
		12/31/2015	28,925,175				1.085		1.286		0.961		38,785,562
		12/31/2016	36,890,878				1.085		1.208		0.970		46,901,572
	TOTAL												
	FULL COVERAGE	12/31/2014											\$128,044,464
		12/31/2015											113,373,868
		12/31/2016											114,960,718

* 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	12/31/2014	\$1,894,399		1.071		1.085		1.131		0.951		\$2,367,739
		12/31/2015	1,769,836		1.261		1.085		1.104		0.961		2,569,037
		12/31/2016	1,128,896		1.855		1.085		1.077		0.970		2,373,641
BI	ALAE	12/31/2014	\$4,042,551				1.085		1.131		0.951		\$4,717,679
		12/31/2015	5,316,555				1.085		1.104		0.961		6,120,015
		12/31/2016	3,288,835				1.085		1.077		0.970		3,727,857
PD	B/L INDEMNITY	12/31/2014	\$4,458,009		1.136		1.085		1.370		0.951		\$7,158,963
		12/31/2015	2,913,796		1.189		1.085		1.286		0.961		4,645,528
		12/31/2016	2,871,212		1.263		1.085		1.208		0.970		4,610,383
PD	ALAE	12/31/2014	\$6,161,495				1.085		1.370		0.951		\$8,709,975
		12/31/2015	4,778,589				1.085		1.286		0.961		6,407,576
		12/31/2016	5,757,888				1.085		1.208		0.970		7,320,346
	TOTAL DED COVERAGE	12/31/2014											\$22,954,355
		12/31/2015											19,742,156
		12/31/2016											18,032,227
	TOTAL	12/31/2014											\$150,998,819
		12/31/2015											133,116,024
		12/31/2016											132,992,946

* 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	0.812
35	Not Applicable	--
36	Service Policy	0.891
37	Industrial/Processing Policy	0.812
38	Not Applicable	--

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

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

MULTISTATE
PRODUCTS

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

Accident Year Ending	15 Months	27 Months	39 Months	51 Months	63 Months	75 Months	87 Months	99 Months
12/31/2009	302,144,293	298,318,912	298,099,597	298,069,835	298,041,540	298,041,459	298,041,464	298,041,464
12/31/2010	301,700,678	307,323,218	307,164,637	307,165,680	307,162,675	307,147,793	307,146,429	
12/31/2011	314,742,602	322,389,616	322,187,529	322,169,341	322,187,119	322,190,988		
12/31/2012	333,146,633	340,243,697	340,078,028	340,089,200	340,111,214			
12/31/2013	353,555,852	356,926,445	356,523,222	356,512,294				
12/31/2014	371,586,701	379,197,118	379,048,620					
12/31/2015	379,791,923	381,897,580						
12/31/2016	371,306,469							

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>
12/31/2009	0.987	0.999	1.000	1.000	1.000	1.000	1.000
12/31/2010	1.019	0.999	1.000	1.000	1.000	1.000	
12/31/2011	1.024	0.999	1.000	1.000	1.000		
12/31/2012	1.021	1.000	1.000	1.000			
12/31/2013	1.010	0.999	1.000				
12/31/2014	1.020	1.000					
12/31/2015	1.006						
12/31/2016							

Average Best 3 of 5

<u>27:15</u>	<u>39:27</u>
1.017	0.999

Accident Year Ending	Exposure Development From <u>27:15</u>	<u>39:27</u>	<u>ULT:39</u>	<u>Factor</u>
12/31/2014			1.000	1.000
12/31/2015		0.999	1.000	0.999
12/31/2016	1.017	0.999	1.000	1.016

MULTISTATE PRODUCTS LOSS DEVELOPMENT DATA

TABLE OF CONTENTS

• Bodily Injury Indemnity - Full Coverage	F-8-9
• Bodily Injury Indemnity - Deductible Coverage	F-10-11
• Bodily Injury ALAE	F-12-14
• Property Damage Indemnity - Full Coverage	F-15-16
• Property Damage Indemnity - Deductible Coverage	F-17-18
• Property Damage ALAE	F-19-21

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

\$100,000 Basic Limit Losses as of:											
A.Y.E.	15 Months	27 Months	39 Months	51 Months	63 Months	75 Months	87 Months	99 Months	111 Months	123 Months	135 Months
12/31/1997	10,683,172	15,373,635	18,708,359	20,483,563	20,399,282	20,506,084	20,551,412	20,792,226	21,939,826	21,728,814	21,944,855
12/31/1998	6,536,565	11,619,157	16,112,006	17,263,785	16,566,972	16,240,124	16,703,835	17,869,715	17,830,499	18,068,333	18,117,453
12/31/1999	8,023,675	13,515,621	17,514,442	20,208,197	20,324,209	20,305,368	20,181,222	19,775,924	20,298,906	20,533,236	20,373,584
12/31/2000	7,770,132	11,067,182	14,727,768	16,706,980	16,380,419	16,231,969	16,901,439	16,268,989	16,166,444	16,274,945	16,177,956
12/31/2001	8,431,596	12,759,813	16,488,397	17,236,357	18,051,483	17,668,130	17,964,183	18,330,784	18,000,514	17,847,202	18,167,384
12/31/2002	7,249,176	11,218,596	15,084,629	16,878,783	16,374,186	15,480,140	15,237,862	15,001,330	14,996,471	15,024,542	15,314,641
12/31/2003	7,525,041	12,460,199	15,318,957	15,982,639	15,271,559	14,594,803	14,302,535	14,766,813	15,085,645	15,274,756	15,245,236
12/31/2004	7,408,812	11,425,242	15,008,123	16,761,754	16,171,517	14,987,670	14,986,380	14,865,828	15,227,640	15,339,820	15,341,398
12/31/2005	9,153,300	10,943,559	14,255,893	14,014,929	14,321,349	14,388,998	14,216,860	14,443,703	14,213,223	14,138,197	14,091,474
12/31/2006	8,268,452	13,161,254	17,375,269	17,630,367	16,964,512	17,219,609	17,136,211	17,343,718	17,597,982	17,542,815	17,184,585
12/31/2007	10,005,711	15,550,581	19,082,331	19,983,307	19,869,684	20,022,632	19,506,827	19,508,378	19,290,304	19,184,602	
12/31/2008	9,941,273	14,699,982	17,664,017	18,384,399	20,090,720	18,710,814	18,493,939	18,312,768	18,344,275		
12/31/2009	11,633,475	14,679,608	17,440,121	17,454,242	17,265,361	17,298,123	17,152,362	17,234,185			
12/31/2010	11,724,566	16,063,050	17,662,078	18,165,680	18,266,215	16,881,134	16,632,381				
12/31/2011	9,661,001	13,099,428	16,282,520	16,477,279	15,821,069	15,609,735					
12/31/2012	9,618,139	14,298,628	18,361,789	18,618,637	18,827,184						
12/31/2013	7,274,236	11,030,675	15,105,561	16,054,057							
12/31/2014	8,059,071	11,190,698	14,790,714								
12/31/2015	7,800,188	10,456,467									
12/31/2016	6,818,393										

A.Y.E.	147 Months	159 Months	171 Months	183 Months	195 Months	207 Months	219 Months	231 Months	243 Months
12/31/1997	21,980,652	21,650,878	21,524,069	21,635,784	21,683,498	21,638,481	21,760,133	21,731,288	21,757,890
12/31/1998	17,843,070	17,835,748	17,996,232	18,125,298	18,150,555	18,372,023	18,400,626	18,511,736	
12/31/1999	20,305,650	20,202,253	20,301,026	20,536,651	21,268,057	21,469,385	21,522,933		
12/31/2000	16,188,983	16,340,943	16,391,130	16,588,633	16,831,765	16,881,748			
12/31/2001	18,485,456	18,588,582	18,816,594	19,144,048	19,083,071				
12/31/2002	15,781,302	15,464,739	15,579,518	15,256,186					
12/31/2003	15,262,074	15,436,455	15,357,011						
12/31/2004	15,209,493	15,099,484							
12/31/2005	13,983,567								

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
12/31/1997	1.439	1.217	1.095	0.996	1.005	1.002	1.012	1.055	0.990	1.010	1.002
12/31/1998	1.778	1.387	1.071	0.960	0.980	1.029	1.070	0.998	1.013	1.003	0.985
12/31/1999	1.684	1.296	1.154	1.006	0.999	0.994	0.980	1.026	1.012	0.992	0.997
12/31/2000	1.424	1.331	1.134	0.980	0.991	1.041	0.963	0.994	1.007	0.994	1.001
12/31/2001	1.513	1.292	1.045	1.047	0.979	1.017	1.020	0.982	0.991	1.018	1.018
12/31/2002	1.548	1.345	1.119	0.970	0.945	0.984	0.984	1.000	1.002	1.019	1.030
12/31/2003	1.656	1.229	1.043	0.956	0.956	0.980	1.032	1.022	1.013	0.998	1.001
12/31/2004	1.542	1.314	1.117	0.965	0.927	1.000	0.992	1.024	1.007	1.000	0.991
12/31/2005	1.196	1.303	0.983	1.022	1.005	0.988	1.016	0.984	0.995	0.997	0.992
12/31/2006	1.592	1.320	1.015	0.962	1.015	0.995	1.012	1.015	0.997	0.980	
12/31/2007	1.554	1.227	1.047	0.994	1.008	0.974	1.000	0.989	0.995		
12/31/2008	1.479	1.202	1.041	1.093	0.931	0.988	0.990	1.002			
12/31/2009	1.262	1.188	1.001	0.989	1.002	0.992	1.005				
12/31/2010	1.370	1.100	1.029	1.006	0.924	0.985					
12/31/2011	1.356	1.243	1.012	0.960	0.987						
12/31/2012	1.487	1.284	1.014	1.011							
12/31/2013	1.516	1.369	1.063								
12/31/2014	1.389	1.322									
12/31/2015	1.341										
3 Yr Mean	1.415	1.325	1.030	0.992	0.971	0.988	0.998	1.002	0.996	0.992	0.995
Best 3/5	1.411	1.283	1.018	1.002	0.973	0.988	1.006	1.002	1.000	0.998	1.004

A.Y.E.	159:147	171:159	183:171	195:183	207:195	219:207	231:219	243:231			
12/31/1997	0.985	0.994	1.005	1.002	0.998	1.006	0.999	1.001			
12/31/1998	1.000	1.009	1.007	1.001	1.012	1.002	1.006	1.001 *			
12/31/1999	0.995	1.005	1.012	1.036	1.009	1.002	1.002 *	1.001 *			
12/31/2000	1.009	1.003	1.012	1.015	1.003	1.004 *	1.002 *	1.001 *			
12/31/2001	1.006	1.012	1.017	0.997	1.004 *	1.004 *	1.002 *	1.001 *			
12/31/2002	0.980	1.007	0.979								
12/31/2003	1.011	0.995									
12/31/2004	0.993										
3 Yr Mean	0.995	1.005	1.003	1.016	1.008 @	1.003 @	1.003 @	1.001 @			
Best 3/5	1.003	1.005	1.010	1.006	1.005 *	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
12/31/2012					0.973	0.988	1.006	1.002	1.000	0.998	1.004
12/31/2013				1.002	0.973	0.988	1.006	1.002	1.000	0.998	1.004
12/31/2014			1.018	1.002	0.973	0.988	1.006	1.002	1.000	0.998	1.004
12/31/2015		1.283	1.018	1.002	0.973	0.988	1.006	1.002	1.000	0.998	1.004
12/31/2016	1.411	1.283	1.018	1.002	0.973	0.988	1.006	1.002	1.000	0.998	1.004

A.Y.E.	147/159	159/171	171/183	183/195	195/207	207/219	219/231	231/243	243/U1t	FACTORS
12/31/2012	1.003	1.005	1.010	1.006	1.005	1.003	1.002	1.001	1.001*	1.006
12/31/2013	1.003	1.005	1.010	1.006	1.005	1.003	1.002	1.001	1.001*	1.008
12/31/2014	1.003	1.005	1.010	1.006	1.005	1.003	1.002	1.001	1.001*	1.027
12/31/2015	1.003	1.005	1.010	1.006	1.005	1.003	1.002	1.001	1.001*	1.317
12/31/2016	1.003	1.005	1.010	1.006	1.005	1.003	1.002	1.001	1.001*	1.858

* 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
12/31/1997	857,471	1,096,399	1,318,331	1,536,964	1,777,769	1,909,020	1,962,570	1,973,070	1,977,109	2,110,930	1,996,441
12/31/1998	533,067	990,732	1,375,623	1,430,484	1,488,729	1,417,757	1,358,506	1,357,798	1,416,476	1,337,074	1,337,075
12/31/1999	499,691	684,095	962,281	1,209,567	1,327,393	1,200,508	1,519,661	1,355,355	1,344,023	1,270,122	1,393,595
12/31/2000	882,834	1,092,378	1,453,090	1,749,080	1,689,261	1,676,463	1,833,017	1,897,054	1,974,421	1,860,885	1,989,880
12/31/2001	506,813	1,031,350	1,420,172	1,822,482	1,597,318	1,792,618	2,107,687	2,072,547	2,111,120	2,028,185	2,049,083
12/31/2002	563,001	1,110,666	1,584,240	1,512,328	1,822,546	1,820,279	1,893,928	1,718,005	1,666,078	1,669,973	1,667,628
12/31/2003	638,864	916,783	958,041	1,779,977	1,519,336	1,481,000	1,535,514	1,527,017	1,529,492	1,535,140	1,537,251
12/31/2004	1,261,188	1,563,906	2,417,227	2,777,323	2,776,409	2,650,423	2,512,394	2,582,831	2,581,636	2,583,100	2,597,391
12/31/2005	893,932	1,205,397	1,975,626	2,039,457	1,462,671	1,461,365	1,499,228	1,432,397	1,329,908	1,325,483	1,329,974
12/31/2006	1,362,302	2,062,061	2,406,395	2,223,933	1,963,162	1,895,588	1,928,997	1,976,444	1,876,527	1,881,029	1,908,587
12/31/2007	1,781,882	2,342,635	2,225,250	2,535,444	2,599,309	2,134,228	2,140,655	2,247,232	2,251,643	2,276,632	
12/31/2008	1,138,142	1,545,957	1,964,461	2,056,873	2,123,092	2,173,719	2,289,233	2,261,703	2,186,705		
12/31/2009	918,066	1,175,956	1,369,211	1,533,576	1,766,190	1,912,731	1,857,492	1,852,494			
12/31/2010	1,171,857	1,971,906	2,121,592	2,177,484	2,308,851	2,506,088	2,458,750				
12/31/2011	1,250,885	1,766,129	2,171,567	1,883,862	1,859,271	1,864,053					
12/31/2012	1,038,711	1,466,000	1,991,731	1,831,533	1,698,782						
12/31/2013	853,052	1,249,105	1,387,865	1,658,327							
12/31/2014	899,810	1,727,643	2,060,618								
12/31/2015	925,729	1,421,526									
12/31/2016	1,000,423										

A.Y.E.	147 Months	159 Months	171 Months	183 Months	195 Months	207 Months	219 Months	231 Months	243 Months
12/31/1997	1,994,907	2,009,893	1,957,511	1,958,361	1,979,723	1,963,169	1,989,238	1,989,238	1,989,238
12/31/1998	1,348,006	1,337,277	1,394,005	1,395,231	1,395,198	1,395,198	1,395,198	1,398,198	
12/31/1999	1,427,496	1,677,295	1,616,737	1,533,829	1,542,618	1,529,540	1,529,540		
12/31/2000	2,042,003	2,022,232	2,138,662	2,174,421	2,164,969	2,253,350			
12/31/2001	2,071,357	2,033,107	2,042,961	2,040,199	2,036,200				
12/31/2002	1,667,628	1,668,258	1,693,607	1,696,308					
12/31/2003	1,537,267	1,537,369	1,540,071						
12/31/2004	2,593,315	2,596,017							
12/31/2005	1,332,682								

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
12/31/1997	1.279	1.202	1.166	1.157	1.074	1.028	1.005	1.002	1.068	0.946	0.999
12/31/1998	1.859	1.388	1.040	1.041	0.952	0.958	0.999	1.043	0.944	1.000	1.008
12/31/1999	1.369	1.407	1.257	1.097	0.904	1.266	0.892	0.992	0.945	1.097	1.024
12/31/2000	1.237	1.330	1.204	0.966	0.992	1.093	1.035	1.041	0.942	1.069	1.026
12/31/2001	2.035	1.377	1.283	0.876	1.122	1.176	0.983	1.019	0.961	1.010	1.011
12/31/2002	1.973	1.426	0.955	1.205	0.999	1.040	0.907	0.970	1.002	0.999	1.000
12/31/2003	1.435	1.045	1.858	0.854	0.975	1.037	0.994	1.002	1.004	1.001	1.000
12/31/2004	1.240	1.546	1.149	1.000	0.955	0.948	1.028	1.000	1.001	1.006	0.998
12/31/2005	1.348	1.639	1.032	0.717	0.999	1.026	0.955	0.928	0.997	1.003	1.002
12/31/2006	1.514	1.167	0.924	0.883	0.966	1.018	1.025	0.949	1.002	1.015	
12/31/2007	1.315	0.950	1.139	1.025	0.821	1.003	1.050	1.002	1.011		
12/31/2008	1.358	1.271	1.047	1.032	1.024	1.053	0.988	0.967			
12/31/2009	1.281	1.164	1.120	1.152	1.083	0.971	0.997				
12/31/2010	1.683	1.076	1.026	1.060	1.085	0.981					
12/31/2011	1.412	1.230	0.868	0.987	1.003						
12/31/2012	1.411	1.359	0.920	0.928							
12/31/2013	1.464	1.111	1.195								
12/31/2014	1.920	1.193									
12/31/2015	1.536										

3 Yr Mean 1.640 1.221 0.994 0.992 1.057 1.002 1.012 0.973 1.003 1.008 1.000

Best 3/5 1.471 1.178 1.022 1.026 1.037 1.001 1.003 0.972 1.002 1.003 1.001

A.Y.E.	159:147	171:159	183:171	195:183	207:195	219:207	231:219	243:231			
12/31/1997	1.008	0.974	1.000	1.011	0.992	1.013	1.000	1.000			
12/31/1998	0.992	1.042	1.001	1.000	1.000	1.000	1.002	1.000 *			
12/31/1999	1.175	0.964	0.949	1.006	0.992	1.000	1.000 *	1.000 *			
12/31/2000	0.990	1.058	1.017	0.996	1.041	0.998 *	1.000 *	1.000 *			
12/31/2001	0.982	1.005	0.999	0.998	1.001 *	0.998 *	1.000 *	1.000 *			
12/31/2002	1.000	1.015	1.002								
12/31/2003	1.000	1.002									
12/31/2004	1.001										

3 Yr Mean 1.000 1.007 1.006 1.000 1.011 @ 1.004 @ 1.001 @ 1.000 @

Best 3/5 0.997 1.007 1.001 1.001 0.998 * 0.999 * 1.000 * 1.000 *

A.Y.E.	15/ 27	27/ 39	39/ 51	51/ 63	63/ 75	75/ 87	87/ 99	99/111	111/123	123/135	135/147
12/31/2012					1.037	1.001	1.003	0.972	1.002	1.003	1.001
12/31/2013				1.026	1.037	1.001	1.003	0.972	1.002	1.003	1.001
12/31/2014			1.022	1.026	1.037	1.001	1.003	0.972	1.002	1.003	1.001
12/31/2015		1.178	1.022	1.026	1.037	1.001	1.003	0.972	1.002	1.003	1.001
12/31/2016	1.471	1.178	1.022	1.026	1.037	1.001	1.003	0.972	1.002	1.003	1.001

A.Y.E.	147/159	159/171	171/183	183/195	195/207	207/219	219/231	231/243	243/U1t	FACTORS
12/31/2012	0.997	1.007	1.001	1.001	0.998	0.999	1.000	1.000	1.000*	1.021
12/31/2013	0.997	1.007	1.001	1.001	0.998	0.999	1.000	1.000	1.000*	1.048
12/31/2014	0.997	1.007	1.001	1.001	0.998	0.999	1.000	1.000	1.000*	1.071
12/31/2015	0.997	1.007	1.001	1.001	0.998	0.999	1.000	1.000	1.000*	1.261
12/31/2016	0.997	1.007	1.001	1.001	0.998	0.999	1.000	1.000	1.000*	1.855

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

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

Allocated Expenses as of:											
A.Y.E	<u>15 Months</u>	<u>27 Months</u>	<u>39 Months</u>	<u>51 Months</u>	<u>63 Months</u>	<u>75 Months</u>	<u>87 Months</u>	<u>99 Months</u>	<u>111 Months</u>	<u>123 Months</u>	<u>135 Months</u>
12/31/1997	1,876,478	4,343,171	9,268,614	11,165,937	14,864,885	15,746,745	16,127,387	17,205,025	19,521,255	19,457,540	19,905,345
12/31/1998	2,084,041	6,014,140	9,632,326	11,637,684	12,476,395	13,348,709	14,255,140	15,615,643	15,532,222	16,337,389	16,700,789
12/31/1999	1,526,345	5,363,577	7,733,780	11,166,487	13,735,522	14,998,845	15,498,204	15,443,372	16,404,591	17,799,473	18,529,030
12/31/2000	1,344,746	4,779,236	8,731,035	12,496,733	14,124,922	15,441,798	17,936,879	18,665,342	19,807,953	20,558,482	20,758,453
12/31/2001	1,907,646	5,541,807	8,923,385	11,118,064	14,459,769	16,261,431	18,056,277	19,727,159	20,089,513	20,053,946	20,391,467
12/31/2002	1,641,813	4,003,151	8,571,735	12,930,392	16,194,261	19,226,173	19,457,772	20,210,702	20,724,071	21,180,046	21,457,630
12/31/2003	1,561,976	4,688,163	9,171,494	14,856,285	18,998,151	20,481,156	21,102,281	22,082,519	21,793,046	22,753,828	23,907,008
12/31/2004	1,206,435	3,306,860	6,905,188	11,383,136	14,471,580	14,350,859	15,831,945	16,681,041	17,570,169	18,767,365	18,915,082
12/31/2005	1,503,874	3,442,604	6,094,391	8,777,237	11,138,337	13,401,463	13,454,240	13,783,857	13,999,019	14,428,142	14,725,805
12/31/2006	1,954,090	6,650,680	9,136,596	12,233,766	14,346,883	16,230,505	19,239,725	20,553,630	19,569,585	19,651,619	19,668,528
12/31/2007	2,421,879	7,077,148	11,089,416	15,490,227	18,871,008	20,693,351	21,868,975	22,093,322	22,320,646	26,647,704	
12/31/2008	1,754,944	4,455,516	8,927,214	15,275,532	19,676,464	21,772,672	21,730,784	22,143,377	22,486,614		
12/31/2009	3,362,225	5,983,666	10,750,555	14,011,628	16,479,185	17,563,332	17,600,890	17,889,971			
12/31/2010	2,167,509	6,094,369	10,305,204	15,895,998	18,038,714	18,837,029	19,023,593				
12/31/2011	2,623,523	6,055,955	11,100,006	14,707,483	16,865,210	18,231,298					
12/31/2012	2,751,515	8,077,458	17,469,372	22,822,289	26,683,110						
12/31/2013	1,624,868	5,564,487	10,033,505	13,406,819							
12/31/2014	1,725,567	4,698,688	9,102,468								
12/31/2015	2,251,344	5,168,349									
12/31/2016	1,628,256										

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>
12/31/1997	20,715,082	20,743,670	20,756,694	20,820,238	20,988,573	21,290,388	21,436,584	21,702,599	21,780,146
12/31/1998	16,802,915	17,009,637	17,303,019	17,434,161	17,866,756	17,985,240	18,023,964	18,119,275	
12/31/1999	18,937,928	19,789,482	20,391,556	21,494,085	22,239,732	22,753,538	23,175,886		
12/31/2000	21,088,003	21,440,319	21,829,458	21,960,328	22,170,269	22,348,259			
12/31/2001	20,693,489	21,034,848	21,315,870	21,617,726	21,827,983				
12/31/2002	23,911,514	23,831,199	23,804,860	23,058,348					
12/31/2003	23,843,553	24,111,505	23,443,753						
12/31/2004	19,071,147	19,194,687							
12/31/2005	14,890,109								

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

A.Y.E	Increments												
	<u>27: 15</u>	<u>39: 27</u>	<u>51: 39</u>	<u>63: 51</u>	<u>75: 63</u>	<u>87: 75</u>	<u>99: 87</u>	<u>111: 99</u>	<u>123: 111</u>	<u>135: 123</u>	<u>147: 135</u>	<u>159:147</u>	<u>171:159</u>
12/31/1997	2,466,693	4,925,443	1,897,323	3,698,948	881,860	380,642	1,077,638	2,316,230	-63,715	447,805	809,737	28,588	13,024
12/31/1998	3,930,099	3,618,186	2,005,358	838,711	872,314	906,431	1,360,503	-83,421	805,167	363,400	102,126	206,722	293,382
12/31/1999	3,837,232	2,370,203	3,432,707	2,569,035	1,263,323	499,359	-54,832	961,219	1,394,882	729,557	408,898	851,554	602,074
12/31/2000	3,434,490	3,951,799	3,765,698	1,628,189	1,316,876	2,495,081	728,463	1,142,611	750,529	199,971	329,550	352,316	389,139
12/31/2001	3,634,161	3,381,578	2,194,679	3,341,705	1,801,662	1,794,846	1,670,882	362,354	-35,567	337,521	302,022	341,359	281,022
12/31/2002	2,361,338	4,568,584	4,358,657	3,263,869	3,031,912	231,599	752,930	513,369	455,975	277,584	2,453,884	-80,315	-26,339
12/31/2003	3,126,187	4,483,331	5,684,791	4,141,866	1,483,005	621,125	980,238	-289,473	960,782	1,153,180	-63,455	267,952	-667,752
12/31/2004	2,100,425	3,598,328	4,477,948	3,088,444	-120,721	1,481,086	849,096	889,128	1,197,196	147,717	156,065	123,540	
12/31/2005	1,938,730	2,651,787	2,682,846	2,361,100	2,263,126	52,777	329,617	215,162	429,123	297,663	164,304		
12/31/2006	4,696,590	2,485,916	3,097,170	2,113,117	1,883,622	3,009,220	1,313,905	-984,045	82,034	16,909			
12/31/2007	4,655,269	4,012,268	4,400,811	3,380,781	1,822,343	1,175,624	224,347	227,324	4,327,058				
12/31/2008	2,700,572	4,471,698	6,348,318	4,400,932	2,096,208	-41,888	412,593	343,237					
12/31/2009	2,621,441	4,766,889	3,261,073	2,467,557	1,084,147	37,558	289,081						
12/31/2010	3,926,860	4,210,835	5,590,794	2,142,716	798,315	186,564							
12/31/2011	3,432,432	5,044,051	3,607,477	2,157,727	1,366,088								
12/31/2012	5,325,943	9,391,914	5,352,917	3,860,821									
12/31/2013	3,939,619	4,469,018	3,373,314										
12/31/2014	2,973,121	4,403,780											
12/31/2015	2,917,005												

A.Y.E	Incremental Percentages												
	<u>27: 15</u>	<u>39: 27</u>	<u>51: 39</u>	<u>63: 51</u>	<u>75: 63</u>	<u>87: 75</u>	<u>99: 87</u>	<u>111: 99</u>	<u>123: 111</u>	<u>135: 123</u>	<u>147: 135</u>	<u>159:147</u>	<u>171:159</u>
12/31/1997	0.0646	0.1291	0.0497	0.0969	0.0231	0.0100	0.0282	0.0607	-0.0017	0.0117	0.0212	0.0007	0.0003
12/31/1998	0.1192	0.1097	0.0608	0.0254	0.0265	0.0275	0.0413	-0.0025	0.0244	0.0110	0.0031	0.0063	0.0089
12/31/1999	0.0977	0.0603	0.0874	0.0654	0.0322	0.0127	-0.0014	0.0245	0.0355	0.0186	0.0104	0.0217	0.0153
12/31/2000	0.1088	0.1252	0.1193	0.0516	0.0417	0.0790	0.0231	0.0362	0.0238	0.0063	0.0104	0.0112	0.0123
12/31/2001	0.1070	0.0995	0.0646	0.0984	0.0530	0.0528	0.0492	0.0107	-0.0010	0.0099	0.0089	0.0100	0.0083
12/31/2002	0.0801	0.1551	0.1479	0.1108	0.1029	0.0079	0.0256	0.0174	0.0155	0.0094	0.0833	-0.0027	-0.0009
12/31/2003	0.0974	0.1397	0.1772	0.1291	0.0462	0.0194	0.0306	-0.0090	0.0299	0.0359	-0.0020	0.0084	-0.0208
12/31/2004	0.0747	0.1280	0.1593	0.1098	-0.0043	0.0527	0.0302	0.0316	0.0426	0.0053	0.0056	0.0044	
12/31/2005	0.0610	0.0834	0.0844	0.0743	0.0712	0.0017	0.0104	0.0068	0.0135	0.0094	0.0052		
12/31/2006	0.1319	0.0698	0.0870	0.0593	0.0529	0.0845	0.0369	-0.0276	0.0023	0.0005			
12/31/2007	0.1168	0.1006	0.1104	0.0848	0.0457	0.0295	0.0056	0.0057	0.1085				
12/31/2008	0.0744	0.1232	0.1749	0.1213	0.0578	-0.0012	0.0114	0.0095					
12/31/2009	0.0682	0.1240	0.0848	0.0642	0.0282	0.0010	0.0075						
12/31/2010	0.1098	0.1178	0.1564	0.0599	0.0223	0.0052							
12/31/2011	0.1136	0.1670	0.1194	0.0714	0.0452								
12/31/2012	0.1377	0.2428	0.1384	0.0998									
12/31/2013	0.1274	0.1446	0.1091										
12/31/2014	0.0909	0.1346											
12/31/2015	0.1052												

Best 3/5	0.1154	0.1487	0.1223	0.0785	0.0397	0.0119	0.0098	0.0073	0.0287	0.0080	0.0065	0.0076	0.0066
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PRODUCTS (Subline Code 336)
 FULL COVERAGE
 MULTISTATE
 BODILY INJURY - OCCURRENCE
 INCURRED ACCIDENT YEAR ALAE DEVELOPMENT

A.Y.E.	183:171	195:183	207:195	Link Ratios 219:207	231:219	243:231	Ult:243
12/31/1997	1.003	1.008	1.014	1.007	1.012	1.004	1.004 *
12/31/1998	1.008	1.025	1.007	1.002	1.005	1.005 *	1.004 *
12/31/1999	1.054	1.035	1.023	1.019	1.007 *	1.005 *	1.004 *
12/31/2000	1.006	1.010	1.008	1.010 *	1.007 *	1.005 *	1.004 *
12/31/2001	1.014	1.010	1.015 *	1.010 *	1.007 *	1.005 *	1.004 *
12/31/2002	0.969						
Best 3/5	1.009	1.015	1.012 *	1.009 *	1.007 *	1.005 *	1.004 *

171 to Ultimate Factor: 1.063

<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>
	0.591	0.476	0.327	0.205	0.126	0.086	0.074
<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>
	0.065	0.057	0.029	0.021	0.014	0.007	0.000

A.Y.E	Reported ALAE as of 3/31/17	\$500,000 Ultimate Indemnity	ALAE Factor	Additional ALAE	ALAE at 171 Months	171-Ultimate Factor	Ultimate ALAE
12/31/2014	9,276,801	35,029,936	0.327	11,454,792	20,731,593	1.063	22,037,385
12/31/2015	5,308,310	30,041,168	0.476	14,299,610	19,607,920	1.063	20,842,945
12/31/2016	1,674,629	26,699,207	0.591	15,779,240	17,453,869	1.063	18,553,212

* 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>
12/31/1997	11,433,780	14,521,128	16,653,693	18,600,893	18,708,737	18,067,783	18,417,606	19,661,388	19,597,968	19,350,478	19,596,637
12/31/1998	9,526,550	13,668,593	14,898,423	15,178,946	16,236,009	17,131,129	18,656,709	17,426,150	17,625,215	18,510,390	18,784,024
12/31/1999	9,646,153	12,424,001	14,342,876	16,131,628	15,552,684	16,781,246	16,628,635	17,788,350	18,561,461	18,867,153	18,909,585
12/31/2000	10,022,573	13,601,797	15,480,939	16,417,496	18,138,490	19,058,032	20,069,708	20,861,260	21,198,955	21,502,900	21,516,086
12/31/2001	11,985,741	15,342,866	19,515,630	20,647,776	20,485,120	21,289,161	22,540,330	22,451,321	22,886,926	23,124,689	23,490,388
12/31/2002	9,712,129	15,108,615	18,237,432	17,585,240	17,738,527	18,928,070	19,339,562	19,625,217	19,886,143	20,142,261	20,686,810
12/31/2003	11,517,082	13,589,218	15,849,377	17,229,172	18,895,955	20,208,454	20,616,683	21,094,307	21,634,862	21,995,105	22,116,082
12/31/2004	10,425,745	12,622,341	14,141,938	14,670,319	16,053,631	16,106,318	16,546,158	16,949,321	17,102,835	17,484,512	17,709,444
12/31/2005	12,213,405	14,748,883	15,159,359	15,697,249	15,948,807	16,713,435	16,591,186	17,672,041	17,687,721	18,351,744	18,689,063
12/31/2006	13,853,249	15,615,864	16,821,762	17,194,192	18,373,528	18,744,432	19,488,918	21,421,244	22,090,881	21,924,526	22,084,554
12/31/2007	18,896,743	21,361,568	22,503,923	22,660,647	24,030,099	24,909,926	26,299,363	27,042,838	27,255,581	28,015,481	
12/31/2008	17,994,067	21,467,864	23,153,634	24,438,207	25,202,010	26,309,182	27,034,242	27,552,983	28,030,509		
12/31/2009	21,011,525	23,717,379	25,278,133	25,471,806	25,786,749	26,428,548	26,197,032	26,950,828			
12/31/2010	19,746,552	22,605,193	24,140,583	24,636,499	24,770,247	25,520,163	25,585,132				
12/31/2011	16,572,177	18,461,300	19,296,487	20,885,088	21,246,114	21,877,005					
12/31/2012	17,691,636	18,989,614	20,731,657	23,228,418	23,711,312						
12/31/2013	16,400,132	19,260,151	20,611,873	20,879,560							
12/31/2014	15,674,069	17,890,118	19,458,441								
12/31/2015	15,925,566	17,780,406									
12/31/2016	15,919,724										

<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>
12/31/1997	19,407,640	19,630,877	19,470,574	19,543,864	19,399,841	19,454,687	19,512,126	19,511,126	19,488,849
12/31/1998	19,047,848	19,297,412	19,294,430	19,259,165	19,182,362	19,204,241	19,204,140	19,179,141	
12/31/1999	18,762,473	18,652,883	18,746,287	18,716,815	18,745,030	18,871,522	18,875,400		
12/31/2000	21,286,092	21,431,753	21,280,634	21,266,991	21,268,382	21,267,010			
12/31/2001	23,491,934	23,316,441	23,225,470	23,279,844	23,233,695				
12/31/2002	20,777,571	20,892,108	20,938,830	21,043,009					
12/31/2003	22,634,676	22,433,754	22,393,841						
12/31/2004	17,912,709	17,849,772							
12/31/2005	18,552,585								

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
12/31/1997	1.270	1.147	1.117	1.006	0.966	1.019	1.068	0.997	0.987	1.013	0.990
12/31/1998	1.435	1.090	1.019	1.070	1.055	1.089	0.934	1.011	1.050	1.015	1.014
12/31/1999	1.288	1.154	1.125	0.964	1.079	0.991	1.070	1.043	1.016	1.002	0.992
12/31/2000	1.357	1.138	1.060	1.105	1.051	1.053	1.039	1.016	1.014	1.001	0.989
12/31/2001	1.280	1.272	1.058	0.992	1.039	1.059	0.996	1.019	1.010	1.016	1.000
12/31/2002	1.556	1.207	0.964	1.009	1.067	1.022	1.015	1.013	1.013	1.027	1.004
12/31/2003	1.180	1.166	1.087	1.097	1.069	1.020	1.023	1.026	1.017	1.006	1.023
12/31/2004	1.211	1.120	1.037	1.094	1.003	1.027	1.024	1.009	1.022	1.013	1.011
12/31/2005	1.208	1.028	1.035	1.016	1.048	0.993	1.065	1.001	1.038	1.018	0.993
12/31/2006	1.127	1.077	1.022	1.069	1.020	1.040	1.099	1.031	0.992	1.007	
12/31/2007	1.130	1.053	1.007	1.060	1.037	1.056	1.028	1.008	1.028		
12/31/2008	1.193	1.079	1.055	1.031	1.044	1.028	1.019	1.017			
12/31/2009	1.129	1.066	1.008	1.012	1.025	0.991	1.029				
12/31/2010	1.145	1.068	1.021	1.005	1.030	1.003					
12/31/2011	1.114	1.045	1.082	1.017	1.030						
12/31/2012	1.073	1.092	1.120	1.021							
12/31/2013	1.174	1.070	1.013								
12/31/2014	1.141	1.088									
12/31/2015	1.116										

3 Yr Mean 1.144 1.083 1.072 1.014 1.028 1.007 1.025 1.019 1.019 1.013 1.009

Best 3/5 1.124 1.075 1.039 1.017 1.032 1.024 1.041 1.011 1.022 1.013 1.005

A.Y.E.	159:147	171:159	183:171	195:183	207:195	219:207	231:219	243:231			
12/31/1997	1.012	0.992	1.004	0.993	1.003	1.003	1.000	0.999			
12/31/1998	1.013	1.000	0.998	0.996	1.001	1.000	0.999	1.001 *			
12/31/1999	0.994	1.005	0.998	1.002	1.007	1.000	1.001 *	1.001 *			
12/31/2000	1.007	0.993	0.999	1.000	1.000	1.001 *	1.001 *	1.001 *			
12/31/2001	0.993	0.996	1.002	0.998	0.998 *	1.001 *	1.001 *	1.001 *			
12/31/2002	1.006	1.002	1.005								
12/31/2003	0.991	0.998									
12/31/2004	0.996										

3 Yr Mean 0.998 0.999 1.002 1.000 1.003 @ 1.001 @ 1.000 @ 0.999 @

Best 3/5 0.998 0.999 1.000 0.998 1.001 * 1.001 * 1.001 * 1.001 *

Development From

A.Y.E.	15/ 27	27/ 39	39/ 51	51/ 63	63/ 75	75/ 87	87/ 99	99/111	111/123	123/135	135/147
12/31/2012					1.032	1.024	1.041	1.011	1.022	1.013	1.005
12/31/2013				1.017	1.032	1.024	1.041	1.011	1.022	1.013	1.005
12/31/2014			1.039	1.017	1.032	1.024	1.041	1.011	1.022	1.013	1.005
12/31/2015		1.075	1.039	1.017	1.032	1.024	1.041	1.011	1.022	1.013	1.005
12/31/2016	1.124	1.075	1.039	1.017	1.032	1.024	1.041	1.011	1.022	1.013	1.005

A.Y.E.	147/159	159/171	171/183	183/195	195/207	207/219	219/231	231/243	243/U1t	FACTORS
12/31/2012	0.998	0.999	1.000	0.998	1.001	1.001	1.001	1.001	1.004*	1.161
12/31/2013	0.998	0.999	1.000	0.998	1.001	1.001	1.001	1.001	1.004*	1.180
12/31/2014	0.998	0.999	1.000	0.998	1.001	1.001	1.001	1.001	1.004*	1.226
12/31/2015	0.998	0.999	1.000	0.998	1.001	1.001	1.001	1.001	1.004*	1.318
12/31/2016	0.998	0.999	1.000	0.998	1.001	1.001	1.001	1.001	1.004*	1.482

* 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
12/31/1997	1,512,421	1,827,036	2,287,045	2,497,144	2,716,648	3,647,346	4,102,750	3,315,724	3,534,797	4,237,001	3,903,827
12/31/1998	1,035,376	1,693,891	1,888,505	1,907,518	2,135,914	3,078,424	2,757,453	2,751,402	3,080,149	3,265,137	3,320,703
12/31/1999	885,190	986,331	1,250,251	1,813,898	1,835,525	2,000,540	2,134,227	2,289,947	2,613,234	2,823,584	2,909,475
12/31/2000	921,353	1,445,411	1,891,385	1,803,458	1,911,789	2,086,404	2,474,227	2,668,130	2,812,076	3,027,082	3,097,049
12/31/2001	1,722,974	1,924,777	2,520,602	2,806,538	2,729,897	3,040,445	3,488,229	4,060,847	4,303,076	4,421,154	4,569,788
12/31/2002	821,127	1,532,634	1,888,541	2,303,004	2,893,778	3,018,020	3,170,334	3,284,663	3,885,946	3,872,977	3,872,178
12/31/2003	1,633,801	1,760,813	1,621,790	1,612,864	1,665,621	1,808,718	2,159,886	2,201,461	2,225,359	2,380,285	2,705,163
12/31/2004	708,966	1,301,618	1,799,252	1,551,855	1,433,456	1,510,529	1,524,216	1,492,583	1,605,728	1,707,199	1,704,027
12/31/2005	1,839,840	3,006,021	2,828,232	3,172,061	3,229,774	3,103,531	3,369,469	3,491,011	3,487,635	3,435,645	3,370,962
12/31/2006	2,739,548	4,038,503	4,482,928	4,160,418	4,098,990	4,233,977	4,690,793	4,763,238	4,869,295	4,998,224	5,031,644
12/31/2007	3,386,279	3,097,519	3,031,213	3,133,141	3,449,007	3,385,354	3,478,243	3,652,112	3,747,406	3,760,636	
12/31/2008	2,318,311	2,552,925	3,040,547	3,183,744	2,960,420	3,018,726	3,185,618	3,273,757	3,283,953		
12/31/2009	3,499,393	3,487,472	3,057,187	3,116,760	3,240,776	3,461,193	3,368,806	3,522,414			
12/31/2010	2,187,415	3,079,994	3,387,852	3,125,893	3,138,662	3,248,520	3,277,443				
12/31/2011	3,316,835	3,338,937	3,196,445	3,185,390	3,411,261	3,280,517					
12/31/2012	2,966,126	2,912,153	3,342,127	3,196,842	3,361,984						
12/31/2013	3,832,534	4,084,458	4,113,576	4,194,471							
12/31/2014	3,436,297	4,562,759	4,718,796								
12/31/2015	2,795,940	3,110,531									
12/31/2016	2,968,165										

A.Y.E.	147 Months	159 Months	171 Months	183 Months	195 Months	207 Months	219 Months	231 Months	243 Months
12/31/1997	4,135,826	3,943,969	3,801,104	3,777,772	3,777,772	3,777,772	3,777,772	3,777,772	3,777,772
12/31/1998	3,266,846	3,250,253	3,261,792	3,259,292	3,281,628	3,281,835	3,281,835	3,281,835	
12/31/1999	2,862,130	2,846,019	2,847,135	2,852,047	2,852,047	2,852,042	2,852,042		
12/31/2000	3,010,204	2,960,411	2,968,084	2,965,948	2,960,627	2,960,627			
12/31/2001	4,412,114	4,370,283	4,320,612	4,301,283	4,228,755				
12/31/2002	3,617,377	3,567,155	3,516,054	3,506,054					
12/31/2003	2,772,861	2,774,704	2,807,162						
12/31/2004	1,673,562	1,702,449							
12/31/2005	3,461,895								

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
12/31/1997	1.208	1.252	1.092	1.088	1.343	1.125	0.808	1.066	1.199	0.921	1.059
12/31/1998	1.636	1.115	1.010	1.120	1.441	0.896	0.998	1.119	1.060	1.017	0.984
12/31/1999	1.114	1.268	1.451	1.012	1.090	1.067	1.073	1.141	1.080	1.030	0.984
12/31/2000	1.569	1.309	0.954	1.060	1.091	1.186	1.078	1.054	1.076	1.023	0.972
12/31/2001	1.117	1.310	1.113	0.973	1.114	1.147	1.164	1.060	1.027	1.034	0.965
12/31/2002	1.867	1.232	1.219	1.257	1.043	1.050	1.036	1.183	0.997	1.000	0.934
12/31/2003	1.078	0.921	0.994	1.033	1.086	1.194	1.019	1.011	1.070	1.136	1.025
12/31/2004	1.836	1.382	0.863	0.924	1.054	1.009	0.979	1.076	1.063	0.998	0.982
12/31/2005	1.634	0.941	1.122	1.018	0.961	1.086	1.036	0.999	0.985	0.981	1.027
12/31/2006	1.474	1.110	0.928	0.985	1.033	1.108	1.015	1.022	1.026	1.007	
12/31/2007	0.915	0.979	1.034	1.101	0.982	1.027	1.050	1.026	1.004		
12/31/2008	1.101	1.191	1.047	0.930	1.020	1.055	1.028	1.003			
12/31/2009	0.997	0.877	1.019	1.040	1.068	0.973	1.046				
12/31/2010	1.408	1.100	0.923	1.004	1.035	1.009					
12/31/2011	1.007	0.957	0.997	1.071	0.962						
12/31/2012	0.982	1.148	0.957	1.052							
12/31/2013	1.066	1.007	1.020								
12/31/2014	1.328	1.034									
12/31/2015	1.113										
3 Yr Mean	1.169	1.063	0.991	1.042	1.022	1.012	1.041	1.017	1.005	0.995	1.011
Best 3/5	1.062	1.047	0.991	1.032	1.012	1.030	1.037	1.017	1.031	1.002	0.991

