

LOSS COSTS – IMPLEMENTATION

FEBRUARY 7, 2020

COMMERCIAL AUTOMOBILE

LI-CA-2020-093

KENTUCKY REVISED COMMERCIAL AUTO ADVISORY PROSPECTIVE LOSS COSTS FILED AND TO BE IMPLEMENTED; NEW FILING FORMAT

KEY MESSAGE

Loss costs representing a **+2.7%** statewide change have been filed and are acknowledged.

BACKGROUND

In circular [LI-CA-2019-280](#), we provided you with information about the Commercial Auto loss cost level experience review.

ISO ACTION

We have filed and are implementing CA-2020-BRLA1, which presents a review of Commercial Auto loss cost experience.

Refer to the attached explanatory material for complete details about the filing.

INSURANCE DEPARTMENT ACTION

The Insurance Department has acknowledged this revision as filed.

IMPORTANT NOTE

Change in Format

The filing has been restructured. All explanatory text, for all sections of the filing, appears first; all exhibits are grouped together and appear thereafter, followed by the manual pages. We invite customers to share feedback on this revised format and suggestions for further enhancements by contacting the individuals listed in the Contact Information block.

SUPPLEMENTARY INFORMATION

We are including supplementary information for Kentucky, which provides additional information on the attached loss cost level experience review.

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

We do not establish an effective date for Commercial Auto loss costs revisions in this state. Each insurer that elects to utilize this revision is responsible for determining its own effective date.

IMPACT ON THE STATISTICAL REPORTING OF LOSS COST MULTIPLIER

For the purpose of reporting your company Loss Cost Multiplier under the CSP, as of September 1, 2020, the multiplier must be based on the relationship between your gross rates and the ISO advisory prospective loss costs contained in this circular.

COMPANY ACTION

You must independently determine the final rates you will use and the effective date of any rate change. If you decide to use our prospective loss costs to revise your rates, you are NOT required to file anything with the Insurance Department.

You must document your files in case the Insurance Department wishes to review the information at a later date. In all correspondence on this revision, you should refer to ISO Filing Number CA-2020-BRLA1, NOT this circular number.

RATING SOFTWARE IMPACT

No new attributes are being introduced with this revision.

POLICYHOLDER NOTIFICATION

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

FUTURE ISO ACTION

We will provide a status report for this and other Basic Limits Loss Costs (BRLA1) revisions. Please refer to the Insurance Lines Services web site (www.verisk.com/ils). In addition to other information, this web site contains copies of major multistate filing status reports that are updated approximately every two weeks.

REVISION DISTRIBUTION

We will issue a Notice to Manualholders with an edition date of 9-20 (or the earliest possible subsequent date), along with any new and/or revised manual pages.

REFERENCE(S)

- [LI-CL-2019-057](#) (12/10/2019) Revised Lead Time Requirements Listing
- [LI-CA-2019-280](#) (12/04/2019) Commercial Auto Experience Level Indications Reviewed By Staff

ATTACHMENT(S)

- Filing CA-2020-BRLA1
- Supplementary Information

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.

COPYRIGHT EXPLANATION

The material distributed by Insurance Services Office, Inc. is copyrighted. All rights reserved. Possession of these pages does not confer the right to print, reprint, publish, copy, sell, file, or use same in any manner without the written permission of the copyright owner. Permission is hereby granted to members, subscribers, and service purchasers to reprint, copy, or otherwise use the enclosed material for purposes of their own business use relating to that territory or line or kind of insurance, or subdivision thereof, for which they participate, provided that:

- (A) Where ISO copyrighted material is reprinted, copied, or otherwise used **as a whole**, it must reflect the copyright notice actually shown on such material.
- (B) Where ISO copyrighted material is reprinted, copied, or otherwise used **in part**, the following credit legend must appear at the bottom of each page so used:
Includes copyrighted material of Insurance Services Office, Inc., with its permission.

DATA QUALITY

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

ACKNOWLEDGEMENT OF ACTUARIAL QUALIFICATIONS

The American Academy of Actuaries' "Qualifications 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 Strategic Actuarial Operations for ISO, and I, James Davidson, am an Actuarial Director for Commercial Auto 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.