A.Y.E.	159:147	171:159	183:171	195:183	207:195	219:207	231:219	243:231			
12/31/1997	0.954	0.964	0.994	1.000	1.000	1.000	1.000	1.000			
12/31/1998	0.995	1.004	0.999	1.007	1.000	1.000	1.000	1.000 *			
12/31/1999	0.994	1.000	1.002	1.000	1.000	1.000	1.000 *	1.000 *			
12/31/2000	0.983	1.003	0.999	0.998	1.000	1.000 *	1.000 *	1.000 *			
12/31/2001	0.991	0.989	0.996	0.983	1.000 *	1.000 *	1.000 *	1.000 *			
12/31/2002	0.986	0.986	0.997								
12/31/2003	1.001	1.012									
12/31/2004	1.017										
3 Yr Mean	1.001	0.996	0.997	0.994	1.000 @	1.000 @	1.000 @	1.000 @			
Best 3/5	0.993	0.997	0.998	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
12/31/2012					1.012	1.030	1.037	1.017	1.031	1.002	0.991
12/31/2013				1.032	1.012	1.030	1.037	1.017	1.031	1.002	0.991
12/31/2014			0.991	1.032	1.012	1.030	1.037	1.017	1.031	1.002	0.991
12/31/2015		1.047	0.991	1.032	1.012	1.030	1.037	1.017	1.031	1.002	0.991
12/31/2016	1.062	1.047	0.991	1.032	1.012	1.030	1.037	1.017	1.031	1.002	0.991

A.Y.E.	147/159	159/171	171/183	183/195	195/207	207/219	219/231	231/243	243/U1t	FACTORS
12/31/2012	0.993	0.997	0.998	0.999	1.000	1.000	1.000	1.000	1.000*	1.111
12/31/2013	0.993	0.997	0.998	0.999	1.000	1.000	1.000	1.000	1.000*	1.146
12/31/2014	0.993	0.997	0.998	0.999	1.000	1.000	1.000	1.000	1.000*	1.136
12/31/2015	0.993	0.997	0.998	0.999	1.000	1.000	1.000	1.000	1.000*	1.189
12/31/2016	0.993	0.997	0.998	0.999	1.000	1.000	1.000	1.000	1.000*	1.263

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

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

Allocated Expenses as of:											
A.Y.E	15 Months	27 Months	39 Months	51 Months	63 Months	75 Months	87 Months	99 Months	111 Months	123 Months	135 Months
12/31/1997	1,613,641	3,623,678	9,799,183	10,099,462	11,705,749	13,251,332	14,055,727	16,426,400	18,896,229	18,105,549	18,387,356
12/31/1998	1,489,425	3,740,405	5,702,537	7,486,873	10,068,983	11,677,303	13,332,688	13,515,756	14,825,376	16,342,047	17,193,857
12/31/1999	2,266,684	3,033,744	5,293,680	7,883,361	9,155,204	11,471,365	12,766,097	14,123,490	15,328,462	17,108,282	17,562,829
12/31/2000	2,527,480	3,833,913	6,183,006	10,113,072	12,782,892	15,979,264	18,561,590	19,508,924	20,402,144	21,259,980	21,774,786
12/31/2001	2,101,775	3,625,450	6,248,352	9,793,897	13,318,156	15,286,345	18,173,236	19,736,623	21,111,113	20,333,030	20,576,318
12/31/2002	1,231,113	3,419,506	6,861,067	8,923,829	11,289,516	12,640,351	13,548,029	15,598,068	15,164,239	15,280,313	15,839,747
12/31/2003	1,609,746	3,959,704	6,634,005	10,751,541	12,853,263	14,878,251	16,785,927	17,905,815	19,162,959	20,201,861	21,107,070
12/31/2004	1,784,147	2,947,083	5,715,389	8,490,604	10,917,546	12,696,554	14,105,664	15,181,677	16,575,922	17,691,926	18,379,172
12/31/2005	2,257,698	4,715,467	8,228,679	8,434,231	9,769,957	11,218,069	13,588,664	15,296,526	16,534,835	17,743,272	18,922,188
12/31/2006	1,629,992	3,794,632	7,304,048	10,366,261	12,567,404	14,836,284	16,307,664	18,600,801	21,779,226	22,444,005	23,248,412
12/31/2007	2,349,102	4,411,076	6,919,152	11,164,939	14,100,470	16,398,924	17,823,684	20,144,744	21,316,522	23,173,367	
12/31/2008	2,190,443	5,546,597	9,867,652	13,837,379	17,139,409	19,746,268	21,265,157	22,253,168	23,025,197		
12/31/2009	4,692,947	10,081,688	16,583,463	20,137,125	23,460,810	27,302,303	28,400,446	29,910,251			
12/31/2010	2,873,220	6,364,888	11,574,759	17,633,788	22,186,928	24,279,590	25,787,706				
12/31/2011	2,789,081	5,190,022	9,101,310	12,812,219	15,840,230	18,704,536					
12/31/2012	3,358,753	8,447,163	14,000,148	21,208,095	23,500,469						
12/31/2013	3,240,172	6,974,978	10,652,579	14,730,649							
12/31/2014	3,568,931	6,408,946	9,709,089								
12/31/2015	2,743,424	6,302,215									
12/31/2016	4,415,730										

A.Y.E	147 Months	159 Months	171 Months	183 Months	195 Months	207 Months	219 Months	231 Months	243 Months
12/31/1997	18,767,245	18,632,396	18,617,685	18,622,764	18,629,571	18,658,888	18,669,968	18,663,862	18,677,499
12/31/1998	17,751,962	18,201,169	18,360,039	18,269,732	18,315,254	18,318,709	18,319,001	18,319,280	
12/31/1999	18,160,256	17,733,014	17,868,249	17,804,372	17,918,780	17,845,042	17,859,041		
12/31/2000	22,290,024	22,642,073	22,802,728	22,742,347	22,999,365	22,996,450			
12/31/2001	21,065,185	21,526,957	22,071,002	22,132,492	22,128,017				
12/31/2002	16,217,808	16,524,055	16,751,659	16,866,036					
12/31/2003	22,739,498	23,038,613	23,718,384						
12/31/2004	19,315,645	19,624,686							
12/31/2005	19,758,316								

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>
12/31/1997	2,010,037	6,175,505	300,279	1,606,287	1,545,583	804,395	2,370,673	2,469,829	-790,680	281,807	379,889	-134,849	-14,711
12/31/1998	2,250,980	1,962,132	1,784,336	2,582,110	1,608,320	1,655,385	183,068	1,309,620	1,516,671	851,810	558,105	449,207	158,870
12/31/1999	767,060	2,259,936	2,589,681	1,271,843	2,316,161	1,294,732	1,357,393	1,204,972	1,779,820	454,547	597,427	-427,242	135,235
12/31/2000	1,306,433	2,349,093	3,930,066	2,669,820	3,196,372	2,582,326	947,334	893,220	857,836	514,806	515,238	352,049	160,655
12/31/2001	1,523,675	2,622,902	3,545,545	3,524,259	1,968,189	2,886,891	1,563,387	1,374,490	-778,083	243,288	488,867	461,772	544,045
12/31/2002	2,188,393	3,441,561	2,062,762	2,365,687	1,350,835	907,678	2,050,039	-433,829	116,074	559,434	378,061	306,247	227,604
12/31/2003	2,349,958	2,674,301	4,117,536	2,101,722	2,024,988	1,907,676	1,119,888	1,257,144	1,038,902	905,209	1,632,428	299,115	679,771
12/31/2004	1,162,936	2,768,306	2,775,215	2,426,942	1,779,008	1,409,110	1,076,013	1,394,245	1,116,004	687,246	936,473	309,041	
12/31/2005	2,457,769	3,513,212	205,552	1,335,726	1,448,112	2,370,595	1,707,862	1,238,309	1,208,437	1,178,916	836,128		
12/31/2006	2,164,640	3,509,416	3,062,213	2,201,143	2,268,880	1,471,380	2,293,137	3,178,425	664,779	804,407			
12/31/2007	2,061,974	2,508,076	4,245,787	2,935,531	2,298,454	1,424,760	2,321,060	1,171,778	1,856,845				
12/31/2008	3,356,154	4,321,055	3,969,727	3,302,030	2,606,859	1,518,889	988,011	772,029					
12/31/2009	5,388,741	6,501,775	3,553,662	3,323,685	3,841,493	1,098,143	1,509,805						
12/31/2010	3,491,668	5,209,871	6,059,029	4,553,140	2,092,662	1,508,116							
12/31/2011	2,400,941	3,911,288	3,710,909	3,028,011	2,864,306								
12/31/2012	5,088,410	5,552,985	7,207,947	2,292,374									
12/31/2013	3,734,806	3,677,601	4,078,070										
12/31/2014	2,840,015	3,300,143											
12/31/2015	3,558,791												

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>
12/31/1997	0.0740	0.2275	0.0111	0.0592	0.0569	0.0296	0.0873	0.0910	-0.0291	0.0104	0.0140	-0.0050	-0.0005
12/31/1998	0.0896	0.0781	0.0710	0.1027	0.0640	0.0659	0.0073	0.0521	0.0603	0.0339	0.0222	0.0179	0.0063
12/31/1999	0.0281	0.0827	0.0948	0.0465	0.0848	0.0474	0.0497	0.0441	0.0651	0.0166	0.0219	-0.0156	0.0049
12/31/2000	0.0404	0.0726	0.1214	0.0825	0.0987	0.0798	0.0293	0.0276	0.0265	0.0159	0.0159	0.0109	0.0050
12/31/2001	0.0449	0.0772	0.1044	0.1038	0.0580	0.0850	0.0460	0.0405	-0.0229	0.0072	0.0144	0.0136	0.0160
12/31/2002	0.0729	0.1147	0.0687	0.0788	0.0450	0.0302	0.0683	-0.0145	0.0039	0.0186	0.0126	0.0102	0.0076
12/31/2003	0.0698	0.0795	0.1223	0.0624	0.0602	0.0567	0.0333	0.0374	0.0309	0.0269	0.0485	0.0089	0.0202
12/31/2004	0.0474	0.1128	0.1131	0.0989	0.0725	0.0574	0.0438	0.0568	0.0455	0.0280	0.0382	0.0126	
12/31/2005	0.0901	0.1288	0.0075	0.0490	0.0531	0.0869	0.0626	0.0454	0.0443	0.0432	0.0307		
12/31/2006	0.0648	0.1050	0.0916	0.0659	0.0679	0.0440	0.0686	0.0951	0.0199	0.0241			
12/31/2007	0.0503	0.0611	0.1035	0.0716	0.0560	0.0347	0.0566	0.0286	0.0453				
12/31/2008	0.0751	0.0967	0.0889	0.0739	0.0584	0.0340	0.0221	0.0173					
12/31/2009	0.1130	0.1364	0.0745	0.0697	0.0806	0.0230	0.0317						
12/31/2010	0.0824	0.1229	0.1430	0.1074	0.0494	0.0356							
12/31/2011	0.0617	0.1005	0.0954	0.0778	0.0736								
12/31/2012	0.1051	0.1147	0.1489	0.0474									
12/31/2013	0.0911	0.0897	0.0994										
12/31/2014	0.0647	0.0752											
12/31/2015	0.0975												

Best 3/5	0.0844	0.1016	0.1126	0.0738	0.0627	0.0348	0.0503	0.0436	0.0402	0.0263	0.0277	0.0112	0.0095
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PRODUCTS (Subline Code 336)
 FULL COVERAGE
 MULTISTATE
 PROPERTY DAMAGE - OCCURRENCE
 INCURRED ACCIDENT YEAR ALAE DEVELOPMENT

A.Y.E.	183:171	195:183	207:195	Link Ratios 219:207	231:219	243:231	Ult:243
12/31/1997	1.000	1.000	1.002	1.001	1.000	1.001	1.000 *
12/31/1998	0.995	1.002	1.000	1.000	1.000	1.000 *	1.000 *
12/31/1999	0.996	1.006	0.996	1.001	1.000 *	1.000 *	1.000 *
12/31/2000	0.997	1.011	1.000	1.000 *	1.000 *	1.000 *	1.000 *
12/31/2001	1.003	1.000	1.003 *	1.000 *	1.000 *	1.000 *	1.000 *
12/31/2002	1.007						
Best 3/5	0.999	1.003	1.001 *	1.000 *	1.000 *	1.000 *	1.000 *

171 to Ultimate Factor: 1.003

<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>
	0.679	0.594	0.493	0.380	0.306	0.244	0.209
<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>
	0.159	0.115	0.075	0.048	0.021	0.010	0.000

A.Y.E	Reported ALAE as of 3/31/17	\$500,000 Ultimate Indemnity	ALAE Factor	Additional ALAE	ALAE at 171 Months	171-Ultimate Factor	Ultimate ALAE
12/31/2014	10,352,590	47,701,057	0.493	23,516,643	33,869,233	1.003	33,970,488
12/31/2015	6,329,155	37,895,324	0.594	22,509,824	28,838,979	1.003	28,925,175
12/31/2016	4,331,570	47,789,792	0.679	32,449,271	36,780,841	1.003	36,890,878

* Calculated Using Modified Bondy Method

Multistate Review of ULAE Experience
General Liability Including CMP Liability
Loss Adjustment Expense Special Call
Calendar Years 2012 - 2016

<u>Item *</u>	<u>2012</u>	<u>2013</u>	<u>2014</u>	<u>2015</u>	<u>2016</u>	<u>2012 - 2016 Mean</u>
1. Direct Losses Incurred	\$18,480,140	\$18,521,277	\$19,140,390	\$24,110,646	\$25,085,478	
2. Allocated Loss Adjustment Expenses Incurred (ALAE)	\$5,270,137	\$5,080,420	\$4,727,492	\$5,601,664	\$4,581,304	
3. Unallocated Loss Adjustment Expenses Incurred (ULAE)	\$1,892,698	\$2,061,866	\$2,159,178	\$2,371,173	\$2,496,550	
4. Incurred Losses + ALAE [(1) + (2)]	\$23,750,277	\$23,601,697	\$23,867,882	\$29,712,310	\$29,666,781	
	<u>Incurred Percentage</u>					
5. Ratio of ULAE to (Losses + ALAE) [(3)/(4)]	8.0%	8.7%	9.0%	8.0%	8.4%	8.4%
6. Selected	8.5%					

Notes: All dollar amounts are displayed in thousands.

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

PRODUCTS TREND SUMMARY

(1)	<u>EXPOSURE TREND</u>	<u>PRODUCTS</u>	
	Average Annual Percent Change		
	a) 7/1/2014 to 7/1/2019 AYE 12/31/2014	+ 1.3%	
	b) 7/1/2015 to 7/1/2019 AYE 12/31/2015	+ 1.5%	
	c) 7/1/2016 to 7/1/2019 AYE 12/31/2016	+ 2.1%	
(2)	<u>OCCURRENCE SEVERITY</u>	<u>BODILY INJURY</u>	<u>PROPERTY DAMAGE</u>
	a) Fitted		
	All Years	+ 2.4%	+ 6.1%
	Eight Years	+ 5.1%	+ 6.8%
	Six Years	+ 3.9%	+ 8.9%
	b) Selected	+ 2.5%	+ 6.5%
(3)	<u>FREQUENCY TREND</u>		
	Selected	- 1.0%	
(4)	<u>TOTAL ANNUAL NET TREND</u>		
	Net trend = (frequency trend x severity trend) / exposure trend		

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 12/31/2014, 12/31/2015 & 12/31/2016

(1)			(2)		
YEAR ENDING			PRODUCTS		
<u>QUARTER*</u>			CLASS GROUP		
			SALES EXPOSURE		
			<u>INDICES</u>		
2006	1		0.957		
	2		0.963		
	3		0.968		
	4		0.973		
2007	1		0.978		
	2		0.982		
	3		0.984		
	4		0.986		
2008	1		0.984		
	2		0.980		
	3		0.979		
	4		0.981		
2009	1		0.988		
	2		0.995		
	3		0.999		
	4		1.000		
2010	1		0.996		
	2		0.993		
	3		0.993		
	4		0.996		
2011	1		0.999		
	2		1.004		
	3		1.009		
	4		1.012		
2012	1		1.016		
	2		1.019		
	3		1.023		
	4		1.027		
2013	1		1.031		
	2		1.033		
	3		1.034		
	4		1.036		
2014	1		1.037		
	2		1.041		
	3		1.044		
	4		1.045		
2015	1		1.046		
	2		1.047		
	3		1.048		
	4		1.049		
2016	1		1.050		
	2		1.050		
	3		1.049		
	4		1.050		
2017	1		1.052		
	2		1.052		
	3P		1.054		
	4P		1.055		
2018	1P		1.057		
	2P		1.062		
	3P		1.068		
	4P		1.077		
2019	1P		1.087		
	2P		1.097		
	3P		1.107		
	4P		1.115		

CHANGE IN EXPOSURES	PRODUCTS
7/1/2014 to 7/1/2019	(2019:4/2014:4) 1.067
7/1/2015 to 7/1/2019	(2019:4/2015:4) 1.063
7/1/2016 to 7/1/2019	(2019:4/2016:4) 1.063

AVERAGE ANNUAL TREND FACTOR	
7/1/2014 to 7/1/2019	(5.0 YRS) 1.013
7/1/2015 to 7/1/2019	(4.0 YRS) 1.015
7/1/2016 to 7/1/2019	(3.0 YRS) 1.021

* 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>
12/31/2007	\$42,420,543	1,379	\$30,762	\$28,316		
12/31/2008	40,272,526	1,207	33,366	29,003		
12/31/2009	31,685,148	1,251	25,328	29,708	\$26,390	
12/31/2010	32,713,488	1,183	27,653	30,429	27,740	
12/31/2011	28,675,181	1,108	25,880	31,168	29,158	\$30,207
12/31/2012	38,712,344	1,036	37,367	31,925	30,648	31,397
12/31/2013	26,984,675	868	31,088	32,700	32,215	32,635
12/31/2014	23,834,350	657	36,278	33,494	33,862	33,922
12/31/2015	23,912,777	621	38,507	34,307	35,593	35,259
12/31/2016	18,995,085	588	32,305	35,140	37,412	36,649
Goodness of Fit Statistic, R-Squared:				0.241	0.540	0.236
Average Annual Severity Trend (10 yr)				+ 2.4%		
Average Annual Severity Trend (8 yr)				+ 5.1%		
Average Annual Severity Trend (6 yr)				+ 3.9%		
Selected Annual Severity Trend				+ 2.5%		

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

(1) Accident Year Ending	(2) Basic Limit Paid Losses *	(3) Paid Occurrences	(4) (2)/(3) Actual Severity	(5) Exponential Curve of Best Fit to Col (4)		
				10 Year	8 Year	6 Year
12/31/2007	\$46,129,603	1,431	\$32,236	\$31,898		
12/31/2008	51,324,935	1,449	35,421	33,856		
12/31/2009	61,006,404	1,517	40,215	35,933	\$34,915	
12/31/2010	54,299,783	1,586	34,237	38,139	37,289	
12/31/2011	46,602,267	1,328	35,092	40,479	39,825	\$37,600
12/31/2012	57,849,826	1,239	46,691	42,964	42,533	40,938
12/31/2013	49,470,838	1,126	43,935	45,601	45,425	44,572
12/31/2014	48,130,952	1,006	47,844	48,399	48,514	48,529
12/31/2015	42,211,125	891	47,375	51,370	51,813	52,837
12/31/2016	49,681,833	801	62,025	54,522	55,336	57,527

Goodness of Fit Statistic, R-Squared: 0.789 0.710 0.760

Average Annual Severity Trend (10 yr) + 6.1%

Average Annual Severity Trend (8 yr) + 6.8%

Average Annual Severity Trend (6 yr) + 8.9%

Selected Annual Severity Trend + 6.5%

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

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

(See Section B - Explanation of Trend Calculation).

PRODUCTS

FREQUENCY TREND MULTISTATE

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

Bodily Injury and Property Damage Combined

(1) Accident Year <u>Ending</u>		(2) Aggregate Loss Costs at <u>Current Level</u>	(3) Occurrences at <u>Ultimate</u> ¹	(4) Occurrence Frequency <u>(3)/(2)</u> ²
12/31/2003	\$	105,363,415	3,915	37.16
12/31/2004		115,571,937	3,549	30.71
12/31/2005		112,417,336	2,932	26.08
12/31/2006		110,489,840	2,991	27.07
12/31/2007		112,838,232	3,312	29.35
12/31/2008		120,185,990	3,195	26.59
12/31/2009		122,010,236	3,456	28.32
12/31/2010		129,948,988	3,458	26.61
12/31/2011		133,428,615	3,145	23.57
12/31/2012		148,535,277	3,286	22.12
12/31/2013		148,183,605	3,211	21.67
12/31/2014		151,540,686	2,930	19.34
12/31/2015		159,697,036	2,593	16.23
12/31/2016		165,289,404	2,502	15.14

Selected Annual Frequency Trend: - 1.0%

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

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

CLASS GROUPS AND CALCULATION OF PROPOSED CLASS LOSS COSTS

Explanatory Notes

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

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

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

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

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

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

K = The number of classes within the class group.

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

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

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

*Note: The latest year of ALCCL in this filing reflects the full implementation of monoline/multiline data versus the prior filing.

CLASS GROUPS AND CALCULATION OF PROPOSED CLASS LOSS COSTS

Explanatory Notes (Cont'd)

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

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

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

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

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

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

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

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

Change Factor = (Index) (Class Group Relative Change) (SWRL) (Off balance factor)

where "SWRL" is the selected multistate monoline loss cost level change.

The off balance factor of 1.000 results from capping.

*Note: The latest year of ALCCL in this filing reflects the full implementation of monoline/multiline data versus the prior filing.

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 * .971 * .920

CLASS	AYE 2016 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	286535	1340543	1.39693	.1527	.981	1.041	.930	.022	.020	-9.1	.022	.020
10141	630446	2982738	1.05092	.2420	.941	.999	.892	.025	.022	-12.0	.025	.022
12361	2989917	14424476	1.09537	.5630	1.013	1.075	.960	.095	.091	-4.2	.095	.091
12373	290841	1102394	.82248	.1380	.895	.950	.849	.036	.031	-13.9	.036	.031
13049	279928	1292128	1.37321	.1497	.976	1.036	.925	.063	.058	-7.9	.063	.058
13111	87922	478725	.25164	.0968	.843	.895	.800	.141	.113	-19.9	.141	.113
13112	2231664	9697164	1.62379	.4703	1.244	1.321	1.180	.070	.083	18.6	.070	.083
13621	679238	3392055	1.30611	.2614	1.011	1.073	.959	.440	.420	-4.5	.440	.420
13670	410386	1803204	.99749	.1799	.923	.980	.875	.015	.013	-13.3	.015	.013
15223	1297818	6333636	.95336	.3762	.924	.981	.876	.040	.035	-12.5	.040	.035
15406	272053	1456859	1.43406	.1597	.991	1.052	.940	.050	.047	-6.0	.050	.047
16604	2948785	14744182	.66877	.5681	.771	.818	.731	.290	.212	-26.9	.290	.212
51300	22341	35571	.00000	.0651	.847	.899	.803	.260	.209	-19.6	.260	.209
51305	30346	62943	.15774	.0672	.856	.909	.812	1.510	1.230	-18.5	1.510	1.230
51315	1095109	4769267	.83276	.3200	.883	.937	.837	.139	.116	-16.5	.139	.116
51350	342815	1320770	.65753	.1515	.869	.923	.825	.214	.177	-17.3	.214	.177
51351	30090	108180	.24736	.0705	.860	.913	.816	.066	.054	-18.2	.066	.054
51352	168349	726102	.08959	.1136	.814	.864	.772	.179	.138	-22.9	.179	.138
51355	227300	1217510	.62955	.1451	.866	.919	.821	.141	.116	-17.7	.141	.116
51356	86833	367318	.36166	.0891	.858	.911	.814	1.050	.850	-19.0	1.050	.850
51357	2374	13007	.00000	.0635	.849	.901	.805	.540	.430	-20.4	.540	.430
51358	19137	73456	.43626	.0679	.875	.929	.830	.211	.175	-17.1	.211	.175
51359	115604	414314	1.02740	.0924	.918	.975	.871	1.160	1.010	-12.9	1.160	1.010
51752	1088255	4522385	.68227	.3102	.837	.889	.794	.250	.199	-20.4	.250	.199
52002	1894665	7730168	.97824	.4191	.937	.995	.889	.126	.112	-11.1	.126	.112
53001	4021245	17746480	.91562	.6108	.912	.968	.865	.440	.380	-13.6	.440	.380
53374	10747423	40825945	1.05350	.7790	1.021	1.084	.968	.470	.450	-4.3	.470	.450
53375	2634570	9800064	1.16713	.4728	1.030	1.093	.976	.250	.244	-2.4	.250	.244
53376	657530	3161820	1.03889	.2506	.940	.998	.892	.238	.212	-10.9	.238	.212
53377	3857952	18553416	.82398	.6209	.855	.908	.811	.330	.270	-18.2	.330	.270
53565	407470	1347272	.24356	.1531	.805	.855	.764	.207	.158	-23.7	.207	.158
55371	57617	257090	.00000	.0813	.833	.884	.790	.200	.158	-21.0	.200	.158
56488	56317	277686	2.79880	.0827	1.063	1.128	1.008	.039	.039	0.0	.039	.039
56758	135522	609129	.62977	.1058	.877	.931	.832	.214	.178	-16.8	.214	.178
56759	1255898	4876866	.76284	.3242	.860	.913	.816	.144	.118	-18.1	.144	.118
56760	2472336	11619461	.91119	.5124	.909	.965	.862	.147	.127	-13.6	.147	.127
57002	498804	1441973	.56981	.1588	.853	.906	.809	.161	.130	-19.3	.161	.130

X-TILDE: .942 X-TILDE (MONOLINE): .942 PI-TILDE: .0038509
 TAU SQUARED: .03000 SIGMA SQUARED: 377831.41706

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 * .971 * .920

CLASS	AYE 2016 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	328807	1386742	.24004	.1555	.803	.852	.761	.066	.050	-24.2	.066	.050
57913	1661751	6843455	.37278	.3926	.697	.740	.661	.590	.430	-27.1	.590	.430
59537	206516	1080934	1.60679	.1366	1.002	1.064	.950	.181	.172	-5.0	.181	.172
59647	94274	347517	.49463	.0877	.870	.924	.825	.249	.205	-17.7	.249	.205
59904	23935	145878	.00000	.0732	.840	.892	.797	.101	.080	-20.8	.101	.080
59905	140299	758546	1.43666	.1158	.968	1.028	.918	.150	.138	-8.0	.150	.138
59925	1570	11652	.63851	.0634	.890	.945	.844	1.250	1.060	-15.2	1.250	1.060
59926	405683	2048118	.75506	.1936	.877	.931	.832	.590	.490	-16.9	.590	.490
59927	43906	197856	2.84599	.0770	1.056	1.121	1.001	1.710	1.710	0.0	1.710	1.710
59963	43287	200676	.06696	.0772	.842	.894	.799	.670	.540	-19.4	.670	.540
59964	260301	1112678	1.05928	.1386	.928	.985	.880	.075	.066	-12.0	.075	.066

L

X-TILDE: .942 X-TILDE (MONOLINE): .942 PI-TILDE: .0038509
 TAU SQUARED: .03000 SIGMA SQUARED: 377831.41706

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

LOSS COST % CHANGE BY CLASS

SUBLINE: PRODUCTS

CLASS GROUP: 04

NUMBER OF YEARS OF DATA USED: 5

CHANGE FACTOR = INDEX * CG REL * SWRL USED = INDEX * 1.030 * .920

CLASS	AYE 2016 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	228467	900106	.21395	.1051	1.087	.946	.896	.250	.224	-10.4	.250	.224
10040	986402	4785475	1.07411	.2095	1.165	1.014	.961	.310	.300	-3.2	.310	.300
10070	2143866	10085405	1.22279	.3179	1.200	1.044	.989	.143	.141	-1.4	.143	.141
10101	374669	2053349	1.04294	.1389	1.169	1.017	.964	.198	.191	-3.5	.198	.191
10111	216901	889617	.57699	.1048	1.125	.979	.928	.106	.098	-7.5	.106	.098
10255	3519002	15027370	.81393	.3953	1.041	.906	.859	.177	.152	-14.1	.177	.152
10256	12259	68755	1.06600	.0791	1.180	1.027	.973	.162	.158	-2.5	.162	.158
10257	3367246	13942453	1.10969	.3799	1.159	1.009	.956	.196	.187	-4.6	.196	.187
11126	279910	1461119	.65076	.1219	1.124	.978	.927	.026	.024	-7.7	.026	.024
11203	9814	52420	.00000	.0786	1.096	.954	.904	.720	.650	-9.7	.720	.650
11248	10890	89109	.43652	.0798	1.129	.983	.931	.024	.022	-8.3	.024	.022
12391	2097449	10362269	1.02446	.3228	1.136	.989	.937	.107	.100	-6.5	.107	.100
12509	67360	358313	.06261	.0884	1.090	.949	.899	.052	.047	-9.6	.052	.047
12651	792808	3493121	.91791	.1776	1.141	.993	.941	.590	.560	-5.1	.590	.560
12707	267435	1314061	1.33533	.1176	1.207	1.050	.995	.790	.790	0.0	.790	.790
12797	1086080	5075136	1.04326	.2163	1.158	1.008	.955	.176	.168	-4.5	.176	.168
13201	24245	144049	.11562	.0816	1.102	.959	.909	.221	.201	-9.0	.221	.201
13204	1378333	8413145	1.66553	.2871	1.326	1.154	1.094	1.130	1.240	9.7	1.130	1.240
13205	428027	2030660	1.61270	.1382	1.248	1.086	1.029	.440	.450	2.3	.440	.450
13314	353	1647	.00000	.0770	1.098	.956	.906	.022	.020	-9.1	.022	.020
13410	4334483	21611585	1.12173	.4747	1.157	1.007	.954	2.670	2.550	-4.5	2.670	2.550
13412	916739	5600861	1.62444	.2284	1.289	1.122	1.063	1.040	1.110	6.7	1.040	1.110
13590	4664260	20333053	.99408	.4610	1.099	.956	.906	.850	.770	-9.4	.850	.770
13715	1912415	9506921	1.22041	.3076	1.199	1.044	.989	.153	.151	-1.3	.153	.151
13930	1022777	4572268	1.41203	.2044	1.235	1.075	1.019	.201	.205	2.0	.201	.205
14068	11254	51082	.00000	.0786	1.096	.954	.904	.020	.018	-10.0	.020	.018
14527	454694	2033494	1.21094	.1383	1.192	1.037	.983	.206	.202	-1.9	.206	.202
14855	105309	378304	.37460	.0890	1.117	.972	.921	.217	.200	-7.8	.217	.200
16005	494353	2468243	.97407	.1504	1.157	1.007	.954	.042	.040	-4.8	.042	.040
16009	25984	122953	5.81473	.0809	1.564	1.361	1.290	.059	.073	23.7	.059	.073
16527	6181688	29550110	1.17291	.5465	1.180	1.027	.973	.430	.420	-2.3	.430	.420
16705	281319	965475	.50858	.1071	1.117	.972	.921	.188	.173	-8.0	.188	.173
16750	523344	1811536	.48608	.1320	1.097	.955	.905	.045	.041	-8.9	.045	.041
18205	732829	2923601	.92405	.1627	1.146	.997	.945	.380	.360	-5.3	.380	.360
18616	3291039	14489472	.95268	.3878	1.098	.956	.906	.670	.610	-9.0	.670	.610
18707	13046	64436	14.61194	.0790	2.250	1.958	1.855	.003	.003	0.0	.003	.003
45771	280375	1428124	1.39608	.1209	1.214	1.057	1.002	.220	.220	0.0	.220	.220

X-TILDE: 1.089 X-TILDE (MONOLINE): 1.149 PI-TILDE: .0048080
TAU SQUARED: .03000 SIGMA SQUARED: 856182.73985

L - CAPPED DOWN
U - CAPPED UP
N - NOT SUBJECT TO CAPPING
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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 * 1.030 * .920

CLASS	AYE 2016 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	583731	2893811	.71510	.1619	1.113	.969	.918	.065	.060	-7.7	.065	.060
53907	2944297	11479111	.89264	.3417	1.088	.947	.897	.155	.139	-10.3	.155	.139

X-TILDE: 1.089 X-TILDE (MONOLINE): 1.149 PI-TILDE: .0048080
 TAU SQUARED: .03000 SIGMA SQUARED: 856182.73985

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 * 1.023 * .920

CLASS	AYE 2016 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	2187	9520	.94916	.1521	1.001	.870	.819	.088	.072	-18.2	.088	.072	
51575	371570	1770230	.90492	.4157	.967	.841	.792	.035	.028	-20.0	.035	.028	
51576	297861	1164982	.35678	.3458	.785	.683	.643	.138	.100	-27.5	.138	.100	L
51613	170652	765272	.64516	.2896	.905	.787	.741	.270	.200	-25.9	.270	.200	
51666	52577	263107	3.54953	.2038	1.528	1.329	1.251	.102	.127	24.5	.102	.127	U
51767	3797	20169	.00000	.1544	.855	.743	.699	.016	.012	-25.0	.016	.012	L
51833	2228	60414	.17314	.1630	.874	.760	.715	.142	.103	-27.5	.142	.103	L
51869	220655	849344	.84807	.3022	.962	.837	.788	.241	.190	-21.2	.241	.190	
51889	1455	13942	.00000	.1530	.856	.744	.700	.027	.020	-25.9	.027	.020	L
51941	1762438	8445321	1.35482	.7318	1.263	1.098	1.033	.044	.045	2.3	.044	.045	
52469	2058347	12058301	1.33857	.7925	1.271	1.105	1.040	.096	.100	4.2	.096	.100	
55647	733277	3183484	.76890	.5324	.882	.767	.722	.110	.080	-27.3	.110	.080	L
55802	37984	231433	.58448	.1977	.926	.805	.758	.017	.013	-23.5	.017	.013	
56040	1231	9330	.04212	.1520	.864	.751	.707	.078	.057	-26.9	.078	.057	L
57257	27871	129560	4.26843	.1774	1.589	1.382	1.301	.040	.050	25.0	.040	.050	U
57410	40506	199087	.00000	.1913	.817	.710	.668	.260	.188	-27.7	.260	.188	L
58503	29445	127839	2.80458	.1770	1.328	1.155	1.087	.071	.077	8.5	.071	.077	
58627	4699	25190	.00000	.1555	.854	.743	.699	.030	.022	-26.7	.030	.022	L
59257	1273	5975	.00000	.1513	.858	.746	.702	.028	.021	-25.0	.028	.021	L
59923	8696	127756	.00000	.1770	.832	.723	.680	.009	.007	-22.2	.009	.007	L

X-TILDE: 1.197 X-TILDE (MONOLINE): 1.150 PI-TILDE: .0073907
 TAU SQUARED: .06349 SIGMA SQUARED: 247194.86094

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

LOSS COST % CHANGE BY CLASS

SUBLINE: PRODUCTS

CLASS GROUP: 06

NUMBER OF YEARS OF DATA USED: 5

CHANGE FACTOR = INDEX * CG REL * SWRL USED = INDEX * .998 * .920

CLASS	AYE 2016 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	27049	189919	.00772	.0473	.902	.920	.845	.052	.044	-15.4	.052	.044
51001	112	29766	.00000	.0295	.918	.937	.860	.620	.530	-14.5	.620	.530
51116	605955	3222726	1.11911	.2931	.997	1.017	.934	.590	.550	-6.8	.590	.550
51240	77909	346246	.33787	.0641	.907	.926	.850	.250	.213	-14.8	.250	.213
51241	443702	2285855	1.22375	.2319	1.010	1.031	.947	.360	.340	-5.6	.360	.340
51330	223928	886060	.79059	.1177	.928	.947	.869	.490	.430	-12.2	.490	.430
51370	79668	386065	1.42074	.0683	.978	.998	.916	6.570	6.020	-8.4	6.570	6.020
51500	451339	2296676	.72398	.2327	.894	.912	.837	.149	.125	-16.1	.149	.125
51550	14576	82049	.05876	.0354	.915	.934	.858	.480	.410	-14.6	.480	.410
51551	9386	38006	2.62080	.0304	.997	1.017	.934	1.140	1.060	-7.0	1.140	1.060
51552	2185	12886	4.46034	.0276	1.043	1.064	.977	.173	.169	-2.3	.173	.169
51600	206412	934931	.20286	.1223	.855	.872	.801	.290	.232	-20.0	.290	.232
51734	10027	122030	.06754	.0398	.911	.930	.854	.420	.360	-14.3	.420	.360
51741	185377	826332	.91248	.1121	.942	.961	.882	.320	.280	-12.5	.320	.280
51777	162746	837668	.75708	.1132	.925	.944	.867	.097	.084	-13.4	.097	.084
51808	158657	738975	1.57347	.1037	1.011	1.032	.948	.800	.760	-5.0	.800	.760
51809	27763	112236	.00000	.0387	.909	.928	.852	.216	.184	-14.8	.216	.184
51877	98215	599954	.78483	.0901	.931	.950	.872	.300	.260	-13.3	.300	.260
51896	992041	4867817	.74708	.3799	.870	.888	.815	.028	.023	-17.9	.028	.023
51900	14186	88030	.72212	.0360	.938	.957	.879	.120	.105	-12.5	.120	.105
51909	371	1644	.00000	.0263	.921	.940	.863	.076	.066	-13.2	.076	.066
51926	370504	1867546	1.06851	.2010	.971	.991	.910	.054	.049	-9.3	.054	.049
51927	502460	2049477	.52516	.2147	.856	.873	.802	.157	.126	-19.7	.157	.126
51934	273201	912055	.01536	.1201	.834	.851	.781	.228	.178	-21.9	.228	.178
51956	2136644	9888094	.94535	.5489	.946	.965	.886	.340	.300	-11.8	.340	.300
51957	1435573	6451255	1.26743	.4454	1.089	1.111	1.020	.410	.420	2.4	.410	.420
51960	8762	48796	.00000	.0316	.916	.935	.858	.490	.420	-14.3	.490	.420
51982	18206	85066	.00000	.0357	.912	.931	.855	.116	.099	-14.7	.116	.099
51986	88768	449109	.08785	.0748	.882	.900	.826	.155	.128	-17.4	.155	.128
51999	188800	882991	.70910	.1174	.918	.937	.860	.630	.540	-14.3	.630	.540
52075	78004	290137	.16423	.0581	.901	.919	.844	.340	.290	-14.7	.340	.290
52134	2614995	12199671	1.12330	.5992	1.052	1.073	.985	.760	.750	-1.3	.760	.750
52315	536577	2244355	1.14768	.2289	.992	1.012	.929	.290	.270	-6.9	.290	.270
52505	65776	374260	1.10771	.0670	.957	.977	.897	.250	.224	-10.4	.250	.224
52547	270284	1294686	1.34296	.1544	1.007	1.028	.944	.099	.093	-6.1	.099	.093
52911	1687147	6128394	.93223	.4332	.940	.959	.881	.770	.680	-11.7	.770	.680
52967	27857	159701	.49045	.0440	.926	.945	.868	.085	.074	-12.9	.085	.074

X-TILDE: 1.000 X-TILDE (MONOLINE): .980 PI-TILDE: .0016768
 TAU SQUARED: .03000 SIGMA SQUARED: 255944.83267

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

LOSS COST % CHANGE BY CLASS

SUBLINE: PRODUCTS

CLASS GROUP: 06

NUMBER OF YEARS OF DATA USED: 5

CHANGE FACTOR = INDEX * CG REL * SWRL USED = INDEX * .998 * .920

CLASS	AYE 2016 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	47284	444058	.07715	.0743	.881	.899	.825	.650	.540	-16.9	.650	.540
53333	121511	433163	1.87578	.0731	1.014	1.035	.950	.250	.238	-4.8	.250	.238
53631	481	1880	.00000	.0263	.921	.940	.863	.029	.025	-13.8	.029	.025
53632	1829	8837	.00000	.0271	.920	.939	.862	.046	.040	-13.0	.046	.040
53732	2257557	10448562	.90311	.5622	.922	.941	.864	.700	.600	-14.3	.700	.600
53733	4729147	20119397	.94585	.7100	.946	.965	.886	.290	.260	-10.3	.290	.260
54077	670360	3243171	1.81876	.2943	1.203	1.228	1.128	.350	.390	11.4	.350	.390
55010	97939	756919	1.19814	.1055	.973	.993	.912	1.370	1.250	-8.8	1.370	1.250
55011	349230	2176753	.92597	.2241	.942	.961	.882	1.290	1.140	-11.6	1.290	1.140
55012	45144	166233	1.71449	.0447	.980	1.000	.918	1.440	1.320	-8.3	1.440	1.320
55013	360739	1724107	.98379	.1898	.953	.972	.892	1.180	1.050	-11.0	1.180	1.050
55214	1531	6633	.00000	.0268	.921	.940	.863	.119	.103	-13.4	.119	.103
55715	63454	204041	.01736	.0488	.901	.919	.844	.320	.270	-15.6	.320	.270
55716	52695	174256	2.97540	.0456	1.039	1.060	.973	.610	.590	-3.3	.610	.590
56202	522403	2227283	.49488	.2277	.843	.860	.790	.159	.126	-20.8	.159	.126
56390	233506	857290	2.01348	.1150	1.069	1.091	1.002	.620	.620	0.0	.620	.620
56391	1258966	5429143	.85484	.4048	.909	.928	.852	.420	.360	-14.3	.420	.360
56427	19209	129948	.00000	.0407	.908	.927	.851	.172	.146	-15.1	.172	.146
56690	1240	20800	.00000	.0285	.919	.938	.861	.490	.420	-14.3	.490	.420
56699	231959	844387	.37147	.1138	.881	.899	.825	.062	.051	-17.7	.062	.051
56916	870894	3671963	.50155	.3191	.804	.820	.753	.260	.196	-24.6	.260	.196
57090	160937	522113	.69352	.0823	.925	.944	.867	.820	.710	-13.4	.820	.710
57401	8703	42374	.00000	.0309	.917	.936	.859	.131	.113	-13.7	.131	.113
57403	1175	4877	.00000	.0266	.921	.940	.863	.048	.041	-14.6	.048	.041
57572	97625	541952	1.14274	.0843	.963	.983	.903	.118	.107	-9.3	.118	.107
57600	67579	259633	.00000	.0549	.894	.912	.837	.047	.039	-17.0	.047	.039
57611	87353	438588	.32675	.0737	.900	.918	.843	.089	.075	-15.7	.089	.075
57690	424399	2075748	.42068	.2167	.832	.849	.780	.820	.640	-22.0	.820	.640
57716	393623	1940465	.62120	.2066	.879	.897	.824	.129	.106	-17.8	.129	.106
57725	950888	3789596	1.32248	.3256	1.069	1.091	1.002	.094	.094	0.0	.094	.094
57726	52772	354931	.69602	.0650	.930	.949	.871	.022	.019	-13.6	.022	.019
57810	4490	25486	.00000	.0290	.919	.938	.861	.146	.126	-13.7	.146	.126
57871	47859	243340	1.54026	.0531	.978	.998	.916	.139	.127	-8.6	.139	.127
57998	31661	163805	.00000	.0444	.904	.922	.847	.079	.067	-15.2	.079	.067
57999	8297	47221	.26770	.0314	.925	.944	.867	.093	.081	-12.9	.093	.081
58095	1683731	6993282	1.12132	.4648	1.027	1.048	.962	2.030	1.950	-3.9	2.030	1.950
58096	1611740	5762257	1.04823	.4187	.989	1.009	.926	1.150	1.060	-7.8	1.150	1.060

X-TILDE: 1.000 X-TILDE (MONOLINE): .980 PI-TILDE: .0016768
 TAU SQUARED: .03000 SIGMA SQUARED: 255944.83267

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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 * .998 * .920

CLASS	AYE 2016 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	65797	256041	2.40637	.0545	1.026	1.047	.961	.090	.086	-4.4	.090	.086
58302	82119	320092	.26290	.0613	.904	.922	.847	.075	.064	-14.7	.075	.064
58397	1409992	6088201	1.16722	.4317	1.042	1.063	.976	.990	.970	-2.0	.990	.970
58575	15932	126621	.07585	.0403	.911	.930	.854	.167	.143	-14.4	.167	.143
58663	1172367	5871890	1.46717	.4231	1.167	1.191	1.094	1.710	1.870	9.4	1.710	1.870
58802	60984	267867	.63835	.0557	.929	.948	.870	.570	.500	-12.3	.570	.500
58837	7735	53021	.11612	.0321	.919	.938	.861	.153	.132	-13.7	.153	.132
58840	4558	10518	.00000	.0273	.920	.939	.862	.149	.128	-14.1	.149	.128
58873	259632	1215611	1.06025	.1475	.963	.983	.903	.038	.034	-10.5	.038	.034
58904	20441	64515	.00000	.0334	.914	.933	.857	.177	.152	-14.1	.177	.152
58922	1401209	6331794	1.36625	.4410	1.131	1.154	1.060	.227	.241	6.2	.227	.241
59005	368329	1801857	.42586	.1959	.844	.861	.791	.137	.108	-21.2	.137	.108
59188	201	1026	.00000	.0262	.921	.940	.863	.075	.065	-13.3	.075	.065
59189	3337	26363	.00000	.0291	.918	.937	.860	.410	.350	-14.6	.410	.350
59223	149087	973076	.84616	.1258	.933	.952	.874	.099	.087	-12.1	.099	.087
59378	0	128	.00000	.0261	.921	.940	.863	.203	.175	-13.8	.203	.175
59481	98914	454197	.23948	.0753	.893	.911	.836	.121	.101	-16.5	.121	.101
59701	13913	62045	1.58412	.0331	.967	.987	.906	.250	.227	-9.2	.250	.227
59713	401828	1807222	1.13841	.1963	.984	1.004	.922	.400	.370	-7.5	.400	.370
59722	78446	382234	.87255	.0678	.941	.960	.881	.041	.036	-12.2	.041	.036
59723	41181	260023	.57405	.0549	.926	.945	.868	.051	.044	-13.7	.051	.044
59726	146044	852894	1.39103	.1146	.997	1.017	.934	.028	.026	-7.1	.028	.026
59738	27408	123616	.00000	.0400	.908	.927	.851	.090	.077	-14.4	.090	.077
59773	0	1044	.00000	.0262	.921	.940	.863	.037	.032	-13.5	.037	.032
59774	0	156	.00000	.0261	.921	.940	.863	.203	.175	-13.8	.203	.175
59775	0	0	.00000	.0000	.000	.000	.000	.230	.211	-8.3	.230	.211
59798	1049902	3757841	1.19999	.3239	1.028	1.049	.963	.550	.530	-3.6	.550	.530
59886	33311	191841	.00000	.0475	.901	.919	.844	.155	.131	-15.5	.155	.131
59889	27447	132205	.08057	.0409	.911	.930	.854	.198	.169	-14.6	.198	.169
59914	933219	4458495	1.04790	.3604	.983	1.003	.921	.760	.700	-7.9	.760	.700
59915	268058	745693	1.13786	.1044	.966	.986	.905	.970	.880	-9.3	.970	.880
59917	69641	349692	3.92012	.0644	1.138	1.161	1.066	.154	.164	6.5	.154	.164
59931	239419	1025422	.83183	.1306	.931	.950	.872	.790	.690	-12.7	.790	.690
59932	82568	329574	.00000	.0623	.887	.905	.831	1.340	1.110	-17.2	1.340	1.110
59947	35356	140817	1.03518	.0419	.950	.969	.890	.440	.390	-11.4	.440	.390
59955	40435	103876	.00000	.0378	.910	.929	.853	.200	.171	-14.5	.200	.171
59970	26462	114061	.00000	.0389	.909	.928	.852	.249	.212	-14.9	.249	.212