OPTIONAL CLASS PLAN INFORMATION

For the latest updates on the Optional Class Plan, visit <https://www.verisk.com/insurance/products/new-commercial-auto-class-plan>.

CONTACT INFORMATION

If you have any questions concerning:

- The actuarial content of this circular, please contact:
Rebecca Gordon
Actuarial Operations
201-469-2623
Rebecca.Gordon@verisk.com
autoactuarial@verisk.com
- The non-actuarial content of this circular, please contact:
Vincent Barila
Production Operations, Compliance and Product Services
201-469-2751
productionoperations@verisk.com
- Other issues for this circular, please contact Customer Support:
E-mail: info@verisk.com
Phone: 800-888-4476

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.

KENTUCKY
BASIC LIMITS PROSPECTIVE LOSS COST LEVEL – COMMERCIAL AUTOMOBILE
FILING CA-2020-BRLA1
EXECUTIVE SUMMARY

PURPOSE

This document:

- revises the advisory prospective loss costs for the major Commercial Automobile classes. These loss costs represent a 2.7% statewide change from the loss costs currently in effect.
 - provides the analyses used to derive these advisory loss costs.
-

**DEFINITION OF
THE ISO ADVISORY
PROSPECTIVE
LOSS COSTS**

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

**OPTIONAL CLASS
PLAN LOSS COSTS**

The loss costs contained in this filing CA-2020-BRLA1 are intended for use with the class plan in our standard manual. The prospective loss costs in this filing have also been used as the basis to develop the loss costs for the Optional Class Plan, which are located in companion filing CA-2020-BRLB1.

**CHANGE IN
FORMAT**

In this document, all explanatory material appears first, followed by all exhibits, and then the revised prospective loss costs. Explanatory pages are numbered B-1 through C-27, the exhibits are labeled EXHIBIT A1 through EXHIBIT C16, and the revised prospective loss cost pages are numbered D-1 through D-33.

**PRIVATE
PASSENGER TYPES
SPECIFIED CAUSES
OF LOSS**

This filing introduces a Loss Cost for Specified Causes of Loss Coverage for Private Passenger Types Vehicles.

**AUTO DEALERS
LIABILITY AND
PIP COVERAGES**

The Auto Dealers Liability and PIP coverages are not being reviewed this year.

REVISED LOSS
COST CHANGES

The statewide advisory loss cost level changes are:

| <u>Trucks, Tractors & Trailers</u> | <u>Indicated</u> | <u>Filed</u> |
|--|------------------|--------------|
| Liability | | |
| Single Limit Liability | 4.7% | 4.7% |
| Personal Injury Protection | -7.2% | -7.2% |
| Physical Damage | | |
| Other than Collision | 8.8% | 8.8% |
| Collision | -5.0% | -5.0% |
| Total Trucks, Tractors & Trailers | 3.3% | 3.3% |

REVISED LOSS
COST CHANGES
(CONT'D)

Private Passenger Types

| | | |
|-------------------------------|-------|-------|
| Liability | | |
| Single Limit Liability | 1.5% | N.C. |
| Personal Injury Protection | -2.5% | N.C. |
| Physical Damage | | |
| Other than Collision | 3.1% | 3.1% |
| Collision | -3.4% | -3.4% |
| Total Private Passenger Types | 0.6% | -0.4% |
| <u>Grand Total</u> | 2.8% | 2.7% |

Loss cost level changes are relative to the current loss costs.

INDICATED VS.
FILED

Indicated changes are based on standard ISO methodology, utilizing a 9/1/2020 trend effective date. The filed loss cost level changes are the same as the indicated with the following exceptions: No Change (N.C.) was selected for Private Passenger Types Liability and PIP due to the modest indications. The Trucks, Tractors & Trailers Other Than Collision loss cost for territory 117 was capped for stability.

PRIOR ISO
REVISIONS

The latest selected revisions in this state are:

| <u>Filing</u> | CA-2019-BRLA1 | CA-2018-BRLA1 | CA-2017-BRLA1 |
|---------------------------|---------------|---------------|---------------|
| Rate Level/ Loss Costs | Loss Costs | Loss Costs | Loss Costs |
| Effective Date | 9/1/2019 | 9/1/2018 | 9/1/2017 |
| <u>Changes</u> | | | |
| Indicated | 8.5% | 9.0% | 6.5% |
| Filed | 8.5% | 8.3% | 6.1% |
| Approved | 8.5% | 8.3% | 6.1% |

HISTORICAL
SOURCE DATA

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

- ISO companies reporting voluntary automobile experience under the Commercial Automobile modules of ISO's statistical plans.
- Accident year data through year ended 12/31/2018 for all coverages.

-
- Various external price index data from the Bureau of Labor Statistics.
-

ADJUSTMENTS TO
REPORTED
EXPERIENCE

Loss Trend

To adjust the loss data to levels expected to prevail during the period when the revised loss costs will be in effect, historical losses have been multiplied by trend factors. These trend factors are based on the changes in claim cost and claim frequency that are expected to arise between the historical experience period and the prospective period during which the revised loss costs are anticipated to be in effect. Historically, frequency trends for Commercial Auto liability have been quite variable, have differed between

Trucks, Tractors, and Trailers (TTT) and Private Passenger Types (PPT) liability classes, and have often displayed cyclical patterns. As a result, an exponential curve of the form $Y=A(B^X)$ does not fit the data well over the long term. To reflect these characteristics and the difficulty in predicting turning points and rates of change, frequency trend is being selected to be 0% for TTT and PPT for both the Bodily Injury and Property Damage coverages.

Claim cost trend data through fourth quarter 2018 and claim frequency trend data through third quarter 2018 were used in selecting the following annual liability trend factors:

| <u>Coverage</u> | <u>Annual Trend Factor</u> |
|---|--------------------------------|
| Trucks, Tractors, and Trailers Liability: | |
| Bodily Injury | +5.4% |
| Property Damage | +4.0% |
| Private Passenger Types Liability: | |
| Bodily Injury | +5.4% |
| Property Damage | +4.0% |
| Trucks, Tractors & Trailers PIP | +2.9% |
| Private Passenger Types PIP | +2.9% |
| Trucks, Tractors & Trailers OTC | +7.0% |
| Trucks, Tractors & Trailers Collision | +4.5% |
| Private Passenger Types OTC | +6.5% |
| Private Passenger Types Collision | +4.0% |

OCN Trend

To recognize the trend in the Original Cost New (OCN) relativities for Trucks, Tractors & Trailers and Private Passenger Type's physical damage, aggregate loss costs at current level have been multiplied by trend factors. The selected annual OCN trend factors for Trucks, Tractors & Trailers are +0.9% and +1.5% for OTC and Collision respectively. For Private Passenger Types, the OCN Trend factors are +1.0% and +0.6% for OTC and Collision respectively.

Standard actuarial procedures have been used in calculating the loss costs including adjusting the losses to ultimate settlement level, reflecting all loss adjustment expenses.

TEN LARGEST
COMPANIES/
GROUPS
IN THIS REVIEW

LIABILITY (ASLOB 19.3 & 19.4)

1. Liberty Mutual Insurance Company
2. Travelers Indemnity Company
3. Cincinnati Insurance Company
4. Motorists Mutual Insurance Company
5. Zurich American Insurance Company
6. Westfield Insurance Company
7. American International Group
8. Nationwide Mutual Insurance Co.
9. Tokio Marine Companies
10. Employers Mutual Casualty Company

PHYSICAL DAMAGE (ASLOB 21.2)

1. Liberty Mutual Insurance Company
2. Cincinnati Insurance Company
3. Travelers Indemnity Company
4. Westfield Insurance Company
5. American Alternative Insurance Corp.
6. Zurich American Insurance Company
7. Great American Insurance Company
8. Employers Mutual Casualty Company
9. National Trust Insurance Company
10. Federated Mutual Insurance Company

Insurers are listed in descending order based on the percent of statewide written premium volume from Annual Statement Page 15 for the year ending 12/31/2018 for the Annual Statement Line of Business (ASLOB) indicated.