X-TILDE: 1.000 X-TILDE (MONOLINE): .980 PI-TILDE: .0016768
 TAU SQUARED: .03000 SIGMA SQUARED: 255944.83267

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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 * .998 * .920

CLASS	AYE 2016 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	598205	2713850	1.53298	.2611	1.099	1.121	1.029	.230	.237	3.0	.230	.237
59984	45019	182445	1.01819	.0465	.949	.968	.889	.072	.064	-11.1	.072	.064
59988	3221	23883	.00000	.0288	.919	.938	.861	.080	.069	-13.7	.080	.069
59989	20	109	.00000	.0261	.921	.940	.863	.060	.052	-13.3	.060	.052

X-TILDE: 1.000 X-TILDE (MONOLINE): .980 PI-TILDE: .0016768
 TAU SQUARED: .03000 SIGMA SQUARED: 255944.83267

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 U - CAPPED UP
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LOSS COST % CHANGE BY CLASS

SUBLINE: PRODUCTS

CLASS GROUP: 07

NUMBER OF YEARS OF DATA USED: 5

CHANGE FACTOR = INDEX * CG REL * SWRL USED = INDEX * .996 * .920

CLASS	AYE 2016 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	151721	910600	.62620	.2324	.882	.914	.838	.990	.830	-16.2	.990	.830	
50010	89519	446995	.07603	.1688	.810	.839	.769	1.060	.820	-22.6	1.060	.820	
51205	3047	10319	.00000	.0986	.865	.896	.821	.135	.111	-17.8	.135	.111	
51206	8774	28449	.00000	.1017	.862	.893	.818	.750	.610	-18.7	.750	.610	
51220	104581	493261	1.50612	.1756	1.055	1.093	1.002	3.240	3.250	0.3	3.240	3.250	
51221	641597	3109012	1.21267	.4365	1.070	1.109	1.016	2.400	2.440	1.7	2.400	2.440	
51222	299070	962484	1.48776	.2389	1.086	1.125	1.031	3.280	3.380	3.0	3.280	3.380	
51224	1244454	4800901	1.09124	.5323	1.030	1.067	.978	1.220	1.190	-2.5	1.220	1.190	
51230	0	0	.00000	.0000	.000	.000	.000	.960	.880	-8.3	.960	.880	
51252	2578056	10616655	.76895	.7047	.825	.855	.783	.141	.110	-22.0	.141	.110	
51254	3359	12528	.00000	.0990	.864	.895	.820	.073	.060	-17.8	.073	.060	
51333	130284	519546	1.69520	.1795	1.092	1.132	1.037	.330	.340	3.0	.330	.340	
51958	369261	1728622	.38579	.3236	.774	.802	.735	.530	.390	-26.4	.530	.390	
51970	755383	3655867	1.21465	.4715	1.080	1.119	1.025	.247	.250	1.2	.247	.250	
52433	55323	435243	.74748	.1671	.924	.958	.878	1.660	1.460	-12.0	1.660	1.460	
52581	428783	2982085	.18555	.4278	.628	.651	.597	7.390	5.330	-27.9	7.390	5.330	L
52744	0	65977	2.53199	.1082	1.130	1.171	1.073	.117	.126	7.7	.117	.126	
53077	337424	2122678	.88923	.3602	.934	.968	.887	.280	.248	-11.4	.280	.248	
55597	0	0	.00000	.0000	.000	.000	.000	2.170	1.990	-8.3	2.170	1.990	
55918	1948	59317	.00000	.1070	.857	.888	.814	5.280	4.300	-18.6	5.280	4.300	
55919	0	21	.00000	.0968	.867	.898	.823	5.900	4.860	-17.6	5.900	4.860	
56912	787481	3682847	2.19754	.4731	1.545	1.601	1.467	.084	.105	25.0	.084	.105	U
57146	386531	2060394	.78376	.3547	.897	.930	.852	.860	.730	-15.1	.860	.730	
58737	99144	368765	1.66397	.1571	1.070	1.109	1.016	.990	1.010	2.0	.990	1.010	
59601	115886	414648	2.31973	.1640	1.183	1.226	1.123	2.720	3.050	12.1	2.720	3.050	
59660	440852	2683829	1.40110	.4060	1.139	1.180	1.081	1.110	1.200	8.1	1.110	1.200	
59724	60517	191109	.02404	.1291	.839	.869	.796	.039	.031	-20.5	.039	.031	
59725	630168	2863076	.88296	.4193	.927	.961	.881	.117	.103	-12.0	.117	.103	
59750	11443	55748	.92550	.1064	.956	.991	.908	.310	.280	-9.7	.310	.280	
59781	712186	3582835	.70069	.4671	.839	.869	.796	.110	.088	-20.0	.110	.088	
59782	614886	2806373	.56524	.4151	.796	.825	.756	.910	.690	-24.2	.910	.690	

X-TILDE: .975 X-TILDE (MONOLINE): .965 PI-TILDE: .0059290
 TAU SQUARED: .06319 SIGMA SQUARED: 325798.37109

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SECTION G
SUPPORTING MATERIAL -- LOCAL PRODUCTS/COMPLETED OPERATIONS
TABLE OF CONTENTS

• Calculation of Aggregate Loss Costs at Current Level and Incurred Losses	G-2-4
• Implicit Package Modification Factors	G-5
• Calculation of Exposure Development Factors	G-6-8
• Table of Contents - Loss Development	G-9
• Loss Development Data	G-10-45
• Multistate Review of ULAE Experience	G-46
• Trend Summary	G-47
• Trend Data	G-48-51
• Class Groups and Calculation of Proposed Class Loss Costs	G-52-61

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	12/31/2014	\$86,030,352	1.000	1.136		\$97,730,480
	12/31/2015	91,018,661	1.000	1.116		101,576,826
	12/31/2016	99,418,872	1.022	1.083		110,039,392
MULTILINE	12/31/2014	\$208,205,495	1.000	1.136	0.970	\$229,425,799
	12/31/2015	219,672,617	1.000	1.115	0.972	238,076,789
	12/31/2016	227,028,856	1.022	1.085	0.975	245,451,850
TOTAL	12/31/2014					\$327,156,279
	12/31/2015					339,653,615
	12/31/2016					355,491,242

+ 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 7/1/2018 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

			\$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
REPORT TYPE	LOSS DESCRIPTION	ACCIDENT YEAR ENDING												
BI	B/L INDEMNITY	12/31/2014	22,069,943		1.080		1.085		1.131		1.000			29,240,564
		12/31/2015	15,202,025		1.423		1.085		1.104		1.000			25,907,009
		12/31/2016	10,080,922		2.065		1.085		1.077		1.000			24,328,001
BI	ALAE	12/31/2014	20,094,808		1.000		1.085		1.131		1.000			24,659,042
		12/31/2015	18,522,294		1.000		1.085		1.104		1.000			22,186,745
		12/31/2016	16,461,817		1.000		1.085		1.077		1.000			19,236,374
PD	B/L INDEMNITY	12/31/2014	62,856,068		1.217		1.085		1.217		1.000			101,029,988
		12/31/2015	60,323,196		1.289		1.085		1.170		1.000			98,743,796
		12/31/2016	48,449,381		1.451		1.085		1.125		1.000			85,820,255
PD	ALAE	12/31/2014	72,546,527		1.000		1.085		1.217		1.000			95,793,699
		12/31/2015	74,641,881		1.000		1.085		1.170		1.000			94,754,136
		12/31/2016	65,166,753		1.000		1.085		1.125		1.000			79,544,168
TOTAL FULL COVERAGE		12/31/2014												250,723,293
		12/31/2015												241,591,685
		12/31/2016												208,928,798

* 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

			\$100,000						\$100,000
		ACCIDENT	BASIC	BASIC LIMIT	UNALLOCATED				BASIC LIMIT
		YEAR	LIMIT	DEVELOPMENT	LOSS ADJ.	SEVERITY	FREQUENCY		DEVELOPED &
		ENDING	LOSSES	X FACTOR	X FACTOR	X TREND	X TREND	=	TRENDED LOSS
REPORT TYPE	LOSS DESCRIPTION								AND LAE
BI	B/L INDEMNITY	12/31/2014	4,302,330	1.120	1.085	1.131	1.000		5,910,624
		12/31/2015	2,423,222	1.522	1.085	1.104	1.000		4,417,128
		12/31/2016	1,758,871	2.713	1.085	1.077	1.000		5,576,550
BI	ALAE	12/31/2014	5,327,991	1.000	1.085	1.131	1.000		6,538,164
		12/31/2015	3,279,671	1.000	1.085	1.104	1.000		3,928,521
		12/31/2016	4,264,661	1.000	1.085	1.077	1.000		4,983,448
PD	B/L INDEMNITY	12/31/2014	16,348,563	1.469	1.085	1.217	1.000		31,709,565
		12/31/2015	19,733,502	1.608	1.085	1.170	1.000		40,274,585
		12/31/2016	16,104,737	1.923	1.085	1.125	1.000		37,797,640
PD	ALAE	12/31/2014	19,262,792	1.000	1.085	1.217	1.000		25,435,457
		12/31/2015	28,417,281	1.000	1.085	1.170	1.000		36,074,317
		12/31/2016	27,770,443	1.000	1.085	1.125	1.000		33,897,297
TOTAL									
DED COVERAGE		12/31/2014							69,593,811
		12/31/2015							84,694,551
		12/31/2016							82,254,936
TOTAL									
OCCURRENCE		12/31/2014							320,317,104
		12/31/2015							326,286,236
		12/31/2016							291,183,734

* 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	1.413
35	Not Applicable	--
36	Service Policy	1.197
37	Industrial/Processing Policy	1.388
38	Contractors Policy	0.947

(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	1.023	1.015	0.7493	1.017	6,000,000
27 to 39 Months	1.000	1.000	0.5321	1.000	15,000,000
Accident Year Ending	Exposure Development From				Factor
	<u>27:15</u>	<u>39:27</u>	<u>ULT:39</u>		
12/31/2014			1.000		1.000
12/31/2015		1.000	1.000		1.000
12/31/2016	1.017	1.000	1.000		1.017

(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
12/31/2009	5,633,163	5,540,224	5,533,245	5,534,944	5,534,944	5,534,944	5,534,830	5,534,830
12/31/2010	5,117,044	5,149,408	5,147,953	5,147,764	5,147,229	5,147,144	5,147,144	
12/31/2011	5,064,749	5,148,245	5,142,412	5,137,887	5,137,887	5,137,897		
12/31/2012	5,128,679	5,274,593	5,274,468	5,274,986	5,274,866			
12/31/2013	5,672,585	5,719,013	5,718,765	5,718,551				
12/31/2014	5,953,421	6,066,848	6,065,237					
12/31/2015	6,305,081	6,376,613						
12/31/2016	6,512,734							

LINK RATIOS

Accident Year Ending	27:15	39:27	51:39	63:51	75:63	87:75	99:87
12/31/2009	0.984	0.999	1.000	1.000	1.000	1.000	1.000
12/31/2010	1.006	1.000	1.000	1.000	1.000	1.000	
12/31/2011	1.016	0.999	0.999	1.000	1.000		
12/31/2012	1.028	1.000	1.000	1.000			
12/31/2013	1.008	1.000	1.000				
12/31/2014	1.019	1.000					
12/31/2015	1.011						
12/31/2016							

Average Best 3 of 5

<u>27:15</u>	<u>39:27</u>
1.015	1.000

MULTISTATE
LOCAL PRODUCTS/COMPLETED OPERATIONS

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

Accident Year Ending	<u>15 Months</u>	<u>27 Months</u>	<u>39 Months</u>	<u>51 Months</u>	<u>63 Months</u>	<u>75 Months</u>	<u>87 Months</u>	<u>99 Months</u>
12/31/2009	459,355,022	448,901,100	448,256,165	448,255,900	448,361,832	448,355,142	448,349,165	448,349,165
12/31/2010	432,044,757	432,440,517	432,295,436	432,295,523	432,277,494	432,264,611	432,266,788	
12/31/2011	437,856,239	446,495,506	446,246,631	446,254,931	446,203,429	446,216,064		
12/31/2012	472,856,867	483,289,074	483,278,313	483,175,362	483,195,360			
12/31/2013	531,625,042	543,940,239	543,685,470	543,580,522				
12/31/2014	589,663,243	605,030,130	604,691,306					
12/31/2015	621,802,372	636,931,772						
12/31/2016	642,234,264							

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>
12/31/2009	0.977	0.999	1.000	1.000	1.000	1.000	1.000
12/31/2010	1.001	1.000	1.000	1.000	1.000	1.000	
12/31/2011	1.020	0.999	1.000	1.000	1.000		
12/31/2012	1.022	1.000	1.000	1.000			
12/31/2013	1.023	1.000	1.000				
12/31/2014	1.026	0.999					
12/31/2015	1.024						
12/31/2016							

Average Best 3 of 5

<u>27:15</u>	<u>39:27</u>
1.023	1.000

LOCAL PRODUCTS/COMPLETED OPERATIONS LOSS DEVELOPMENT DATA
TABLE OF CONTENTS

COMPLETED OPERATIONS

Calculation of State Loss Development Factors	G-10-13
State BI Indemnity	G-14-15
State BI ALAE	G-16
State PD Indemnity	G-17-18
State PD ALAE	G-19
Multistate BI Indemnity-Full	G-20-21
Multistate BI Indemnity-Ded	G-22-23
Multistate BI ALAE	G-24-25
Multistate PD Indemnity-Full	G-26-27
Multistate PD Indemnity-Ded	G-28-29
Multistate PD ALAE	G-30-31

LOCAL PRODUCTS

Multistate BI Indemnity-Full	G-32-33
Multistate BI Indemnity-Ded	G-34-35
Multistate BI ALAE	G-36-38
Multistate PD Indemnity-Full	G-39-40
Multistate PD Indemnity-Ded	G-41-42
Multistate PD ALAE	G-43-45

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	1.797	1.100	0.2745	1.606	400,000
27 to 39 Months	1.387	1.789	0.4241	1.557	410,000
39 to 51 Months	1.077	1.132	0.5917	1.110	430,000
51 to 63 Months	1.018	1.073	0.5879	1.050	450,000
63 to 75 Months	1.005	1.000	0.4767	1.003	480,000
75 to 87 Months	0.986	0.998	0.4907	0.992	510,000
87 to 99 Months	0.999	1.000	0.3684	0.999	540,000
99 to 111 Months	0.997	1.000	0.3936	0.998	560,000
111 to 123 Months	1.000	1.000	0.4459	1.000	590,000
123 to 135 Months	1.002	1.000	0.4317	1.001	620,000
135 to 147 Months	1.000	1.000	0.4558	1.000	650,000
147 to 159 Months	1.003	1.000	0.3271	1.002	690,000
159 to 171 Months	1.002	1.000	0.4317	1.001	730,000
171 to 183 Months	1.001	1.000	0.4304	1.001	770,000
183 to 195 Months	1.000	1.000	0.5247	1.000	810,000
195 to 207 Months	1.000	1.000	0.4476	1.000	860,000
207 to 219 Months	1.000	1.000	0.4316	1.000	900,000
219 to 231 Months	1.000	1.000	0.2643	1.000	950,000
231 to 243 Months	1.000	1.000	0.1923	1.000	1,000,000
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								
12/31/2014			1.110	1.050	1.003	0.992	0.999	0.998	1.000	1.001	1.000	
12/31/2015		1.557	1.110	1.050	1.003	0.992	0.999	0.998	1.000	1.001	1.000	
12/31/2016	1.606	1.557	1.110	1.050	1.003	0.992	0.999	0.998	1.000	1.001	1.000	
		159:147	171:159	183:171	195:183	207:195	219:207	231:219	243:231	ULT:243		Factor
12/31/2014	1.002	1.001	1.001	1.000	1.000	1.000	1.000	1.000	1.000	1.000		1.162
12/31/2015	1.002	1.001	1.001	1.000	1.000	1.000	1.000	1.000	1.000	1.000		1.809
12/31/2016	1.002	1.001	1.001	1.000	1.000	1.000	1.000	1.000	1.000	1.000		2.906

(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	0.0638
27 to 39 Months	0.1181
39 to 51 Months	0.1111
51 to 63 Months	0.0964
63 to 75 Months	0.0475
75 to 87 Months	0.0223
87 to 99 Months	0.0119
99 to 111 Months	0.0104
111 to 123 Months	0.0028
123 to 135 Months	0.0044
135 to 147 Months	0.0048
147 to 159 Months	0.0027
159 to 171 Months	0.0013
171 to Ultimate	A multistate link ratio factor of 1.009 has been used.

Cumulative Incremental Factors							
<u>Months-to-Ultimate</u>	<u>15</u>	<u>27</u>	<u>39</u>	<u>51</u>	<u>63</u>	<u>75</u>	<u>87</u>
	0.498	0.434	0.316	0.205	0.108	0.061	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>
	0.026	0.016	0.013	0.009	0.004	0.001	0.000

A.Y.E	Reported ALAE as of 3/31/17	\$500,000 Ultimate Indemnity	ALAE Factor	Additional ALAE	ALAE at 171 Months	171-Ultimate Factor	Ultimate ALAE
12/31/2014	18,955	595,176	0.316	188,077	207,032	1.009	208,892
12/31/2015	0	0	0.434	0	0	1.009	0
12/31/2016	27,478	442,835	0.498	220,532	248,010	1.009	250,241

(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	1.143	1.069	0.6759	1.093	1,500,000
27 to 39 Months	1.053	1.005	0.6786	1.020	1,600,000
39 to 51 Months	1.034	0.958	0.6274	0.986	1,700,000
51 to 63 Months	1.034	1.075	0.6121	1.059	1,800,000
63 to 75 Months	1.024	0.984	0.5985	1.000	1,800,000
75 to 87 Months	1.019	1.061	0.6217	1.045	1,900,000
87 to 99 Months	1.025	1.056	0.5840	1.043	2,100,000
99 to 111 Months	1.032	1.033	0.5849	1.033	2,100,000
111 to 123 Months	1.011	0.980	0.5427	0.994	2,300,000
123 to 135 Months	1.021	0.998	0.5249	1.009	2,400,000
135 to 147 Months	1.005	1.008	0.4930	1.006	2,500,000
147 to 159 Months	1.002	0.998	0.4717	1.000	2,700,000
159 to 171 Months	1.001	1.000	0.4617	1.001	2,800,000
171 to 183 Months	1.002	1.000	0.4974	1.001	3,000,000
183 to 195 Months	1.000	1.000	0.4849	1.000	3,200,000
195 to 207 Months	0.999	1.000	0.4496	0.999	3,300,000
207 to 219 Months	0.999	1.000	0.3647	0.999	3,500,000
219 to 231 Months	0.999	1.000	0.2502	0.999	3,800,000
231 to 243 Months	0.999	1.000	0.1203	0.999	3,900,000
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								
12/31/2014			0.986	1.059	1.000	1.045	1.043	1.033	0.994	1.009	1.006	
12/31/2015		1.020	0.986	1.059	1.000	1.045	1.043	1.033	0.994	1.009	1.006	
12/31/2016	1.093	1.020	0.986	1.059	1.000	1.045	1.043	1.033	0.994	1.009	1.006	
		159:147	171:159	183:171	195:183	207:195	219:207	231:219	243:231	ULT:243		Factor
12/31/2014	1.000	1.001	1.001	1.000	0.999	0.999	0.999	0.999	0.996			1.179
12/31/2015	1.000	1.001	1.001	1.000	0.999	0.999	0.999	0.999	0.996			1.203
12/31/2016	1.000	1.001	1.001	1.000	0.999	0.999	0.999	0.999	0.996			1.314

(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	0.0714
27 to 39 Months	0.0808
39 to 51 Months	0.0943
51 to 63 Months	0.0716
63 to 75 Months	0.0532
75 to 87 Months	0.0424
87 to 99 Months	0.0455
99 to 111 Months	0.0551
111 to 123 Months	0.0414
123 to 135 Months	0.0311
135 to 147 Months	0.0209
147 to 159 Months	0.0113
159 to 171 Months	0.0040
171 to Ultimate	A multistate link ratio factor of 1.022 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>
	0.623	0.552	0.471	0.377	0.305	0.252	0.209
<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>
	0.164	0.109	0.067	0.036	0.015	0.004	0.000

A.Y.E	Reported ALAE as of 3/31/17	\$500,000 Ultimate Indemnity	ALAE Factor	Additional ALAE	ALAE at 171 Months	171-Ultimate Factor	Ultimate ALAE
12/31/2014	386,555	1,982,680	0.471	933,842	1,320,397	1.022	1,349,435
12/31/2015	203,870	2,007,292	0.552	1,108,026	1,311,896	1.022	1,340,747
12/31/2016	63,804	1,554,405	0.623	968,393	1,032,197	1.022	1,054,893

(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:

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
12/31/1997	84,951	91,515	242,525	266,515	238,015	238,015	238,015	238,015	238,015	238,015	238,015
12/31/1998	111,514	213,383	124,983	100,633	103,335	103,335	203,335	203,335	103,335	103,335	103,335
12/31/1999	235,943	314,295	364,669	391,242	343,241	341,991	341,991	341,991	341,991	341,991	341,991
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	210,677	317,546	313,446	264,351	264,346	313,096	300,596	300,596	300,596	300,596	300,596
12/31/2002	89,935	34,240	62,730	29,730	29,730	29,730	29,730	29,730	29,730	29,730	29,730
12/31/2003	69,786	154,249	149,249	200,249	224,249	224,309	224,309	224,309	224,309	224,309	224,309
12/31/2004	72,760	70,360	75,360	90,360	80,360	81,360	81,365	81,360	81,360	81,360	81,360
12/31/2005	116,504	200,354	198,498	189,712	203,712	238,712	238,712	238,712	238,712	238,712	238,712
12/31/2006	107,824	119,484	138,484	223,984	150,984	150,984	150,984	150,984	150,984	150,984	150,984
12/31/2007	7,000	57,500	94,500	85,000	85,000	85,000	85,000	85,000	85,000	85,000	
12/31/2008	7,960	17,959	122,569	128,569	127,569	132,569	127,444	127,444	127,444		
12/31/2009	48,000	22,500	102,500	102,500	102,500	102,500	102,500	102,500			
12/31/2010	183,200	249,680	207,655	221,353	271,353	256,254	254,655				
12/31/2011	27,011	37,359	47,359	49,859	63,359						
12/31/2012	67,450	118,643	290,653	370,845	261,143						
12/31/2013	132,500	172,930	285,180	487,546							
12/31/2014	17,000	10,400	35,000								
12/31/2015	1,874	874									
12/31/2016											

A.Y.E.	147 Months	159 Months	171 Months	183 Months	195 Months	207 Months	219 Months	231 Months	243 Months
12/31/1997	238,015	238,015	238,015	238,015	238,015	238,015	238,015	238,015	238,015
12/31/1998	103,335	103,335	103,335	103,335	103,335	103,335	103,335	103,335	
12/31/1999	341,991	341,991	341,991	341,991	341,991	341,991	341,991		
12/31/2000	251,498	251,498	251,498	251,498	251,498	251,498			
12/31/2001	300,596	300,596	300,596	300,596	300,596				
12/31/2002	29,730	29,730	29,730	29,730					
12/31/2003	224,309	224,309	224,309						
12/31/2004	81,360	81,360							
12/31/2005	238,712								

COMPLETED OPERATIONS (Subline Code 336)
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>
12/31/1997	1.077	2.650	1.099	0.893	1.000	1.000	1.000	1.000	1.000	1.000	1.000
12/31/1998	1.914	0.586	0.805	1.027	1.000	1.968	1.000	0.508	1.000	1.000	1.000
12/31/1999	1.332	1.160	1.073	0.877	0.996	1.000	1.000	1.000	1.000	1.000	1.000
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	1.507	0.987	0.843	1.000	1.184	0.960	1.000	1.000	1.000	1.000	1.000
12/31/2002	0.381	1.832	0.474	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
12/31/2003	2.210	0.968	1.342	1.120	1.000	1.000	1.000	1.000	1.000	1.000	1.000
12/31/2004	0.967	1.071	1.199	0.889	1.012	1.000	1.000	1.000	1.000	1.000	1.000
12/31/2005	1.720	0.991	0.956	1.074	1.172	1.000	1.000	1.000	1.000	1.000	1.000
12/31/2006	1.108	1.159	1.617	0.674	1.000	1.000	1.000	1.000	1.000	1.000	1.000
12/31/2007	8.214	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	1.049	0.992	1.039	0.961	1.000	1.000	1.000	1.000	1.000
12/31/2009	0.469	4.556	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
12/31/2010	1.363	0.832	1.066	1.226	0.944	0.994	1.000	1.000	1.000	1.000	1.000
12/31/2011	1.383	1.268	1.053	1.271	1.000	1.000	1.000	1.000	1.000	1.000	1.000
12/31/2012	1.759	2.450	1.276	0.704	1.000	1.000	1.000	1.000	1.000	1.000	1.000
12/31/2013	1.305	1.649	1.710	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
12/31/2014	0.612	3.365	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
12/31/2015	0.466	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000

3 Yr Mean	0.794	2.488	1.346	1.067	0.981	0.985	1.000	1.000	1.000	1.000	1.000
Best 3/5	1.100	1.789	1.132	1.073	1.000	0.998	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>
12/31/1997	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
12/31/1998	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000 *
12/31/1999	1.000	1.000	1.000	1.000	1.000	1.000	1.000 *	1.000 *
12/31/2000	1.000	1.000	1.000	1.000	1.000	1.000 *	1.000 *	1.000 *
12/31/2001	1.000	1.000	1.000	1.000	1.000 *	1.000 *	1.000 *	1.000 *
12/31/2002	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

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>
12/31/2012					1.000	0.998	1.000	1.000	1.000	1.000	1.000
12/31/2013				1.073	1.000	0.998	1.000	1.000	1.000	1.000	1.000
12/31/2014			1.132	1.073	1.000	0.998	1.000	1.000	1.000	1.000	1.000
12/31/2015		1.789	1.132	1.073	1.000	0.998	1.000	1.000	1.000	1.000	1.000
12/31/2016	1.100	1.789	1.132	1.073	1.000	0.998	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>
12/31/2012	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000*	0.998
12/31/2013	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000*	1.071
12/31/2014	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000*	1.212
12/31/2015	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000*	2.169
12/31/2016	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000*	2.386

* 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>
12/31/1997	339	5,228	31,178	77,656	116,578	116,578	116,578	116,578	116,578	116,578	116,578
12/31/1998	31,073	5,974	16,925	32,486	34,037	34,037	119,607	150,903	155,458	155,701	155,701
12/31/1999	12,446	22,976	49,591	77,079	114,668	130,644	132,367	132,367	132,367	132,367	132,367
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	8,673	26,426	82,198	113,656	137,332	141,012	141,012	141,012	141,012	141,012	141,012
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	165,027	165,775	165,775	165,775	165,775	165,775	165,775	165,775
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	358,131	382,602	384,990	384,990	384,990	384,990	384,990	384,990
12/31/2007	3,500	809	3,177	5,217	5,217	5,217	5,217	5,217	5,217	5,217	
12/31/2008	2,133	3,562	13,788	82,903	125,622	135,201	136,525	136,525	136,525		
12/31/2009	250	0	99,245	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				
12/31/2011	2,500	3,368	23,003	55,755	168,200	158,818					
12/31/2012	0	40,139	68,568	160,695	249,802						
12/31/2013	10,048	67,614	101,680	167,910							
12/31/2014	0	693	358								
12/31/2015	122	0									
12/31/2016	0										

A.Y.E	<u>147 Months</u>	<u>159 Months</u>	<u>171 Months</u>	<u>183 Months</u>	<u>195 Months</u>	<u>207 Months</u>	<u>219 Months</u>	<u>231 Months</u>	<u>243 Months</u>
12/31/1997	116,578	116,578	116,578	116,578	116,578	116,578	116,578	116,578	116,578
12/31/1998	155,701	155,701	155,701	155,701	155,701	155,701	155,701	155,701	
12/31/1999	132,367	132,367	132,367	132,367	132,367	132,367	132,367		
12/31/2000	80,386	80,386	80,386	80,386	80,386	80,386			
12/31/2001	141,012	146,204	146,204	146,204	146,204				
12/31/2002	12,858	12,858	12,858	12,858					
12/31/2003	165,775	165,775	165,775						
12/31/2004	27,142	27,142							
12/31/2005	146,059								

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:

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
12/31/1997	253,677	291,246	363,351	393,850	429,850	542,227	532,502	553,090	533,090	533,090	533,090
12/31/1998	484,883	614,185	578,295	818,231	735,178	794,120	785,115	785,116	735,115	735,115	735,115
12/31/1999	356,744	486,002	580,714	833,612	724,227	722,571	747,572	753,673	728,495	753,245	740,644
12/31/2000	740,494	698,323	992,610	1,303,967	1,239,711	1,244,408	1,237,810	1,243,810	1,243,560	1,184,390	1,204,190
12/31/2001	643,091	946,373	919,769	1,029,207	1,133,072	1,013,915	1,023,151	1,018,990	1,025,419	1,021,988	1,026,988
12/31/2002	832,041	974,161	692,798	792,399	755,228	718,367	760,526	728,023	725,048	695,627	695,627
12/31/2003	916,033	827,976	771,112	573,034	507,358	516,242	633,742	744,541	719,541	609,953	705,403
12/31/2004	536,327	531,699	704,622	791,316	945,344	923,067	975,516	968,444	999,821	1,067,723	1,012,123
12/31/2005	427,185	596,236	495,796	587,793	510,106	551,606	601,706	656,607	771,610	713,873	713,869
12/31/2006	843,802	838,626	662,011	696,554	699,206	710,479	744,993	804,211	855,138	870,129	865,129
12/31/2007	579,296	533,438	768,806	878,826	936,825	847,817	1,016,569	1,100,087	1,102,318	1,100,318	
12/31/2008	1,034,819	959,595	919,432	858,573	965,152	976,352	1,046,352	1,054,852	1,059,049		
12/31/2009	947,594	1,062,534	846,305	808,378	826,471	832,624	884,818	872,818			
12/31/2010	890,697	1,072,256	1,142,381	1,099,098	1,308,201	1,313,963	1,318,864				
12/31/2011	621,310	626,487	497,797	507,978	547,978	515,478					
12/31/2012	1,054,957	1,217,076	1,287,302	1,233,110	1,175,698						
12/31/2013	1,189,688	984,715	1,077,627	982,332							
12/31/2014	1,118,346	1,176,452	1,047,724								
12/31/2015	819,823	939,529									
12/31/2016	867,989										

A.Y.E.	147 Months	159 Months	171 Months	183 Months	195 Months	207 Months	219 Months	231 Months	243 Months
12/31/1997	533,090	533,090	567,272	558,878	558,878	533,091	533,090	533,090	533,090
12/31/1998	735,115	735,115	735,115	735,115	735,115	735,115	735,115	735,115	
12/31/1999	740,644	740,644	740,644	740,644	740,644	740,644	740,644		
12/31/2000	1,226,390	1,220,270	1,220,270	1,220,270	1,220,270	1,220,270			
12/31/2001	1,051,987	1,051,987	1,051,987	1,051,987	1,051,987				
12/31/2002	745,627	697,127	696,960	696,960					
12/31/2003	652,903	652,903	652,903						
12/31/2004	1,012,123	1,012,123							
12/31/2005	713,869								

COMPLETED OPERATIONS (Subline Code 336)
FULL COVERAGE
WISCONSIN
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
12/31/1997	1.148	1.248	1.084	1.091	1.261	0.982	1.039	0.964	1.000	1.000	1.000
12/31/1998	1.267	0.942	1.415	0.898	1.080	0.989	1.000	0.936	1.000	1.000	1.000
12/31/1999	1.362	1.195	1.435	0.869	0.998	1.035	1.008	0.967	1.034	0.983	1.000
12/31/2000	0.943	1.421	1.314	0.951	1.004	0.995	1.005	1.000	0.952	1.017	1.018
12/31/2001	1.472	0.972	1.119	1.101	0.895	1.009	0.996	1.006	0.997	1.005	1.024
12/31/2002	1.171	0.711	1.144	0.953	0.951	1.059	0.957	0.996	0.959	1.000	1.072
12/31/2003	0.904	0.931	0.743	0.885	1.018	1.228	1.175	0.966	0.848	1.156	0.926
12/31/2004	0.991	1.325	1.123	1.195	0.976	1.057	0.993	1.032	1.068	0.948	1.000
12/31/2005	1.396	0.832	1.186	0.868	1.081	1.091	1.091	1.175	0.925	1.000	1.000
12/31/2006	0.994	0.789	1.052	1.004	1.016	1.049	1.079	1.063	1.018	0.994	
12/31/2007	0.921	1.441	1.143	1.066	0.905	1.199	1.082	1.002	0.998		
12/31/2008	0.927	0.958	0.934	1.124	1.012	1.072	1.008	1.004			
12/31/2009	1.121	0.796	0.955	1.022	1.007	1.063	0.986				
12/31/2010	1.204	1.065	0.962	1.190	1.004	1.004					
12/31/2011	1.008	0.795	1.020	1.079	0.941						
12/31/2012	1.154	1.058	0.958	0.953							
12/31/2013	0.828	1.094	0.912								
12/31/2014	1.052	0.891									
12/31/2015	1.146										

3 Yr Mean	1.009	1.014	0.963	1.074	0.984	1.046	1.025	1.023	0.980	0.981	0.975
Best 3/5	1.069	1.005	0.958	1.075	0.984	1.061	1.056	1.033	0.980	0.998	1.008

A.Y.E.	159:147	171:159	183:171	195:183	207:195	219:207	231:219	243:231
12/31/1997	1.000	1.064	0.985	1.000	0.954	1.000	1.000	1.000
12/31/1998	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000 *
12/31/1999	1.000	1.000	1.000	1.000	1.000	1.000	1.000 *	1.000 *
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	0.935	1.000	1.000					
12/31/2003	1.000	1.000						
12/31/2004	1.000							

3 Yr Mean	0.978	1.000	1.000	1.000	1.000 @	1.000 @	1.000 @	1.000 @
Best 3/5	0.998	1.000	1.000	1.000	1.000 *	1.000 *	1.000 *	1.000 *

A.Y.E.	15/ 27	27/ 39	39/ 51	51/ 63	63/ 75	75/ 87	87/ 99	99/111	111/123	123/135	135/147
12/31/2012					0.984	1.061	1.056	1.033	0.980	0.998	1.008
12/31/2013				1.075	0.984	1.061	1.056	1.033	0.980	0.998	1.008
12/31/2014			0.958	1.075	0.984	1.061	1.056	1.033	0.980	0.998	1.008
12/31/2015		1.005	0.958	1.075	0.984	1.061	1.056	1.033	0.980	0.998	1.008
12/31/2016	1.069	1.005	0.958	1.075	0.984	1.061	1.056	1.033	0.980	0.998	1.008

A.Y.E.	147/159	159/171	171/183	183/195	195/207	207/219	219/231	231/243	243/U1t	FACTORS
12/31/2012	0.998	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000*	1.121
12/31/2013	0.998	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000*	1.205
12/31/2014	0.998	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000*	1.154
12/31/2015	0.998	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000*	1.160
12/31/2016	0.998	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000*	1.240

* 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

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>
12/31/1997	33,890	39,102	63,756	87,230	171,187	234,482	277,127	329,098	343,387	343,703	343,703
12/31/1998	12,347	88,134	147,428	271,930	328,866	367,873	389,342	434,155	466,735	466,735	466,735
12/31/1999	26,742	92,346	135,131	247,329	296,442	303,674	308,837	312,016	317,814	318,234	328,393
12/31/2000	43,275	145,263	242,620	360,114	401,483	419,079	435,308	484,171	499,260	499,313	502,414
12/31/2001	29,305	137,167	197,248	305,599	420,281	483,530	525,821	529,178	530,673	530,718	535,562
12/31/2002	246,414	336,205	641,271	704,646	760,216	891,519	948,071	920,600	930,388	930,388	930,388
12/31/2003	32,361	112,381	175,953	254,428	265,443	340,644	428,628	543,152	525,042	576,010	649,994
12/31/2004	34,298	70,798	169,637	271,296	359,719	550,951	818,796	859,227	918,030	938,428	1,010,117
12/31/2005	40,376	114,347	342,826	576,679	611,289	704,734	841,968	1,138,843	1,310,127	1,358,969	1,344,512
12/31/2006	77,371	135,917	184,339	207,204	248,206	269,606	283,633	369,908	662,222	775,495	775,495
12/31/2007	63,148	69,707	139,950	171,350	232,105	288,405	297,038	430,140	573,012	687,809	
12/31/2008	40,597	107,376	182,113	250,530	315,857	349,365	366,767	366,758	373,526		
12/31/2009	58,056	111,603	109,934	132,349	173,698	202,652	216,795	222,346			
12/31/2010	101,414	223,969	469,093	641,439	946,869	1,044,166	1,051,052				
12/31/2011	29,068	73,308	165,060	231,806	279,171	267,631					
12/31/2012	147,568	452,418	623,034	667,872	727,057						
12/31/2013	134,316	214,523	274,775	284,353							
12/31/2014	222,918	302,551	361,852								
12/31/2015	66,341	155,453									
12/31/2016	60,140										

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>
12/31/1997	343,703	343,703	344,521	345,001	345,001	345,001	345,001	345,001	345,001
12/31/1998	466,735	466,735	466,735	466,735	466,735	466,735	466,735	466,735	
12/31/1999	328,393	328,393	328,393	328,393	328,393	328,393	328,393		
12/31/2000	509,931	514,812	514,812	514,812	514,812	514,812			
12/31/2001	538,024	538,775	538,775	538,775	538,775				
12/31/2002	955,388	955,388	940,797	940,797					
12/31/2003	691,304	691,304	691,304						
12/31/2004	985,711	985,711							
12/31/2005	1,344,512								

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
12/31/1997	6,241,204	10,525,449	10,841,986	11,938,374	11,748,878	12,104,010	12,350,780	12,225,225	12,461,924	13,070,275	13,249,646
12/31/1998	5,420,506	7,799,654	10,051,766	10,544,076	10,891,327	11,231,449	11,794,495	12,369,419	11,988,501	11,666,870	11,688,477
12/31/1999	5,771,569	8,056,239	10,731,282	12,587,689	12,626,800	12,957,960	12,588,556	12,448,890	12,450,443	12,449,993	12,472,787
12/31/2000	3,544,766	7,825,215	9,907,827	11,802,496	11,696,443	11,965,334	11,559,097	11,560,525	11,501,174	11,539,818	11,537,239
12/31/2001	3,429,839	7,253,437	9,584,206	10,586,096	11,061,229	11,050,516	10,965,708	10,788,086	10,683,483	10,582,030	10,603,400
12/31/2002	3,136,688	7,310,568	9,778,703	10,474,499	11,602,422	11,755,504	11,946,317	12,153,038	12,322,670	12,427,505	12,462,723
12/31/2003	3,830,463	7,075,038	10,589,947	11,235,944	11,084,558	10,881,067	10,655,769	10,611,563	10,595,095	10,631,496	10,682,506
12/31/2004	4,760,080	7,412,243	10,228,138	11,432,868	11,472,494	10,979,099	11,416,880	11,362,114	11,328,202	11,363,367	11,467,698
12/31/2005	4,584,914	7,910,640	11,284,250	12,708,602	12,514,175	12,638,455	12,948,706	12,884,194	12,801,401	12,898,337	12,858,883
12/31/2006	5,021,836	9,147,539	13,343,747	14,101,035	13,904,971	14,077,041	13,945,274	14,142,903	14,054,192	13,968,871	13,895,761
12/31/2007	4,505,784	8,880,068	11,862,598	13,149,635	13,143,049	13,138,081	13,037,337	13,177,976	13,374,884	13,160,409	
12/31/2008	4,630,223	8,545,051	12,371,265	13,017,884	12,903,315	12,893,948	13,475,968	13,207,064	13,220,966		
12/31/2009	5,545,545	9,021,867	12,689,556	12,877,517	12,854,954	13,277,720	12,782,440	12,664,003			
12/31/2010	5,613,730	10,949,093	13,365,192	14,477,280	15,389,466	15,634,381	15,235,705				
12/31/2011	5,023,175	8,440,772	12,240,525	14,390,393	14,782,142	14,342,307					
12/31/2012	4,020,949	8,041,692	13,948,512	14,286,588	14,690,167						
12/31/2013	4,940,250	10,641,177	13,165,582	14,797,114							
12/31/2014	5,774,160	9,009,963	13,269,636								
12/31/2015	5,254,378	8,997,110									
12/31/2016	3,774,433										

A.Y.E.	147 Months	159 Months	171 Months	183 Months	195 Months	207 Months	219 Months	231 Months	243 Months
12/31/1997	13,265,859	13,355,160	13,410,485	13,447,067	13,446,597	13,446,597	13,450,858	13,446,597	13,449,597
12/31/1998	11,879,577	11,851,752	12,065,937	12,046,176	12,046,176	12,051,676	11,926,990	11,946,228	
12/31/1999	12,430,019	12,391,751	12,377,878	12,377,577	12,377,578	12,377,577	12,377,577		
12/31/2000	11,573,532	11,633,876	11,576,525	11,622,279	11,617,275	11,632,274			
12/31/2001	10,634,402	10,628,084	10,665,126	10,708,333	10,684,969				
12/31/2002	12,394,428	12,424,961	12,569,195	12,569,905					
12/31/2003	10,718,010	10,731,068	10,769,810						
12/31/2004	11,498,042	11,694,502							
12/31/2005	12,752,144								

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

A.Y.E.	<u>27: 15</u>	<u>39: 27</u>	<u>51: 39</u>	<u>63: 51</u>	<u>75: 63</u>	<u>87: 75</u>	<u>99: 87</u>	<u>111: 99</u>	<u>123:111</u>	<u>135:123</u>	<u>147:135</u>
12/31/1997	1.686	1.030	1.101	0.984	1.030	1.020	0.990	1.019	1.049	1.014	1.001
12/31/1998	1.439	1.289	1.049	1.033	1.031	1.050	1.049	0.969	0.973	1.002	1.016
12/31/1999	1.396	1.332	1.173	1.003	1.026	0.971	0.989	1.000	1.000	1.002	0.997
12/31/2000	2.208	1.266	1.191	0.991	1.023	0.966	1.000	0.995	1.003	1.000	1.003
12/31/2001	2.115	1.321	1.105	1.045	0.999	0.992	0.984	0.990	0.991	1.002	1.003
12/31/2002	2.331	1.338	1.071	1.108	1.013	1.016	1.017	1.014	1.009	1.003	0.995
12/31/2003	1.847	1.497	1.061	0.987	0.982	0.979	0.996	0.998	1.003	1.005	1.003
12/31/2004	1.557	1.380	1.118	1.003	0.957	1.040	0.995	0.997	1.003	1.009	1.003
12/31/2005	1.725	1.426	1.126	0.985	1.010	1.025	0.995	0.994	1.008	0.997	0.992
12/31/2006	1.822	1.459	1.057	0.986	1.012	0.991	1.014	0.994	0.994	0.995	
12/31/2007	1.971	1.336	1.108	0.999	1.000	0.992	1.011	1.015	0.984		
12/31/2008	1.845	1.448	1.052	0.991	0.999	1.045	0.980	1.001			
12/31/2009	1.627	1.407	1.015	0.998	1.033	0.963	0.991				
12/31/2010	1.950	1.221	1.083	1.063	1.016	0.975					
12/31/2011	1.680	1.450	1.176	1.027	0.970						
12/31/2012	2.000	1.735	1.024	1.028							
12/31/2013	2.154	1.237	1.124								
12/31/2014	1.560	1.473									
12/31/2015	1.712										

3 Yr Mean 1.809 1.482 1.108 1.039 1.006 0.994 0.994 1.003 0.995 1.000 0.999

Best 3/5 1.797 1.387 1.077 1.018 1.005 0.986 0.999 0.997 1.000 1.002 1.000

A.Y.E.	<u>159:147</u>	<u>171:159</u>	<u>183:171</u>	<u>195:183</u>	<u>207:195</u>	<u>219:207</u>	<u>231:219</u>	<u>243:231</u>			
12/31/1997	1.007	1.004	1.003	1.000	1.000	1.000	1.000	1.000			
12/31/1998	0.998	1.018	0.998	1.000	1.000	0.990	1.002	1.000 *			
12/31/1999	0.997	0.999	1.000	1.000	1.000	1.000	1.000 *	1.000 *			
12/31/2000	1.005	0.995	1.004	1.000	1.001	1.000 *	1.000 *	1.000 *			
12/31/2001	0.999	1.003	1.004	0.998	1.000 *	1.000 *	1.000 *	1.000 *			
12/31/2002	1.002	1.012	1.000								
12/31/2003	1.001	1.004									
12/31/2004	1.017										