MARKET SHARE

The market share of ISO participating insurers used in this review as measured by Annual Statement Page 15 written premium for the year ending 12/31/2018 is:

Liability (ASLOB 19.3 & 19.4)
49.0%

Physical Damage (ASLOB 21.2)
39.0%

COMPANY
DECISION

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

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

COPYRIGHT
EXPLANATION

The material distributed by Insurance Services Office, Inc. is copyrighted. All rights reserved. Possession of these pages does not confer the right to print, reprint, publish, copy, sell, file or use same in any manner without the written permission of the copyright owner.

KENTUCKY
COMMERCIAL AUTOMOBILE
Table of Contents

| | <u>Explanatory Pages</u> | <u>Corresponding Exhibits</u> |
|--|------------------------------|-----------------------------------|
| SECTION A – SCOPE OF REVISION | | |
| Summary of Prospective Loss Cost Level Changes | | Exhibit A1 |
| Revised Prospective Loss Costs and Percentage Changes | | Exhibit A2 |
| SECTION B – CALCULATION OF CHANGES | | |
| Overview of ISO Actuarial Procedures | B-1 | |
| Step 1: | | |
| Determination of Statewide Loss Cost Level Changes | B-2-4 | |
| Trucks, Tractors & Trailers Liability and PIP Statewide Changes | | Exhibit B1 |
| Trucks, Tractors & Trailers Physical Damage Statewide Changes | | Exhibit B2 |
| Private Passenger Types Liability and PIP Statewide Changes | | Exhibit B3 |
| Private Passenger Types Physical Damage Statewide Changes | | Exhibit B4 |
| Step 2: | | |
| Determination of Territory Relativities | B-5 | |
| Trucks, Tractors & Trailers Liability and PIP Territory Development | | Exhibit B5 |
| Private Passenger Liability and PIP Territory Development | | Exhibit B6 |
| Explanatory Memorandum for Trucks, Tractors & Trailers and Private Passenger Types Liability and PIP Territory Development | B-6-7 | |
| Trucks, Tractors & Trailers Physical Damage Territory Development | | Exhibits B7-B8 |
| Private Passenger Types Physical Damage Territory Development | | Exhibits B9-B10 |
| Explanatory Memorandum for Trucks, Tractors & Trailers and Private Passenger Types Physical Damage Territory Development | B-8-9 | |
| SECTION C – SUPPORTING MATERIAL | | |
| Loss Adjustment Expense | C-1 | Exhibit C1 |
| Loss Trend | C-2-7 | Exhibits C2-C9 |
| Physical Damage OCN Trend | C-8 | Exhibits C10-C11 |
| Loss Development for Liability | C-9-10 | Exhibits C12-C13 |
| Loss Development for Physical Damage | C-11 | Exhibits C14-C15 |
| Credibility Procedures and Tables | C-12-19 | |
| Claims for Credibility | C-20-21 | |
| Relativities for Developing Minor Class & Coverage Loss Costs | | Exhibit C16 |
| Excess Wind and Water Procedure | C-22-27 | |
| SECTION D – REVISED PROSPECTIVE LOSS COSTS | | |
| Liability and PIP | D-1-16 | |
| Physical Damage - All Coverages Except Garages | D-17-32 | |
| Hired Autos (Rule 90) | D-33 | |

OVERVIEW OF ISO ACTUARIAL PROCEDURES – COMMERCIAL AUTOMOBILE

| | |
|---|--|
| INTRODUCTION | Commercial Automobile 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 by coverage for the major classes. |
| STEP 1: DETERMINATION OF STATEWIDE LOSS COST INDICATION | The first step in this process is the determination of the statewide loss cost indication by major class/coverage. In other words, what percentage changes 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 on the exhibits labeled "Determination of Statewide Advisory Loss Cost Level Change." |
| STEP 2: DISTRIBUTION TO TERRITORIES | For all of the liability coverages and for Trucks, Tractors & Trailers and Private Passenger Types Physical Damage, ISO then distributes the filed statewide basic limit loss cost change to the individual territorial loss costs by comparing the relative loss experience by territory to the statewide average. |
| STEP 3: APPLICATION OF PERCENT CHANGES | The last step is the calculation of the ISO advisory prospective loss costs. This is achieved by applying either the filed statewide or territorial changes to the current ISO loss costs. For liability, the percentage change is applied at the basic limit; for physical damage, it is applied at the base OCN, age and deductible. The resulting Loss Costs are displayed in Section D. |

OVERVIEW OF ISO ACTUARIAL PROCEDURES – COMMERCIAL AUTOMOBILE

STEP 1 – DETERMINATION OF STATEWIDE ADVISORY LOSS COST LEVEL CHANGE

| | |
|-------------------------------------|---|
| OBJECTIVE | <p>The objective of this procedure is to determine the indicated statewide advisory 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 are assumed to be in effect?</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, which is the aggregate amount that would have been collected if the current ISO loss costs were used during the experience period. 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 weights are determined as a function of the credibility or volume of claim experience. The average experience ratio is then credibility weighted with the expected experience ratio in order to minimize the impact of random variation in the observed losses. This credibility weighted experience ratio is the indicated statewide advisory loss cost level change in decimal form.</p> |
| EXPERIENCE BASE | <p>The experience used in this review is the latest available as reported under the ISO Commercial Statistical Plan. All coverages are on an accident year basis. For liability, the review is conducted on a \$100,000 basic limits basis - indemnity losses are limited to \$100,000 per occurrence.</p> |
| AGGREGATE LOSS COSTS (Item 1) | <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 were used during the experience period. It is calculated by extending the exposures by the current ISO loss costs. For liability, the \$100,000 basic limit loss costs are used. For Trucks, Tractors, and Trailers and Private Passenger Types Physical Damage, loss costs are on an all deductibles combined basis.</p> <p>Trucks, Tractors & Trailers and Private Passenger Types physical damage aggregate loss costs are placed on the prospective OCN relativity level by the application of OCN trend factors.</p> |

INCURRED
LOSSES & LAE
(Item 2)

The incurred losses and loss adjustment expenses are our best estimate of the ultimate payment for indemnity losses and loss adjustment expenses using the claim frequency and severity levels ISO expects to occur during the prospective period for which the revised loss costs will be used.

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

- Incurred indemnity losses are capped at the basic limit;
- 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 levels by the application of trend factors.

For the physical damage coverages, the reported paid (accident year) losses are subject to the following adjustments:

- Paid Other Than Collision losses are adjusted using an Excess Wind and Water procedure;
- Developed to an ultimate settlement basis by the application of loss development factors;
- Loaded for all loss adjustment expenses;
- Placed on the prospective cost/frequency levels by the application of trend factors.

Refer to Section C for the support for these loss related adjustments.

EXPERIENCE
RATIO
(Item 3)

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.

YEAR WEIGHTS
(Item 4)

The number of years of experience used and year weights are determined by the total number of claims in the experience period. To the extent there is adequate credibility, ISO uses fewer years and gives greater weight to the most recent years. Refer to the credibility pages of Section C for the methodology used to arrive at both the number of years used and the year weights.

EXPECTED
EXPERIENCE
RATIO
(Item 7)

The expected experience ratio is our best prediction of the experience ratio if the most recent data was not available. For this review we have assumed that the current loss costs were adequate when implemented and will be inadequate for the prospective period to the extent of the net trend. It is calculated as the combined trend factor projected for the number of years between the last revision (or review) and this revision.

CREDIBILITY

Credibility is based upon the number of claims for all years in the experience period. The procedure for assigning credibility is outlined in the credibility pages of Section C.

CREDIBILITY
WEIGHTED
EXPERIENCE
RATIO

The average experience ratio is credibility weighted with the expected experience ratio. The resulting credibility weighted experience ratio, converted to a percentage, is the indicated change to the current ISO loss costs.

OVERVIEW OF ISO ACTUARIAL PROCEDURES – COMMERCIAL AUTOMOBILE

STEP 2 – DETERMINATION OF TERRITORY RELATIVITIES

| | |
|-----------|--|
| OBJECTIVE | The objective of this procedure is to distribute the statewide loss cost indication by territory. In other words, what percentage changes by territory should be made in order to equitably achieve an adequate statewide prospective loss cost level? |
|-----------|--|

| | |
|---|---|
| TRUCKS, TRACTORS & TRAILERS AND PRIVATE PASSENGER TYPES LIABILITY AND PHYSICAL DAMAGE | For Trucks, Tractors & Trailers and Private Passenger Types, this procedure compares the individual territory experience ratios to the statewide average experience ratio. The territory experience ratio is calculated for the latest 5 years and a statewide weighted-average experience ratio for the same period is calculated using the aggregate loss costs (product of earned car years (col 1) and underlying loss cost (col 2)) as weights. The territory experience ratio is then credibility weighted with the statewide average experience ratio to produce a formula experience ratio. The territory formula experience ratio is then compared to the statewide weighted average formula experience ratio to determine the territory index to state. The territory index is then multiplied by the filed loss cost level change in order to produce the indicated change to the individual territories. This change is then applied to the current territory base loss cost. |
|---|---|