3 Yr Mean 1.007 1.006 1.003 0.999 1.000 @ 0.997 @ 1.001 @ 1.000 @

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

A.Y.E.	<u>15/ 27</u>	<u>27/ 39</u>	<u>39/ 51</u>	<u>51/ 63</u>	<u>63/ 75</u>	<u>75/ 87</u>	<u>87/ 99</u>	<u>99/111</u>	<u>111/123</u>	<u>123/135</u>	<u>135/147</u>
12/31/2012					1.005	0.986	0.999	0.997	1.000	1.002	1.000
12/31/2013				1.018	1.005	0.986	0.999	0.997	1.000	1.002	1.000
12/31/2014			1.077	1.018	1.005	0.986	0.999	0.997	1.000	1.002	1.000
12/31/2015		1.387	1.077	1.018	1.005	0.986	0.999	0.997	1.000	1.002	1.000
12/31/2016	1.797	1.387	1.077	1.018	1.005	0.986	0.999	0.997	1.000	1.002	1.000

A.Y.E.	<u>147/159</u>	<u>159/171</u>	<u>171/183</u>	<u>183/195</u>	<u>195/207</u>	<u>207/219</u>	<u>219/231</u>	<u>231/243</u>	<u>243/U1t</u>	FACTORS
12/31/2012	1.003	1.002	1.001	1.000	1.000	1.000	1.000	1.000	1.000*	0.995
12/31/2013	1.003	1.002	1.001	1.000	1.000	1.000	1.000	1.000	1.000*	1.013
12/31/2014	1.003	1.002	1.001	1.000	1.000	1.000	1.000	1.000	1.000*	1.091
12/31/2015	1.003	1.002	1.001	1.000	1.000	1.000	1.000	1.000	1.000*	1.513
12/31/2016	1.003	1.002	1.001	1.000	1.000	1.000	1.000	1.000	1.000*	2.719

* 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
12/31/1997	424,050	662,940	930,526	928,815	1,036,498	1,071,691	1,096,942	1,038,165	1,037,414	1,092,415	1,194,297
12/31/1998	106,123	395,586	680,640	916,686	1,171,521	1,186,605	901,002	965,932	1,072,428	1,157,485	1,143,685
12/31/1999	404,714	874,417	1,899,163	2,237,696	2,297,649	1,809,642	1,786,359	1,845,557	1,883,682	1,920,172	1,991,256
12/31/2000	350,798	529,262	1,176,368	1,461,454	1,251,531	1,824,321	1,645,592	1,526,792	1,602,111	1,592,811	1,521,613
12/31/2001	354,125	744,154	1,044,107	1,065,722	983,082	1,063,864	1,310,140	1,408,357	1,360,107	1,347,307	1,354,107
12/31/2002	234,242	655,739	1,124,018	1,164,317	1,373,666	1,361,220	1,672,423	1,722,423	1,546,341	1,493,066	1,515,902
12/31/2003	319,688	867,685	1,366,084	1,255,628	1,211,547	1,314,289	1,316,395	1,340,895	1,420,195	1,420,197	1,443,795
12/31/2004	269,310	621,021	1,029,012	1,052,518	1,091,198	1,010,394	847,293	874,261	891,150	878,580	829,980
12/31/2005	666,837	1,045,465	1,141,746	1,111,605	1,212,958	1,069,928	1,159,474	1,160,802	1,128,902	1,262,811	1,208,236
12/31/2006	818,931	1,320,993	1,476,958	1,588,453	1,683,437	1,415,017	1,390,016	1,610,616	1,750,067	1,700,298	1,596,566
12/31/2007	324,368	1,022,453	961,110	1,100,843	1,193,090	1,306,290	1,246,602	1,214,427	1,189,453	1,188,954	
12/31/2008	316,396	864,693	913,403	1,050,595	1,063,780	1,242,728	1,336,184	1,473,931	1,486,978		
12/31/2009	586,791	1,045,400	1,069,085	1,263,752	1,084,741	1,154,076	1,098,109	1,097,244			
12/31/2010	641,422	781,803	1,443,275	2,008,073	1,739,838	1,672,694	1,597,404				
12/31/2011	270,205	819,627	1,330,077	1,689,436	1,722,481	1,706,863					
12/31/2012	431,960	1,184,597	1,678,586	1,832,309	1,692,857						
12/31/2013	1,783,848	2,622,513	2,992,232	3,121,946							
12/31/2014	2,191,821	2,922,984	3,345,850								
12/31/2015	1,198,104	1,659,445									
12/31/2016	1,309,334										

A.Y.E.	147 Months	159 Months	171 Months	183 Months	195 Months	207 Months	219 Months	231 Months	243 Months
12/31/1997	1,198,257	1,202,281	1,204,867	1,203,617	1,201,117	1,201,117	1,201,117	1,203,617	1,202,367
12/31/1998	1,121,445	1,121,445	1,121,445	1,108,985	1,108,985	1,121,485	1,208,985	1,208,985	
12/31/1999	1,986,257	1,921,257	1,867,257	1,867,257	1,867,260	1,867,257	1,867,257		
12/31/2000	1,538,613	1,533,111	1,503,111	1,570,611	1,565,611	1,565,611			
12/31/2001	1,307,912	1,307,915	1,355,912	1,320,911	1,320,912				
12/31/2002	1,467,700	1,579,904	1,581,334	1,581,333					
12/31/2003	1,446,695	1,424,195	1,423,696						
12/31/2004	828,318	828,219							
12/31/2005	1,248,237								

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

A.Y.E.	27: 15	39: 27	51: 39	63: 51	75: 63	87: 75	99: 87	111: 99	123:111	135:123	147:135
12/31/1997	1.563	1.404	0.998	1.116	1.034	1.024	0.946	0.999	1.053	1.093	1.003
12/31/1998	3.728	1.721	1.347	1.278	1.013	0.759	1.072	1.110	1.079	0.988	0.981
12/31/1999	2.161	2.172	1.178	1.027	0.788	0.987	1.033	1.021	1.019	1.037	0.997
12/31/2000	1.509	2.223	1.242	0.856	1.458	0.902	0.928	1.049	0.994	0.955	1.011
12/31/2001	2.101	1.403	1.021	0.922	1.082	1.231	1.075	0.966	0.991	1.005	0.966
12/31/2002	2.799	1.714	1.036	1.180	0.991	1.229	1.030	0.898	0.966	1.015	0.968
12/31/2003	2.714	1.574	0.919	0.965	1.085	1.002	1.019	1.059	1.000	1.017	1.002
12/31/2004	2.306	1.657	1.023	1.037	0.926	0.839	1.032	1.019	0.986	0.945	0.998
12/31/2005	1.568	1.092	0.974	1.091	0.882	1.084	1.001	0.973	1.119	0.957	1.033
12/31/2006	1.613	1.118	1.075	1.060	0.841	0.982	1.159	1.087	0.972	0.939	
12/31/2007	3.152	0.940	1.145	1.084	1.095	0.954	0.974	0.979	1.000		
12/31/2008	2.733	1.056	1.150	1.013	1.168	1.075	1.103	1.009			
12/31/2009	1.782	1.023	1.182	0.858	1.064	0.952	0.999				
12/31/2010	1.219	1.846	1.391	0.866	0.961	0.955					
12/31/2011	3.033	1.623	1.270	1.020	0.991						
12/31/2012	2.742	1.417	1.092	0.924							
12/31/2013	1.470	1.141	1.043								
12/31/2014	1.334	1.145									
12/31/2015	1.385										

3 Yr Mean	1.396	1.234	1.135	0.937	1.005	0.994	1.025	1.025	1.030	0.947	1.011
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Best 3/5	1.866	1.395	1.181	0.934	1.050	0.964	1.034	1.002	0.995	0.972	0.989
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A.Y.E.	159:147	171:159	183:171	195:183	207:195	219:207	231:219	243:231			
12/31/1997	1.003	1.002	0.999	0.998	1.000	1.000	1.002	0.999			
12/31/1998	1.000	1.000	0.989	1.000	1.011	1.078	1.000	1.000 *			
12/31/1999	0.967	0.972	1.000	1.000	1.000	1.000	1.000 *	1.000 *			
12/31/2000	0.996	0.980	1.045	0.997	1.000	1.000 *	1.000 *	1.000 *			
12/31/2001	1.000	1.037	0.974	1.000	1.000 *	1.000 *	1.000 *	1.000 *			
12/31/2002	1.076	1.001	1.000								
12/31/2003	0.984	1.000									
12/31/2004	1.000										

3 Yr Mean	1.020	1.013	1.006	0.999	1.004 @	1.026 @	1.001 @	0.999 @			
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Best 3/5	0.999	0.994	0.996	0.999	1.000 *	1.000 *	1.000 *	1.000 *			
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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
12/31/2012					1.050	0.964	1.034	1.002	0.995	0.972	0.989
12/31/2013				0.934	1.050	0.964	1.034	1.002	0.995	0.972	0.989
12/31/2014			1.181	0.934	1.050	0.964	1.034	1.002	0.995	0.972	0.989
12/31/2015		1.395	1.181	0.934	1.050	0.964	1.034	1.002	0.995	0.972	0.989
12/31/2016	1.866	1.395	1.181	0.934	1.050	0.964	1.034	1.002	0.995	0.972	0.989

A.Y.E.	147/159	159/171	171/183	183/195	195/207	207/219	219/231	231/243	243/U1t	FACTORS
12/31/2012	0.999	0.994	0.996	0.999	1.000	1.000	1.000	1.000	1.000*	0.991
12/31/2013	0.999	0.994	0.996	0.999	1.000	1.000	1.000	1.000	1.000*	0.926
12/31/2014	0.999	0.994	0.996	0.999	1.000	1.000	1.000	1.000	1.000*	1.093
12/31/2015	0.999	0.994	0.996	0.999	1.000	1.000	1.000	1.000	1.000*	1.525
12/31/2016	0.999	0.994	0.996	0.999	1.000	1.000	1.000	1.000	1.000*	2.846

* 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
12/31/1997	1,442,000	2,583,229	4,228,845	5,389,476	6,313,897	6,492,864	6,720,058	6,801,944	7,064,154	7,083,648	7,046,972
12/31/1998	1,013,565	2,354,396	4,139,916	5,199,408	5,830,146	12,517,665	10,644,003	11,426,524	11,588,545	11,522,853	11,570,040
12/31/1999	944,823	1,752,109	3,377,640	5,620,541	6,560,733	7,486,038	7,464,426	8,084,685	8,702,379	8,826,331	9,108,934
12/31/2000	829,813	2,831,308	4,079,734	6,365,302	7,215,162	7,816,441	7,873,827	7,933,795	8,108,686	8,564,615	8,576,444
12/31/2001	655,224	2,160,990	4,069,614	6,293,191	7,694,809	8,484,348	9,162,954	9,170,478	9,238,741	9,248,968	9,221,214
12/31/2002	733,182	2,925,812	4,775,870	8,148,014	9,064,076	10,510,229	10,851,019	11,227,948	11,482,570	11,500,317	11,583,923
12/31/2003	1,075,401	2,324,829	4,838,376	7,757,037	8,656,737	9,330,442	9,999,444	9,995,506	9,866,871	9,905,892	9,958,040
12/31/2004	541,941	1,869,791	4,630,796	7,458,736	9,499,474	10,706,103	11,922,272	11,709,305	11,866,994	11,901,633	12,251,548
12/31/2005	753,858	1,417,138	3,986,059	6,847,374	8,283,557	9,061,123	9,641,917	9,942,435	10,291,871	10,588,908	10,759,447
12/31/2006	974,077	3,859,469	6,843,965	8,814,935	10,115,103	11,327,293	11,892,747	12,218,917	12,493,166	12,508,141	12,487,456
12/31/2007	827,609	2,576,814	5,706,973	9,507,220	10,707,706	11,321,027	11,605,389	11,889,700	12,071,080	12,183,791	
12/31/2008	859,962	2,308,217	5,084,389	7,769,762	10,020,313	11,327,432	12,090,698	12,639,751	13,330,997		
12/31/2009	555,362	2,188,627	4,805,457	7,329,951	9,841,796	11,055,740	11,419,828	11,728,632			
12/31/2010	849,885	3,025,533	6,029,660	9,095,518	11,867,691	13,183,562	14,328,265				
12/31/2011	793,853	2,231,907	4,942,157	8,597,517	12,067,503	13,359,787					
12/31/2012	350,035	2,243,784	6,258,467	9,253,696	11,164,650						
12/31/2013	612,225	2,620,276	6,070,009	9,722,500							
12/31/2014	582,991	2,420,445	5,724,481								
12/31/2015	510,526	2,046,493									
12/31/2016	438,117										

A.Y.E	147 Months	159 Months	171 Months	183 Months	195 Months	207 Months	219 Months	231 Months	243 Months
12/31/1997	7,040,375	7,146,786	7,303,217	7,374,097	7,405,023	7,396,173	7,397,932	7,401,257	7,399,312
12/31/1998	11,950,998	12,285,606	12,584,020	12,727,270	12,807,469	12,860,312	12,926,994	13,052,011	
12/31/1999	9,303,455	9,200,419	9,191,959	9,193,098	9,193,323	9,193,791	9,191,893		
12/31/2000	8,690,360	8,686,842	8,677,913	8,683,726	8,687,482	8,699,709			
12/31/2001	9,263,908	9,255,695	9,264,724	9,334,477	9,339,124				
12/31/2002	11,650,194	11,834,712	11,920,830	12,023,147					
12/31/2003	10,069,326	10,106,963	10,184,261						
12/31/2004	12,420,071	12,546,183							
12/31/2005	10,899,757								

Link Ratios: 171 to Ultimate									
A.Y.E	183:171	195:183	207:195	219:207	231:219	243:231	Ult:243		
12/31/1997	1.010	1.004	0.999	1.000	1.000	1.000	1.001	*	
12/31/1998	1.011	1.006	1.004	1.005	1.010	1.000	1.001	*	
12/31/1999	1.000	1.000	1.000	1.000	1.000	*	1.001	*	
12/31/2000	1.001	1.000	1.001	1.000	*	1.000	*	1.001	*
12/31/2001	1.008	1.000	1.001	*	1.000	*	1.000	*	1.001
12/31/2002	1.009								

Best 3/5 1.006 1.001 1.001 * 1.000 * 1.000 * 1.000 * 1.001 *

171 to Ultimate Factor: 1.009

* 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
12/31/1997	1,141,229	1,645,616	1,160,631	924,421	178,967	227,194	81,886	262,210	19,494	-36,676	-6,597	106,411	156,431
12/31/1998	1,340,831	1,785,520	1,059,492	630,738	6,687,519	-1,873,662	782,521	162,021	-65,692	47,187	380,958	334,608	298,414
12/31/1999	807,286	1,625,531	2,242,901	940,192	925,305	-21,612	620,259	617,694	123,952	282,603	194,521	-103,036	-8,460
12/31/2000	2,001,495	1,248,426	2,285,568	849,860	601,279	57,386	59,968	174,891	455,929	11,829	113,916	-3,518	-8,929
12/31/2001	1,505,766	1,908,624	2,223,577	1,401,618	789,539	678,606	7,524	68,263	10,227	-27,754	42,694	-8,213	9,029
12/31/2002	2,192,630	1,850,058	3,372,144	916,062	1,446,153	340,790	376,929	254,622	17,747	83,606	66,271	184,518	86,118
12/31/2003	1,249,428	2,513,547	2,918,661	899,700	673,705	669,002	-3,938	-128,635	39,021	52,148	111,286	37,637	77,298
12/31/2004	1,327,850	2,761,005	2,827,940	2,040,738	1,206,629	1,216,169	-212,967	157,689	34,639	349,915	168,523	126,112	
12/31/2005	663,280	2,568,921	2,861,315	1,436,183	777,566	580,794	300,518	349,436	297,037	170,539	140,310		
12/31/2006	2,885,392	2,984,496	1,970,970	1,300,168	1,212,190	565,454	326,170	274,249	14,975	-20,685			
12/31/2007	1,749,205	3,130,159	3,800,247	1,200,486	613,321	284,362	284,311	181,380	112,711				
12/31/2008	1,448,255	2,776,172	2,685,373	2,250,551	1,307,119	763,266	549,053	691,246					
12/31/2009	1,633,265	2,616,830	2,524,494	2,511,845	1,213,944	364,088	308,804						
12/31/2010	2,175,648	3,004,127	3,065,858	2,772,173	1,315,871	1,144,703							
12/31/2011	1,438,054	2,710,250	3,655,360	3,469,986	1,292,284								
12/31/2012	1,893,749	4,014,683	2,995,229	1,910,954									
12/31/2013	2,008,051	3,449,733	3,652,491										
12/31/2014	1,837,454	3,304,036											
12/31/2015	1,535,967												

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
12/31/1997	0.0539	0.0778	0.0548	0.0437	0.0085	0.0107	0.0039	0.0124	0.0009	-0.0017	-0.0003	0.0050	0.0074
12/31/1998	0.0605	0.0806	0.0478	0.0285	0.3020	-0.0846	0.0353	0.0073	-0.0030	0.0021	0.0172	0.0151	0.0135
12/31/1999	0.0369	0.0744	0.1026	0.0430	0.0423	-0.0010	0.0284	0.0283	0.0057	0.0129	0.0089	-0.0047	-0.0004
12/31/2000	0.0925	0.0577	0.1057	0.0393	0.0278	0.0027	0.0028	0.0081	0.0211	0.0005	0.0053	-0.0002	-0.0004
12/31/2001	0.0807	0.1023	0.1192	0.0752	0.0423	0.0364	0.0004	0.0037	0.0005	-0.0015	0.0023	-0.0004	0.0005
12/31/2002	0.0943	0.0796	0.1451	0.0394	0.0622	0.0147	0.0162	0.0110	0.0008	0.0036	0.0029	0.0079	0.0037
12/31/2003	0.0688	0.1385	0.1608	0.0496	0.0371	0.0369	-0.0002	-0.0071	0.0022	0.0029	0.0061	0.0021	0.0043
12/31/2004	0.0649	0.1349	0.1381	0.0997	0.0589	0.0594	-0.0104	0.0077	0.0017	0.0171	0.0082	0.0062	
12/31/2005	0.0258	0.1001	0.1115	0.0559	0.0303	0.0226	0.0117	0.0136	0.0116	0.0066	0.0055		
12/31/2006	0.1055	0.1091	0.0721	0.0475	0.0443	0.0207	0.0119	0.0100	0.0005	-0.0008			
12/31/2007	0.0714	0.1277	0.1551	0.0490	0.0250	0.0116	0.0116	0.0074	0.0046				
12/31/2008	0.0608	0.1165	0.1127	0.0945	0.0549	0.0320	0.0230	0.0290					
12/31/2009	0.0642	0.1029	0.0992	0.0987	0.0477	0.0143	0.0121						
12/31/2010	0.0753	0.1039	0.1061	0.0959	0.0455	0.0396							
12/31/2011	0.0548	0.1032	0.1392	0.1322	0.0492								
12/31/2012	0.0646	0.1370	0.1022	0.0652									
12/31/2013	0.0688	0.1182	0.1251										
12/31/2014	0.0736	0.1323											
12/31/2015	0.0579												

Best 3/5	0.0638	0.1181	0.1111	0.0964	0.0475	0.0223	0.0119	0.0104	0.0028	0.0044	0.0048	0.0027	0.0013
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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
12/31/1997	14,476,707	21,024,999	24,989,059	27,568,777	29,573,219	31,498,859	33,686,772	34,617,731	35,065,578	35,428,621	35,715,051
12/31/1998	18,615,102	24,292,524	27,787,116	34,091,765	38,137,692	41,300,518	43,740,425	45,052,142	46,071,898	47,276,775	48,493,085
12/31/1999	19,138,909	24,207,487	27,938,198	31,687,167	34,551,502	38,222,368	40,057,561	41,152,481	42,186,533	43,199,144	43,276,904
12/31/2000	22,496,846	31,177,966	37,010,462	41,346,201	44,351,625	47,182,885	51,294,246	53,488,201	54,336,465	55,582,086	56,287,119
12/31/2001	26,608,794	34,625,135	41,258,569	45,443,563	49,166,004	51,034,839	52,357,084	54,772,098	56,381,032	56,986,012	56,994,631
12/31/2002	27,309,214	36,392,057	41,323,767	46,809,768	48,521,845	49,950,307	52,128,251	54,170,313	55,298,476	54,936,473	55,685,672
12/31/2003	28,963,973	34,593,389	39,248,028	41,023,560	45,455,070	47,307,090	48,478,945	49,668,305	51,055,527	51,526,685	52,215,078
12/31/2004	29,799,442	36,836,404	41,550,163	46,859,831	49,990,556	52,903,448	54,991,846	56,686,585	58,704,945	59,346,434	61,183,943
12/31/2005	28,435,414	35,728,019	41,122,523	46,572,316	49,288,411	52,854,996	56,131,514	57,503,106	59,675,160	59,774,844	61,083,853
12/31/2006	39,126,091	47,711,700	54,805,949	60,412,330	66,597,380	69,045,216	71,216,232	70,956,191	72,332,711	73,199,779	75,091,533
12/31/2007	44,679,247	54,568,490	64,192,746	67,590,748	70,802,938	73,317,717	74,413,262	76,841,607	78,626,742	80,885,042	
12/31/2008	55,540,851	65,183,255	72,107,651	74,938,298	77,672,965	79,248,062	80,964,948	82,392,694	90,690,441		
12/31/2009	58,801,478	68,318,210	75,425,062	78,296,193	80,268,239	81,154,659	82,824,113	85,986,675			
12/31/2010	56,999,260	66,336,967	70,416,407	72,589,432	75,529,224	76,739,232	77,888,506				
12/31/2011	55,785,336	62,971,870	65,510,969	65,966,732	67,638,544	70,611,534					
12/31/2012	48,618,858	55,438,963	57,561,010	60,722,673	63,724,593						
12/31/2013	44,518,808	49,431,715	53,848,124	55,695,132							
12/31/2014	44,658,691	51,781,980	54,862,816								
12/31/2015	42,468,994	49,359,932									
12/31/2016	38,848,222										

A.Y.E.	147 Months	159 Months	171 Months	183 Months	195 Months	207 Months	219 Months	231 Months	243 Months
12/31/1997	36,624,927	36,943,255	37,099,133	36,951,679	36,963,398	36,926,684	36,865,371	36,863,121	36,856,270
12/31/1998	48,648,284	48,800,346	48,739,327	48,787,691	48,909,095	48,701,874	48,701,064	48,634,945	
12/31/1999	43,496,060	43,681,163	43,571,936	43,775,377	43,716,624	43,835,922	43,842,640		
12/31/2000	56,759,695	56,685,379	56,678,871	56,707,776	56,595,350	56,465,651			
12/31/2001	57,557,106	57,199,303	57,394,901	57,660,327	57,641,040				
12/31/2002	55,852,497	55,852,029	55,933,820	55,909,749					
12/31/2003	52,180,065	52,597,532	53,079,239						
12/31/2004	61,857,874	62,331,653							
12/31/2005	61,213,373								

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

A.Y.E.	27: 15	39: 27	51: 39	63: 51	75: 63	87: 75	99: 87	111: 99	123:111	135:123	147:135
12/31/1997	1.452	1.189	1.103	1.073	1.065	1.069	1.028	1.013	1.010	1.008	1.025
12/31/1998	1.305	1.144	1.227	1.119	1.083	1.059	1.030	1.023	1.026	1.026	1.003
12/31/1999	1.265	1.154	1.134	1.090	1.106	1.048	1.027	1.025	1.024	1.002	1.005
12/31/2000	1.386	1.187	1.117	1.073	1.064	1.087	1.043	1.016	1.023	1.013	1.008
12/31/2001	1.301	1.192	1.101	1.082	1.038	1.026	1.046	1.029	1.011	1.000	1.010
12/31/2002	1.333	1.136	1.133	1.037	1.029	1.044	1.039	1.021	0.993	1.014	1.003
12/31/2003	1.194	1.135	1.045	1.108	1.041	1.025	1.025	1.028	1.009	1.013	0.999
12/31/2004	1.236	1.128	1.128	1.067	1.058	1.039	1.031	1.036	1.011	1.031	1.011
12/31/2005	1.256	1.151	1.133	1.058	1.072	1.062	1.024	1.038	1.002	1.022	1.002
12/31/2006	1.219	1.149	1.102	1.102	1.037	1.031	0.996	1.019	1.012	1.026	
12/31/2007	1.221	1.176	1.053	1.048	1.036	1.015	1.033	1.023	1.029		
12/31/2008	1.174	1.106	1.039	1.036	1.020	1.022	1.018	1.101			
12/31/2009	1.162	1.104	1.038	1.025	1.011	1.021	1.038				
12/31/2010	1.164	1.061	1.031	1.040	1.016	1.015					
12/31/2011	1.129	1.040	1.007	1.025	1.044						
12/31/2012	1.140	1.038	1.055	1.049							
12/31/2013	1.110	1.089	1.034								
12/31/2014	1.160	1.059									
12/31/2015	1.162										

3 Yr Mean 1.144 1.062 1.032 1.038 1.024 1.019 1.030 1.048 1.014 1.026 1.004

Best 3/5 1.143 1.053 1.034 1.034 1.024 1.019 1.025 1.032 1.011 1.021 1.005

A.Y.E.	159:147	171:159	183:171	195:183	207:195	219:207	231:219	243:231			
12/31/1997	1.009	1.004	0.996	1.000	0.999	0.998	1.000	1.000			
12/31/1998	1.003	0.999	1.001	1.002	0.996	1.000	0.999	0.999 *			
12/31/1999	1.004	0.997	1.005	0.999	1.003	1.000	0.999 *	0.999 *			
12/31/2000	0.999	1.000	1.001	0.998	0.998	0.999 *	0.999 *	0.999 *			
12/31/2001	0.994	1.003	1.005	1.000	1.000 *	0.999 *	0.999 *	0.999 *			
12/31/2002	1.000	1.001	1.000								
12/31/2003	1.008	1.009									
12/31/2004	1.008										

3 Yr Mean 1.005 1.004 1.002 0.999 0.999 @ 0.999 @ 1.000 @ 1.000 @

Best 3/5 1.002 1.001 1.002 1.000 0.999 * 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
12/31/2012					1.024	1.019	1.025	1.032	1.011	1.021	1.005
12/31/2013				1.034	1.024	1.019	1.025	1.032	1.011	1.021	1.005
12/31/2014			1.034	1.034	1.024	1.019	1.025	1.032	1.011	1.021	1.005
12/31/2015		1.053	1.034	1.034	1.024	1.019	1.025	1.032	1.011	1.021	1.005
12/31/2016	1.143	1.053	1.034	1.034	1.024	1.019	1.025	1.032	1.011	1.021	1.005

A.Y.E.	147/159	159/171	171/183	183/195	195/207	207/219	219/231	231/243	243/U1t	FACTORS
12/31/2012	1.002	1.001	1.002	1.000	0.999	0.999	0.999	0.999	0.996*	1.142
12/31/2013	1.002	1.001	1.002	1.000	0.999	0.999	0.999	0.999	0.996*	1.180
12/31/2014	1.002	1.001	1.002	1.000	0.999	0.999	0.999	0.999	0.996*	1.221
12/31/2015	1.002	1.001	1.002	1.000	0.999	0.999	0.999	0.999	0.996*	1.285
12/31/2016	1.002	1.001	1.002	1.000	0.999	0.999	0.999	0.999	0.996*	1.469

* 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
12/31/1997	3,210,957	3,904,989	4,375,163	4,912,152	5,978,201	7,050,725	8,375,494	9,809,205	10,043,818	10,874,879	11,682,124
12/31/1998	3,447,941	5,186,967	6,423,875	6,796,525	7,813,276	8,517,341	9,741,425	11,257,610	12,200,642	13,040,291	13,201,578
12/31/1999	3,199,270	5,044,863	5,575,448	7,244,318	8,188,188	9,651,581	11,106,897	12,103,138	12,802,429	13,135,089	13,629,215
12/31/2000	3,471,855	5,349,935	7,405,959	9,489,899	11,691,772	14,491,304	16,582,160	18,447,246	19,221,575	21,494,186	23,246,804
12/31/2001	3,590,910	5,725,419	7,793,995	10,616,734	14,002,935	17,224,859	21,993,148	23,402,451	25,895,230	25,966,918	27,504,128
12/31/2002	4,255,414	5,700,028	8,365,872	10,199,308	11,830,443	14,391,760	16,031,537	17,902,386	20,136,148	20,065,628	20,048,355
12/31/2003	4,196,138	6,067,239	7,657,808	8,457,245	9,795,816	10,397,330	11,397,206	12,090,593	12,766,238	13,615,662	13,533,948
12/31/2004	5,824,885	7,372,939	9,171,424	9,751,195	10,459,553	11,464,569	12,149,530	13,332,912	13,916,022	14,294,772	14,519,929
12/31/2005	6,630,570	9,087,433	10,040,091	10,770,269	12,073,588	12,818,796	13,253,663	13,972,615	14,699,222	14,860,054	15,089,706
12/31/2006	7,644,998	9,212,774	10,413,710	11,101,832	11,193,322	12,124,225	12,755,867	13,477,739	13,894,055	15,108,278	15,949,800
12/31/2007	9,590,985	11,767,028	12,236,194	12,674,812	13,395,367	13,910,544	15,005,742	15,705,925	16,458,994	17,704,907	
12/31/2008	8,809,687	11,738,940	14,074,906	14,432,382	15,389,000	16,329,662	17,489,267	17,980,085	18,709,239		
12/31/2009	8,123,738	10,475,821	12,042,988	12,860,752	13,869,425	15,635,475	16,847,269	17,372,520			
12/31/2010	9,431,301	11,314,296	11,616,019	12,419,064	13,383,418	13,773,767	14,126,971				
12/31/2011	9,430,045	11,453,099	12,494,941	12,901,311	13,725,119	14,477,528					
12/31/2012	8,822,348	10,347,539	11,848,954	12,424,921	13,954,912						
12/31/2013	11,154,298	13,608,630	14,515,472	15,559,878							
12/31/2014	11,942,483	14,180,019	16,127,074								
12/31/2015	14,553,140	18,568,834									
12/31/2016	15,392,057										

A.Y.E.	147 Months	159 Months	171 Months	183 Months	195 Months	207 Months	219 Months	231 Months	243 Months
12/31/1997	11,634,501	11,989,577	12,154,595	12,029,833	11,911,394	12,039,678	12,042,499	12,042,499	12,042,499
12/31/1998	13,610,892	13,632,660	13,641,292	13,655,097	13,486,595	13,478,122	13,477,622	13,477,622	
12/31/1999	13,840,532	14,113,809	13,952,858	13,884,919	13,902,711	13,850,534	13,850,534		
12/31/2000	23,819,062	24,018,558	23,936,492	23,909,280	23,684,801	23,514,256			
12/31/2001	27,664,786	27,743,074	27,364,516	27,272,641	27,110,734				
12/31/2002	20,383,354	20,185,142	19,889,306	19,659,178					
12/31/2003	13,380,432	13,581,000	13,234,508						
12/31/2004	14,556,234	14,699,378							
12/31/2005	15,673,999								

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

A.Y.E.	27: 15	39: 27	51: 39	63: 51	75: 63	87: 75	99: 87	111: 99	123:111	135:123	147:135
12/31/1997	1.216	1.120	1.123	1.217	1.179	1.188	1.171	1.024	1.083	1.074	0.996
12/31/1998	1.504	1.238	1.058	1.150	1.090	1.144	1.156	1.084	1.069	1.012	1.031
12/31/1999	1.577	1.105	1.299	1.130	1.179	1.151	1.090	1.058	1.026	1.038	1.016
12/31/2000	1.541	1.384	1.281	1.232	1.239	1.144	1.112	1.042	1.118	1.082	1.025
12/31/2001	1.594	1.361	1.362	1.319	1.230	1.277	1.064	1.107	1.003	1.059	1.006
12/31/2002	1.339	1.468	1.219	1.160	1.217	1.114	1.117	1.125	0.996	0.999	1.017
12/31/2003	1.446	1.262	1.104	1.158	1.061	1.096	1.061	1.056	1.067	0.994	0.989
12/31/2004	1.266	1.244	1.063	1.073	1.096	1.060	1.097	1.044	1.027	1.016	1.003
12/31/2005	1.371	1.105	1.073	1.121	1.062	1.034	1.054	1.052	1.011	1.015	1.039
12/31/2006	1.205	1.130	1.066	1.008	1.083	1.052	1.057	1.031	1.087	1.056	
12/31/2007	1.227	1.040	1.036	1.057	1.038	1.079	1.047	1.048	1.076		
12/31/2008	1.333	1.199	1.025	1.066	1.061	1.071	1.028	1.041			
12/31/2009	1.290	1.150	1.068	1.078	1.127	1.078	1.031				
12/31/2010	1.200	1.027	1.069	1.078	1.029	1.026					
12/31/2011	1.215	1.091	1.033	1.064	1.055						
12/31/2012	1.173	1.145	1.049	1.123							
12/31/2013	1.220	1.067	1.072								
12/31/2014	1.187	1.137									
12/31/2015	1.276										

3 Yr Mean 1.228 1.116 1.051 1.088 1.070 1.058 1.035 1.040 1.058 1.029 1.010

Best 3/5 1.207 1.098 1.062 1.074 1.051 1.067 1.044 1.044 1.057 1.010 1.009

A.Y.E.	159:147	171:159	183:171	195:183	207:195	219:207	231:219	243:231			
12/31/1997	1.031	1.014	0.990	0.990	1.011	1.000	1.000	1.000			
12/31/1998	1.002	1.001	1.001	0.988	0.999	1.000	1.000	1.000 *			
12/31/1999	1.020	0.989	0.995	1.001	0.996	1.000	1.000 *	1.000 *			
12/31/2000	1.008	0.997	0.999	0.991	0.993	0.998 *	1.000 *	1.000 *			
12/31/2001	1.003	0.986	0.997	0.994	0.992 *	0.998 *	1.000 *	1.000 *			
12/31/2002	0.990	0.985	0.988								
12/31/2003	1.015	0.974									
12/31/2004	1.010										

3 Yr Mean 1.005 0.982 0.995 0.995 0.996 @ 1.000 @ 1.000 @ 1.000 @

Best 3/5 1.007 0.987 0.997 0.992 0.996 * 0.999 * 1.000 * 1.000 *

A.Y.E.	15/ 27	27/ 39	39/ 51	51/ 63	63/ 75	75/ 87	87/ 99	99/111	111/123	123/135	135/147
12/31/2012					1.051	1.067	1.044	1.044	1.057	1.010	1.009
12/31/2013				1.074	1.051	1.067	1.044	1.044	1.057	1.010	1.009
12/31/2014			1.062	1.074	1.051	1.067	1.044	1.044	1.057	1.010	1.009
12/31/2015		1.098	1.062	1.074	1.051	1.067	1.044	1.044	1.057	1.010	1.009
12/31/2016	1.207	1.098	1.062	1.074	1.051	1.067	1.044	1.044	1.057	1.010	1.009

A.Y.E.	147/159	159/171	171/183	183/195	195/207	207/219	219/231	231/243	243/U1t	FACTORS
12/31/2012	1.007	0.987	0.997	0.992	0.996	0.999	1.000	1.000	1.000*	1.288
12/31/2013	1.007	0.987	0.997	0.992	0.996	0.999	1.000	1.000	1.000*	1.383
12/31/2014	1.007	0.987	0.997	0.992	0.996	0.999	1.000	1.000	1.000*	1.469
12/31/2015	1.007	0.987	0.997	0.992	0.996	0.999	1.000	1.000	1.000*	1.613
12/31/2016	1.007	0.987	0.997	0.992	0.996	0.999	1.000	1.000	1.000*	1.947

* 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
12/31/1997	1,846,349	3,388,352	6,368,407	8,650,810	11,397,585	12,849,668	15,485,064	17,821,630	18,774,044	20,150,562	21,226,411
12/31/1998	1,737,737	3,167,783	5,890,063	10,031,360	13,773,948	16,743,004	19,239,976	21,887,087	24,548,078	26,000,014	27,440,740
12/31/1999	1,773,214	3,567,590	6,702,060	11,916,176	15,648,828	19,661,918	23,212,769	26,434,111	29,414,434	31,202,834	32,023,544
12/31/2000	2,125,524	4,734,318	8,815,557	14,166,497	18,700,811	23,316,987	30,097,594	34,493,281	36,544,036	39,315,977	41,387,777
12/31/2001	3,652,588	7,383,994	13,825,798	20,060,489	25,494,369	31,545,398	38,175,114	42,776,029	46,351,363	48,879,972	50,003,920
12/31/2002	2,894,504	7,491,521	14,392,366	20,715,053	25,868,331	29,575,890	32,681,386	35,445,157	38,992,255	40,993,913	42,461,083
12/31/2003	4,292,337	7,391,544	13,607,964	18,774,781	24,018,042	29,049,509	32,412,528	36,629,375	39,730,894	42,062,588	44,095,630
12/31/2004	3,149,026	6,678,652	13,176,969	20,405,390	26,441,202	32,164,534	38,003,616	42,958,898	49,202,404	53,759,853	58,637,030
12/31/2005	2,329,108	7,475,806	14,518,029	21,651,251	27,781,339	35,165,399	40,251,171	45,261,226	50,504,396	54,807,202	57,978,935
12/31/2006	4,348,763	9,614,115	17,865,263	26,242,902	34,219,442	41,277,122	48,543,085	52,622,837	59,525,392	62,554,378	65,681,084
12/31/2007	4,921,269	10,136,774	19,207,808	27,226,533	35,446,228	42,785,530	48,143,935	53,727,660	58,162,148	63,051,230	
12/31/2008	5,924,852	14,422,936	23,979,034	35,373,607	45,202,075	51,829,850	56,638,959	60,321,988	64,546,366		
12/31/2009	7,837,555	16,561,331	29,190,274	42,433,393	51,928,436	59,106,314	64,611,236	70,897,548			
12/31/2010	7,031,800	15,875,589	27,695,985	40,149,403	48,035,059	53,551,457	57,694,303				
12/31/2011	7,644,494	15,133,217	23,547,314	30,931,342	36,388,656	42,112,057					
12/31/2012	5,851,363	12,668,921	20,905,489	29,249,493	38,377,914						
12/31/2013	5,242,096	12,783,352	19,539,706	28,744,896							
12/31/2014	4,959,578	11,928,993	20,099,270								
12/31/2015	5,817,976	12,751,249									
12/31/2016	5,854,058										

A.Y.E	147 Months	159 Months	171 Months	183 Months	195 Months	207 Months	219 Months	231 Months	243 Months
12/31/1997	22,442,411	22,332,385	22,653,156	22,979,467	23,006,295	23,048,644	23,039,179	23,059,803	23,097,878
12/31/1998	27,851,013	28,794,619	29,334,778	29,654,159	30,161,127	30,234,703	30,242,145	30,251,404	
12/31/1999	33,166,608	34,300,189	34,623,539	34,916,243	35,375,860	35,462,018	35,482,271		
12/31/2000	43,547,640	43,711,536	43,603,799	43,928,721	44,328,908	44,411,053			
12/31/2001	50,902,383	51,316,961	51,599,347	52,052,383	52,622,815				
12/31/2002	44,457,000	46,016,845	46,266,073	47,332,122					
12/31/2003	46,056,371	46,731,249	47,825,632						
12/31/2004	63,410,293	65,464,199							
12/31/2005	58,702,806								

Link Ratios: 171 to Ultimate									
A.Y.E	183:171	195:183	207:195	219:207	231:219	243:231	Ult:243		
12/31/1997	1.014	1.001	1.002	1.000	1.001	1.002	1.000	*	
12/31/1998	1.011	1.017	1.002	1.000	1.000	1.000	1.000	*	
12/31/1999	1.008	1.013	1.002	1.001	1.000	*	1.000	*	
12/31/2000	1.007	1.009	1.002	1.000	*	1.000	*	1.000	*
12/31/2001	1.009	1.011	1.011	*	1.000	*	1.000	*	1.000
12/31/2002	1.023								

Best 3/5 1.009 1.011 1.002 * 1.000 * 1.000 * 1.000 * 1.000 *

171 to Ultimate Factor: 1.022

* 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
12/31/1997	1,542,003	2,980,055	2,282,403	2,746,775	1,452,083	2,635,396	2,336,566	952,414	1,376,518	1,075,849	1,216,000	-110,026	320,771
12/31/1998	1,430,046	2,722,280	4,141,297	3,742,588	2,969,056	2,496,972	2,647,111	2,660,991	1,451,936	1,440,726	410,273	943,606	540,159
12/31/1999	1,794,376	3,134,470	5,214,116	3,732,652	4,013,090	3,550,851	3,221,342	2,980,323	1,788,400	820,710	1,143,064	1,133,581	323,350
12/31/2000	2,608,794	4,081,239	5,350,940	4,534,314	4,616,176	6,780,607	4,395,687	2,050,755	2,771,941	2,071,800	2,159,863	163,896	-107,737
12/31/2001	3,731,406	6,441,804	6,234,691	5,433,880	6,051,029	6,629,716	4,600,915	3,575,334	2,528,609	1,123,948	898,463	414,578	282,386
12/31/2002	4,597,017	6,900,845	6,322,687	5,153,278	3,707,559	3,105,496	2,763,771	3,547,098	2,001,658	1,467,170	1,995,917	1,559,845	249,228
12/31/2003	3,099,207	6,216,420	5,166,817	5,243,261	5,031,467	3,363,019	4,216,847	3,101,519	2,331,694	2,033,042	1,960,741	674,878	1,094,383
12/31/2004	3,529,626	6,498,317	7,228,421	6,035,812	5,723,332	5,839,082	4,955,282	6,243,506	4,557,449	4,877,177	4,773,263	2,053,906	
12/31/2005	5,146,698	7,042,223	7,133,222	6,130,088	7,384,060	5,085,772	5,010,055	5,243,170	4,302,806	3,171,733	723,871		
12/31/2006	5,265,352	8,251,148	8,377,639	7,976,540	7,057,680	7,265,963	4,079,752	6,902,555	3,028,986	3,126,706			
12/31/2007	5,215,505	9,071,034	8,018,725	8,219,695	7,339,302	5,358,405	5,583,725	4,434,488	4,889,082				
12/31/2008	8,498,084	9,556,098	11,394,573	9,828,468	6,627,775	4,809,109	3,683,029	4,224,378					
12/31/2009	8,723,776	12,628,943	13,243,119	9,495,043	7,177,878	5,504,922	6,286,312						
12/31/2010	8,843,789	11,820,396	12,453,418	7,885,656	5,516,398	4,142,846							
12/31/2011	7,488,723	8,414,097	7,384,028	5,457,314	5,723,401								
12/31/2012	6,817,558	8,236,568	8,344,004	9,128,421									
12/31/2013	7,541,256	6,756,354	9,205,190										
12/31/2014	6,969,415	8,170,277											
12/31/2015	6,933,273												

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
12/31/1997	0.0293	0.0566	0.0434	0.0522	0.0276	0.0501	0.0444	0.0181	0.0262	0.0204	0.0231	-0.0021	0.0061
12/31/1998	0.0228	0.0434	0.0661	0.0597	0.0474	0.0398	0.0422	0.0425	0.0232	0.0230	0.0065	0.0151	0.0086
12/31/1999	0.0294	0.0513	0.0854	0.0611	0.0657	0.0582	0.0528	0.0488	0.0293	0.0134	0.0187	0.0186	0.0053
12/31/2000	0.0328	0.0514	0.0673	0.0571	0.0581	0.0853	0.0553	0.0258	0.0349	0.0261	0.0272	0.0021	-0.0014
12/31/2001	0.0463	0.0800	0.0774	0.0675	0.0751	0.0823	0.0571	0.0444	0.0314	0.0140	0.0112	0.0051	0.0035
12/31/2002	0.0585	0.0877	0.0804	0.0655	0.0471	0.0395	0.0351	0.0451	0.0255	0.0187	0.0254	0.0198	0.0032
12/31/2003	0.0411	0.0825	0.0686	0.0696	0.0668	0.0446	0.0560	0.0412	0.0309	0.0270	0.0260	0.0090	0.0145
12/31/2004	0.0388	0.0715	0.0795	0.0664	0.0630	0.0642	0.0545	0.0687	0.0501	0.0537	0.0525	0.0226	
12/31/2005	0.0603	0.0825	0.0835	0.0718	0.0865	0.0596	0.0587	0.0614	0.0504	0.0371	0.0085		
12/31/2006	0.0494	0.0774	0.0786	0.0748	0.0662	0.0681	0.0383	0.0647	0.0284	0.0293			
12/31/2007	0.0459	0.0799	0.0706	0.0724	0.0647	0.0472	0.0492	0.0391	0.0431				
12/31/2008	0.0656	0.0738	0.0879	0.0759	0.0512	0.0371	0.0284	0.0326					
12/31/2009	0.0681	0.0986	0.1034	0.0741	0.0560	0.0430	0.0491						
12/31/2010	0.0728	0.0973	0.1026	0.0649	0.0454	0.0341							
12/31/2011	0.0685	0.0770	0.0676	0.0499	0.0524								
12/31/2012	0.0674	0.0815	0.0825	0.0903									
12/31/2013	0.0800	0.0717	0.0977										
12/31/2014	0.0716	0.0839											
12/31/2015	0.0741												