EXPLANATORY MEMORANDUM FOR TRUCKS, TRACTORS & TRAILERS AND PRIVATE
PASSENGER TYPES LIABILITY AND PIP TERRITORY DEVELOPMENT

| | |
|--|--|
| COLUMN (1) EARNED CAR YEARS | Number of car-years, or exposures, earned in the latest year. These exposures are used to calculate the weighted averages through the analysis. (For calculating the weighted average of the Experience Ratio in Col (4) and the Formula Experience Ratio in Col (6) the product of [Col(1) x Col(2)] are used as weights). |
| COLUMN (2) \$100,000 LIABILITY OR BASIC PIP LOSS COST | Average loss cost at current level (earned aggregate loss cost at current level divided by exposures) is based on the latest accident year experience available and reflects the \$100,000 liability or basic PIP loss cost at present ISO manual level. |
| COLUMN (3) 5 YEAR ENDED EXPERIENCE LOSS COST | Loss cost based on the latest 5 years of experience (for purposes of stability). The loss cost is Bodily Injury and Property Damage combined or basic PIP and is trended and developed to an ultimate settlement basis including all loss adjustment expenses. |
| COLUMN (4) EXPERIENCE RATIO LOSS COST | For each coverage, an experience ratio by territory is derived by dividing the 5 year experience loss cost by the average \$100,000 liability or basic PIP loss cost at present ISO manual level. [Col. (3) / Col. (2)] |
| COLUMN (5) CREDIBILITY | The experience ratio thus calculated is assigned a credibility value on the basis of the number of claims underlying the 5 year pure premium (See Section C for credibility standards). The complement of the credibility is assigned to the statewide experience ratio which appears in Col. (4). |
| COLUMN (6) FORMULA EXPERIENCE RATIO | <p>The formula experience ratio is a credibility weighted average of the territory group experience ratio and statewide experience ratio. The formula is as follows:</p> $\frac{[\text{Terr. Group Col. (4)} \times \text{Terr. Group Col. (5)}] + [\text{SW Total Col. (4)} \times (1.0 - \text{Terr. Group Col. (5)})]}{[\text{Terr. Group Col. (4)} + \text{SW Total Col. (4)}]}$ |

COLUMN (7)
INDEX TO
STATE

Territory indices to state are calculated by dividing the territory formula experience ratio by the statewide average formula experience ratio

[Terr. Col (6) / SW Total Col. (6)]

(Statewide Total Col. (6) is the weighted average formula experience ratio using the individual products of [Col. (1) x Col. (2)] as weights.)

COLUMN (8)
BASE CLASS
LOSS COST

Present ISO \$100,000 liability base class loss cost or basic PIP loss cost.

COLUMN (9)
INDICATED BASE
LOSS COST

Indicated base class loss cost for a particular territory. It is calculated by applying the product of the statewide loss cost level change and the territory index [Col. (7)] to the present ISO loss cost.

COLUMN (10)
REVISED BASE
LOSS COST

Revised \$100,000 liability base loss cost or basic PIP loss cost.

COLUMN (11)
ADVISORY
LOSS COST
CHANGE

Percentage change from the present base loss cost to the revised base loss cost.