Best 3/5	0.0714	0.0808	0.0943	0.0716	0.0532	0.0424	0.0455	0.0551	0.0414	0.0311	0.0209	0.0113	0.0040
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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>
12/31/1997	7,439,615	8,227,439	8,523,610	9,139,842	9,029,492	9,663,594	12,631,135	13,331,025	9,153,165	9,171,003	9,082,934
12/31/1998	6,622,351	7,292,022	8,007,532	8,303,794	7,913,238	8,101,716	8,057,765	8,168,423	8,058,976	8,107,695	7,972,733
12/31/1999	6,183,977	7,749,736	8,733,194	9,172,086	9,304,400	8,952,080	8,828,507	8,947,621	8,899,412	8,917,384	8,962,393
12/31/2000	6,759,702	8,374,218	9,462,840	10,684,728	9,784,873	9,735,436	9,701,512	9,758,700	9,675,712	9,690,445	9,673,871
12/31/2001	6,514,665	8,071,985	9,380,544	9,767,426	9,649,869	9,898,481	9,946,074	9,833,187	9,888,148	9,870,027	9,918,447
12/31/2002	6,967,152	8,264,684	9,831,635	11,038,987	10,988,162	10,890,407	10,891,012	10,874,392	10,874,592	10,870,770	10,976,771
12/31/2003	4,929,370	6,902,208	9,277,753	9,992,691	10,411,044	10,321,295	10,105,420	9,999,237	10,012,417	10,097,454	9,978,516
12/31/2004	5,960,836	7,305,219	8,677,233	9,425,082	9,199,807	8,859,717	8,932,879	8,776,365	8,815,357	8,836,786	8,808,321
12/31/2005	6,593,800	7,057,704	8,664,865	8,755,525	8,717,236	8,648,872	8,637,005	8,675,878	8,568,758	8,547,627	8,547,478
12/31/2006	5,837,115	7,125,673	8,671,010	8,713,463	8,549,390	8,323,991	8,136,572	8,147,864	8,209,776	8,209,776	8,209,776
12/31/2007	5,734,830	6,813,438	8,289,709	8,232,484	8,412,909	8,258,398	8,105,941	7,883,553	7,773,944	7,788,941	
12/31/2008	5,936,060	7,274,356	8,233,237	7,937,170	7,739,731	7,841,577	7,862,013	7,743,262	7,743,262		
12/31/2009	6,765,398	7,604,254	9,168,129	9,283,900	9,239,386	9,231,236	9,159,264	9,183,020			
12/31/2010	7,451,371	8,952,226	10,488,889	10,620,587	11,027,583	10,862,547	10,806,269				
12/31/2011	7,149,652	8,216,988	9,264,784	9,799,814	9,588,332	9,439,737					
12/31/2012	5,206,546	6,476,927	7,805,215	7,854,977	7,851,150						
12/31/2013	5,855,682	7,128,854	7,714,605	7,719,676							
12/31/2014	5,917,532	6,807,963	7,084,815								
12/31/2015	5,622,262	5,856,578									
12/31/2016	4,585,506										

<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>
12/31/1997	9,104,034	9,026,598	9,019,588	9,001,588	8,946,588	8,949,889	8,942,389	8,901,888	8,901,888
12/31/1998	7,996,132	7,985,437	7,985,937	7,986,437	7,990,739	8,015,738	8,215,737	8,190,737	
12/31/1999	8,941,847	8,924,898	9,023,898	9,028,699	9,033,699	9,048,699	9,048,699		
12/31/2000	9,770,371	9,695,915	9,732,210	9,768,710	9,758,458	9,738,708			
12/31/2001	9,924,206	9,923,206	9,965,106	9,922,206	9,902,571				
12/31/2002	10,949,833	10,962,832	10,970,362	11,090,361					
12/31/2003	9,967,516	9,957,517	9,957,516						
12/31/2004	8,810,820	8,809,177							
12/31/2005	8,554,902								

LOCAL PRODUCTS (Subline Code 336)
FULL COVERAGE
MULTISTATE

BODILY INJURY - OCCURRENCE

INCURRED ACCIDENT YEAR BASIC LIMITS LOSS DEVELOPMENT EXCLUDING ALAE

Link Ratios

A.Y.E.	27: 15	39: 27	51: 39	63: 51	75: 63	87: 75	99: 87	111: 99	123:111	135:123	147:135
12/31/1997	1.106	1.036	1.072	0.988	1.070	1.307	1.055	0.687	1.002	0.990	1.002
12/31/1998	1.101	1.098	1.037	0.953	1.024	0.995	1.014	0.987	1.006	0.983	1.003
12/31/1999	1.253	1.127	1.050	1.014	0.962	0.986	1.013	0.995	1.002	1.005	0.998
12/31/2000	1.239	1.130	1.129	0.916	0.995	0.997	1.006	0.991	1.002	0.998	1.010
12/31/2001	1.239	1.162	1.041	0.988	1.026	1.005	0.989	1.006	0.998	1.005	1.001
12/31/2002	1.186	1.190	1.123	0.995	0.991	1.000	0.998	1.000	1.000	1.010	0.998
12/31/2003	1.400	1.344	1.077	1.042	0.991	0.979	0.989	1.001	1.008	0.988	0.999
12/31/2004	1.226	1.188	1.086	0.976	0.963	1.008	0.982	1.004	1.002	0.997	1.000
12/31/2005	1.070	1.228	1.010	0.996	0.992	0.999	1.005	0.988	0.998	1.000	1.001
12/31/2006	1.221	1.217	1.005	0.981	0.974	0.977	1.001	1.008	1.000	1.000	
12/31/2007	1.188	1.217	0.993	1.022	0.982	0.982	0.973	0.986	1.002		
12/31/2008	1.225	1.132	0.964	0.975	1.013	1.003	0.985	1.000			
12/31/2009	1.124	1.206	1.013	0.995	0.999	0.992	1.003				
12/31/2010	1.201	1.172	1.013	1.038	0.985	0.995					
12/31/2011	1.149	1.128	1.058	0.978	0.985						
12/31/2012	1.244	1.205	1.006	1.000							
12/31/2013	1.217	1.082	1.001								
12/31/2014	1.150	1.041									
12/31/2015	1.042										

3 Yr Mean 1.136 1.109 1.022 1.005 0.990 0.997 0.987 0.998 1.000 0.999 1.000

Best 3/5 1.172 1.127 1.011 0.991 0.990 0.990 0.996 0.997 1.001 0.999 1.000

A.Y.E.	159:147	171:159	183:171	195:183	207:195	219:207	231:219	243:231			
12/31/1997	0.991	0.999	0.998	0.994	1.000	0.999	0.995	1.000			
12/31/1998	0.999	1.000	1.000	1.001	1.003	1.025	0.997	0.999 *			
12/31/1999	0.998	1.011	1.001	1.001	1.002	1.000	1.000 *	0.999 *			
12/31/2000	0.992	1.004	1.004	0.999	0.998	1.000 *	1.000 *	0.999 *			
12/31/2001	1.000	1.004	0.996	0.998	0.999 *	1.000 *	1.000 *	0.999 *			
12/31/2002	1.001	1.001	1.011								
12/31/2003	0.999	1.000									
12/31/2004	1.000										

3 Yr Mean 1.000 1.002 1.004 0.999 1.001 @ 1.008 @ 0.996 @ 1.000 @

Best 3/5 1.000 1.003 1.002 0.999 1.000 * 1.000 * 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
12/31/2012					0.990	0.990	0.996	0.997	1.001	0.999	1.000
12/31/2013				0.991	0.990	0.990	0.996	0.997	1.001	0.999	1.000
12/31/2014			1.011	0.991	0.990	0.990	0.996	0.997	1.001	0.999	1.000
12/31/2015		1.127	1.011	0.991	0.990	0.990	0.996	0.997	1.001	0.999	1.000
12/31/2016	1.172	1.127	1.011	0.991	0.990	0.990	0.996	0.997	1.001	0.999	1.000

A.Y.E.	147/159	159/171	171/183	183/195	195/207	207/219	219/231	231/243	243/U1t	FACTORS
12/31/2012	1.000	1.003	1.002	0.999	1.000	1.000	0.999	0.999	0.996*	0.971
12/31/2013	1.000	1.003	1.002	0.999	1.000	1.000	0.999	0.999	0.996*	0.963
12/31/2014	1.000	1.003	1.002	0.999	1.000	1.000	0.999	0.999	0.996*	0.973
12/31/2015	1.000	1.003	1.002	0.999	1.000	1.000	0.999	0.999	0.996*	1.097
12/31/2016	1.000	1.003	1.002	0.999	1.000	1.000	0.999	0.999	0.996*	1.285

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

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

\$100,000 Basic Limit Losses as of:

A.Y.E.	15 Months	27 Months	39 Months	51 Months	63 Months	75 Months	87 Months	99 Months	111 Months	123 Months	135 Months
12/31/1997	357,857	430,629	856,827	832,801	712,801	709,801	709,801	709,801	704,801	706,861	704,801
12/31/1998	104,651	183,618	137,402	75,802	75,802	76,802	76,802	76,802	84,345	84,302	84,302
12/31/1999	357,147	246,142	223,437	219,338	221,172	221,172	221,172	221,172	221,172	221,172	221,172
12/31/2000	314,291	528,582	556,688	476,626	501,626	490,970	486,970	487,970	487,970	486,970	521,970
12/31/2001	278,206	352,745	423,834	497,226	463,174	463,174	453,174	453,174	453,174	466,578	466,578
12/31/2002	408,226	436,004	390,234	498,725	484,971	446,232	446,231	446,231	446,231	446,231	446,231
12/31/2003	137,726	261,136	219,409	274,123	191,730	123,445	121,945	96,844	96,844	96,844	96,844
12/31/2004	711,594	664,590	1,075,135	1,252,571	863,010	864,290	841,891	841,890	841,890	841,890	841,890
12/31/2005	648,240	814,848	1,114,321	1,010,826	905,856	988,273	988,272	988,322	988,322	988,951	988,951
12/31/2006	449,818	935,743	937,460	812,104	834,562	834,005	834,005	834,005	834,005	834,005	834,005
12/31/2007	366,539	604,551	956,120	997,329	947,160	937,260	937,260	968,260	968,260	968,260	
12/31/2008	527,184	422,912	537,374	427,853	351,603	368,464	367,964	367,964	367,964		
12/31/2009	283,339	295,250	308,523	246,539	438,219	439,219	439,119	439,130			
12/31/2010	430,140	332,606	401,643	289,143	389,473	389,473	389,473				
12/31/2011	427,122	653,662	887,478	869,628	877,128	860,729					
12/31/2012	334,930	460,918	560,127	584,965	719,491						
12/31/2013	398,180	730,228	918,552	1,033,380							
12/31/2014	950,609	1,110,949	1,056,201								
12/31/2015	618,643	844,501									
12/31/2016	456,718										

A.Y.E.	147 Months	159 Months	171 Months	183 Months	195 Months	207 Months	219 Months	231 Months	243 Months
12/31/1997	704,801	704,801	704,801	704,801	756,702	816,702	831,302	831,302	831,302
12/31/1998	84,302	84,302	84,302	84,302	84,302	84,302	85,302	104,302	
12/31/1999	221,172	221,172	247,673	247,673	247,673	247,673	247,673		
12/31/2000	505,070	505,571	571,905	560,889	567,011	566,053			
12/31/2001	466,578	463,774	505,428	505,428	480,116				
12/31/2002	446,231	446,231	446,231	438,731					
12/31/2003	96,844	96,844	96,844						
12/31/2004	841,893	841,890							
12/31/2005	988,951								

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
12/31/1997	1.203	1.990	0.972	0.856	0.996	1.000	1.000	0.993	1.003	0.997	1.000
12/31/1998	1.755	0.748	0.552	1.000	1.013	1.000	1.000	1.098	0.999	1.000	1.000
12/31/1999	0.689	0.908	0.982	1.008	1.000	1.000	1.000	1.000	1.000	1.000	1.000
12/31/2000	1.682	1.053	0.856	1.052	0.979	0.992	1.002	1.000	0.998	1.072	0.968
12/31/2001	1.268	1.202	1.173	0.932	1.000	0.978	1.000	1.000	1.030	1.000	1.000
12/31/2002	1.068	0.895	1.278	0.972	0.920	1.000	1.000	1.000	1.000	1.000	1.000
12/31/2003	1.896	0.840	1.249	0.699	0.644	0.988	0.794	1.000	1.000	1.000	1.000
12/31/2004	0.934	1.618	1.165	0.689	1.001	0.974	1.000	1.000	1.000	1.000	1.000
12/31/2005	1.257	1.368	0.907	0.896	1.091	1.000	1.000	1.000	1.001	1.000	1.000
12/31/2006	2.080	1.002	0.866	1.028	0.999	1.000	1.000	1.000	1.000	1.000	
12/31/2007	1.649	1.582	1.043	0.950	0.990	1.000	1.033	1.000	1.000		
12/31/2008	0.802	1.271	0.796	0.822	1.048	0.999	1.000	1.000			
12/31/2009	1.042	1.045	0.799	1.777	1.002	1.000	1.000				
12/31/2010	0.773	1.208	0.720	1.347	1.000	1.000					
12/31/2011	1.530	1.358	0.980	1.009	0.981						
12/31/2012	1.376	1.215	1.044	1.230							
12/31/2013	1.834	1.258	1.125								
12/31/2014	1.169	0.951									
12/31/2015	1.365										
3 Yr Mean	1.456	1.141	1.050	1.195	0.994	1.000	1.011	1.000	1.000	1.000	1.000
Best 3/5	1.424	1.227	0.941	1.195	0.997	1.000	1.000	1.000	1.000	1.000	1.000

A.Y.E.	159:147	171:159	183:171	195:183	207:195	219:207	231:219	243:231			
12/31/1997	1.000	1.000	1.000	1.074	1.079	1.018	1.000	1.000			
12/31/1998	1.000	1.000	1.000	1.000	1.000	1.012	1.223	1.004 *			
12/31/1999	1.000	1.120	1.000	1.000	1.000	1.000	1.004 *	1.004 *			
12/31/2000	1.001	1.131	0.981	1.011	0.998	1.000 *	1.004 *	1.004 *			
12/31/2001	0.994	1.090	1.000	0.950	1.004 *	1.000 *	1.004 *	1.004 *			
12/31/2002	1.000	1.000	0.983								
12/31/2003	1.000	1.000									
12/31/2004	1.000										
3 Yr Mean	1.000	1.030	0.988	0.987	0.999 @	1.010 @	1.112 @	1.000 @			
Best 3/5	1.000	1.070	0.994	1.004	1.001 *	1.004 *	1.004 *	1.004 *			

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
12/31/2012					0.997	1.000	1.000	1.000	1.000	1.000	1.000
12/31/2013				1.195	0.997	1.000	1.000	1.000	1.000	1.000	1.000
12/31/2014			0.941	1.195	0.997	1.000	1.000	1.000	1.000	1.000	1.000
12/31/2015		1.227	0.941	1.195	0.997	1.000	1.000	1.000	1.000	1.000	1.000
12/31/2016	1.424	1.227	0.941	1.195	0.997	1.000	1.000	1.000	1.000	1.000	1.000

A.Y.E.	147/159	159/171	171/183	183/195	195/207	207/219	219/231	231/243	243/U1t	FACTORS
12/31/2012	1.000	1.070	0.994	1.004	1.001	1.004	1.004	1.004	1.016*	1.096
12/31/2013	1.000	1.070	0.994	1.004	1.001	1.004	1.004	1.004	1.016*	1.309
12/31/2014	1.000	1.070	0.994	1.004	1.001	1.004	1.004	1.004	1.016*	1.232
12/31/2015	1.000	1.070	0.994	1.004	1.001	1.004	1.004	1.004	1.016*	1.512
12/31/2016	1.000	1.070	0.994	1.004	1.001	1.004	1.004	1.004	1.016*	2.153

* 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>
12/31/1997	1,797,776	2,462,603	2,670,354	3,382,105	3,685,532	3,818,155	3,924,462	3,957,626	4,123,673	4,197,066	4,251,148
12/31/1998	783,749	1,598,562	2,406,606	2,708,670	2,413,521	2,488,121	2,499,836	2,601,236	2,734,134	2,773,747	2,793,066
12/31/1999	809,270	1,810,850	2,455,867	3,171,865	3,519,551	3,521,975	3,620,704	4,015,372	4,012,006	4,049,567	4,060,385
12/31/2000	1,172,363	1,557,873	2,548,920	3,837,897	4,619,451	4,963,621	5,110,438	5,056,324	5,096,971	5,115,163	5,140,834
12/31/2001	1,003,745	2,141,272	3,491,378	4,414,773	5,537,942	6,050,510	6,954,182	7,205,723	7,460,107	7,299,517	7,455,682
12/31/2002	1,627,848	2,452,570	3,868,152	4,584,962	5,615,270	5,930,045	6,033,544	6,187,178	6,249,359	6,252,874	6,351,020
12/31/2003	784,219	1,606,060	2,487,562	3,311,108	4,055,141	4,427,418	4,605,572	4,585,043	4,594,291	4,633,139	4,707,105
12/31/2004	677,673	1,395,481	2,411,642	3,083,451	3,617,592	3,824,563	3,967,268	4,109,361	4,107,303	4,106,518	4,107,263
12/31/2005	539,413	1,246,739	2,291,154	2,849,430	4,034,356	3,353,331	3,469,163	3,479,086	3,475,315	3,456,128	3,456,158
12/31/2006	706,919	1,684,520	2,863,519	4,145,722	4,911,685	5,279,510	5,388,290	5,345,542	5,378,852	5,374,173	5,374,173
12/31/2007	719,557	1,570,333	2,986,159	3,590,135	4,341,543	4,593,031	4,800,299	4,639,352	4,677,612	4,673,491	
12/31/2008	564,849	1,301,343	2,729,972	3,324,015	3,567,044	3,681,739	3,753,441	3,786,694	3,800,968		
12/31/2009	589,313	1,523,551	3,397,063	3,470,476	4,130,202	4,109,070	4,125,297	4,138,913			
12/31/2010	930,006	1,918,619	3,359,864	4,812,453	5,974,707	6,217,466	6,139,773				
12/31/2011	764,022	1,457,175	3,036,062	4,278,805	4,891,759	5,236,812					
12/31/2012	622,856	1,635,814	3,686,950	4,715,469	5,310,593						
12/31/2013	1,033,587	2,311,455	3,786,965	4,884,549							
12/31/2014	916,213	1,597,959	2,601,844								
12/31/2015	564,141	1,079,946									
12/31/2016	519,739										

<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>
12/31/1997	4,325,150	4,498,509	4,590,876	4,735,238	4,762,936	4,798,080	4,847,304	4,907,766	4,964,565
12/31/1998	2,807,476	2,815,190	2,825,726	2,850,641	2,848,035	2,855,578	3,006,040	3,116,164	
12/31/1999	4,091,908	4,105,709	4,296,650	4,327,363	4,275,612	4,291,373	4,305,461		
12/31/2000	5,540,139	5,304,998	5,375,115	5,427,854	5,490,045	5,513,298			
12/31/2001	7,560,816	7,729,626	7,839,853	7,982,872	8,166,783				
12/31/2002	6,403,713	6,467,472	6,473,295	6,738,353					
12/31/2003	4,687,395	4,687,395	4,685,288						
12/31/2004	4,104,463	4,127,130							
12/31/2005	3,456,158								

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

Increments													
A.Y.E	27: 15	39: 27	51: 39	63: 51	75: 63	87: 75	99: 87	111: 99	123: 111	135: 123	147: 135	159:147	171:159
12/31/1997	664,827	207,751	711,751	303,427	132,623	106,307	33,164	166,047	73,393	54,082	74,002	173,359	92,367
12/31/1998	814,813	808,044	302,064	-295,149	74,600	11,715	101,400	132,898	39,613	19,319	14,410	7,714	10,536
12/31/1999	1,001,580	645,017	715,998	347,686	2,424	98,729	394,668	-3,366	37,561	10,818	31,523	13,801	190,941
12/31/2000	385,510	991,047	1,288,977	781,554	344,170	146,817	-54,114	40,647	18,192	25,671	399,305	-235,141	70,117
12/31/2001	1,137,527	1,350,106	923,395	1,123,169	512,568	903,672	251,541	254,384	-160,590	156,165	105,134	168,810	110,227
12/31/2002	824,722	1,415,582	716,810	1,030,308	314,775	103,499	153,634	62,181	3,515	98,146	52,693	63,759	5,823
12/31/2003	821,841	881,502	823,546	744,033	372,277	178,154	-20,529	9,248	38,848	73,966	-19,710	0	-2,107
12/31/2004	717,808	1,016,161	671,809	534,141	206,971	142,705	142,093	-2,058	-785	745	-2,800	22,667	
12/31/2005	707,326	1,044,415	558,276	1,184,926	-681,025	115,832	9,923	-3,771	-19,187	30	0		
12/31/2006	977,601	1,178,999	1,282,203	765,963	367,825	108,780	-42,748	33,310	-4,679	0			
12/31/2007	850,776	1,415,826	603,976	751,408	251,488	207,268	-160,947	38,260	-4,121				
12/31/2008	736,494	1,428,629	594,043	243,029	114,695	71,702	33,253	14,274					
12/31/2009	934,238	1,873,512	73,413	659,726	-21,132	16,227	13,616						
12/31/2010	988,613	1,441,245	1,452,589	1,162,254	242,759	-77,693							
12/31/2011	693,153	1,578,887	1,242,743	612,954	345,053								
12/31/2012	1,012,958	2,051,136	1,028,519	595,124									
12/31/2013	1,277,868	1,475,510	1,097,584										
12/31/2014	681,746	1,003,885											
12/31/2015	515,805												

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
12/31/1997	0.0508	0.0159	0.0544	0.0232	0.0101	0.0081	0.0025	0.0127	0.0056	0.0041	0.0057	0.0133	0.0071
12/31/1998	0.0651	0.0645	0.0241	-0.0236	0.0060	0.0009	0.0081	0.0106	0.0032	0.0015	0.0012	0.0006	0.0008
12/31/1999	0.0788	0.0508	0.0564	0.0274	0.0002	0.0078	0.0311	-0.0003	0.0030	0.0009	0.0025	0.0011	0.0150
12/31/2000	0.0283	0.0727	0.0945	0.0573	0.0252	0.0108	-0.0040	0.0030	0.0013	0.0019	0.0293	-0.0172	0.0051
12/31/2001	0.0783	0.0930	0.0636	0.0774	0.0353	0.0622	0.0173	0.0175	-0.0111	0.0108	0.0072	0.0116	0.0076
12/31/2002	0.0463	0.0794	0.0402	0.0578	0.0177	0.0058	0.0086	0.0035	0.0002	0.0055	0.0030	0.0036	0.0003
12/31/2003	0.0497	0.0533	0.0498	0.0450	0.0225	0.0108	-0.0012	0.0006	0.0023	0.0045	-0.0012	0.0000	-0.0001
12/31/2004	0.0586	0.0829	0.0548	0.0436	0.0169	0.0116	0.0116	-0.0002	-0.0001	0.0001	-0.0002	0.0018	
12/31/2005	0.0532	0.0785	0.0420	0.0891	-0.0512	0.0087	0.0007	-0.0003	-0.0014	0.0000	0.0000		
12/31/2006	0.0731	0.0882	0.0959	0.0573	0.0275	0.0081	-0.0032	0.0025	-0.0003	0.0000			
12/31/2007	0.0588	0.0978	0.0417	0.0519	0.0174	0.0143	-0.0111	0.0026	-0.0003				
12/31/2008	0.0559	0.1085	0.0451	0.0185	0.0087	0.0054	0.0025	0.0011					
12/31/2009	0.0695	0.1394	0.0055	0.0491	-0.0016	0.0012	0.0010						
12/31/2010	0.0641	0.0934	0.0941	0.0753	0.0157	-0.0050							
12/31/2011	0.0452	0.1030	0.0810	0.0400	0.0225								
12/31/2012	0.0844	0.1710	0.0857	0.0496									
12/31/2013	0.0957	0.1105	0.0822										
12/31/2014	0.0578	0.0851											
12/31/2015	0.0499												

Best 3/5	0.0641	0.1023	0.0830	0.0462	0.0139	0.0049	-0.0005	0.0011	-0.0002	0.0015	0.0009	0.0018	0.0044
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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>
12/31/1997	1.031	1.006	1.007	1.010	1.012	1.012	1.031 *
12/31/1998	1.009	0.999	1.003	1.053	1.037	1.008 *	1.031 *
12/31/1999	1.007	0.988	1.004	1.003	1.005 *	1.008 *	1.031 *
12/31/2000	1.010	1.011	1.004	1.002 *	1.005 *	1.008 *	1.031 *
12/31/2001	1.018	1.023	1.002 *	1.002 *	1.005 *	1.008 *	1.031 *
12/31/2002	1.041						
Best 3/5	1.012	1.005	1.004 *	1.005 *	1.007 *	1.008 *	1.031 *

171 to Ultimate Factor: 1.074

<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>
	0.323	0.259	0.157	0.074	0.028	0.014	0.009
<u>Months-to-Ultimate</u>	<u>99</u>	<u>111</u>	<u>123</u>	<u>135</u>	<u>147</u>	<u>159</u>	<u>171</u>
	0.009	0.008	0.009	0.007	0.006	0.004	0.000

A.Y.E	Reported ALAE as of 3/31/17	\$500,000 Ultimate Indemnity	ALAE Factor	Additional ALAE	ALAE at 171 Months	171-Ultimate Factor	Ultimate ALAE
12/31/2014	2,483,800	11,974,007	0.157	1,879,929	4,363,729	1.074	4,686,451
12/31/2015	919,749	10,196,622	0.259	2,640,926	3,560,675	1.074	3,823,990
12/31/2016	544,609	11,917,168	0.323	3,849,240	4,393,849	1.074	4,718,809

* Calculated Using Modified Bondy Method

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

\$100,000 Basic Limit Losses as of:

<u>A.Y.E.</u>	<u>15 Months</u>	<u>27 Months</u>	<u>39 Months</u>	<u>51 Months</u>	<u>63 Months</u>	<u>75 Months</u>	<u>87 Months</u>	<u>99 Months</u>	<u>111 Months</u>	<u>123 Months</u>	<u>135 Months</u>
12/31/1997	1,953,974	1,964,549	1,832,575	2,092,458	2,040,272	2,152,401	2,324,184	2,359,502	2,338,871	2,407,075	2,447,850
12/31/1998	1,376,246	1,584,285	1,827,587	1,989,165	2,007,293	1,856,698	1,895,083	1,871,634	1,918,615	2,049,084	1,968,505
12/31/1999	1,622,564	2,017,237	2,095,285	2,257,097	2,261,634	2,244,951	2,349,147	2,321,868	2,383,720	2,329,275	2,347,247
12/31/2000	2,153,802	2,368,783	2,567,661	2,657,625	2,846,689	3,195,261	3,052,674	3,098,150	3,260,826	3,340,009	3,322,925
12/31/2001	1,731,912	1,779,507	2,057,641	2,139,241	2,056,011	2,093,344	2,259,820	2,432,396	2,440,122	2,512,778	2,506,924
12/31/2002	1,627,015	1,773,646	1,929,360	1,991,502	1,951,566	1,976,361	2,055,109	2,051,078	2,101,695	2,166,817	2,231,202
12/31/2003	1,471,559	2,083,659	2,442,765	2,396,033	2,672,429	2,667,941	2,704,455	2,723,521	2,723,667	2,774,557	2,775,111
12/31/2004	2,245,149	2,535,073	2,588,741	2,478,879	2,544,085	2,550,663	2,479,290	2,517,773	2,538,622	2,547,105	2,557,072
12/31/2005	3,074,372	3,325,448	3,553,068	3,639,529	3,724,860	3,589,172	3,602,528	3,649,016	3,658,386	3,652,096	3,652,374
12/31/2006	3,319,395	3,819,872	3,811,854	3,845,683	3,860,534	4,019,137	4,055,225	4,219,507	4,266,936	4,344,031	4,337,005
12/31/2007	3,233,879	3,375,774	3,523,997	3,749,608	4,047,727	3,967,041	4,109,477	4,082,076	4,074,338	4,067,547	
12/31/2008	4,291,659	4,633,951	4,771,174	4,865,990	5,058,125	5,308,163	5,564,119	5,918,857	6,160,999		
12/31/2009	3,865,924	4,035,038	4,091,697	4,094,615	4,095,088	4,314,565	4,327,899	4,468,271			
12/31/2010	4,779,346	4,868,388	5,126,035	5,167,057	4,770,697	5,013,259	5,054,462				
12/31/2011	4,472,978	4,646,825	4,939,642	4,879,585	4,986,972	5,141,889					
12/31/2012	4,265,254	4,380,478	4,105,818	3,985,145	4,142,509						
12/31/2013	4,009,776	3,907,044	4,507,617	4,426,008							
12/31/2014	3,789,807	4,109,838	4,023,021								
12/31/2015	5,159,993	5,396,463									
12/31/2016	4,834,540										

<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>
12/31/1997	2,434,468	2,419,567	2,518,622	2,518,622	2,518,622	2,518,625	2,518,622	2,518,622	2,518,622
12/31/1998	1,895,894	1,901,179	1,900,644	1,900,644	1,903,816	1,900,483	1,900,482	1,900,482	
12/31/1999	2,359,524	2,440,346	2,450,629	2,425,118	2,490,017	2,491,218	2,488,717		
12/31/2000	3,329,570	3,322,818	3,326,317	3,319,315	3,319,314	3,317,314			
12/31/2001	2,489,513	2,446,591	2,452,085	2,453,264	2,465,271				
12/31/2002	2,213,098	2,278,740	2,285,615	2,294,215					
12/31/2003	2,815,167	2,799,953	2,783,902						
12/31/2004	2,517,294	2,519,073							
12/31/2005	3,647,774								

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
12/31/1997	1.005	0.933	1.142	0.975	1.055	1.080	1.015	0.991	1.029	1.017	0.995
12/31/1998	1.151	1.154	1.088	1.009	0.925	1.021	0.988	1.025	1.068	0.961	0.963
12/31/1999	1.243	1.039	1.077	1.002	0.993	1.046	0.988	1.027	0.977	1.008	1.005
12/31/2000	1.100	1.084	1.035	1.071	1.122	0.955	1.015	1.053	1.024	0.995	1.002
12/31/2001	1.027	1.156	1.040	0.961	1.018	1.080	1.076	1.003	1.030	0.998	0.993
12/31/2002	1.090	1.088	1.032	0.980	1.013	1.040	0.998	1.025	1.031	1.030	0.992
12/31/2003	1.416	1.172	0.981	1.115	0.998	1.014	1.007	1.000	1.019	1.000	1.014
12/31/2004	1.129	1.021	0.958	1.026	1.003	0.972	1.016	1.008	1.003	1.004	0.984
12/31/2005	1.082	1.068	1.024	1.023	0.964	1.004	1.013	1.003	0.998	1.000	0.999
12/31/2006	1.151	0.998	1.009	1.004	1.041	1.009	1.041	1.011	1.018	0.998	
12/31/2007	1.044	1.044	1.064	1.080	0.980	1.036	0.993	0.998	0.998		
12/31/2008	1.080	1.030	1.020	1.039	1.049	1.048	1.064	1.041			
12/31/2009	1.044	1.014	1.001	1.000	1.054	1.003	1.032				
12/31/2010	1.019	1.053	1.008	0.923	1.051	1.008					
12/31/2011	1.039	1.063	0.988	1.022	1.031						
12/31/2012	1.027	0.937	0.971	1.039							
12/31/2013	0.974	1.154	0.982								
12/31/2014	1.084	0.979									
12/31/2015	1.046										

3 Yr Mean 1.035 1.023 0.980 0.995 1.045 1.020 1.030 1.017 1.005 1.001 0.999

Best 3/5 1.037 1.032 0.990 1.020 1.044 1.018 1.029 1.007 1.006 1.001 0.995

A.Y.E.	159:147	171:159	183:171	195:183	207:195	219:207	231:219	243:231			
12/31/1997	0.994	1.041	1.000	1.000	1.000	1.000	1.000	1.000			
12/31/1998	1.003	1.000	1.000	1.002	0.998	1.000	1.000	1.000 *			
12/31/1999	1.034	1.004	0.990	1.027	1.000	0.999	1.000 *	1.000 *			
12/31/2000	0.998	1.001	0.998	1.000	0.999	1.000 *	1.000 *	1.000 *			
12/31/2001	0.983	1.002	1.000	1.005	1.002 *	1.000 *	1.000 *	1.000 *			
12/31/2002	1.030	1.003	1.004								
12/31/2003	0.995	0.994									
12/31/2004	1.001										

3 Yr Mean 1.009 1.000 1.001 1.011 0.999 @ 1.000 @ 1.000 @ 1.000 @

Best 3/5 0.998 1.002 0.999 1.002 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
12/31/2012					1.044	1.018	1.029	1.007	1.006	1.001	0.995
12/31/2013				1.020	1.044	1.018	1.029	1.007	1.006	1.001	0.995
12/31/2014			0.990	1.020	1.044	1.018	1.029	1.007	1.006	1.001	0.995
12/31/2015		1.032	0.990	1.020	1.044	1.018	1.029	1.007	1.006	1.001	0.995
12/31/2016	1.037	1.032	0.990	1.020	1.044	1.018	1.029	1.007	1.006	1.001	0.995

A.Y.E.	147/159	159/171	171/183	183/195	195/207	207/219	219/231	231/243	243/U1t	FACTORS
12/31/2012	0.998	1.002	0.999	1.002	1.000	1.000	1.000	1.000	1.000*	1.105
12/31/2013	0.998	1.002	0.999	1.002	1.000	1.000	1.000	1.000	1.000*	1.127
12/31/2014	0.998	1.002	0.999	1.002	1.000	1.000	1.000	1.000	1.000*	1.115
12/31/2015	0.998	1.002	0.999	1.002	1.000	1.000	1.000	1.000	1.000*	1.151
12/31/2016	0.998	1.002	0.999	1.002	1.000	1.000	1.000	1.000	1.000*	1.194

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

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

\$100,000 Basic Limit Losses as of:

A.Y.E.	15 Months	27 Months	39 Months	51 Months	63 Months	75 Months	87 Months	99 Months	111 Months	123 Months	135 Months
12/31/1997	157,727	122,846	167,989	148,509	149,509	156,242	157,010	189,866	194,714	174,444	221,954
12/31/1998	157,924	224,899	253,590	229,478	251,902	259,200	225,813	222,912	284,696	286,522	285,522
12/31/1999	126,641	317,779	318,867	283,866	309,479	293,503	274,445	273,947	280,945	273,945	273,945
12/31/2000	150,416	248,134	188,848	196,780	189,280	253,280	237,878	257,878	215,285	215,285	215,285
12/31/2001	208,337	185,152	211,169	225,824	225,824	216,726	265,726	270,726	265,727	267,726	365,726
12/31/2002	126,361	142,070	179,489	193,002	260,082	377,800	491,895	473,896	511,136	547,821	575,216
12/31/2003	301,928	273,260	286,387	400,997	521,569	603,103	647,217	719,333	800,317	989,921	1,086,391
12/31/2004	271,414	148,753	234,289	358,922	445,685	636,408	620,290	908,519	1,012,477	1,091,692	1,300,429
12/31/2005	197,281	268,813	319,792	399,663	440,559	544,464	604,272	604,850	649,740	1,097,958	1,212,221
12/31/2006	329,693	314,413	429,191	574,642	694,425	791,636	765,563	789,657	977,751	1,111,968	1,015,782
12/31/2007	444,093	654,857	681,805	622,939	592,373	583,394	587,261	684,261	681,411	678,189	
12/31/2008	341,102	249,777	378,523	377,040	388,540	386,540	486,540	486,540	480,041		
12/31/2009	183,622	185,756	157,956	156,256	156,356	263,169	263,069	363,069			
12/31/2010	263,109	267,778	262,233	266,329	360,329	360,329	360,329				
12/31/2011	318,781	343,489	316,318	337,818	315,907	325,907					
12/31/2012	301,846	261,235	268,400	276,297	262,657						
12/31/2013	508,761	545,111	574,416	724,757							
12/31/2014	426,117	524,296	517,358								
12/31/2015	669,243	760,156									
12/31/2016	1,081,583										

A.Y.E.	147 Months	159 Months	171 Months	183 Months	195 Months	207 Months	219 Months	231 Months	243 Months
12/31/1997	224,822	234,855	241,102	235,639	242,201	242,200	242,200	242,200	242,200
12/31/1998	285,637	285,637	285,637	285,637	285,637	285,637	285,637	285,637	
12/31/1999	273,945	273,945	273,945	273,945	273,945	273,945	273,945		
12/31/2000	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				
12/31/2002	574,442	569,196	569,552	575,757					
12/31/2003	1,280,210	1,300,582	1,222,192						
12/31/2004	1,292,790	1,187,108							
12/31/2005	1,201,211								

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
12/31/1997	0.779	1.367	0.884	1.007	1.045	1.005	1.209	1.026	0.896	1.272	1.013
12/31/1998	1.424	1.128	0.905	1.098	1.029	0.871	0.987	1.277	1.006	0.997	1.000
12/31/1999	2.509	1.003	0.890	1.090	0.948	0.935	0.998	1.026	0.975	1.000	1.000
12/31/2000	1.650	0.761	1.042	0.962	1.338	0.939	1.084	0.835	1.000	1.000	1.000
12/31/2001	0.889	1.141	1.069	1.000	0.960	1.226	1.019	0.982	1.008	1.366	1.000
12/31/2002	1.124	1.263	1.075	1.348	1.453	1.302	0.963	1.079	1.072	1.050	0.999
12/31/2003	0.905	1.048	1.400	1.301	1.156	1.073	1.111	1.113	1.237	1.097	1.178
12/31/2004	0.548	1.575	1.532	1.242	1.428	0.975	1.465	1.114	1.078	1.191	0.994
12/31/2005	1.363	1.190	1.250	1.102	1.236	1.110	1.001	1.074	1.690	1.104	0.991
12/31/2006	0.954	1.365	1.339	1.208	1.140	0.967	1.031	1.238	1.137	0.913	
12/31/2007	1.475	1.041	0.914	0.951	0.985	1.007	1.165	0.996	0.995		
12/31/2008	0.732	1.515	0.996	1.031	0.995	1.259	1.000	0.987			
12/31/2009	1.012	0.850	0.989	1.001	1.683	1.000	1.380				
12/31/2010	1.018	0.979	1.016	1.353	1.000	1.000					
12/31/2011	1.078	0.921	1.068	0.935	1.032						
12/31/2012	0.865	1.027	1.029	0.951							
12/31/2013	1.071	1.054	1.262								
12/31/2014	1.230	0.987									
12/31/2015	1.136										

3 Yr Mean 1.146 1.023 1.120 1.080 1.238 1.086 1.182 1.074 1.274 1.069 1.054

Best 3/5 1.095 0.998 1.038 0.994 1.009 1.002 1.066 1.061 1.151 1.084 0.998

A.Y.E.	159:147	171:159	183:171	195:183	207:195	219:207	231:219	243:231			
12/31/1997	1.045	1.027	0.977	1.028	1.000	1.000	1.000	1.000			
12/31/1998	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000 *			
12/31/1999	1.000	1.000	1.000	1.000	1.000	1.000	1.000 *	1.000 *			
12/31/2000	1.000	1.000	1.000	1.000	1.000	1.000 *	1.000 *	1.000 *			
12/31/2001	1.000	1.000	1.000	1.000	1.000 *	1.000 *	1.000 *	1.000 *			
12/31/2002	0.991	1.001	1.011								
12/31/2003	1.016	0.940									
12/31/2004	0.918										

3 Yr Mean 0.975 0.980 1.004 1.000 1.000 @ 1.000 @ 1.000 @ 1.000 @

Best 3/5 0.997 1.000 1.000 1.000 1.000 * 1.000 * 1.000 * 1.000 *

Development From

A.Y.E.	15/ 27	27/ 39	39/ 51	51/ 63	63/ 75	75/ 87	87/ 99	99/111	111/123	123/135	135/147
12/31/2012					1.009	1.002	1.066	1.061	1.151	1.084	0.998
12/31/2013				0.994	1.009	1.002	1.066	1.061	1.151	1.084	0.998
12/31/2014			1.038	0.994	1.009	1.002	1.066	1.061	1.151	1.084	0.998
12/31/2015		0.998	1.038	0.994	1.009	1.002	1.066	1.061	1.151	1.084	0.998
12/31/2016	1.095	0.998	1.038	0.994	1.009	1.002	1.066	1.061	1.151	1.084	0.998

A.Y.E.	147/159	159/171	171/183	183/195	195/207	207/219	219/231	231/243	243/U1t	FACTORS
12/31/2012	0.997	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000*	1.420
12/31/2013	0.997	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000*	1.411
12/31/2014	0.997	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000*	1.465
12/31/2015	0.997	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000*	1.462
12/31/2016	0.997	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000*	1.601

* Calculated Using Modified Bondy Method

@ Three year mean Excludes Modified Bondy ratios

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

Allocated Expenses as of:

<u>A.Y.E</u>	<u>15 Months</u>	<u>27 Months</u>	<u>39 Months</u>	<u>51 Months</u>	<u>63 Months</u>	<u>75 Months</u>	<u>87 Months</u>	<u>99 Months</u>	<u>111 Months</u>	<u>123 Months</u>	<u>135 Months</u>
12/31/1997	276,948	175,093	353,525	484,554	687,733	803,728	1,019,497	1,117,863	1,130,837	1,252,239	1,320,583
12/31/1998	93,603	143,477	258,898	419,295	524,305	681,129	713,853	694,991	848,370	1,138,690	1,398,101
12/31/1999	188,541	344,283	618,993	782,757	858,064	952,209	1,141,439	1,245,594	1,389,838	1,572,588	1,703,041
12/31/2000	303,570	496,985	722,201	878,051	1,101,037	1,356,903	1,776,754	1,996,270	2,170,596	2,470,894	2,642,564
12/31/2001	216,535	309,054	519,627	758,125	974,729	1,211,299	1,655,782	1,987,186	1,938,171	2,141,414	2,265,679
12/31/2002	181,645	341,083	602,624	957,722	1,088,629	1,220,860	1,310,414	1,383,922	1,445,500	1,642,839	1,833,162
12/31/2003	67,471	688,627	1,100,727	1,269,840	1,426,435	1,459,683	1,516,286	1,619,182	1,692,631	1,794,548	1,878,263
12/31/2004	167,816	324,797	508,119	782,438	906,663	1,081,638	1,113,814	1,135,397	1,166,819	1,175,000	1,234,712
12/31/2005	260,203	362,824	674,254	884,368	958,767	1,055,372	1,121,177	1,244,885	1,239,400	1,238,710	1,243,019
12/31/2006	178,573	417,601	706,797	1,015,689	1,339,711	1,704,775	1,803,005	2,175,843	2,223,719	2,313,659	2,315,254
12/31/2007	434,289	1,006,722	1,413,658	2,157,512	2,507,554	2,952,888	2,986,494	3,205,523	3,275,550	3,255,682	
12/31/2008	455,970	1,055,683	1,606,739	2,787,689	3,791,626	6,002,908	8,505,239	9,929,022	9,914,310		
12/31/2009	684,001	1,192,213	1,337,061	1,369,099	1,526,956	1,598,087	1,911,802	2,093,860			
12/31/2010	235,257	441,591	782,426	1,158,372	1,285,651	1,461,769	1,717,206				
12/31/2011	423,139	774,793	1,166,146	1,554,962	1,874,103	1,885,801					
12/31/2012	272,043	586,000	978,794	1,129,267	1,326,320						
12/31/2013	440,144	599,821	874,329	1,148,333							
12/31/2014	289,115	607,907	942,786								
12/31/2015	437,433	889,161									
12/31/2016	350,376										

<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>
12/31/1997	1,376,572	1,377,742	1,397,896	1,397,896	1,397,896	1,397,896	1,397,896	1,397,896	1,397,896
12/31/1998	1,405,266	1,415,030	1,427,659	1,427,383	1,427,894	1,425,384	1,425,384	1,425,384	
12/31/1999	2,100,349	2,235,293	2,395,830	2,518,468	2,535,514	2,536,240	2,536,302		
12/31/2000	2,791,939	2,904,640	2,970,150	2,916,960	2,941,496	2,966,496			
12/31/2001	2,380,396	2,467,803	2,495,673	2,585,284	2,811,773				
12/31/2002	1,925,053	2,197,675	2,356,517	2,387,504					
12/31/2003	1,938,946	1,958,213	1,981,495						
12/31/2004	1,234,376	1,246,050							
12/31/2005	1,420,020								

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>
12/31/1997	-101,855	178,432	131,029	203,179	115,995	215,769	98,366	12,974	121,402	68,344	55,989	1,170	20,154
12/31/1998	49,874	115,421	160,397	105,010	156,824	32,724	-18,862	153,379	290,320	259,411	7,165	9,764	12,629
12/31/1999	155,742	274,710	163,764	75,307	94,145	189,230	104,155	144,244	182,750	130,453	397,308	134,944	160,537
12/31/2000	193,415	225,216	155,850	222,986	255,866	419,851	219,516	174,326	300,298	171,670	149,375	112,701	65,510
12/31/2001	92,519	210,573	238,498	216,604	236,570	444,483	331,404	-49,015	203,243	124,265	114,717	87,407	27,870
12/31/2002	159,438	261,541	355,098	130,907	132,231	89,554	73,508	61,578	197,339	190,323	91,891	272,622	158,842
12/31/2003	621,156	412,100	169,113	156,595	33,248	56,603	102,896	73,449	101,917	83,715	60,683	19,267	23,282
12/31/2004	156,981	183,322	274,319	124,225	174,975	32,176	21,583	31,422	8,181	59,712	-336	11,674	
12/31/2005	102,621	311,430	210,114	74,399	96,605	65,805	123,708	-5,485	-690	4,309	177,001		
12/31/2006	239,028	289,196	308,892	324,022	365,064	98,230	372,838	47,876	89,940	1,595			
12/31/2007	572,433	406,936	743,854	350,042	445,334	33,606	219,029	70,027	-19,868				
12/31/2008	599,713	551,056	1,180,950	1,003,937	2,211,282	2,502,331	1,423,783	-14,712					
12/31/2009	508,212	144,848	32,038	157,857	71,131	313,715	182,058						
12/31/2010	206,334	340,835	375,946	127,279	176,118	255,437							
12/31/2011	351,654	391,353	388,816	319,141	11,698								
12/31/2012	313,957	392,794	150,473	197,053									
12/31/2013	159,677	274,508	274,004										
12/31/2014	318,792	334,879											
12/31/2015	451,728												

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>
12/31/1997	-0.0282	0.0494	0.0363	0.0563	0.0321	0.0598	0.0273	0.0036	0.0336	0.0189	0.0155	0.0003	0.0056
12/31/1998	0.0250	0.0579	0.0804	0.0526	0.0786	0.0164	-0.0095	0.0769	0.1456	0.1301	0.0036	0.0049	0.0063
12/31/1999	0.0501	0.0884	0.0527	0.0242	0.0303	0.0609	0.0335	0.0464	0.0588	0.0420	0.1279	0.0434	0.0517
12/31/2000	0.0456	0.0531	0.0367	0.0526	0.0603	0.0990	0.0518	0.0411	0.0708	0.0405	0.0352	0.0266	0.0154
12/31/2001	0.0281	0.0639	0.0724	0.0658	0.0718	0.1349	0.1006	-0.0149	0.0617	0.0377	0.0348	0.0265	0.0085
12/31/2002	0.0683	0.1121	0.1521	0.0561	0.0567	0.0384	0.0315	0.0264	0.0846	0.0815	0.0394	0.1168	0.0681
12/31/2003	0.2115	0.1403	0.0576	0.0533	0.0113	0.0193	0.0350	0.0250	0.0347	0.0285	0.0207	0.0066	0.0079
12/31/2004	0.0550	0.0642	0.0961	0.0435	0.0613	0.0113	0.0076	0.0110	0.0029	0.0209	-0.0001	0.0041	
12/31/2005	0.0248	0.0752	0.0507	0.0180	0.0233	0.0159	0.0299	-0.0013	-0.0002	0.0010	0.0428		
12/31/2006	0.0477	0.0577	0.0616	0.0646	0.0728	0.0196	0.0744	0.0095	0.0179	0.0003			
12/31/2007	0.1065	0.0757	0.1384	0.0651	0.0829	0.0063	0.0408	0.0130	-0.0037				
12/31/2008	0.0865	0.0795	0.1704	0.1448	0.3190	0.3610	0.2054	-0.0021					
12/31/2009	0.1075	0.0306	0.0068	0.0334	0.0150	0.0663	0.0385						
12/31/2010	0.0362	0.0599	0.0660	0.0224	0.0309	0.0449							
12/31/2011	0.0555	0.0617	0.0613	0.0503	0.0018								
12/31/2012	0.0630	0.0788	0.0302	0.0395									
12/31/2013	0.0306	0.0525	0.0524										
12/31/2014	0.0578	0.0607											
12/31/2015	0.0599												

Best 3/5	0.0577	0.0608	0.0480	0.0411	0.0430	0.0436	0.0512	0.0064	0.0069	0.0168	0.0316	0.0199	0.0252
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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>
12/31/1997	1.000	1.000	1.000	1.000	1.000	1.000	1.000 *
12/31/1998	1.000	1.000	0.998	1.000	1.000	1.000 *	1.000 *
12/31/1999	1.051	1.007	1.000	1.000	1.000 *	1.000 *	1.000 *
12/31/2000	0.982	1.008	1.008	1.000 *	1.000 *	1.000 *	1.000 *
12/31/2001	1.036	1.088	1.002 *	1.000 *	1.000 *	1.000 *	1.000 *
12/31/2002	1.013						
Best 3/5	1.016	1.005	1.001 *	1.000 *	1.000 *	1.000 *	1.000 *

171 to Ultimate Factor: 1.022

<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>
	0.452	0.394	0.334	0.286	0.245	0.202	0.158
<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>
	0.107	0.100	0.094	0.077	0.045	0.025	0.000

A.Y.E	Reported ALAE as of 3/31/17	\$500,000 Ultimate Indemnity	ALAE Factor	Additional ALAE	ALAE at 171 Months	171-Ultimate Factor	Ultimate ALAE
12/31/2014	1,094,430	5,686,667	0.334	1,899,341	2,993,771	1.022	3,059,493
12/31/2015	965,324	7,809,081	0.394	3,076,789	4,042,113	1.022	4,130,884
12/31/2016	426,716	7,293,774	0.452	3,296,788	3,723,504	1.022	3,805,255

* Calculated Using Modified Bondy Method

Multistate Review of ULAE Experience
General Liability Including CMP Liability
Loss Adjustment Expense Special Call
Calendar Years 2012 - 2016

<u>Item *</u>	<u>2012</u>	<u>2013</u>	<u>2014</u>	<u>2015</u>	<u>2016</u>	<u>2012 - 2016 Mean</u>
1. Direct Losses Incurred	\$18,480,140	\$18,521,277	\$19,140,390	\$24,110,646	\$25,085,478	
2. Allocated Loss Adjustment Expenses Incurred (ALAE)	\$5,270,137	\$5,080,420	\$4,727,492	\$5,601,664	\$4,581,304	
3. Unallocated Loss Adjustment Expenses Incurred (ULAE)	\$1,892,698	\$2,061,866	\$2,159,178	\$2,371,173	\$2,496,550	
4. Incurred Losses + ALAE [(1) + (2)]	\$23,750,277	\$23,601,697	\$23,867,882	\$29,712,310	\$29,666,781	
	<u>Incurred Percentage</u>					
5. Ratio of ULAE to (Losses + ALAE) [(3)/(4)]	8.0%	8.7%	9.0%	8.0%	8.4%	8.4%
6. Selected	8.5%					

Notes: All dollar amounts are displayed in thousands.

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

LOCAL PRODUCTS / COMPLETED OPERATIONS TREND SUMMARY

(1) <u>EXPOSURE TREND</u>	<u>LOCAL PRODUCTS</u>	<u>COMPLETED OPERATIONS</u>	<u>LOCAL PRODUCTS / COMPLETED OPERATIONS COMBINED</u>
Average Annual Percent Change			
a) 7/1/2014 to 7/1/2019 AYE 12/31/2014	+ 1.3%	+ 2.8%	+ 2.6%
b) 7/1/2015 to 7/1/2019 AYE 12/31/2015	+ 1.5%	+ 3.0%	+ 2.8%
c) 7/1/2016 to 7/1/2019 AYE 12/31/2016	+ 2.1%	+ 2.9%	+ 2.8%
(2) <u>OCCURRENCE SEVERITY</u>	<u>BODILY INJURY</u>	<u>PROPERTY DAMAGE</u>	
a) Fitted			
All Years	+ 1.9%	+ 3.5%	
Eight Years	+ 1.5%	+ 4.2%	
Six Years	+ 1.1%	+ 7.7%	
b) Selected	+ 2.5%	+ 4.0%	
(3) <u>FREQUENCY TREND</u>			
Selected	+ 0.0%		
(4) <u>TOTAL ANNUAL NET TREND</u>			
Net trend = (frequency trend x severity trend) / exposure trend			

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 12/31/2014, 12/31/2015 & 12/31/2016

(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		
2006	1		0.957			19.526			2013	1		1.031			24.063		
	2		0.963			19.645				2		1.033			24.139		
	3		0.968			19.803				3		1.034			24.179		
	4		0.973			20.002				4		1.036			24.225		
2007	1		0.978			20.243			2014	1		1.037			24.307		
	2		0.982			20.497				2		1.041			24.414		
	3		0.984			20.718				3		1.044			24.541		
	4		0.986			20.928				4		1.045			24.663		
2008	1		0.984			21.143			2015	1		1.046			24.772		
	2		0.980			21.357				2		1.047			24.918		
	3		0.979			21.604				3		1.048			25.015		
	4		0.981			21.880				4		1.049			25.169		
2009	1		0.988			22.128			2016	1		1.050			25.308		
	2		0.995			22.349				2		1.050			25.475		
	3		0.999			22.502				3		1.049			25.730		
	4		1.000			22.653				4		1.050			25.941		
2010	1		0.996			22.806			2017	1		1.052			26.150		
	2		0.993			22.928				2		1.052			26.308		
	3		0.993			23.080				3P		1.054			26.489		
	4		0.996			23.208				4P		1.055			26.681		
2011	1		0.999			23.312			2018	1P		1.057			26.894		
	2		1.004			23.427				2P		1.062			27.113		
	3		1.009			23.556				3P		1.068			27.295		
	4		1.012			23.638				4P		1.077			27.491		
2012	1		1.016			23.715			2019	1P		1.087			27.694		
	2		1.019			23.794				2P		1.097			27.902		
	3		1.023			23.873				3P		1.107			28.109		
	4		1.027			23.965				4P		1.115			28.310		
CHANGE IN EXPOSURES			LOCAL PRODUCTS			COMPLETED OPERATIONS											
7/1/2014 to 7/1/2019			(2019:4/2014:4)			1.067			1.148								
7/1/2015 to 7/1/2019			(2019:4/2015:4)			1.063			1.125								
7/1/2016 to 7/1/2019			(2019:4/2016:4)			1.063			1.091								
AVERAGE ANNUAL TREND FACTOR																	
7/1/2014 to 7/1/2019			(5.0 YRS)			1.013			1.028								
7/1/2015 to 7/1/2019			(4.0 YRS)			1.015			1.030								
7/1/2016 to 7/1/2019			(3.0 YRS)			1.021			1.029								

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

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OCCURRENCE SEVERITY TREND

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

Bodily Injury

(1) Accident Year Ending	(2) Basic Limit Paid Losses *	(3) Paid Occurrences	(4) (2)/(3) Actual Severity	(5) Exponential Curve of Best Fit to Col (4)		
				10 Year	8 Year	6 Year
12/31/2007	\$39,711,106	1,624	\$24,453	\$25,691		
12/31/2008	40,125,244	1,496	26,822	26,168		
12/31/2009	40,025,039	1,578	25,364	26,653	\$27,095	
12/31/2010	49,711,859	1,695	29,329	27,147	27,492	
12/31/2011	45,171,066	1,578	28,626	27,650	27,895	\$28,185
12/31/2012	42,978,587	1,523	28,220	28,163	28,304	28,483
12/31/2013	46,577,567	1,629	28,593	28,685	28,719	28,784
12/31/2014	41,538,760	1,412	29,418	29,217	29,140	29,088
12/31/2015	32,968,872	1,171	28,154	29,759	29,567	29,395
12/31/2016	30,310,553	988	30,679	30,311	30,001	29,705

Goodness of Fit Statistic, R-Squared: 0.636 0.421 0.362

Average Annual Severity Trend (10 yr) + 1.9%

Average Annual Severity Trend (8 yr) + 1.5%

Average Annual Severity Trend (6 yr) + 1.1%

Selected Annual Severity Trend + 2.5%

* 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 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>
12/31/2007	\$162,859,717	5,614	\$29,010	\$27,861		
12/31/2008	187,411,113	6,393	29,315	28,827		
12/31/2009	202,383,225	6,162	32,844	29,826	\$28,888	
12/31/2010	189,323,631	6,300	30,051	30,860	30,102	
12/31/2011	165,611,714	6,031	27,460	31,929	31,366	\$28,303
12/31/2012	168,565,382	5,338	31,578	33,036	32,684	30,471
12/31/2013	147,563,042	4,550	32,431	34,181	34,058	32,806
12/31/2014	150,892,903	4,119	36,633	35,365	35,489	35,319
12/31/2015	149,995,453	4,065	36,899	36,591	36,980	38,025
12/31/2016	153,544,465	3,752	40,923	37,859	38,533	40,939
Goodness of Fit Statistic, R-Squared:				0.672	0.627	0.954
Average Annual Severity Trend (10 yr)				+ 3.5%		
Average Annual Severity Trend (8 yr)				+ 4.2%		
Average Annual Severity Trend (6 yr)				+ 7.7%		
Selected Annual Severity Trend				+ 4.0%		

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

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

(See Section B - Explanation of Trend Calculation).

LOCAL PRODUCTS/COMPLETED OPERATIONS

FREQUENCY TREND
MULTISTATE

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

Bodily Injury and Property Damage Combined

(1) Accident Year <u>Ending</u>	(2) Aggregate Loss Costs at <u>Current Level</u>	(3) Occurrences at Ultimate ¹	(4) Occurrence Frequency <u>(3)/(2)²</u>
12/31/2003	\$ 281,552,759	7,429	26.38
12/31/2004	291,285,608	8,131	27.91
12/31/2005	320,725,495	7,886	24.59
12/31/2006	342,598,346	8,439	24.63
12/31/2007	341,644,969	8,390	24.56
12/31/2008	331,317,722	8,874	26.78
12/31/2009	301,781,349	8,695	28.81
12/31/2010	287,667,011	8,923	31.02
12/31/2011	294,292,796	8,661	29.43
12/31/2012	315,415,460	8,749	27.74
12/31/2013	322,496,477	8,397	26.04
12/31/2014	333,744,160	8,115	24.32
12/31/2015	345,720,704	7,789	22.53
12/31/2016	353,178,141	7,259	20.55

Selected Annual Frequency Trend: 0.0%

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

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

CLASS GROUPS AND CALCULATION OF PROPOSED CLASS LOSS COSTS

Explanatory Notes

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

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

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

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

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

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

K = The number of classes within the class group.

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

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

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

*Note: The latest year of ALCCL in this filing reflects the full implementation of monoline/multiline data versus the prior filing.

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 $\tilde{X}_{\text{monoline}}$ which is the column (5) total using column (1) as weights.

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

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

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

Change Factor = (Index) (Class Group Relative Change) (SWRL) (Off balance factor)

where "SWRL" equals the selected state monoline loss cost level change.

The off balance factor of 1.015 results from capping.

*Note: The latest year of ALCCL in this filing reflects the full implementation of monoline/multiline data versus the prior filing.

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 * .905 * .948

CLASS	AYE 2016 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	160431	1107931	.54522	.3752	.663	.806	.691	-25.9	.054	.040	L
10145	89011	901263	.16953	.3360	.544	.661	.567	-25.0	.012	.009	L
10146	43483	427861	.43616	.2245	.667	.810	.695	-22.7	.022	.017	L
10352	43311	308440	.33055	.1902	.657	.798	.685	-26.6	.079	.058	L
11039	349321	2483061	.88109	.5515	.815	.990	.849	-15.3	.059	.050	
11258	37911	190797	.12824	.1533	.641	.779	.668	-26.8	.220	.161	L
11259	877	3420	.00000	.0870	.670	.814	.698	-26.7	.161	.118	L
11288	79971	597470	.88708	.2685	.775	.942	.808	-18.8	.080	.065	
12374	261121	1242760	.58076	.3984	.673	.818	.702	-26.6	.079	.058	L
12375	153613	934647	.51057	.3427	.657	.798	.685	-25.4	.059	.044	L
13673	344334	2436562	.96537	.5472	.861	1.046	.897	-7.7	.013	.012	
13720	36948	300553	.37180	.1878	.666	.809	.694	-26.0	.077	.057	L
14401	71140	326640	.73137	.1956	.734	.892	.765	-23.8	.164	.125	
15224	101238	691219	.92811	.2907	.790	.960	.824	-16.9	.065	.054	
16900	679711	4244802	.78406	.6705	.768	.933	.800	-20.2	.109	.087	
16901	2490988	12330890	1.05382	.8515	1.006	1.222	1.048	4.7	.129	.135	
16902	148658	1037334	.59667	.3623	.684	.831	.713	-26.1	.088	.065	L
16905								-20.2	.109	.087	
16906								4.7	.129	.135	
16910	2782485	16388291	.80486	.8836	.797	.968	.830	-17.5	.063	.052	
16911	187641	1204139	.88352	.3919	.793	.964	.827	-17.2	.064	.053	
16915	92255	722851	1.07095	.2979	.834	1.013	.869	-12.5	.056	.049	
16916	1321555	8174719	.70640	.7931	.712	.865	.742	-25.4	.071	.053	
16920	20097	121816	.88306	.1300	.753	.915	.785	-21.3	.155	.122	
16921	1957	10379	.00000	.0897	.668	.812	.697	-26.7	.086	.063	L
16930	70284	399018	1.35611	.2165	.869	1.056	.906	-9.7	.144	.130	
16931	47076	160963	.14769	.1434	.650	.790	.678	-26.7	.086	.063	L
16940	988	6888	.00000	.0883	.669	.813	.698	-26.7	.086	.063	L
16941	26134	148976	.18972	.1393	.658	.800	.686	-26.4	.129	.095	L
18435	239757	1842893	.93503	.4837	.831	1.010	.867	-14.3	.049	.042	
18436	20422	148778	.27341	.1393	.670	.814	.698	-26.7	.217	.159	L
18501	489189	3306914	.70499	.6163	.716	.870	.746	-26.7	.015	.011	
45900	67819	543539	.00000	.2550	.547	.665	.571	-25.7	.070	.052	L
49617	519307	2833474	1.06534	.5816	.927	1.126	.966	-3.1	.161	.156	
57001	21911	179340	2.40889	.1495	.984	1.196	1.026	0.0	.014	.014	

X-TILDE: .819 X-TILDE (MONOLINE): .823 PI-TILDE: .0050172
 TAU SQUARED: .03000 SIGMA SQUARED: 71736.18995

L - CAPPED DOWN

U - CAPPED UP

N - NOT SUBJECT TO CAPPING

E - SUBJECT TO CAPPING EXCEPTION

LOSS COST % CHANGE BY CLASS

SUBLINE: LOCAL PRODUCTS/COMPLETED OPERATIONS

CLASS GROUP: 02

NUMBER OF YEARS OF DATA USED: 5

CHANGE FACTOR = INDEX * CG REL * SWRL USED = INDEX * 1.001 * .948

CLASS	AYE 2016 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	5334	51842	1.88782	.0929	.988	1.048	.994	0.0	.016	.016	
10042	1210000	7083968	1.09607	.8504	1.066	1.130	1.072	7.1	.280	.300	
10060	5417	23403	.00000	.0739	.829	.879	.834	-16.8	.095	.079	
10065	25239	248648	.10755	.2055	.734	.778	.738	-24.2	.033	.025	L
10066	3640	24018	4.42464	.0743	1.158	1.228	1.165	16.7	.036	.042	
10071	612166	3772289	.90499	.7534	.903	.958	.909	-9.0	.100	.091	
10073	8972125	49536802	.94976	.9752	.948	1.005	.954	-4.7	.430	.410	
10075	1502	23617	.09061	.0740	.836	.887	.842	-15.8	.203	.171	
10107	75742	497447	.56989	.3132	.793	.841	.798	-20.0	.220	.176	
10115	87144	435745	.49472	.2893	.780	.827	.785	-21.6	.097	.076	
10309	32989	224717	.15989	.1933	.753	.799	.758	-26.1	.023	.017	
11020	4787	46583	18.49814	.0894	2.469	2.618	2.484	25.0	.060	.075	U
11127	102570	775074	.49303	.4035	.733	.777	.737	-18.2	.011	.009	L
11128	22208	183066	1.63142	.1712	1.021	1.083	1.028	2.0	.050	.051	
11204	23837	160850	1.42855	.1589	.980	1.039	.986	-1.4	1.430	1.410	
11234	33203	224698	.35518	.1933	.791	.839	.796	-20.3	.074	.059	
12014	25474	253282	.05448	.2078	.721	.765	.726	-26.1	.046	.034	L
12356	11185	93488	.14500	.1193	.806	.855	.811	-17.9	.028	.023	
12510	6807	57853	.00000	.0968	.809	.858	.814	-18.5	.027	.022	
12805	949932	5599727	1.10729	.8184	1.069	1.134	1.076	7.5	.120	.129	
13351	647423	4650856	1.20154	.7896	1.137	1.206	1.144	14.3	.035	.040	
13352	13966	75589	.33592	.1081	.835	.885	.840	-15.9	.044	.037	
13506	103727	656301	.92800	.3680	.907	.962	.913	-8.5	.071	.065	
13507	115116	426230	.85657	.2855	.884	.937	.889	-10.9	.183	.163	
13716	884481	5130479	.87506	.8052	.879	.932	.884	-11.9	.143	.126	
13759	31029	147361	.01919	.1512	.763	.809	.768	-23.3	.180	.138	
14101	13620	104104	.80860	.1258	.885	.938	.890	-11.4	.035	.031	
14279	175088	1329922	.17764	.5276	.517	.548	.520	-26.9	.078	.057	L
14913	67297	350839	1.25117	.2536	.986	1.046	.993	-0.9	.110	.109	
15538	20231	170267	.11760	.1641	.768	.814	.772	-23.8	.021	.016	
15600	4231	39225	.00000	.0846	.820	.870	.826	-17.9	.095	.078	
15608	1546	18835	.00000	.0708	.832	.882	.837	-20.0	.010	.008	
15839	20431	188198	.11428	.1740	.760	.806	.765	-24.1	.029	.022	
15991	45734	344093	.55614	.2506	.810	.859	.815	-18.6	.086	.070	
15993	8885	62544	1.94600	.0998	1.000	1.060	1.006	0.0	.040	.040	
16403	87734	563855	.39052	.3372	.725	.769	.730	-26.5	.155	.114	L
16676	1442	13699	.00445	.0672	.836	.887	.842	-14.3	.014	.012	

X-TILDE: .936 X-TILDE (MONOLINE): .943 PI-TILDE: .0026920
 TAU SQUARED: .14500 SIGMA SQUARED: 193857.02719

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

LOSS COST % CHANGE BY CLASS

SUBLINE: LOCAL PRODUCTS/COMPLETED OPERATIONS

CLASS GROUP: 02

NUMBER OF YEARS OF DATA USED: 5

CHANGE FACTOR = INDEX * CG REL * SWRL USED = INDEX * 1.001 * .948

CLASS	AYE 2016 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	63568	551953	1.75430	.3330	1.181	1.252	1.188	18.4	.114	.135	
18109	438	3988	.00000	.0605	.841	.892	.846	-13.8	.029	.025	
18110	109610	583514	.39047	.3440	.722	.766	.727	-25.5	.047	.035	L
18206	394856	2935372	1.01464	.7051	.979	1.038	.985	-1.2	.082	.081	
18335	10677	105155	.06028	.1264	.790	.838	.795	-19.0	.021	.017	
18506	73	388	.00000	.0580	.844	.895	.849	-16.7	.006	.005	
18507	1162	13064	.00000	.0668	.836	.887	.842	-12.5	.008	.007	
18708	9007	58621	.93590	.0973	.899	.953	.904	-10.0	.010	.009	
18834	8261	50434	.00000	.0919	.813	.862	.818	-18.0	.161	.132	
18911	6303	65772	.18567	.1019	.823	.873	.828	-15.0	.020	.017	
18912	1174	6303	1.39045	.0621	.926	.982	.932	-6.9	.029	.027	
18920	604	20756	.00000	.0721	.831	.881	.836	-15.8	.019	.016	
45819	828324	4338331	.66326	.7780	.715	.758	.719	-25.9	.081	.060	L
49618	390	3239	.00000	.0600	.842	.893	.847	-15.2	.046	.039	
49619	143975	889548	1.11682	.4342	.992	1.052	.998	0.0	.080	.080	

X-TILDE: .936 X-TILDE (MONOLINE): .943 PI-TILDE: .0026920
 TAU SQUARED: .14500 SIGMA SQUARED: 193857.02719

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: 11

NUMBER OF YEARS OF DATA USED: 5

CHANGE FACTOR = INDEX * CG REL * SWRL USED = INDEX * 1.006 * .948

CLASS	AYE 2016 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	.000	.000	.000	-4.4	.450	.430
92054	0	23	.00000	.1250	.766	.875	.834	-16.4	.280	.234
92055	1189	5956	.00000	.1256	.765	.874	.834	-16.4	.280	.234
95124	650540	4819918	.76433	.4418	.826	.944	.900	-9.3	.750	.680
98303	105308	496206	1.34197	.1733	.956	1.093	1.042	4.2	8.120	8.460
98304	2642178	13496013	.92872	.6621	.911	1.041	.993	-0.6	3.140	3.120
98305	2795736	13163696	.97297	.6569	.939	1.073	1.023	2.1	1.460	1.490
98306	37623	127962	.08981	.1380	.767	.877	.836	-16.7	1.080	.900
98307	1882	13006	.18991	.1263	.789	.902	.860	-13.6	.590	.510
98308	239213	1567978	1.68314	.2614	1.086	1.241	1.184	18.0	.500	.590
98309	41271	197827	.20345	.1449	.778	.889	.848	-15.1	2.990	2.540
98344	63075	302705	.89801	.1551	.879	1.005	.958	-4.1	.730	.700
98449	1934897	9279426	1.06504	.5819	.986	1.127	1.075	7.6	18.500	19.900
98805	257549	1394654	.50691	.2484	.784	.896	.855	-14.3	1.260	1.080
98813	469936	2315127	1.09237	.3124	.943	1.078	1.028	2.7	2.220	2.280
98967	1346931	6577236	.72073	.5069	.797	.911	.869	-13.0	7.050	6.130
99003	27788	173345	3.93096	.1425	1.311	1.498	1.429	24.1	.830	1.030
99826	32124	220302	.53583	.1471	.825	.943	.899	-9.3	.540	.490
99827	96687	594552	.33087	.1822	.776	.887	.846	-15.6	.640	.540
99948	3507789	15622359	.84759	.6918	.856	.978	.933	-6.9	27.700	25.800
99952	421939	1691393	1.22470	.2703	.970	1.109	1.058	6.1	16.400	17.400
99953	273077	1202784	.85114	.2335	.870	.994	.948	-5.7	10.600	10.000
99954	185226	873849	1.13785	.2066	.929	1.062	1.013	0.9	11.200	11.300
99955	1544810	7614260	.40419	.5386	.622	.711	.678	-26.8	15.300	11.200

U

L

X-TILDE: .878 X-TILDE (MONOLINE): .875 PI-TILDE: .0073651
TAU SQUARED: .03000 SIGMA SQUARED: 254778.79823

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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 * 1.012 * .948

CLASS	AYE 2016 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	1922382	12294786	.94047	.5404	.893	1.034	.992	-0.8	4.960	4.920
91150	1283149	6689640	.87841	.3994	.853	.987	.947	-5.4	5.220	4.940
91155	5394388	24072667	.97001	.6922	.929	1.075	1.031	3.2	31.100	32.100
91340	22116315	104123933	.85258	.9051	.851	.985	.945	-5.5	7.980	7.540
91341	7650273	37115960	.97124	.7746	.941	1.089	1.045	4.6	3.270	3.420
91342	10954414	54672283	.92332	.8343	.909	1.052	1.009	0.8	3.670	3.700
91343	278405	1776892	1.45576	.1786	.947	1.096	1.051	5.0	1.000	1.050
91436	276642	1692743	.57199	.1734	.791	.916	.879	-12.1	2.480	2.180
91507	55786	301323	.02530	.0766	.775	.897	.861	-13.8	3.920	3.380
91551	926304	6161698	.58039	.3815	.739	.855	.820	-17.8	.730	.600
91555	209631	1145575	.19073	.1379	.748	.866	.831	-17.1	1.110	.920
91560	11264705	58514598	.96926	.8434	.949	1.098	1.053	5.3	3.980	4.190
91577	1523377	8852958	.67543	.4630	.762	.882	.846	-15.4	2.930	2.480
91746	3833227	18368588	.75275	.6336	.784	.907	.870	-13.0	6.150	5.350
92101	505645	3075958	.99332	.2514	.876	1.014	.973	-2.5	2.390	2.330
92102	533693	3510141	.78833	.2729	.824	.954	.915	-8.7	2.770	2.530
92215	8729469	46825474	.94961	.8121	.928	1.074	1.030	3.1	2.860	2.950
92338	3994289	19139336	.97640	.6428	.927	1.073	1.029	2.9	1.700	1.750
92446	223850	1745953	.55561	.1767	.787	.911	.874	-12.8	1.950	1.700
92447	44243	351707	.05098	.0805	.774	.896	.860	-14.1	1.770	1.520
92451	1882202	14002450	.94013	.5711	.896	1.037	.995	-0.6	1.760	1.750
92478	16852089	94824005	.89096	.8969	.885	1.024	.982	-1.7	1.730	1.700
94007	9909519	46805529	.74051	.8120	.759	.878	.842	-15.9	5.290	4.450
94276	1642586	9211958	.85446	.4723	.845	.978	.938	-6.2	4.540	4.260
94569	1998519	12799658	.79241	.5499	.812	.940	.902	-9.8	2.660	2.400
95410	5773964	29393417	.95271	.7322	.922	1.067	1.024	2.4	2.540	2.600
95455	1083468	6105829	.68440	.3796	.779	.902	.865	-13.2	1.740	1.510
95505	95006	583970	.04839	.0981	.760	.880	.844	-15.5	2.320	1.960
95625	1139929	6442416	.87445	.3912	.852	.986	.946	-5.4	2.990	2.830
95647	30428834	148862012	.87864	.9316	.876	1.014	.973	-2.7	5.830	5.670
96053	562320	2642410	.70754	.2286	.807	.934	.896	-10.3	4.740	4.250
96410	1547098	8663239	.78816	.4580	.815	.943	.905	-9.5	8.310	7.520
96611	220329	1238797	1.98023	.1441	1.002	1.160	1.113	11.1	1.170	1.300
97447	6807433	35417847	.88131	.7665	.871	1.008	.967	-3.3	3.920	3.790
97650	450706	2316117	.65672	.2105	.799	.925	.887	-11.3	3.990	3.540
97651	349844	1461851	.54292	.1588	.790	.914	.877	-12.4	4.190	3.670
97652	57888	311684	.18957	.0775	.787	.911	.874	-12.5	4.230	3.700

X-TILDE: .861 X-TILDE (MONOLINE): .864 PI-TILDE: .0032945

TAU SQUARED: .03000 SIGMA SQUARED: 347570.41773

L - CAPPED DOWN

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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 * 1.012 * .948

CLASS	AYE 2016 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	611462	3054647	1.04822	.2503	.890	1.030	.988	-1.3	2.360	2.330
97654	84810	575377	.43429	.0975	.798	.924	.886	-11.5	2.880	2.550
97655	1683437	7618159	.68450	.4285	.772	.894	.858	-14.1	5.660	4.860
98002	128664	563030	.00000	.0965	.756	.875	.839	-16.4	1.160	.970
98482	25045394	136532963	.84712	.9259	.846	.979	.939	-6.1	7.160	6.720
98483	32164824	156385575	.86744	.9347	.865	1.001	.960	-3.8	18.200	17.500
98502	336104	1936398	.85929	.1883	.841	.973	.933	-6.6	3.490	3.260
98636	1813627	10308714	.96174	.4987	.899	1.041	.999	0.0	3.360	3.360
98677	5218334	24262495	.73078	.6938	.763	.883	.847	-15.3	11.000	9.320
98678	2915094	15150252	.75046	.5895	.786	.910	.873	-12.9	13.900	12.100
98806	604263	3974551	.70133	.2946	.797	.922	.885	-11.5	3.120	2.760
98820	3216298	17398683	.71541	.6213	.761	.881	.845	-15.6	3.850	3.250
98884	1660839	10505326	.74978	.5032	.793	.918	.881	-11.7	1.450	1.280
99004	35891	201117	.98270	.0688	.847	.980	.940	-5.8	1.710	1.610
99080	883769	4020162	1.27788	.2967	.968	1.120	1.075	7.5	6.760	7.270
99315	943911	5839149	.67893	.3701	.778	.900	.863	-13.9	1.650	1.420
99321	2043547	12214411	.80763	.5388	.821	.950	.911	-8.9	2.460	2.240
99613	1247075	7431272	.73033	.4228	.792	.917	.880	-11.8	2.370	2.090
99650	497161	3027422	1.05005	.2489	.890	1.030	.988	-1.3	.790	.780
99746	2871994	15986499	.77224	.6019	.798	.924	.886	-11.5	2.620	2.320

X-TILDE: .861 X-TILDE (MONOLINE): .864 PI-TILDE: .0032945

TAU SQUARED: .03000 SIGMA SQUARED: 347570.41773

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 * .931 * .948

CLASS	AYE 2016 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	43572	191800	.05289	.1526	.527	.764	.674	-26.8	2.870	2.100	L
91127	1211909	7775931	.62363	.6821	.620	.899	.793	-20.9	1.960	1.550	
91235	490827	3641802	.74962	.5179	.684	.991	.875	-12.6	2.540	2.220	
91265	42491	270081	.00680	.1670	.511	.741	.654	-27.0	4.860	3.550	L
91266	210770	1210985	.33354	.3076	.527	.764	.674	-26.2	1.220	.900	L
91280	13975	113035	.00000	.1377	.528	.765	.675	-27.0	3.630	2.650	L
94381	2847916	13595855	.69652	.7851	.678	.983	.868	-13.4	18.700	16.200	
94404	105339	442945	.39595	.1969	.570	.826	.729	-26.9	7.720	5.640	L
95310	527353	2971454	.26415	.4738	.447	.648	.572	-26.9	2.160	1.580	L
96408	1657894	8101029	.59549	.6904	.601	.871	.769	-23.1	17.300	13.300	
96409	1915496	10761943	.94346	.7449	.859	1.245	1.099	9.8	9.110	10.000	
97221	1369166	7592676	.55798	.6772	.576	.835	.737	-26.5	1.660	1.220	
97222	5022132	29329592	.66086	.8855	.655	.949	.838	-16.3	2.820	2.360	
97223	3295117	17823080	.85591	.8261	.814	1.180	1.041	4.1	3.170	3.300	
98152	402115	2734585	.95966	.4563	.771	1.117	.986	-2.7	.370	.360	
98157	97029	850243	.60335	.2597	.610	.884	.780	-22.0	.500	.390	
98163	7392	64596	.00000	.1283	.534	.774	.683	-25.0	.360	.270	L
98164	30742	147024	.00000	.1442	.524	.759	.670	-26.7	.120	.088	L
98659	365	2963	.00000	.1160	.542	.786	.694	-25.8	.620	.460	L
98914	476	2342	.00000	.1159	.542	.786	.694	-26.1	.920	.680	L
98949	1909	12747	.00000	.1180	.540	.783	.691	-26.5	.490	.360	L
98993	1585893	9123344	.61828	.7139	.617	.894	.789	-21.2	5.720	4.510	
99163	1092	7113	.00000	.1168	.541	.784	.692	-26.0	.730	.540	L
99803	15050	136025	.49637	.1421	.596	.864	.763	-23.7	10.000	7.630	
99946	2465284	14517172	.76328	.7956	.732	1.061	.936	-6.5	2.750	2.570	
99969	621280	3997092	.92442	.5384	.780	1.130	.997	-0.5	2.040	2.030	

X-TILDE: .706 X-TILDE (MONOLINE): .690 PI-TILDE: .0069046
 TAU SQUARED: .03000 SIGMA SQUARED: 130850.70096

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WISCONSIN GL-2018-BGL1
BASIC LIMIT LOSS COST LEVEL
GENERAL LIABILITY OTHER THAN PROFESSIONAL
PREMISES/OPERATIONS & PRODUCTS/COMPLETED OPERATIONS
ACTUARIAL ANALYSIS SUPPLEMENT

PURPOSE This document provides discussion and analysis of pattern shifts in the data used to derive the advisory loss costs.

LOSS COST The statewide advisory loss cost level changes are:
LEVEL CHANGES

<u>SUBLINE</u>	<u>INDICATED</u>	<u>SELECTED</u>
M&C	- 1.0%	- 1.0%
OL&T	- 3.3%	- 3.3%
Premises/Operations	- 2.0%	- 2.0%
Products	- 8.2%	- 8.2%
Local Products/Completed Operations	- 6.6%	- 6.6%
Products/Completed Operations	- 7.4%	- 7.4%
GL Overall	- 3.4%	- 3.4%

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

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 9/30/2017 for Premises/Operations.
Calendar - accident year data through year ended 12/31/2016 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.

CHANGES TO When calculating the statewide loss cost level change indication, the expected
METHODOLOGY experience ratio no longer includes the selected change from the last review divided by
the implemented change.

CALL TO CALL COMPARISON

Manufacturers and Contractors

The Aggregate Loss Costs at Current Level (ALCCL) decreased by an average of 0.4%, when the four years common to both this year's and last year's reviews are compared. This is primarily accounted for by the following changes since the prior review:

- A change in company mix which caused a 0.0% increase in ALCCL;
- A change in exposure trend plus an additional year of trending (+ 2.8%);
- The effect on ALCCL due to a change in average IPMFs (- 2.2%).

The Basic Limit Experience Ratio (BLER) increased in 2013 (+11.4%) and 2016 (+11.5%). This is mainly due to unfavorable experience across several class groups.

Owners, Landlords and Tenants

The Aggregate Loss Costs at Current Level (ALCCL) decreased by an average of 10.0%, 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 0.3% increase in ALCCL;
- Implemented loss cost level change (-12.7%);
- A change in exposure trend plus an additional year of trending (0.0%);
- The effect on ALCCL due to a change in average IPMFs (+ 2.5%).

The BLERs varied within reasonable limits.

Products

Multistate ALCCL decreased by an average of 7.0% over the four common years in the latest call. This can be accounted for by the following changes since the prior review:

- A change in company mix which caused a 1.2% decrease in ALCCL;
- Implemented an average loss cost level change of approximately - 8.5% in most states;
- A change in exposure trend plus an additional year of trending of + 1.8%;
- The effect on ALCCL due to a change in average IPMFs (+ 1.3%).

The BLERs increased mainly due to the implemented average loss cost level change.

CALL TO CALL
COMPARISON
(Cont'd)

Local Products/
Completed Ops

Multistate ALCCL decreased by an average of 9.9% 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 6.2% decrease in ALCCL;
- Implemented an average loss cost level change of approximately -5.9% in most states;
- A change in exposure trend plus an additional year of trending of + 2.9%;
- The effect on ALCCL due to a change in average IPMFs (- 2.0%).

The BLERs increased mainly due to the implemented average loss cost level change.

LATEST CALL
YEAR TO YEAR
COMPARISON

Manufacturers and
Contractors

The ALCCL decreased from 2013 to 2014 and then increased thereafter.

The high BLER for 2014 (1.127) is attributable to unfavorable experience in several class groups. The low BLER for 2016 (0.691) is attributable to favorable experience in several class groups.

Owners, Landlords
and Tenants

The ALCCL decreased from 2013 to 2014 and then increased thereafter.

The high BLER for 2013 (1.462) is attributable to unfavorable experience in several class groups.

Products

The ALCCL increased steadily from 2012 to 2016.

The BLER decreased steadily from 2012 to 2016.

Local Products/
Completed Ops

The ALCCL increased steadily from 2012 to 2016.

The BLER decreased steadily from 2012 to 2016.

LOSS
DEVELOPMENT
FACTOR
COMPARISON

Manufacturers and
Contractors

The BI and PD indemnity loss development factors for the 2018 review remained stable compared to those in the 2017 review.

The multistate full coverage BI and PD indemnity factors remained stable compared to the 2017 review.

The multistate deductible coverage BI and PD indemnity factors remained stable compared to the 2017 review.

The multistate Fringe indemnity factors have increased compared to the 2017 review.

Owners, Landlords
and Tenants

The BI and PD indemnity loss development factors for the 2018 review remained stable compared to those in the 2017 review.

The multistate full coverage BI and PD Indemnity factors remained stable compared to those in the 2017 review.

The multistate deductible coverage BI and PD Indemnity factors remained stable compared to the 2017 review.

The multistate Fringe indemnity factors remained stable compared to the 2017 review.

Products

The multistate full coverage BI and PD indemnity development factors for the 2018 review remained stable compared to those in the 2017 review.

The multistate deductible coverage BI and PD indemnity development factors have decreased compared to the 2017 review. The fluctuations in these factors are due to the low volume of the deductible coverage data.

LOSS
DEVELOPMENT
FACTOR
COMPARISON
(Cont'd)

Local Products/
Completed Ops

For Local Products, the multistate full coverage BI and PD indemnity development factors in this review have decreased compared to those in the 2017 review. The multistate deductible coverage BI indemnity development factors have increased compared to the 2017 review for the latest four years. The earlier years remained stable. The multistate deductible coverage PD indemnity development factors have decreased compared to the 2017 review. The fluctuations in these factors are due to the low volume of the deductible coverage data.

For Completed Operations, the full coverage BI and PD indemnity loss development factors for the 2018 review remained stable compared to those in the 2017 review.

The Completed Operations multistate full coverage BI indemnity factors have decreased compared to those in the 2017 review except for the second to last year, which remained stable. The multistate full coverage PD indemnity factors have decreased compared to those in the 2017 review. The multistate deductible coverage BI indemnity factors have decreased compared to those in the 2017 review. The multistate deductible coverage PD indemnity factors remained stable compared to those in the 2017 review.

One might expect PD development to be higher due to the Montrose decision in California. In response to the Montrose decision, ISO has introduced revised wording into the CGL policy to better define the concept of known loss. This revision represents neither a broadening nor a restriction in coverage from the original intent, however, it may result in the shifting of coverage, under certain circumstances, between an insured's current policy and past or future policies.

ALAE Development

To develop ALAE losses for all sublines and loss types (BI, PD and Fringe), we are using an incremental method that is based on a percentage of the total limit indemnity losses developed to ultimate. Since this is a procedure that produces incremental factors instead of multiplicative factors, there is no appropriate factor comparison available to last year's review.

One of the primary purposes of this procedure is to produce accurate and stable developed ALAE, especially for immature accident years.

SEVERITY TREND
COMPARISON

Manufacturers and
Contractors

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

The PD severity trend selection is +4.0%, unchanged from +4.0% in the previous Fiscal review.

The Fringe severity trend selection is +0.5%, down from +1.0% in the previous Fiscal review.

Owners, Landlords
and Tenants

The BI severity trend selection is +4.0%, down 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 selection is +2.5%, down from +4.5% in the previous Fiscal review.

Products

The BI severity trend selection is +2.5%, unchanged from +2.5% in the previous review.

The PD severity trend selection is +6.5%, unchanged from +6.5% in the previous review.

Local Products/
Completed Ops

The BI severity trend selection is +2.5%, down from +3.0% in the previous review.

The PD selected severity trend is +4.0%, unchanged from +4.0% in the previous review.

FREQUENCY
TREND
COMPARISON

We have selected a frequency trend of -0.5% for Manufacturers & Contractors, -1.5% for Owners, Landlords and Tenants, -1.0% for Products, and 0.0% 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 higher than the prior point.

Products

The latest frequency point is lower than the prior point.

Local Products/
Completed Ops

The latest frequency point is lower than the prior point.

EXPOSURE
TREND
COMPARISON

Manufacturers and
Contractors

The exposure trend factors for Manufacturers are higher than those used in the previous review for the latest two years. The earliest year's factor remained the same. The exposure trend factors for Contractors are higher than those used in the previous review all three years.

Owners, Landlords
and Tenants

The exposure trend factors for Class Groups 1-13 are lower than those used in the previous review for all three years. For Class Group 16, the exposure trend factors for the earliest two years are higher than the previous review and remains the same for the latest year.

Products

The exposure trend factors are higher than those used in the previous review all three years.

Local Products/
Completed Ops

The exposure trend factors for Local Products are higher than those used in the previous review for all three years. The exposure trend factors for Completed Operations are higher than those used in the previous review for the earliest two years and the same for the latest year.

WEIGHTED AVERAGE IMPLICIT PACKAGE MODIFICATION FACTOR (IPMF) COMPARISON	Manufacturers and Contractors	The current weighted average IPMF is 1.054. In the 2017 review the weighted average IPMF was 1.087.
	Owners, Landlords and Tenants	The current weighted average IPMF is 0.969. In the 2017 review the weighted average IPMF was 0.939.
	Products	The current multistate weighted average IPMF is 0.815. In the 2017 review the multistate weighted average IPMF was 0.799.
	Local Products/ Completed Ops	The current multistate weighted average IPMF is 0.975. In the Group 4, 2017 review the multistate weighted average IPMF was 0.999.
The IPMF's are applied to the multiline ALCCCL.		
CLASS GROUP/ TERRITORY/ STATE RELATIVE CHANGE	The class group relative changes for Manufacturers and Contractors vary within reasonable limits.	
	The class group relative changes for Owners, Landlords and Tenants vary within reasonable limits except for CG 9 which is high due to unfavorable experience across Accident years 2013, 2014, 2015 and 2017.	
	For Local Products, Wisconsin's state balanced relative change (1.04) ranks 9th highest overall. In last year's review, Wisconsin 's state balanced relative change (1.069) ranked 4th highest overall.	
CHANGE IN COMPANY MIX SINCE LAST CALL	For Manufacturers and Contractors the change in company mix results in an average increase of 0.0% in the total statewide ALCCCL.	
	For Owners, Landlords and Tenants, the change in company mix results in an average increase of 0.3% in the total statewide ALCCCL.	
	For Products, the change in company mix results in a 1.2% decrease in the total multistate ALCCCL.	
	For Local Products/Completed Operations, the change in company mix results in a 6.2% decrease in the total multistate ALCCCL.	

\$100,000/200,000 BASIC LIMIT OCCURRENCE Premises/Operations (Prem/Ops) (Subline Code 334) Territory 501 Products/Completed Operations (Prod/Cops) (Subline Code 336) Entire State Territory 999											
Class Code	Prem/ Ops	Prod/ Cops	Class Code	Prem/ Ops	Prod/ Cops	Class Code	Prem/ Ops	Prod/ Cops	Class Code	Prem/ Ops	Prod/ Cops
10010	.094	.224	10205	.214	—	11210	3.30	—	13207	(a)	(a)
10015	2.86	—	10220	4.03	—	11211	17.10	—	13208	(a)	(a)
10020	(a)	(a)	10255	.223	.152	11212	2.59	—	13314	.103	.02
10026	.55	.016	10256	.82	.158	11213	2.12	—	13351	.25	.04
10036	.60	(a)	10257	.154	.187	11214	5.21	—	13352	.25	.037
10040	.072	.30	10309	.138	.017	11222	.088	—	13410	1.28	2.55
10042	.32	.30	10315	.33	(a)	11234	.241	.059	13411	(a)	(a)
10052	1.98	—	10331	3.87	—	11248	.042	.022	13412	.43	1.11
10054	1.75	—	10332	6.68	—	11258	.37	.161	13453	.50	(a)
10060	.152	.079	10352	.181	.058	11259	.40	.118	13454	.58	(a)
10065	.227	.025	10367	4.42	—	11273	11.90	—	13455	.59	(a)
10066	.232	.042	10368	6.45	—	11274	11.50	—	13461	(a)	(a)
10070	.054	.141	10375	(a)	—	11288	.46	.065	13506	.79	.065
10071	.27	.091	10378	3.92	—	12014	.092	.034	13507	.95	.163
10072	5.00	—	10379	1.82	—	12356	1.01	.023	13590	.44	.77
10073	.94	.41	10380	3.11	—	12361	.035	.091	13621	.112	.42
10075	6.96	.171	10381	2.69	—	12362	.059	(a)	13670	.019	.013
10100	.31	.04	11007	1.88	—	12373	.023	.031	13673	.28	.012
10101	.205	.191	11020	.26	.075	12374	.53	.058	13715	.059	.151
10105	2.22	—	11039	.81	.05	12375	.26	.044	13716	.39	.126
10107	2.87	.176	11052	2.68	—	12391	.044	.10	13720	.159	.057
10110	9.72	—	11101	(a)	(a)	12393	.34	(a)	13759	.152	.138
10111	.118	.098	11120	(a)	—	12467	.143	(a)	13930	.126	.205
10113	.31	—	11126	.054	.024	12509	.056	.047	14068	.033	.018
10115	.61	.076	11127	.30	.009	12510	.71	.022	14101	.39	.031
10117	2.84	—	11128	.41	.051	12583	.31	(a)	14279	.43	.057
10119	(a)	—	11138	.97	—	12651	.92	.56	14401	.38	.125
10120	6.36	—	11155	.183	—	12683	.42	(a)	14405	1.10	—
10130	3.03	—	11160	(a)	(a)	12707	.39	.79	14527	.241	.202
10132	2.61	—	11167	.62	—	12797	.082	.168	14655	.076	—
10133	2.58	—	11168	3.20	—	12805	.28	.129	14731	2.66	—
10135	(a)	—	11201	16.40	—	12841	.46	—	14732	.197	—
10140	.016	.02	11202	4.86	—	12927	.08	—	14733	.53	—
10141	.032	.022	11203	.70	.65	13049	.018	.058	14734	.227	—
10145	.154	.009	11204	.27	1.41	13111	.35	.113	14855	.196	.20
10146	.138	.017	11205	(a)	—	13112	.03	.083	14913	.29	.109
10150	.42	(a)	11206	.76	—	13201	.81	.201	15060	(a)	(a)
10151	10.70	—	11207	9.63	—	13204	.92	1.24	15061	(a)	(a)
10160	1.90	—	11208	1.65	—	13205	.35	.45	15062	.176	(a)
10204	.192	—	11209	7.75	—	13206	(a)	(a)	15063	.205	(a)

DIVISION SIX

PREM/OPS TERR. 501

GENERAL LIABILITY

PROD/COPS

LOSS COST PAGES

\$100,000/200,000 BASIC LIMIT OCCURRENCE Premises/Operations (Prem/Ops) (Subline Code 334) Territory 501 Products/Completed Operations (Prod/Cops) (Subline Code 336) Entire State Territory 999											
Class Code	Prem/ Ops	Prod/ Cops	Class Code	Prem/ Ops	Prod/ Cops	Class Code	Prem/ Ops	Prod/ Cops	Class Code	Prem/ Ops	Prod/ Cops
15070	.148	—	16750	.089	.041	18707	.009	.003	40117	(a)	—
15119	(a)	—	16751	.089	—	18708	.098	.009	40140	(a)	—
15120	(a)	—	16819	1.07	(a)	18833	.106	(a)	41001	.107	—
15123	2.57	—	16820	.83	(a)	18834	.25	.132	41210	(a)	—
15124	.90	—	16881	1.40	(a)	18911	.80	.017	41421	.28	—
15188	.31	(a)	16890	.125	(a)	18912	1.51	.027	41422	.148	—
15223	.023	.035	16891	.136	(a)	18920	.39	.016	41510	40.40	—
15224	.168	.054	16892	.248	(a)	18991	(a)	—	41603	13.20	—
15300	(a)	—	16900	1.33	.087	19007	1.01	—	41604	7.23	—
15314	.183	(a)	16901	.86	.135	19051	2.23	—	41620	1.38	—
15404	.08	(a)	16902	.73	.065	19061	(a)	—	41650	18.50	—
15405	.118	(a)	16905	1.40	.087	19795	.26	(a)	41664	13.50	—
15406	.30	.047	16906	.90	.135	19796	.31	—	41665	1.58	—
15488	.75	(a)	16910	.80	.052	40005	(a)	—	41666	(a)	—
15538	.33	.016	16911	.73	.053	40006	(a)	—	41667	36.80	—
15600	.82	.078	16915	.82	.049	40010	(a)	—	41668	34.50	—
15607	.193	—	16916	.68	.053	40015	(a)	—	41669	.242	—
15608	.183	.008	16920	1.82	.122	40020	(a)	—	41670	.41	—
15656	5.40	—	16921	1.66	.063	40026	(a)	—	41672	(a)	—
15699	.48	—	16930	1.05	.13	40031	(a)	—	41673	(a)	—
15733	.196	.044	16931	1.13	.063	40032	(a)	—	41675	(a)	—
15839	.245	.022	16940	2.27	.063	40040	(a)	—	41677	.28	—
15991	.201	.07	16941	.91	.095	40041	(a)	—	41678	42.30	—
15993	.17	.04	18078	.107	.135	40042	(a)	—	41679	(a)	(a)
16005	.031	.04	18109	.33	.025	40045	89.00	—	41680	9.64	—
16009	.241	.073	18110	.27	.035	40046	17.60	—	41696	.90	—
16402	1.21	—	18200	(a)	—	40047	6.28	—	41697	.63	—
16403	.77	.114	18205	.166	.36	40059	2.25	—	41700	(a)	—
16404	.97	—	18206	.43	.081	40061	1.19	—	41715	6.12	—
16471	.27	—	18335	.31	.017	40063	39.90	—	41716	3.89	—
16501	.066	(a)	18435	.33	.042	40064	11.70	—	43007	(a)	—
16527	.102	.42	18436	.26	.159	40066	(a)	—	43117	(a)	—
16588	.112	(a)	18437	.45	(a)	40067	(a)	—	43151	24.00	—
16604	.188	.212	18438	.86	(a)	40069	(a)	—	43152	12.70	—
16670	1.61	—	18501	.30	.011	40072	(a)	—	43200	91.20	—
16676	.25	.012	18506	.39	.005	40075	48.20	—	43215	(a)	—
16694	.37	(a)	18507	.161	.007	40101	3.30	—	43421	25.00	—
16705	.189	.173	18570	1.68	—	40102	2.91	—	43422	131.00	—
16722	(a)	—	18575	(a)	(a)	40111	3.16	—	43424	(a)	—
16723	(a)	—	18616	.30	.61	40115	(a)	—	43470	5.23	—

\$100,000/200,000 BASIC LIMIT OCCURRENCE Premises/Operations (Prem/Ops) (Subline Code 334) Territory 501 Products/Completed Operations (Prod/Cops) (Subline Code 336) Entire State Territory 999											
Class Code	Prem/ Ops	Prod/ Cops	Class Code	Prem/ Ops	Prod/ Cops	Class Code	Prem/ Ops	Prod/ Cops	Class Code	Prem/ Ops	Prod/ Cops
43517	(a)	—	44277	79.30	—	46004	17.60	—	47471	2.41	—
43518	5.78	—	44280	.28	—	46005	14.10	—	47473	3.15	—
43550	89.10	—	44311	2.98	—	46112	.013	—	47474	3.52	—
43551	49.40	—	44315	2.00	—	46202	2.30	—	47475	2.78	—
43626	4.62	—	44427	11.90	—	46362	148.00	—	47476	2.78	—
43628	60.00	—	44428	12.00	—	46426	21.60	—	47477	3.71	—
43629	50.90	—	44429	.18	—	46427	28.80	—	47478	3.89	—
43754	(a)	—	44430	.125	—	46510	(a)	—	47600	(a)	—
43760	1.69	—	44431	.40	—	46590	(a)	—	47610	(a)	—
43822	4.17	—	44432	.127	—	46603	1.81	—	48039	64.60	—
43840	.051	—	44433	4.03	—	46604	2.09	—	48177	(a)	—
43860	3.28	—	44434	7.71	—	46606	5.57	—	48178	(a)	—
43889	1.17	—	44435	7.99	—	46607	7.66	—	48206	12.20	—
43945	(a)	—	44436	9.33	—	46622	12.20	—	48252	(a)	—
43946	(a)	—	44437	7.73	—	46671	(a)	—	48441	.051	—
43990	(a)	(a)	44438	6.11	—	46700	183.00	—	48557	5.13	—
43991	(a)	—	44439	11.90	—	46773	(a)	—	48558	4.46	—
44009	3.13	—	44440	9.84	—	46822	(a)	—	48600	43.10	—
44010	(a)	(a)	44500	(a)	—	46881	(a)	—	48610	(a)	—
44069	4.94	—	44501	(a)	—	46882	(a)	—	48636	.91	(a)
44070	1.46	—	45190	1.81	—	46911	9.14	—	48637	3.92	—
44071	1.63	—	45191	1.29	—	46912	16.70	—	48638	1.95	—
44072	1.12	—	45192	1.50	—	46913	(a)	—	48727	(a)	—
44100	1.93	—	45193	.89	—	46914	(a)	—	48808	1.38	—
44101	2.01	—	45210	1.12	—	46915	(a)	—	48924	(a)	—
44102	1.57	—	45224	(a)	—	46916	(a)	—	48925	93.90	—
44103	1.39	—	45225	(a)	—	47050	1.14	—	49005	.193	—
44104	.58	—	45334	52.50	—	47051	(a)	—	49111	2.11	—
44105	(a)	—	45380	.23	(a)	47052	(a)	—	49181	21.10	—
44106	(a)	—	45450	15.50	—	47103	(a)	—	49183	25.80	—
44108	.68	—	45523	(a)	—	47146	(a)	—	49184	54.30	—
44109	1.73	—	45524	(a)	—	47147	(a)	—	49185	49.40	—
44110	1.77	—	45539	(a)	—	47221	201.00	—	49239	.172	.83
44111	1.09	—	45678	.31	—	47253	(a)	—	49292	1.55	—
44112	.64	—	45771	.35	.22	47254	(a)	—	49305	(a)	—
44113	(a)	—	45819	.114	.06	47318	3.76	—	49333	11.30	—
44193	(a)	—	45900	.094	.052	47367	.28	—	49451	(a)	—
44194	(a)	—	45901	.08	.06	47420	.82	—	49452	(a)	—
44222	(a)	—	45937	.206	—	47468	(a)	—	49617	.212	.156
44276	122.00	—	45993	(a)	(a)	47469	2.78	—	49618	.178	.039

DIVISION SIX

PREM/OPS TERR. 501

GENERAL LIABILITY

PROD/COPS

LOSS COST PAGES

\$100,000/200,000 BASIC LIMIT OCCURRENCE Premises/Operations (Prem/Ops) (Subline Code 334) Territory 501 Products/Completed Operations (Prod/Cops) (Subline Code 336) Entire State Territory 999											
Class Code	Prem/ Ops	Prod/ Cops	Class Code	Prem/ Ops	Prod/ Cops	Class Code	Prem/ Ops	Prod/ Cops	Class Code	Prem/ Ops	Prod/ Cops
49619	.33	.08	51315	.112	.116	51809	.187	.184	52341	.026	(a)
49763	2.17	—	51330	.055	.43	51833	.071	.103	52342	.075	(a)
49800	(a)	—	51333	.018	.34	51850	.134	(a)	52343	.046	(a)
49801	177.00	—	51340	.018	(a)	51851	.091	(a)	52401	.142	(a)
49802	15.70	—	51350	.109	.177	51852	.213	(a)	52402	.01	(a)
49803	27.80	—	51351	.098	.054	51853	.086	(a)	52432	.05	(a)
49840	1.17	—	51352	.134	.138	51854	.192	(a)	52433	.046	1.46
49870	39.20	—	51355	.091	.116	51855	.201	(a)	52435	.058	(a)
49890	(a)	—	51356	.098	.85	51856	.111	(a)	52438	.042	(a)
49891	(a)	—	51357	.158	.43	51857	.189	(a)	52440	.065	(a)
49902	(a)	—	51358	.38	.175	51869	.05	.19	52467	.06	(a)
49903	(a)	—	51359	.33	1.01	51877	.28	.26	52469	.021	.10
50010	.108	.82	51370	.218	6.02	51889	.046	.02	52505	.105	.224
50015	.071	(a)	51380	.022	.072	51896	.022	.023	52547	.123	.093
50017	.054	(a)	51400	.13	(a)	51900	.053	.105	52581	.51	5.33
50045	.123	(a)	51401	.191	(a)	51909	.121	.066	52619	.036	(a)
50047	.014	(a)	51500	.041	.125	51919	.047	(a)	52660	.101	—
51001	.031	.53	51516	.085	—	51926	.047	.049	52744	.27	.126
51005	.006	(a)	51517	.097	—	51927	.026	.126	52767	.112	(a)
51116	.079	.55	51550	.051	.41	51934	.052	.178	52876	(a)	(a)
51201	.019	(a)	51551	.018	1.06	51941	.047	.045	52911	.029	.68
51205	.056	.111	51552	.031	.169	51942	.075	—	52967	.011	.074
51206	.009	.61	51553	.055	(a)	51956	.204	.30	53001	.105	.38
51210	.054	(a)	51554	.005	(a)	51957	.18	.42	53077	.051	.248
51211	(a)	(a)	51575	.029	.028	51958	.16	.39	53095	.035	(a)
51220	.187	3.25	51576	.098	.10	51959	.163	(a)	53096	.048	(a)
51221	.104	2.44	51600	.067	.232	51960	.022	.42	53121	.137	.54
51222	.126	3.38	51613	.044	.20	51970	.094	.25	53147	.019	(a)
51224	.132	1.19	51625	.029	(a)	51982	.028	.099	53229	.106	(a)
51230	.022	.88	51666	.046	.127	51985	.08	—	53271	.026	(a)
51240	.223	.213	51702	.086	(a)	51986	.108	.128	53333	.105	.238
51241	.66	.34	51703	.035	(a)	51999	.046	.54	53374	.071	.45
51250	.143	(a)	51734	.067	.36	52002	.04	.112	53375	.038	.244
51251	.019	(a)	51741	.116	.28	52075	.105	.29	53376	.061	.212
51252	.067	.11	51752	.098	.199	52076	.127	(a)	53377	.062	.27
51253	.057	(a)	51767	.014	.012	52109	.01	(a)	53403	.039	(a)
51254	.018	.06	51777	.047	.084	52134	.134	.75	53425	.099	(a)
51255	.36	(a)	51790	.078	(a)	52137	.041	(a)	53565	.046	.158
51300	.065	.209	51796	.042	(a)	52150	.247	(a)	53631	.016	.025
51305	.065	1.23	51808	.15	.76	52315	.061	.27	53632	.018	.04

\$100,000/200,000 BASIC LIMIT OCCURRENCE											
Premises/Operations (Prem/Ops) (Subline Code 334) Territory 501											
Products/Completed Operations (Prod/Cops)						(Subline Code 336) Entire State Territory 999					
Class Code	Prem/ Ops	Prod/ Cops	Class Code	Prem/ Ops	Prod/ Cops	Class Code	Prem/ Ops	Prod/ Cops	Class Code	Prem/ Ops	Prod/ Cops
53731	.017	(a)	56170	.097	(a)	57401	.033	.113	58503	.04	.077
53732	.115	.60	56171	.048	(a)	57403	.096	.041	58532	.052	(a)
53733	.075	.26	56202	.038	.126	57410	.016	.188	58559	.011	(a)
53734	.51	—	56390	.067	.62	57411	.024	(a)	58560	.025	(a)
53803	.235	(a)	56391	.058	.36	57572	.009	.107	58561	(a)	(a)
53901	(a)	(a)	56427	.093	.146	57600	.028	.039	58575	.033	.143
53902	(a)	(a)	56488	.078	.039	57611	.052	.075	58627	.105	.022
53903	(a)	(a)	56567	.10	(a)	57625	.248	(a)	58663	.222	1.87
53904	(a)	(a)	56650	.31	(a)	57651	.03	.05	58682	.094	(a)
53905	(a)	(a)	56651	.167	(a)	57690	.067	.64	58713	.03	(a)
53907	.05	.139	56652	.119	(a)	57716	.032	.106	58737	.068	1.01
53951	(a)	(a)	56653	.115	(a)	57725	.07	.094	58756	.041	(a)
53952	(a)	(a)	56654	.059	(a)	57726	.054	.019	58757	.229	(a)
53953	(a)	(a)	56690	.041	.42	57798	.015	(a)	58759	.028	(a)
54012	.051	—	56699	.043	.051	57800	.057	(a)	58802	.032	.50
54077	.069	.39	56758	.036	.178	57808	.027	(a)	58813	.102	(a)
54444	(a)	(a)	56759	.037	.118	57809	.028	(a)	58822	.088	(a)
55010	.208	1.25	56760	.053	.127	57810	.027	.126	58837	.205	.132
55011	.056	1.14	56805	.07	(a)	57871	.032	.127	58840	.061	.128
55012	.067	1.32	56806	.05	(a)	57913	.074	.43	58873	.098	.034
55013	.089	1.05	56807	.049	(a)	57997	.114	—	58903	.02	(a)
55014	(a)	(a)	56808	.064	(a)	57998	.033	.067	58904	.016	.152
55214	.054	.103	56900	.062	(a)	57999	.044	.081	58922	.162	.241
55371	.182	.158	56910	.031	(a)	58009	.044	(a)	59005	.038	.108
55410	(a)	(a)	56911	.086	(a)	58010	.076	(a)	59057	.28	(a)
55426	.108	(a)	56912	.07	.105	58020	.103	(a)	59058	.184	(a)
55597	.014	1.99	56913	.057	(a)	58056	.091	(a)	59188	.205	.065
55647	.027	.08	56915	.34	(a)	58057	.057	(a)	59189	.28	.35
55648	.012	(a)	56916	.31	.196	58058	.051	(a)	59223	.101	.087
55649	.015	(a)	56917	.088	(a)	58095	.072	1.95	59257	.01	.021
55715	.108	.27	56918	.042	(a)	58096	.096	1.06	59306	.065	(a)
55716	.156	.59	56919	.108	(a)	58301	.034	.086	59378	.066	.175
55717	.143	(a)	56920	.099	(a)	58302	.026	.064	59481	.174	.101
55718	.138	(a)	56980	.053	(a)	58397	.15	.97	59482	.214	(a)
55802	.047	.013	57001	.018	.014	58408	.067	—	59537	.071	.172
55918	.062	4.30	57002	.012	.13	58409	.085	—	59601	.066	3.05
55919	.008	4.86	57090	.158	.71	58456	.046	—	59647	.096	.205
56040	.006	.057	57146	.10	.73	58457	.066	—	59660	.121	1.20
56041	.038	(a)	57202	.047	(a)	58458	.085	—	59661	.059	(a)
56042	.048	(a)	57257	.059	.05	58459	.102	—	59693	.01	—

DIVISION SIX

PREM/OPS TERR. 501

GENERAL LIABILITY

PROD/COPS

LOSS COST PAGES

\$100,000/200,000 BASIC LIMIT OCCURRENCE Premises/Operations (Prem/Ops) (Subline Code 334) Territory 501 Products/Completed Operations (Prod/Cops) (Subline Code 336) Entire State Territory 999											
Class Code	Prem/ Ops	Prod/ Cops	Class Code	Prem/ Ops	Prod/ Cops	Class Code	Prem/ Ops	Prod/ Cops	Class Code	Prem/ Ops	Prod/ Cops
59695	(a)	(a)	59964	.30	.066	63220	(a)	—	91190	2.64	(a)
59701	.005	.227	59970	.06	.212	64074	12.80	—	91200	.91	—
59713	.108	.37	59973	.083	(a)	64075	9.01	—	91210	(a)	—
59722	.056	.036	59975	.085	.237	64500	(a)	—	91235	2.87	2.22
59723	.021	.044	59977	.048	(a)	65007	23.00	—	91250	4.32	(a)
59724	.032	.031	59984	.023	.064	66122	9.88	—	91265	19.50	3.55
59725	.04	.103	59985	.089	(a)	66123	5.43	—	91266	10.30	.90
59726	.029	.026	59986	.068	(a)	66309	15.90	—	91280	(a)	2.65
59738	.094	.077	59988	.022	.069	66561	36.70	—	91302	13.80	(a)
59750	.053	.28	59989	.012	.052	67017	34.10	—	91315	4.18	—
59751	.019	(a)	60010	24.80	—	67508	22.20	—	91324	9.31	(a)
59773	.012	.032	60011	28.50	—	67509	16.30	—	91325	(a)	(a)
59774	.01	.175	60012	46.80	—	67510	9.09	—	91340	6.07	7.54
59775	.013	.211	60013	40.10	—	67511	9.83	—	91341	5.62	3.42
59781	.046	.088	60015	30.00	—	67512	42.10	—	91342	5.57	3.70
59782	.068	.69	60016	33.70	—	67513	26.70	—	91343	1.24	1.05
59783	.067	(a)	60035	25.90	—	67634	29.50	—	91405	7.08	—
59784	.051	(a)	61000	24.50	—	67635	20.90	—	91436	6.36	2.18
59790	.072	(a)	61212	13.90	—	68001	63.70	—	91481	23.20	—
59798	.174	.53	61216	15.50	—	68439	82.00	—	91507	3.42	3.38
59806	.124	(a)	61217	14.10	—	68500	5.45	—	91523	52.70	—
59867	.081	(a)	61218	9.60	—	68604	1.53	—	91547	.30	—
59886	.011	.131	61223	64.90	—	68606	5.99	—	91551	1.86	.60
59889	.04	.169	61224	23.00	—	68607	4.73	—	91555	1.73	.92
59892	.067	(a)	61225	31.90	—	68702	3.90	—	91560	5.70	4.19
59904	.045	.08	61226	50.80	—	68703	2.92	—	91562	4.14	—
59905	.051	.138	61227	46.50	—	68706	12.50	—	91577	14.80	2.48
59914	.30	.70	62000	10.60	—	68707	12.40	—	91580	7.53	—
59915	.15	.88	62001	7.93	—	90089	5.38	—	91581	(a)	(a)
59917	.028	.164	62002	3.62	—	91111	3.70	4.92	91582	(a)	(a)
59923	.007	.007	62003	11.40	—	91125	3.24	2.10	91583	(a)	(a)
59925	.34	1.06	63010	44.60	—	91127	2.49	1.55	91584	(a)	(a)
59926	.29	.49	63011	55.70	—	91130	1.60	—	91585	(a)	(a)
59927	.196	1.71	63012	79.20	—	91135	.44	(a)	91586	(a)	(a)
59931	.134	.69	63013	75.00	—	91150	2.35	4.94	91587	(a)	(a)
59932	.145	1.11	63215	37.70	—	91155	5.22	32.10	91588	(a)	(a)
59941	.045	(a)	63216	26.20	—	91160	1.30	—	91589	(a)	(a)
59947	.045	.39	63217	17.90	—	91175	1.12	—	91590	4.30	—
59955	.017	.171	63218	6.02	—	91177	4.90	—	91591	(a)	(a)
59963	.128	.54	63219	(a)	—	91179	4.92	—	91606	15.60	—

\$100,000/200,000 BASIC LIMIT OCCURRENCE Premises/Operations (Prem/Ops) (Subline Code 334) Territory 501 Products/Completed Operations (Prod/Cops) (Subline Code 336) Entire State Territory 999											
Class Code	Prem/ Ops	Prod/ Cops	Class Code	Prem/ Ops	Prod/ Cops	Class Code	Prem/ Ops	Prod/ Cops	Class Code	Prem/ Ops	Prod/ Cops
91618	(a)	(a)	95357	1.60	—	97653	3.90	2.33	98426	3.16	(a)
91629	3.19	(a)	95358	(a)	—	97654	6.80	2.55	98427	3.08	—
91636	5.48	—	95410	5.52	2.60	97655	5.99	4.86	98428	(a)	—
91641	1.48	(a)	95455	6.62	1.51	98002	1.08	.97	98429	1.43	—
91666	1.16	(a)	95487	2.96	(a)	98003	1.22	(a)	98430	(a)	—
91722	4.79	(a)	95505	3.08	1.96	98090	.164	—	98449	4.42	19.90
91746	4.14	5.35	95620	2.40	(a)	98091	.178	—	98482	4.74	6.72
91805	.26	—	95625	6.58	2.83	98092	.54	—	98483	7.00	17.50
92053	.64	.43	95630	(a)	(a)	98111	.73	—	98502	6.70	3.26
92054	.22	.234	95647	3.46	5.67	98150	(a)	—	98555	3.12	—
92055	6.14	.234	95648	(a)	(a)	98151	(a)	—	98597	.70	—
92101	9.59	2.33	96053	2.63	4.25	98152	3.65	.36	98598	.24	—
92102	5.78	2.53	96317	1.65	—	98153	4.11	(a)	98601	8.01	(a)
92215	4.11	2.95	96408	4.78	13.30	98154	4.85	(a)	98622	(a)	—
92338	2.22	1.75	96409	4.42	10.00	98155	6.79	(a)	98623	(a)	—
92445	3.14	—	96410	3.88	7.52	98156	(a)	(a)	98624	1.26	—
92446	7.30	1.70	96611	1.39	1.30	98157	4.33	.39	98636	3.53	3.36
92447	6.38	1.52	96702	5.50	(a)	98158	(a)	(a)	98640	138.00	—
92451	2.87	1.75	96703	(a)	—	98159	2.91	(a)	98658	7.02	—
92453	4.04	—	96816	5.16	—	98160	6.16	(a)	98659	1.25	.46
92478	2.00	1.70	96872	5.87	(a)	98161	6.90	(a)	98677	21.80	9.32
92593	37.70	—	96930	(a)	—	98162	(a)	(a)	98678	19.30	12.10
92663	.74	—	97002	(a)	(a)	98163	7.24	.27	98698	(a)	(a)
94007	13.70	4.45	97003	(a)	(a)	98164	2.42	.088	98699	6.30	(a)
94099	3.12	—	97047	4.24	—	98257	1.84	—	98705	9.92	—
94225	11.00	—	97050	3.29	—	98303	13.60	8.46	98710	4.38	—
94276	5.72	4.26	97111	6.60	—	98304	6.82	3.12	98751	5.30	—
94304	3.66	(a)	97220	.43	(a)	98305	3.40	1.49	98805	5.72	1.08
94381	6.88	16.20	97221	(a)	1.22	98306	8.75	.90	98806	3.28	2.76
94404	5.42	5.64	97222	1.90	2.36	98307	2.16	.51	98810	4.79	—
94444	(a)	(a)	97223	2.87	3.30	98308	1.42	.59	98813	4.63	2.28
94569	3.66	2.40	97308	.80	—	98309	6.84	2.54	98820	10.90	3.25
94590	15.80	—	97447	2.62	3.79	98344	.95	.70	98871	(a)	(a)
94617	4.98	—	97501	(a)	—	98405	1.56	—	98884	2.84	1.28
94638	(a)	—	97502	(a)	—	98413	17.90	(a)	98914	.86	.68
95124	1.84	.68	97503	(a)	—	98414	16.40	(a)	98949	1.20	.36
95233	3.94	—	97504	(a)	—	98415	2.16	(a)	98967	4.46	6.13
95305	4.28	—	97650	4.56	3.54	98423	5.14	(a)	98993	6.74	4.51
95306	6.27	—	97651	7.76	3.67	98424	8.71	(a)	99003	2.12	1.03
95310	10.20	1.58	97652	6.73	3.70	98425	3.58	(a)	99004	3.85	1.61

\$100,000/200,000 BASIC LIMIT OCCURRENCE Premises/Operations (Prem/Ops) (Subline Code 334) Territory 501 Products/Completed Operations (Prod/Cops) (Subline Code 336) Entire State Territory 999											
Class Code	Prem/ Ops	Prod/ Cops	Class Code	Prem/ Ops	Prod/ Cops	Class Code	Prem/ Ops	Prod/ Cops	Class Code	Prem/ Ops	Prod/ Cops
99080	1.50	7.27	99826	.95	.49						
99081	(a)	—	99827	.54	.54						
99082	(a)	—	99851	2.20	—						
99083	(a)	—	99917	3.56	—						
99084	(a)	(a)	99938	4.00	—						
99085	(a)	(a)	99943	11.60	—						
99111	2.18	—	99946	8.63	2.57						
99160	(a)	—	99948	8.12	25.80						
99163	5.20	.54	99952	7.02	17.40						
99165	1.14	(a)	99953	7.58	10.00						
99220	1.88	(a)	99954	5.52	11.30						
99221	(a)	(a)	99955	6.91	11.20						
99222	3.54	(a)	99963	.86	—						
99223	.32	(a)	99969	3.42	2.03						
99303	17.40	—	99975	6.13	—						
99310	4.36	(a)	99986	(a)	—						
99315	12.80	1.42	99987	(a)	—						
99321	12.40	2.24	99988	3.02	—						
99445	(a)	(a)									
99471	.86	—									
99505	5.70	—									
99506	7.02	—									
99507	6.12	—									
99570	3.28	(a)									
99571	.80	(a)									
99572	1.56	(a)									
99573	1.49	(a)									
99600	1.67	—									
99613	11.00	2.09									
99614	3.73	—									
99620	.60	—									
99650	1.56	.78									
99709	3.84	(a)									
99718	1.76	—									
99746	2.98	2.32									
99760	.34	—									
99777	8.30	—									
99793	3.78	—									
99798	(a)	(a)									
99803	(a)	7.63									

\$100,000/200,000 BASIC LIMIT OCCURRENCE											
Premises/Operations (Prem/Ops) (Subline Code 334) Territory 502											
Products/Completed Operations (Prod/Cops)						(Subline Code 336) Entire State Territory 999					
Class Code	Prem/ Ops	Prod/ Cops	Class Code	Prem/ Ops	Prod/ Cops	Class Code	Prem/ Ops	Prod/ Cops	Class Code	Prem/ Ops	Prod/ Cops
10010	.096	.224	10205	.173	—	11210	3.42	—	13207	(a)	(a)
10015	3.29	—	10220	3.26	—	11211	17.80	—	13208	(a)	(a)
10020	(a)	(a)	10255	.224	.152	11212	2.69	—	13314	.083	.02
10026	.45	.016	10256	.82	.158	11213	2.20	—	13351	.202	.04
10036	.61	(a)	10257	.155	.187	11214	5.41	—	13352	.206	.037
10040	.073	.30	10309	.112	.017	11222	.091	—	13410	1.29	2.55
10042	.26	.30	10315	.26	(a)	11234	.195	.059	13411	(a)	(a)
10052	2.27	—	10331	4.45	—	11248	.043	.022	13412	.43	1.11
10054	2.02	—	10332	7.68	—	11258	.49	.161	13453	.50	(a)
10060	.123	.079	10352	.238	.058	11259	.53	.118	13454	.59	(a)
10065	.184	.025	10367	4.58	—	11273	9.66	—	13455	.60	(a)
10066	.188	.042	10368	6.69	—	11274	9.27	—	13461	(a)	(a)
10070	.055	.141	10375	(a)	—	11288	.60	.065	13506	.63	.065
10071	.22	.091	10378	4.51	—	12014	.092	.034	13507	.76	.163
10072	5.18	—	10379	2.09	—	12356	.82	.023	13590	.44	.77
10073	.94	.41	10380	3.57	—	12361	.076	.091	13621	.112	.42
10075	6.99	.171	10381	3.10	—	12362	.06	(a)	13670	.043	.013
10100	.41	.04	11007	1.95	—	12373	.023	.031	13673	.37	.012
10101	.166	.191	11020	.209	.075	12374	.43	.058	13715	.06	.151
10105	1.80	—	11039	.82	.05	12375	.209	.044	13716	.31	.126
10107	2.88	.176	11052	2.52	—	12391	.045	.10	13720	.21	.057
10110	11.20	—	11101	(a)	(a)	12393	.28	(a)	13759	.123	.138
10111	.12	.098	11120	(a)	—	12467	.115	(a)	13930	.129	.205
10113	.249	—	11126	.043	.024	12509	.056	.047	14068	.027	.018
10115	.49	.076	11127	.31	.009	12510	.71	.022	14101	.32	.031
10117	3.26	—	11128	.41	.051	12583	.32	(a)	14279	.43	.057
10119	(a)	—	11138	1.11	—	12651	.92	.56	14401	.50	.125
10120	7.32	—	11155	.148	—	12683	.42	(a)	14405	1.14	—
10130	2.45	—	11160	(a)	(a)	12707	.40	.79	14527	.246	.202
10132	2.11	—	11167	.58	—	12797	.083	.168	14655	.061	—
10133	2.43	—	11168	3.02	—	12805	.224	.129	14731	2.50	—
10135	(a)	—	11201	17.00	—	12841	.37	—	14732	.185	—
10140	.035	.02	11202	5.04	—	12927	.065	—	14733	.43	—
10141	.07	.022	11203	.71	.65	13049	.04	.058	14734	.184	—
10145	.34	.009	11204	.216	1.41	13111	.46	.113	14855	.197	.20
10146	.182	.017	11205	(a)	—	13112	.065	.083	14913	.231	.109
10150	.34	(a)	11206	.79	—	13201	.81	.201	15060	(a)	(a)
10151	8.63	—	11207	9.98	—	13204	.92	1.24	15061	(a)	(a)
10160	1.54	—	11208	1.71	—	13205	.35	.45	15062	.177	(a)
10204	.155	—	11209	8.04	—	13206	(a)	(a)	15063	.206	(a)

DIVISION SIX

PREM/OPS TERR. 502

GENERAL LIABILITY

PROD/COPS

LOSS COST PAGES

\$100,000/200,000 BASIC LIMIT OCCURRENCE Premises/Operations (Prem/Ops) (Subline Code 334) Territory 502 Products/Completed Operations (Prod/Cops) (Subline Code 336) Entire State Territory 999											
Class Code	Prem/ Ops	Prod/ Cops	Class Code	Prem/ Ops	Prod/ Cops	Class Code	Prem/ Ops	Prod/ Cops	Class Code	Prem/ Ops	Prod/ Cops
15070	.153	—	16750	.072	.041	18707	.009	.003	40117	(a)	—
15119	(a)	—	16751	.072	—	18708	.079	.009	40140	(a)	—
15120	(a)	—	16819	1.07	(a)	18833	.108	(a)	41001	.122	—
15123	2.42	—	16820	.83	(a)	18834	.206	.132	41210	(a)	—
15124	.85	—	16881	1.13	(a)	18911	.65	.017	41421	.242	—
15188	.31	(a)	16890	.126	(a)	18912	1.22	.027	41422	.129	—
15223	.05	.035	16891	.137	(a)	18920	.32	.016	41510	32.60	—
15224	.222	.054	16892	.249	(a)	18991	(a)	—	41603	11.50	—
15300	(a)	—	16900	1.37	.087	19007	.95	—	41604	6.30	—
15314	.148	(a)	16901	.88	.135	19051	2.10	—	41620	1.43	—
15404	.081	(a)	16902	.74	.065	19061	(a)	—	41650	16.20	—
15405	.119	(a)	16905	1.44	.087	19795	.213	(a)	41664	15.50	—
15406	.30	.047	16906	.92	.135	19796	.249	—	41665	1.82	—
15488	.76	(a)	16910	.82	.052	40005	(a)	—	41666	(a)	—
15538	.26	.016	16911	.74	.053	40006	(a)	—	41667	42.40	—
15600	.66	.078	16915	.84	.049	40010	(a)	—	41668	39.70	—
15607	.201	—	16916	.70	.053	40015	(a)	—	41669	.28	—
15608	.148	.008	16920	1.86	.122	40020	(a)	—	41670	.47	—
15656	4.37	—	16921	1.70	.063	40026	(a)	—	41672	(a)	—
15699	.50	—	16930	1.07	.13	40031	(a)	—	41673	(a)	—
15733	.197	.044	16931	1.16	.063	40032	(a)	—	41675	(a)	—
15839	.198	.022	16940	2.33	.063	40040	(a)	—	41677	.30	—
15991	.162	.07	16941	.93	.095	40041	(a)	—	41678	33.60	—
15993	.137	.04	18078	.109	.135	40042	(a)	—	41679	(a)	(a)
16005	.032	.04	18109	.27	.025	40045	102.00	—	41680	8.40	—
16009	.242	.073	18110	.216	.035	40046	20.20	—	41696	.93	—
16402	.98	—	18200	(a)	—	40047	7.22	—	41697	.65	—
16403	.62	.114	18205	.168	.36	40059	2.58	—	41700	(a)	—
16404	.78	—	18206	.35	.081	40061	1.37	—	41715	5.33	—
16471	.28	—	18335	.25	.017	40063	45.80	—	41716	3.39	—
16501	.068	(a)	18435	.43	.042	40064	13.50	—	43007	(a)	—
16527	.104	.42	18436	.35	.159	40066	(a)	—	43117	(a)	—
16588	.112	(a)	18437	.36	(a)	40067	(a)	—	43151	11.10	—
16604	.188	.212	18438	.69	(a)	40069	(a)	—	43152	10.10	—
16670	1.85	—	18501	.40	.011	40072	(a)	—	43200	42.40	—
16676	.206	.012	18506	.39	.005	40075	22.40	—	43215	(a)	—
16694	.37	(a)	18507	.13	.007	40101	3.47	—	43421	11.60	—
16705	.193	.173	18570	1.36	—	40102	3.07	—	43422	61.00	—
16722	(a)	—	18575	(a)	(a)	40111	3.63	—	43424	(a)	—
16723	(a)	—	18616	.30	.61	40115	(a)	—	43470	5.43	—

\$100,000/200,000 BASIC LIMIT OCCURRENCE Premises/Operations (Prem/Ops) (Subline Code 334) Territory 502 Products/Completed Operations (Prod/Cops) (Subline Code 336) Entire State Territory 999											
Class Code	Prem/ Ops	Prod/ Cops	Class Code	Prem/ Ops	Prod/ Cops	Class Code	Prem/ Ops	Prod/ Cops	Class Code	Prem/ Ops	Prod/ Cops
43517	(a)	—	44277	36.90	—	46004	15.30	—	47471	2.10	—
43518	6.65	—	44280	.30	—	46005	12.30	—	47473	2.75	—
43550	41.40	—	44311	3.43	—	46112	.014	—	47474	3.07	—
43551	23.00	—	44315	2.31	—	46202	2.15	—	47475	2.42	—
43626	5.31	—	44427	12.60	—	46362	117.00	—	47476	2.42	—
43628	69.00	—	44428	12.60	—	46426	17.10	—	47477	3.23	—
43629	58.50	—	44429	.189	—	46427	22.90	—	47478	3.39	—
43754	(a)	—	44430	.132	—	46510	(a)	—	47600	(a)	—
43760	1.95	—	44431	.42	—	46590	(a)	—	47610	(a)	—
43822	4.32	—	44432	.133	—	46603	1.44	—	48039	30.10	—
43840	.053	—	44433	4.24	—	46604	1.66	—	48177	(a)	—
43860	3.40	—	44434	8.12	—	46606	4.42	—	48178	(a)	—
43889	1.22	—	44435	8.41	—	46607	6.08	—	48206	14.10	—
43945	(a)	—	44436	9.82	—	46622	12.60	—	48252	(a)	—
43946	(a)	—	44437	8.14	—	46671	(a)	—	48441	.059	—
43990	(a)	(a)	44438	6.43	—	46700	85.30	—	48557	5.90	—
43991	(a)	—	44439	12.50	—	46773	(a)	—	48558	5.13	—
44009	2.95	—	44440	10.40	—	46822	(a)	—	48600	34.30	—
44010	(a)	(a)	44500	(a)	—	46881	(a)	—	48610	(a)	—
44069	5.68	—	44501	(a)	—	46882	(a)	—	48636	1.23	(a)
44070	1.68	—	45190	1.69	—	46911	10.50	—	48637	4.51	—
44071	1.87	—	45191	1.20	—	46912	19.30	—	48638	2.24	—
44072	1.29	—	45192	1.40	—	46913	(a)	—	48727	(a)	—
44100	1.86	—	45193	.83	—	46914	(a)	—	48808	1.12	—
44101	1.94	—	45210	1.05	—	46915	(a)	—	48924	(a)	—
44102	1.52	—	45224	(a)	—	46916	(a)	—	48925	108.00	—
44103	1.34	—	45225	(a)	—	47050	1.18	—	49005	.201	—
44104	.56	—	45334	24.40	—	47051	(a)	—	49111	1.71	—
44105	(a)	—	45380	.231	(a)	47052	(a)	—	49181	9.82	—
44106	(a)	—	45450	7.19	—	47103	(a)	—	49183	12.00	—
44108	.66	—	45523	(a)	—	47146	(a)	—	49184	25.30	—
44109	1.67	—	45524	(a)	—	47147	(a)	—	49185	23.00	—
44110	1.71	—	45539	(a)	—	47221	93.60	—	49239	.173	.83
44111	1.05	—	45678	.32	—	47253	(a)	—	49292	.72	—
44112	.62	—	45771	.35	.22	47254	(a)	—	49305	(a)	—
44113	(a)	—	45819	.114	.06	47318	4.32	—	49333	5.27	—
44193	(a)	—	45900	.076	.052	47367	.30	—	49451	(a)	—
44194	(a)	—	45901	.065	.06	47420	.95	—	49452	(a)	—
44222	(a)	—	45937	.096	—	47468	(a)	—	49617	.199	.156
44276	56.90	—	45993	(a)	(a)	47469	2.42	—	49618	.167	.039

DIVISION SIX

PREM/OPS TERR. 502

GENERAL LIABILITY

PROD/COPS

LOSS COST PAGES

\$100,000/200,000 BASIC LIMIT OCCURRENCE Premises/Operations (Prem/Ops) (Subline Code 334) Territory 502 Products/Completed Operations (Prod/Cops) (Subline Code 336) Entire State Territory 999											
Class Code	Prem/ Ops	Prod/ Cops	Class Code	Prem/ Ops	Prod/ Cops	Class Code	Prem/ Ops	Prod/ Cops	Class Code	Prem/ Ops	Prod/ Cops
49619	.31	.08	51315	.112	.116	51809	.229	.184	52341	.035	(a)
49763	2.04	—	51330	.075	.43	51833	.056	.103	52342	.102	(a)
49800	(a)	—	51333	.025	.34	51850	.182	(a)	52343	.062	(a)
49801	82.40	—	51340	.022	(a)	51851	.123	(a)	52401	.193	(a)
49802	7.31	—	51350	.086	.177	51852	.29	(a)	52402	.012	(a)
49803	12.90	—	51351	.077	.054	51853	.116	(a)	52432	.062	(a)
49840	1.22	—	51352	.106	.138	51854	.26	(a)	52433	.056	1.46
49870	45.10	—	51355	.072	.116	51855	.27	(a)	52435	.071	(a)
49890	(a)	—	51356	.078	.85	51856	.15	(a)	52438	.051	(a)
49891	(a)	—	51357	.159	.43	51857	.26	(a)	52440	.08	(a)
49902	(a)	—	51358	.38	.175	51869	.061	.19	52467	.074	(a)
49903	(a)	—	51359	.34	1.01	51877	.34	.26	52469	.026	.10
50010	.133	.82	51370	.27	6.02	51889	.057	.02	52505	.129	.224
50015	.087	(a)	51380	.027	.072	51896	.026	.023	52547	.167	.093
50017	.066	(a)	51400	.176	(a)	51900	.042	.105	52581	.63	5.33
50045	.151	(a)	51401	.26	(a)	51909	.165	.066	52619	.044	(a)
50047	.017	(a)	51500	.051	.125	51919	.057	(a)	52660	.105	—
51001	.042	.53	51516	.089	—	51926	.058	.049	52744	.213	.126
51005	.009	(a)	51517	.10	—	51927	.031	.126	52767	.153	(a)
51116	.107	.55	51550	.062	.41	51934	.064	.178	52876	(a)	(a)
51201	.023	(a)	51551	.022	1.06	51941	.058	.045	52911	.035	.68
51205	.069	.111	51552	.038	.169	51942	.093	—	52967	.013	.074
51206	.011	.61	51553	.067	(a)	51956	.25	.30	53001	.129	.38
51210	.074	(a)	51554	.006	(a)	51957	.22	.42	53077	.062	.248
51211	(a)	(a)	51575	.023	.028	51958	.196	.39	53095	.043	(a)
51220	.25	3.25	51576	.12	.10	51959	.201	(a)	53096	.059	(a)
51221	.141	2.44	51600	.082	.232	51960	.026	.42	53121	.169	.54
51222	.172	3.38	51613	.054	.20	51970	.115	.25	53147	.026	(a)
51224	.18	1.19	51625	.039	(a)	51982	.034	.099	53229	.145	(a)
51230	.031	.88	51666	.037	.127	51985	.083	—	53271	.032	(a)
51240	.27	.213	51702	.116	(a)	51986	.133	.128	53333	.142	.238
51241	.81	.34	51703	.048	(a)	51999	.056	.54	53374	.056	.45
51250	.195	(a)	51734	.091	.36	52002	.049	.112	53375	.03	.244
51251	.024	(a)	51741	.142	.28	52075	.143	.29	53376	.048	.212
51252	.083	.11	51752	.12	.199	52076	.173	(a)	53377	.049	.27
51253	.07	(a)	51767	.011	.012	52109	.012	(a)	53403	.031	(a)
51254	.022	.06	51777	.037	.084	52134	.165	.75	53425	.134	(a)
51255	.49	(a)	51790	.062	(a)	52137	.056	(a)	53565	.036	.158
51300	.051	.209	51796	.052	(a)	52150	.30	(a)	53631	.02	.025
51305	.051	1.23	51808	.184	.76	52315	.048	.27	53632	.022	.04

\$100,000/200,000 BASIC LIMIT OCCURRENCE											
Premises/Operations (Prem/Ops) (Subline Code 334) Territory 502											
Products/Completed Operations (Prod/Cops)						(Subline Code 336) Entire State Territory 999					
Class Code	Prem/ Ops	Prod/ Cops	Class Code	Prem/ Ops	Prod/ Cops	Class Code	Prem/ Ops	Prod/ Cops	Class Code	Prem/ Ops	Prod/ Cops
53731	.021	(a)	56170	.132	(a)	57401	.041	.113	58503	.049	.077
53732	.141	.60	56171	.065	(a)	57403	.076	.041	58532	.064	(a)
53733	.092	.26	56202	.047	.126	57410	.02	.188	58559	.013	(a)
53734	.53	—	56390	.082	.62	57411	.033	(a)	58560	.031	(a)
53803	.32	(a)	56391	.071	.36	57572	.012	.107	58561	(a)	(a)
53901	(a)	(a)	56427	.114	.146	57600	.035	.039	58575	.04	.143
53902	(a)	(a)	56488	.062	.039	57611	.071	.075	58627	.129	.022
53903	(a)	(a)	56567	.136	(a)	57625	.30	(a)	58663	.30	1.87
53904	(a)	(a)	56650	.42	(a)	57651	.037	.05	58682	.115	(a)
53905	(a)	(a)	56651	.227	(a)	57690	.092	.64	58713	.024	(a)
53907	.062	.139	56652	.162	(a)	57716	.044	.106	58737	.083	1.01
53951	(a)	(a)	56653	.156	(a)	57725	.095	.094	58756	.056	(a)
53952	(a)	(a)	56654	.08	(a)	57726	.074	.019	58757	.28	(a)
53953	(a)	(a)	56690	.032	.42	57798	.019	(a)	58759	.035	(a)
54012	.053	—	56699	.052	.051	57800	.07	(a)	58802	.039	.50
54077	.085	.39	56758	.044	.178	57808	.036	(a)	58813	.139	(a)
54444	(a)	(a)	56759	.046	.118	57809	.038	(a)	58822	.108	(a)
55010	.26	1.25	56760	.065	.127	57810	.036	.126	58837	.28	.132
55011	.069	1.14	56805	.086	(a)	57871	.044	.127	58840	.083	.128
55012	.082	1.32	56806	.061	(a)	57913	.091	.43	58873	.133	.034
55013	.121	1.05	56807	.06	(a)	57997	.118	—	58903	.025	(a)
55014	(a)	(a)	56808	.079	(a)	57998	.04	.067	58904	.019	.152
55214	.067	.103	56900	.076	(a)	57999	.06	.081	58922	.221	.241
55371	.143	.158	56910	.038	(a)	58009	.06	(a)	59005	.047	.108
55410	(a)	(a)	56911	.118	(a)	58010	.093	(a)	59057	.35	(a)
55426	.147	(a)	56912	.095	.105	58020	.082	(a)	59058	.226	(a)
55597	.017	1.99	56913	.078	(a)	58056	.111	(a)	59188	.162	.065
55647	.033	.08	56915	.46	(a)	58057	.07	(a)	59189	.222	.35
55648	.015	(a)	56916	.42	.196	58058	.063	(a)	59223	.138	.087
55649	.018	(a)	56917	.12	(a)	58095	.089	1.95	59257	.013	.021
55715	.132	.27	56918	.058	(a)	58096	.118	1.06	59306	.08	(a)
55716	.191	.59	56919	.147	(a)	58301	.046	.086	59378	.089	.175
55717	.194	(a)	56920	.134	(a)	58302	.032	.064	59481	.214	.101
55718	.188	(a)	56980	.066	(a)	58397	.184	.97	59482	.169	(a)
55802	.037	.013	57001	.022	.014	58408	.07	—	59537	.096	.172
55918	.076	4.30	57002	.015	.13	58409	.089	—	59601	.081	3.05
55919	.01	4.86	57090	.215	.71	58456	.047	—	59647	.075	.205
56040	.007	.057	57146	.136	.73	58457	.068	—	59660	.148	1.20
56041	.047	(a)	57202	.058	(a)	58458	.089	—	59661	.073	(a)
56042	.059	(a)	57257	.072	.05	58459	.106	—	59693	.012	—

DIVISION SIX

PREM/OPS TERR. 502

GENERAL LIABILITY

PROD/COPS

LOSS COST PAGES

\$100,000/200,000 BASIC LIMIT OCCURRENCE Premises/Operations (Prem/Ops) (Subline Code 334) Territory 502 Products/Completed Operations (Prod/Cops) (Subline Code 336) Entire State Territory 999											
Class Code	Prem/ Ops	Prod/ Cops	Class Code	Prem/ Ops	Prod/ Cops	Class Code	Prem/ Ops	Prod/ Cops	Class Code	Prem/ Ops	Prod/ Cops
59695	(a)	(a)	59964	.37	.066	63220	(a)	—	91190	2.64	(a)
59701	.006	.227	59970	.082	.212	64074	11.90	—	91200	.91	—
59713	.133	.37	59973	.102	(a)	64075	8.40	—	91210	(a)	—
59722	.069	.036	59975	.115	.237	64500	(a)	—	91235	2.87	2.22
59723	.026	.044	59977	.066	(a)	65007	18.20	—	91250	4.32	(a)
59724	.04	.031	59984	.028	.064	66122	7.85	—	91265	19.50	3.55
59725	.049	.103	59985	.109	(a)	66123	4.31	—	91266	10.30	.90
59726	.036	.026	59986	.083	(a)	66309	12.60	—	91280	(a)	2.65
59738	.115	.077	59988	.029	.069	66561	29.20	—	91302	13.80	(a)
59750	.072	.28	59989	.015	.052	67017	27.10	—	91315	4.18	—
59751	.026	(a)	60010	18.00	—	67508	19.40	—	91324	9.31	(a)
59773	.01	.032	60011	20.80	—	67509	14.20	—	91325	(a)	(a)
59774	.008	.175	60012	34.10	—	67510	7.91	—	91340	6.07	7.54
59775	.01	.211	60013	29.20	—	67511	8.56	—	91341	5.62	3.42
59781	.062	.088	60015	21.80	—	67512	36.70	—	91342	5.57	3.70
59782	.093	.69	60016	24.50	—	67513	23.30	—	91343	1.24	1.05
59783	.091	(a)	60035	20.60	—	67634	23.40	—	91405	7.08	—
59784	.069	(a)	61000	17.90	—	67635	16.60	—	91436	6.36	2.18
59790	.089	(a)	61212	11.00	—	68001	50.60	—	91481	23.20	—
59798	.236	.53	61216	12.30	—	68439	65.10	—	91507	3.42	3.38
59806	.169	(a)	61217	11.20	—	68500	3.97	—	91523	52.70	—
59867	.10	(a)	61218	7.62	—	68604	1.22	—	91547	.30	—
59886	.013	.131	61223	51.50	—	68606	4.75	—	91551	1.86	.60
59889	.031	.169	61224	18.20	—	68607	3.76	—	91555	1.73	.92
59892	.091	(a)	61225	25.30	—	68702	3.09	—	91560	5.70	4.19
59904	.061	.08	61226	40.30	—	68703	2.32	—	91562	4.14	—
59905	.062	.138	61227	36.90	—	68706	9.94	—	91577	14.80	2.48
59914	.37	.70	62000	8.40	—	68707	9.83	—	91580	7.53	—
59915	.203	.88	62001	6.30	—	90089	5.38	—	91581	(a)	(a)
59917	.038	.164	62002	2.87	—	91111	3.70	4.92	91582	(a)	(a)
59923	.009	.007	62003	9.06	—	91125	3.24	2.10	91583	(a)	(a)
59925	.35	1.06	63010	32.50	—	91127	2.49	1.55	91584	(a)	(a)
59926	.29	.49	63011	40.60	—	91130	1.60	—	91585	(a)	(a)
59927	.197	1.71	63012	57.70	—	91135	.44	(a)	91586	(a)	(a)
59931	.165	.69	63013	54.70	—	91150	2.35	4.94	91587	(a)	(a)
59932	.178	1.11	63215	29.90	—	91155	5.22	32.10	91588	(a)	(a)
59941	.055	(a)	63216	20.80	—	91160	1.30	—	91589	(a)	(a)
59947	.061	.39	63217	20.60	—	91175	1.12	—	91590	4.30	—
59955	.021	.171	63218	6.93	—	91177	4.90	—	91591	(a)	(a)
59963	.157	.54	63219	(a)	—	91179	4.92	—	91606	15.60	—

\$100,000/200,000 BASIC LIMIT OCCURRENCE Premises/Operations (Prem/Ops) (Subline Code 334) Territory 502 Products/Completed Operations (Prod/Cops) (Subline Code 336) Entire State Territory 999											
Class Code	Prem/ Ops	Prod/ Cops	Class Code	Prem/ Ops	Prod/ Cops	Class Code	Prem/ Ops	Prod/ Cops	Class Code	Prem/ Ops	Prod/ Cops
91618	(a)	(a)	95357	1.60	—	97653	3.90	2.33	98426	3.16	(a)
91629	3.19	(a)	95358	(a)	—	97654	6.80	2.55	98427	3.08	—
91636	5.48	—	95410	5.52	2.60	97655	5.99	4.86	98428	(a)	—
91641	1.48	(a)	95455	6.62	1.51	98002	1.08	.97	98429	1.43	—
91666	1.16	(a)	95487	2.96	(a)	98003	1.22	(a)	98430	(a)	—
91722	4.79	(a)	95505	3.08	1.96	98090	.164	—	98449	4.42	19.90
91746	4.14	5.35	95620	2.40	(a)	98091	.178	—	98482	4.74	6.72
91805	.26	—	95625	6.58	2.83	98092	.54	—	98483	7.00	17.50
92053	.64	.43	95630	(a)	(a)	98111	.73	—	98502	6.70	3.26
92054	.22	.234	95647	3.46	5.67	98150	(a)	—	98555	3.12	—
92055	6.14	.234	95648	(a)	(a)	98151	(a)	—	98597	.70	—
92101	9.59	2.33	96053	2.63	4.25	98152	3.65	.36	98598	.24	—
92102	5.78	2.53	96317	1.65	—	98153	4.11	(a)	98601	8.01	(a)
92215	4.11	2.95	96408	4.78	13.30	98154	4.85	(a)	98622	(a)	—
92338	2.22	1.75	96409	4.42	10.00	98155	6.79	(a)	98623	(a)	—
92445	3.14	—	96410	3.88	7.52	98156	(a)	(a)	98624	1.26	—
92446	7.30	1.70	96611	1.39	1.30	98157	4.33	.39	98636	3.53	3.36
92447	6.38	1.52	96702	5.50	(a)	98158	(a)	(a)	98640	138.00	—
92451	2.87	1.75	96703	(a)	—	98159	2.91	(a)	98658	7.02	—
92453	4.04	—	96816	5.16	—	98160	6.16	(a)	98659	1.25	.46
92478	2.00	1.70	96872	5.87	(a)	98161	6.90	(a)	98677	21.80	9.32
92593	37.70	—	96930	(a)	—	98162	(a)	(a)	98678	19.30	12.10
92663	.74	—	97002	(a)	(a)	98163	7.24	.27	98698	(a)	(a)
94007	13.70	4.45	97003	(a)	(a)	98164	2.42	.088	98699	6.30	(a)
94099	3.12	—	97047	4.24	—	98257	1.84	—	98705	9.92	—
94225	11.00	—	97050	3.29	—	98303	13.60	8.46	98710	4.38	—
94276	5.72	4.26	97111	6.60	—	98304	6.82	3.12	98751	5.30	—
94304	3.66	(a)	97220	.43	(a)	98305	3.40	1.49	98805	5.72	1.08
94381	6.88	16.20	97221	(a)	1.22	98306	8.75	.90	98806	3.28	2.76
94404	5.42	5.64	97222	1.90	2.36	98307	2.16	.51	98810	4.79	—
94444	(a)	(a)	97223	2.87	3.30	98308	1.42	.59	98813	4.63	2.28
94569	3.66	2.40	97308	.80	—	98309	6.84	2.54	98820	10.90	3.25
94590	15.80	—	97447	2.62	3.79	98344	.95	.70	98871	(a)	(a)
94617	4.98	—	97501	(a)	—	98405	1.56	—	98884	2.84	1.28
94638	(a)	—	97502	(a)	—	98413	17.90	(a)	98914	.86	.68
95124	1.84	.68	97503	(a)	—	98414	16.40	(a)	98949	1.20	.36
95233	3.94	—	97504	(a)	—	98415	2.16	(a)	98967	4.46	6.13
95305	4.28	—	97650	4.56	3.54	98423	5.14	(a)	98993	6.74	4.51
95306	6.27	—	97651	7.76	3.67	98424	8.71	(a)	99003	2.12	1.03
95310	10.20	1.58	97652	6.73	3.70	98425	3.58	(a)	99004	3.85	1.61

\$100,000/200,000 BASIC LIMIT OCCURRENCE Premises/Operations (Prem/Ops) (Subline Code 334) Territory 502 Products/Completed Operations (Prod/Cops) (Subline Code 336) Entire State Territory 999											
Class Code	Prem/ Ops	Prod/ Cops	Class Code	Prem/ Ops	Prod/ Cops	Class Code	Prem/ Ops	Prod/ Cops	Class Code	Prem/ Ops	Prod/ Cops
99080	1.50	7.27	99826	.95	.49						
99081	(a)	—	99827	.54	.54						
99082	(a)	—	99851	2.20	—						
99083	(a)	—	99917	3.56	—						
99084	(a)	(a)	99938	4.00	—						
99085	(a)	(a)	99943	11.60	—						
99111	2.18	—	99946	8.63	2.57						
99160	(a)	—	99948	8.12	25.80						
99163	5.20	.54	99952	7.02	17.40						
99165	1.14	(a)	99953	7.58	10.00						
99220	1.88	(a)	99954	5.52	11.30						
99221	(a)	(a)	99955	6.91	11.20						
99222	3.54	(a)	99963	.86	—						
99223	.32	(a)	99969	3.42	2.03						
99303	17.40	—	99975	6.13	—						
99310	4.36	(a)	99986	(a)	—						
99315	12.80	1.42	99987	(a)	—						
99321	12.40	2.24	99988	3.02	—						
99445	(a)	(a)									
99471	.86	—									
99505	5.70	—									
99506	7.02	—									
99507	6.12	—									
99570	3.28	(a)									
99571	.80	(a)									
99572	1.56	(a)									
99573	1.49	(a)									
99600	1.67	—									
99613	11.00	2.09									
99614	3.73	—									
99620	.60	—									
99650	1.56	.78									
99709	3.84	(a)									
99718	1.76	—									
99746	2.98	2.32									
99760	.34	—									
99777	8.30	—									
99793	3.78	—									
99798	(a)	(a)									
99803	(a)	7.63									

\$100,000/200,000 BASIC LIMIT OCCURRENCE Premises/Operations (Prem/Ops) (Subline Code 334) Territory 503 Products/Completed Operations (Prod/Cops) (Subline Code 336) Entire State Territory 999											
Class Code	Prem/ Ops	Prod/ Cops	Class Code	Prem/ Ops	Prod/ Cops	Class Code	Prem/ Ops	Prod/ Cops	Class Code	Prem/ Ops	Prod/ Cops
10010	.072	.224	10205	.25	—	11210	3.67	—	13207	(a)	(a)
10015	3.58	—	10220	4.74	—	11211	19.10	—	13208	(a)	(a)
10020	(a)	(a)	10255	.164	.152	11212	2.88	—	13314	.121	.02
10026	.65	.016	10256	.60	.158	11213	2.35	—	13351	.29	.04
10036	.44	(a)	10257	.113	.187	11214	5.79	—	13352	.30	.037
10040	.055	.30	10309	.163	.017	11222	.097	—	13410	.94	2.55
10042	.37	.30	10315	.38	(a)	11234	.28	.059	13411	(a)	(a)
10052	2.48	—	10331	4.86	—	11248	.031	.022	13412	.32	1.11
10054	2.20	—	10332	8.37	—	11258	.59	.161	13453	.37	(a)
10060	.178	.079	10352	.28	.058	11259	.63	.118	13454	.43	(a)
10065	.27	.025	10367	4.91	—	11273	14.00	—	13455	.44	(a)
10066	.27	.042	10368	7.17	—	11274	13.50	—	13461	(a)	(a)
10070	.041	.141	10375	(a)	—	11288	.72	.065	13506	.92	.065
10071	.32	.091	10378	4.92	—	12014	.067	.034	13507	1.11	.163
10072	5.55	—	10379	2.28	—	12356	1.19	.023	13590	.33	.77
10073	.69	.41	10380	3.90	—	12361	.052	.091	13621	.082	.42
10075	5.12	.171	10381	3.37	—	12362	.045	(a)	13670	.029	.013
10100	.49	.04	11007	2.09	—	12373	.017	.031	13673	.45	.012
10101	.241	.191	11020	.30	.075	12374	.62	.058	13715	.045	.151
10105	2.61	—	11039	.60	.05	12375	.30	.044	13716	.46	.126
10107	2.11	.176	11052	1.55	—	12391	.034	.10	13720	.25	.057
10110	12.20	—	11101	(a)	(a)	12393	.40	(a)	13759	.178	.138
10111	.09	.098	11120	(a)	—	12467	.168	(a)	13930	.097	.205
10113	.36	—	11126	.063	.024	12509	.041	.047	14068	.039	.018
10115	.72	.076	11127	.23	.009	12510	.52	.022	14101	.46	.031
10117	3.56	—	11128	.31	.051	12583	.232	(a)	14279	.31	.057
10119	(a)	—	11138	1.21	—	12651	.68	.56	14401	.59	.125
10120	7.97	—	11155	.215	—	12683	.31	(a)	14405	1.23	—
10130	3.56	—	11160	(a)	(a)	12707	.30	.79	14527	.185	.202
10132	3.07	—	11167	.36	—	12797	.063	.168	14655	.089	—
10133	1.49	—	11168	1.86	—	12805	.33	.129	14731	1.54	—
10135	(a)	—	11201	18.30	—	12841	.54	—	14732	.114	—
10140	.024	.02	11202	5.40	—	12927	.094	—	14733	.62	—
10141	.047	.022	11203	.53	.65	13049	.027	.058	14734	.27	—
10145	.229	.009	11204	.31	1.41	13111	.55	.113	14855	.145	.20
10146	.218	.017	11205	(a)	—	13112	.044	.083	14913	.34	.109
10150	.50	(a)	11206	.85	—	13201	.60	.201	15060	(a)	(a)
10151	12.50	—	11207	10.70	—	13204	.68	1.24	15061	(a)	(a)
10160	2.23	—	11208	1.83	—	13205	.26	.45	15062	.13	(a)
10204	.226	—	11209	8.61	—	13206	(a)	(a)	15063	.151	(a)

DIVISION SIX

PREM/OPS TERR. 503

GENERAL LIABILITY

PROD/COPS

LOSS COST PAGES

\$100,000/200,000 BASIC LIMIT OCCURRENCE Premises/Operations (Prem/Ops) (Subline Code 334) Territory 503 Products/Completed Operations (Prod/Cops) (Subline Code 336) Entire State Territory 999											
Class Code	Prem/ Ops	Prod/ Cops	Class Code	Prem/ Ops	Prod/ Cops	Class Code	Prem/ Ops	Prod/ Cops	Class Code	Prem/ Ops	Prod/ Cops
15070	.164	—	16750	.105	.041	18707	.007	.003	40117	(a)	—
15119	(a)	—	16751	.105	—	18708	.115	.009	40140	(a)	—
15120	(a)	—	16819	.79	(a)	18833	.081	(a)	41001	.134	—
15123	1.49	—	16820	.61	(a)	18834	.30	.132	41210	(a)	—
15124	.52	—	16881	1.64	(a)	18911	.94	.017	41421	.214	—
15188	.228	(a)	16890	.092	(a)	18912	1.78	.027	41422	.114	—
15223	.034	.035	16891	.10	(a)	18920	.46	.016	41510	47.50	—
15224	.27	.054	16892	.182	(a)	18991	(a)	—	41603	10.10	—
15300	(a)	—	16900	1.36	.087	19007	.58	—	41604	5.57	—
15314	.215	(a)	16901	.87	.135	19051	1.29	—	41620	1.53	—
15404	.059	(a)	16902	.74	.065	19061	(a)	—	41650	14.30	—
15405	.087	(a)	16905	1.43	.087	19795	.31	(a)	41664	16.90	—
15406	.222	.047	16906	.92	.135	19796	.36	—	41665	1.98	—
15488	.55	(a)	16910	.82	.052	40005	(a)	—	41666	(a)	—
15538	.38	.016	16911	.74	.053	40006	(a)	—	41667	46.20	—
15600	.97	.078	16915	.84	.049	40010	(a)	—	41668	43.30	—
15607	.215	—	16916	.70	.053	40015	(a)	—	41669	.30	—
15608	.215	.008	16920	1.86	.122	40020	(a)	—	41670	.51	—
15656	6.35	—	16921	1.70	.063	40026	(a)	—	41672	(a)	—
15699	.53	—	16930	1.07	.13	40031	(a)	—	41673	(a)	—
15733	.145	.044	16931	1.15	.063	40032	(a)	—	41675	(a)	—
15839	.29	.022	16940	2.32	.063	40040	(a)	—	41677	.32	—
15991	.236	.07	16941	.93	.095	40041	(a)	—	41678	37.80	—
15993	.199	.04	18078	.082	.135	40042	(a)	—	41679	(a)	(a)
16005	.024	.04	18109	.39	.025	40045	112.00	—	41680	7.42	—
16009	.177	.073	18110	.31	.035	40046	22.10	—	41696	1.00	—
16402	1.43	—	18200	(a)	—	40047	7.87	—	41697	.70	—
16403	.90	.114	18205	.127	.36	40059	2.82	—	41700	(a)	—
16404	1.14	—	18206	.51	.081	40061	1.49	—	41715	4.71	—
16471	.30	—	18335	.37	.017	40063	50.00	—	41716	3.00	—
16501	.051	(a)	18435	.52	.042	40064	14.70	—	43007	(a)	—
16527	.078	.42	18436	.42	.159	40066	(a)	—	43117	(a)	—
16588	.082	(a)	18437	.52	(a)	40067	(a)	—	43151	9.30	—
16604	.138	.212	18438	1.01	(a)	40069	(a)	—	43152	11.30	—
16670	2.01	—	18501	.47	.011	40072	(a)	—	43200	35.40	—
16676	.30	.012	18506	.29	.005	40075	18.70	—	43215	(a)	—
16694	.27	(a)	18507	.189	.007	40101	7.08	—	43421	9.70	—
16705	.145	.173	18570	1.97	—	40102	6.26	—	43422	50.90	—
16722	(a)	—	18575	(a)	(a)	40111	3.96	—	43424	(a)	—
16723	(a)	—	18616	.22	.61	40115	(a)	—	43470	5.82	—

\$100,000/200,000 BASIC LIMIT OCCURRENCE Premises/Operations (Prem/Ops) (Subline Code 334) Territory 503 Products/Completed Operations (Prod/Cops) (Subline Code 336) Entire State Territory 999											
Class Code	Prem/ Ops	Prod/ Cops	Class Code	Prem/ Ops	Prod/ Cops	Class Code	Prem/ Ops	Prod/ Cops	Class Code	Prem/ Ops	Prod/ Cops
43517	(a)	—	44277	30.80	—	46004	13.60	—	47471	1.86	—
43518	7.25	—	44280	.32	—	46005	10.80	—	47473	2.43	—
43550	34.60	—	44311	3.74	—	46112	.028	—	47474	2.71	—
43551	19.20	—	44315	2.51	—	46202	2.40	—	47475	2.14	—
43626	5.79	—	44427	25.60	—	46362	132.00	—	47476	2.14	—
43628	75.20	—	44428	25.80	—	46426	19.30	—	47477	2.85	—
43629	63.80	—	44429	.39	—	46427	25.80	—	47478	3.00	—
43754	(a)	—	44430	.27	—	46510	(a)	—	47600	(a)	—
43760	2.12	—	44431	.86	—	46590	(a)	—	47610	(a)	—
43822	4.63	—	44432	.27	—	46603	1.62	—	48039	25.10	—
43840	.057	—	44433	8.66	—	46604	1.87	—	48177	(a)	—
43860	3.64	—	44434	16.60	—	46606	4.98	—	48178	(a)	—
43889	1.30	—	44435	17.10	—	46607	6.84	—	48206	15.30	—
43945	(a)	—	44436	20.00	—	46622	13.50	—	48252	(a)	—
43946	(a)	—	44437	16.60	—	46671	(a)	—	48441	.064	—
43990	(a)	(a)	44438	13.10	—	46700	71.20	—	48557	6.43	—
43991	(a)	—	44439	25.50	—	46773	(a)	—	48558	5.60	—
44009	1.81	—	44440	21.10	—	46822	(a)	—	48600	38.60	—
44010	(a)	(a)	44500	(a)	—	46881	(a)	—	48610	(a)	—
44069	6.19	—	44501	(a)	—	46882	(a)	—	48636	1.13	(a)
44070	1.83	—	45190	1.89	—	46911	11.50	—	48637	4.92	—
44071	2.04	—	45191	1.34	—	46912	21.00	—	48638	2.44	—
44072	1.41	—	45192	1.57	—	46913	(a)	—	48727	(a)	—
44100	2.20	—	45193	.93	—	46914	(a)	—	48808	1.63	—
44101	2.29	—	45210	1.17	—	46915	(a)	—	48924	(a)	—
44102	1.79	—	45224	(a)	—	46916	(a)	—	48925	118.00	—
44103	1.58	—	45225	(a)	—	47050	1.26	—	49005	.215	—
44104	.66	—	45334	20.40	—	47051	(a)	—	49111	2.49	—
44105	(a)	—	45380	.169	(a)	47052	(a)	—	49181	8.20	—
44106	(a)	—	45450	6.00	—	47103	(a)	—	49183	10.00	—
44108	.78	—	45523	(a)	—	47146	(a)	—	49184	21.10	—
44109	1.97	—	45524	(a)	—	47147	(a)	—	49185	19.20	—
44110	2.01	—	45539	(a)	—	47221	78.10	—	49239	.127	.83
44111	1.24	—	45678	.34	—	47253	(a)	—	49292	.60	—
44112	.73	—	45771	.26	.22	47254	(a)	—	49305	(a)	—
44113	(a)	—	45819	.084	.06	47318	4.71	—	49333	4.40	—
44193	(a)	—	45900	.11	.052	47367	.32	—	49451	(a)	—
44194	(a)	—	45901	.094	.06	47420	1.03	—	49452	(a)	—
44222	(a)	—	45937	.08	—	47468	(a)	—	49617	.123	.156
44276	47.50	—	45993	(a)	(a)	47469	2.14	—	49618	.103	.039

DIVISION SIX

PREM/OPS TERR. 503

GENERAL LIABILITY

PROD/COPS

LOSS COST PAGES

\$100,000/200,000 BASIC LIMIT OCCURRENCE Premises/Operations (Prem/Ops) (Subline Code 334) Territory 503 Products/Completed Operations (Prod/Cops) (Subline Code 336) Entire State Territory 999											
Class Code	Prem/ Ops	Prod/ Cops	Class Code	Prem/ Ops	Prod/ Cops	Class Code	Prem/ Ops	Prod/ Cops	Class Code	Prem/ Ops	Prod/ Cops
49619	.194	.08	51315	.082	.116	51809	.25	.184	52341	.032	(a)
49763	1.26	—	51330	.069	.43	51833	.078	.103	52342	.093	(a)
49800	(a)	—	51333	.023	.34	51850	.166	(a)	52343	.057	(a)
49801	68.80	—	51340	.025	(a)	51851	.113	(a)	52401	.176	(a)
49802	6.10	—	51350	.121	.177	51852	.26	(a)	52402	.014	(a)
49803	10.80	—	51351	.109	.054	51853	.106	(a)	52432	.068	(a)
49840	1.30	—	51352	.149	.138	51854	.238	(a)	52433	.063	1.46
49870	49.20	—	51355	.101	.116	51855	.25	(a)	52435	.078	(a)
49890	(a)	—	51356	.109	.85	51856	.137	(a)	52438	.057	(a)
49891	(a)	—	51357	.117	.43	51857	.235	(a)	52440	.089	(a)
49902	(a)	—	51358	.28	.175	51869	.068	.19	52467	.082	(a)
49903	(a)	—	51359	.246	1.01	51877	.38	.26	52469	.029	.10
50010	.148	.82	51370	.30	6.02	51889	.063	.02	52505	.143	.224
50015	.096	(a)	51380	.03	.072	51896	.029	.023	52547	.153	.093
50017	.073	(a)	51400	.161	(a)	51900	.059	.105	52581	.70	5.33
50045	.167	(a)	51401	.237	(a)	51909	.15	.066	52619	.049	(a)
50047	.019	(a)	51500	.056	.125	51919	.063	(a)	52660	.113	—
51001	.039	.53	51516	.095	—	51926	.065	.049	52744	.30	.126
51005	.008	(a)	51517	.107	—	51927	.035	.126	52767	.14	(a)
51116	.098	.55	51550	.069	.41	51934	.071	.178	52876	(a)	(a)
51201	.025	(a)	51551	.024	1.06	51941	.064	.045	52911	.039	.68
51205	.077	.111	51552	.042	.169	51942	.103	—	52967	.015	.074
51206	.012	.61	51553	.074	(a)	51956	.28	.30	53001	.144	.38
51210	.068	(a)	51554	.007	(a)	51957	.245	.42	53077	.069	.248
51211	(a)	(a)	51575	.032	.028	51958	.217	.39	53095	.047	(a)
51220	.232	3.25	51576	.133	.10	51959	.223	(a)	53096	.066	(a)
51221	.129	2.44	51600	.091	.232	51960	.029	.42	53121	.187	.54
51222	.157	3.38	51613	.06	.20	51970	.128	.25	53147	.024	(a)
51224	.164	1.19	51625	.035	(a)	51982	.038	.099	53229	.132	(a)
51230	.028	.88	51666	.051	.127	51985	.088	—	53271	.035	(a)
51240	.30	.213	51702	.106	(a)	51986	.148	.128	53333	.13	.238
51241	.90	.34	51703	.044	(a)	51999	.062	.54	53374	.079	.45
51250	.178	(a)	51734	.083	.36	52002	.055	.112	53375	.042	.244
51251	.026	(a)	51741	.158	.28	52075	.131	.29	53376	.067	.212
51252	.092	.11	51752	.133	.199	52076	.158	(a)	53377	.069	.27
51253	.078	(a)	51767	.015	.012	52109	.014	(a)	53403	.044	(a)
51254	.024	.06	51777	.052	.084	52134	.183	.75	53425	.122	(a)
51255	.45	(a)	51790	.087	(a)	52137	.052	(a)	53565	.051	.158
51300	.072	.209	51796	.058	(a)	52150	.34	(a)	53631	.022	.025
51305	.072	1.23	51808	.205	.76	52315	.068	.27	53632	.025	.04

\$100,000/200,000 BASIC LIMIT OCCURRENCE Premises/Operations (Prem/Ops) (Subline Code 334) Territory 503 Products/Completed Operations (Prod/Cops) (Subline Code 336) Entire State Territory 999											
Class Code	Prem/ Ops	Prod/ Cops	Class Code	Prem/ Ops	Prod/ Cops	Class Code	Prem/ Ops	Prod/ Cops	Class Code	Prem/ Ops	Prod/ Cops
53731	.023	(a)	56170	.12	(a)	57401	.046	.113	58503	.055	.077
53732	.156	.60	56171	.059	(a)	57403	.107	.041	58532	.07	(a)
53733	.102	.26	56202	.052	.126	57410	.022	.188	58559	.014	(a)
53734	.57	—	56390	.091	.62	57411	.03	(a)	58560	.035	(a)
53803	.29	(a)	56391	.078	.36	57572	.013	.107	58561	(a)	(a)
53901	(a)	(a)	56427	.126	.146	57600	.038	.039	58575	.045	.143
53902	(a)	(a)	56488	.087	.039	57611	.064	.075	58627	.143	.022
53903	(a)	(a)	56567	.125	(a)	57625	.34	(a)	58663	.28	1.87
53904	(a)	(a)	56650	.38	(a)	57651	.041	.05	58682	.127	(a)
53905	(a)	(a)	56651	.207	(a)	57690	.084	.64	58713	.033	(a)
53907	.069	.139	56652	.148	(a)	57716	.04	.106	58737	.093	1.01
53951	(a)	(a)	56653	.143	(a)	57725	.087	.094	58756	.052	(a)
53952	(a)	(a)	56654	.073	(a)	57726	.068	.019	58757	.31	(a)
53953	(a)	(a)	56690	.045	.42	57798	.021	(a)	58759	.038	(a)
54012	.057	—	56699	.058	.051	57800	.078	(a)	58802	.044	.50
54077	.094	.39	56758	.049	.178	57808	.033	(a)	58813	.127	(a)
54444	(a)	(a)	56759	.051	.118	57809	.034	(a)	58822	.12	(a)
55010	.28	1.25	56760	.073	.127	57810	.033	.126	58837	.25	.132
55011	.077	1.14	56805	.095	(a)	57871	.04	.127	58840	.076	.128
55012	.091	1.32	56806	.068	(a)	57913	.101	.43	58873	.121	.034
55013	.111	1.05	56807	.067	(a)	57997	.126	—	58903	.028	(a)
55014	(a)	(a)	56808	.088	(a)	57998	.045	.067	58904	.021	.152
55214	.074	.103	56900	.084	(a)	57999	.055	.081	58922	.202	.241
55371	.202	.158	56910	.042	(a)	58009	.055	(a)	59005	.052	.108
55410	(a)	(a)	56911	.107	(a)	58010	.104	(a)	59057	.39	(a)
55426	.134	(a)	56912	.087	.105	58020	.115	(a)	59058	.25	(a)
55597	.019	1.99	56913	.071	(a)	58056	.124	(a)	59188	.228	.065
55647	.037	.08	56915	.42	(a)	58057	.078	(a)	59189	.31	.35
55648	.017	(a)	56916	.38	.196	58058	.07	(a)	59223	.126	.087
55649	.02	(a)	56917	.11	(a)	58095	.098	1.95	59257	.014	.021
55715	.147	.27	56918	.053	(a)	58096	.131	1.06	59306	.088	(a)
55716	.212	.59	56919	.134	(a)	58301	.042	.086	59378	.082	.175
55717	.177	(a)	56920	.122	(a)	58302	.035	.064	59481	.238	.101
55718	.172	(a)	56980	.073	(a)	58397	.205	.97	59482	.238	(a)
55802	.052	.013	57001	.025	.014	58408	.075	—	59537	.088	.172
55918	.084	4.30	57002	.016	.13	58409	.095	—	59601	.09	3.05
55919	.011	4.86	57090	.197	.71	58456	.051	—	59647	.106	.205
56040	.008	.057	57146	.125	.73	58457	.073	—	59660	.165	1.20
56041	.052	(a)	57202	.065	(a)	58458	.095	—	59661	.081	(a)
56042	.066	(a)	57257	.08	.05	58459	.114	—	59693	.014	—

DIVISION SIX

PREM/OPS TERR. 503

GENERAL LIABILITY

PROD/COPS

LOSS COST PAGES

\$100,000/200,000 BASIC LIMIT OCCURRENCE Premises/Operations (Prem/Ops) (Subline Code 334) Territory 503 Products/Completed Operations (Prod/Cops) (Subline Code 336) Entire State Territory 999											
Class Code	Prem/ Ops	Prod/ Cops	Class Code	Prem/ Ops	Prod/ Cops	Class Code	Prem/ Ops	Prod/ Cops	Class Code	Prem/ Ops	Prod/ Cops
59695	(a)	(a)	59964	.41	.066	63220	(a)	—	91190	2.64	(a)
59701	.006	.227	59970	.075	.212	64074	13.30	—	91200	.91	—
59713	.147	.37	59973	.113	(a)	64075	9.40	—	91210	(a)	—
59722	.076	.036	59975	.105	.237	64500	(a)	—	91235	2.87	2.22
59723	.029	.044	59977	.06	(a)	65007	20.50	—	91250	4.32	(a)
59724	.044	.031	59984	.031	.064	66122	8.83	—	91265	19.50	3.55
59725	.055	.103	59985	.121	(a)	66123	4.85	—	91266	10.30	.90
59726	.04	.026	59986	.092	(a)	66309	14.20	—	91280	(a)	2.65
59738	.127	.077	59988	.027	.069	66561	32.80	—	91302	13.80	(a)
59750	.066	.28	59989	.016	.052	67017	30.50	—	91315	4.18	—
59751	.024	(a)	60010	16.00	—	67508	17.10	—	91324	9.31	(a)
59773	.013	.032	60011	18.40	—	67509	12.60	—	91325	(a)	(a)
59774	.011	.175	60012	30.20	—	67510	6.99	—	91340	6.07	7.54
59775	.014	.211	60013	25.90	—	67511	7.57	—	91341	5.62	3.42
59781	.057	.088	60015	19.30	—	67512	32.40	—	91342	5.57	3.70
59782	.085	.69	60016	21.70	—	67513	20.60	—	91343	1.24	1.05
59783	.083	(a)	60035	23.10	—	67634	26.40	—	91405	7.08	—
59784	.063	(a)	61000	15.80	—	67635	18.70	—	91436	6.36	2.18
59790	.098	(a)	61212	12.40	—	68001	57.00	—	91481	23.20	—
59798	.216	.53	61216	13.80	—	68439	73.30	—	91507	3.42	3.38
59806	.155	(a)	61217	12.60	—	68500	3.51	—	91523	52.70	—
59867	.111	(a)	61218	8.58	—	68604	1.37	—	91547	.30	—
59886	.015	.131	61223	58.00	—	68606	5.35	—	91551	1.86	.60
59889	.044	.169	61224	20.50	—	68607	4.23	—	91555	1.73	.92
59892	.083	(a)	61225	28.50	—	68702	3.48	—	91560	5.70	4.19
59904	.056	.08	61226	45.40	—	68703	2.61	—	91562	4.14	—
59905	.069	.138	61227	41.60	—	68706	11.20	—	91577	14.80	2.48
59914	.41	.70	62000	9.46	—	68707	11.10	—	91580	7.53	—
59915	.186	.88	62001	7.09	—	90089	5.38	—	91581	(a)	(a)
59917	.034	.164	62002	3.23	—	91111	3.70	4.92	91582	(a)	(a)
59923	.01	.007	62003	10.20	—	91125	3.24	2.10	91583	(a)	(a)
59925	.25	1.06	63010	28.70	—	91127	2.49	1.55	91584	(a)	(a)
59926	.215	.49	63011	35.90	—	91130	1.60	—	91585	(a)	(a)
59927	.145	1.71	63012	51.10	—	91135	.44	(a)	91586	(a)	(a)
59931	.183	.69	63013	48.40	—	91150	2.35	4.94	91587	(a)	(a)
59932	.197	1.11	63215	33.70	—	91155	5.22	32.10	91588	(a)	(a)
59941	.061	(a)	63216	23.40	—	91160	1.30	—	91589	(a)	(a)
59947	.056	.39	63217	22.40	—	91175	1.12	—	91590	4.30	—
59955	.023	.171	63218	7.55	—	91177	4.90	—	91591	(a)	(a)
59963	.175	.54	63219	(a)	—	91179	4.92	—	91606	15.60	—

\$100,000/200,000 BASIC LIMIT OCCURRENCE Premises/Operations (Prem/Ops) (Subline Code 334) Territory 503 Products/Completed Operations (Prod/Cops) (Subline Code 336) Entire State Territory 999											
Class Code	Prem/ Ops	Prod/ Cops	Class Code	Prem/ Ops	Prod/ Cops	Class Code	Prem/ Ops	Prod/ Cops	Class Code	Prem/ Ops	Prod/ Cops
91618	(a)	(a)	95357	1.60	—	97653	3.90	2.33	98426	3.16	(a)
91629	3.19	(a)	95358	(a)	—	97654	6.80	2.55	98427	3.08	—
91636	5.48	—	95410	5.52	2.60	97655	5.99	4.86	98428	(a)	—
91641	1.48	(a)	95455	6.62	1.51	98002	1.08	.97	98429	1.43	—
91666	1.16	(a)	95487	2.96	(a)	98003	1.22	(a)	98430	(a)	—
91722	4.79	(a)	95505	3.08	1.96	98090	.164	—	98449	4.42	19.90
91746	4.14	5.35	95620	2.40	(a)	98091	.178	—	98482	4.74	6.72
91805	.26	—	95625	6.58	2.83	98092	.54	—	98483	7.00	17.50
92053	.64	.43	95630	(a)	(a)	98111	.73	—	98502	6.70	3.26
92054	.22	.234	95647	3.46	5.67	98150	(a)	—	98555	3.12	—
92055	6.14	.234	95648	(a)	(a)	98151	(a)	—	98597	.70	—
92101	9.59	2.33	96053	2.63	4.25	98152	3.65	.36	98598	.24	—
92102	5.78	2.53	96317	1.65	—	98153	4.11	(a)	98601	8.01	(a)
92215	4.11	2.95	96408	4.78	13.30	98154	4.85	(a)	98622	(a)	—
92338	2.22	1.75	96409	4.42	10.00	98155	6.79	(a)	98623	(a)	—
92445	3.14	—	96410	3.88	7.52	98156	(a)	(a)	98624	1.26	—
92446	7.30	1.70	96611	1.39	1.30	98157	4.33	.39	98636	3.53	3.36
92447	6.38	1.52	96702	5.50	(a)	98158	(a)	(a)	98640	138.00	—
92451	2.87	1.75	96703	(a)	—	98159	2.91	(a)	98658	7.02	—
92453	4.04	—	96816	5.16	—	98160	6.16	(a)	98659	1.25	.46
92478	2.00	1.70	96872	5.87	(a)	98161	6.90	(a)	98677	21.80	9.32
92593	37.70	—	96930	(a)	—	98162	(a)	(a)	98678	19.30	12.10
92663	.74	—	97002	(a)	(a)	98163	7.24	.27	98698	(a)	(a)
94007	13.70	4.45	97003	(a)	(a)	98164	2.42	.088	98699	6.30	(a)
94099	3.12	—	97047	4.24	—	98257	1.84	—	98705	9.92	—
94225	11.00	—	97050	3.29	—	98303	13.60	8.46	98710	4.38	—
94276	5.72	4.26	97111	6.60	—	98304	6.82	3.12	98751	5.30	—
94304	3.66	(a)	97220	.43	(a)	98305	3.40	1.49	98805	5.72	1.08
94381	6.88	16.20	97221	(a)	1.22	98306	8.75	.90	98806	3.28	2.76
94404	5.42	5.64	97222	1.90	2.36	98307	2.16	.51	98810	4.79	—
94444	(a)	(a)	97223	2.87	3.30	98308	1.42	.59	98813	4.63	2.28
94569	3.66	2.40	97308	.80	—	98309	6.84	2.54	98820	10.90	3.25
94590	15.80	—	97447	2.62	3.79	98344	.95	.70	98871	(a)	(a)
94617	4.98	—	97501	(a)	—	98405	1.56	—	98884	2.84	1.28
94638	(a)	—	97502	(a)	—	98413	17.90	(a)	98914	.86	.68
95124	1.84	.68	97503	(a)	—	98414	16.40	(a)	98949	1.20	.36
95233	3.94	—	97504	(a)	—	98415	2.16	(a)	98967	4.46	6.13
95305	4.28	—	97650	4.56	3.54	98423	5.14	(a)	98993	6.74	4.51
95306	6.27	—	97651	7.76	3.67	98424	8.71	(a)	99003	2.12	1.03
95310	10.20	1.58	97652	6.73	3.70	98425	3.58	(a)	99004	3.85	1.61

\$100,000/200,000 BASIC LIMIT OCCURRENCE Premises/Operations (Prem/Ops) (Subline Code 334) Territory 503 Products/Completed Operations (Prod/Cops) (Subline Code 336) Entire State Territory 999											
Class Code	Prem/ Ops	Prod/ Cops	Class Code	Prem/ Ops	Prod/ Cops	Class Code	Prem/ Ops	Prod/ Cops	Class Code	Prem/ Ops	Prod/ Cops
99080	1.50	7.27	99826	.95	.49						
99081	(a)	—	99827	.54	.54						
99082	(a)	—	99851	2.20	—						
99083	(a)	—	99917	3.56	—						
99084	(a)	(a)	99938	4.00	—						
99085	(a)	(a)	99943	11.60	—						
99111	2.18	—	99946	8.63	2.57						
99160	(a)	—	99948	8.12	25.80						
99163	5.20	.54	99952	7.02	17.40						
99165	1.14	(a)	99953	7.58	10.00						
99220	1.88	(a)	99954	5.52	11.30						
99221	(a)	(a)	99955	6.91	11.20						
99222	3.54	(a)	99963	.86	—						
99223	.32	(a)	99969	3.42	2.03						
99303	17.40	—	99975	6.13	—						
99310	4.36	(a)	99986	(a)	—						
99315	12.80	1.42	99987	(a)	—						
99321	12.40	2.24	99988	3.02	—						
99445	(a)	(a)									
99471	.86	—									
99505	5.70	—									
99506	7.02	—									
99507	6.12	—									
99570	3.28	(a)									
99571	.80	(a)									
99572	1.56	(a)									
99573	1.49	(a)									
99600	1.67	—									
99613	11.00	2.09									
99614	3.73	—									
99620	.60	—									
99650	1.56	.78									
99709	3.84	(a)									
99718	1.76	—									
99746	2.98	2.32									
99760	.34	—									
99777	8.30	—									
99793	3.78	—									
99798	(a)	(a)									
99803	(a)	7.63									