EXPLANATORY MEMORANDUM FOR TRUCKS, TRACTORS & TRAILERS AND
PRIVATE PASSENGER TYPES
PHYSICAL DAMAGE TERRITORY DEVELOPMENT

| | |
|---|---|
| COLUMN (1) EARNED CAR YEARS | Number of car-years, or exposures, earned in the latest year. These exposures are used to calculate the weighted averages through the analysis. (For calculating the weighted average of the Experience Ratio in Col (4) and the Formula Experience Ratio in Col (6) the product of [Col(1) x Col(2)] are used as weights). |
| COLUMN (2) UNDERLYING LOSS COST | Average loss cost at current level (earned aggregate loss cost at current level divided by exposures) is based on the latest accident year experience available and reflects the present ISO manual loss cost trended to a prospective OCN level by the application of OCN factors. |
| COLUMN (3) 5 YEAR ENDED EXPERIENCE LOSS COST | Loss cost based on the latest 5 years of experience (for purposes of stability). The loss cost is trended and include all loss adjustment expenses. |
| COLUMN (4) EXPERIENCE RATIO LOSS COST | For each coverage, an experience ratio by territory is derived by dividing the 5 year experience loss cost by the average loss cost at present ISO manual level. [Col. (3) / Col. (2)] |
| COLUMN (5) CREDIBILITY | The experience ratio thus calculated is assigned a credibility value on the basis of the number of claims underlying the 5 year pure premium (See Section C for credibility standards). The complement of the credibility is assigned to the statewide experience ratio which appears in Col. (4). |
| COLUMN (6) FORMULA EXPERIENCE RATIO | <p>The formula experience ratio is a credibility weighted average of the territory group experience ratio and statewide experience ratio. The formula is as follows:</p> $[\text{Terr. Group Col. (4)} \times \text{Terr. Group Col. (5)}] \\ + [\text{SW Total Col. (4)} \times (1.0 - \text{Terr. Group Col. (5)})]$ |

COLUMN (7)
INDEX TO
STATE

Territory indices to state are calculated by dividing the territory formula experience ratio by the statewide average formula experience ratio

$$[\text{Terr. Col (6)} / \text{SW Total Col. (6)}]$$

(Statewide Total Col. (6) is the weighted average formula experience ratio using the individual products of [Col. (1) x Col. (2)] as weights.)

COLUMN (8)
BASE CLASS
LOSS COST

Present ISO base class loss cost.

COLUMN (9)
INDICATED BASE
LOSS COST

Indicated base class loss cost for a particular territory. It is calculated by applying the product of the statewide loss cost level change and the territory index [Col. (7)] to the present ISO loss cost.

COLUMN (10)
REVISED BASE
LOSS COST

Revised base loss cost.

COLUMN (11)
ADVISORY
LOSS COST
CHANGE

Percentage change:
[Col. (10) / Col. (8)]

LOSS ADJUSTMENT EXPENSE FACTORS

| | |
|---------------------------|---|
| OBJECTIVE | The reported indemnity losses must be loaded for any loss adjustment expenses (LAE) that are not reported in statistical detail to ISO. |
| LIABILITY COVERAGES | For the liability coverages, allocated loss adjustment expenses are reported in detail to ISO under the Commercial Statistical Plan. Unallocated loss adjustment expenses must be loaded into the losses. A factor representing the ratio of the sum of the incurred indemnity losses plus all LAE to the sum of the incurred indemnity losses plus allocated LAE was selected based on multistate financial data from a Special Call Submission for available writers. |
| PHYSICAL DAMAGE COVERAGES | For the physical damage coverages, accident year paid indemnity losses are reported. All loss adjustment expenses must be loaded into the reported losses. A factor representing the ratio of incurred losses plus all LAE to incurred losses was selected based on multistate financial data from the Insurance Expense Exhibits for agency and direct writers. |

AVERAGE ANNUAL CHANGE IN LOSSES (LOSS TREND)

| | |
|--|--|
| OBJECTIVE | The application of the average annual change in losses to historical data recognizes that advisory loss costs are being made for use in a future period based on historical experience. Due to economic and social factors, claim cost and frequency levels continue to change from those underlying the historical data. |
| DETERMINATION OF HISTORICAL AVERAGE CLAIM COST TREND | To determine the historical average claim cost trend, ISO makes use of the Least Squares Method fitted to the reported time series data; specifically, an exponential curve represented by the equation $Y=A(B^X)$ is fitted to the paid claim cost data. The parameters A and B are calculated by regressing Y, which is the applicable claim cost on X, which is the unit of time. The resulting fitted curve allows the determination of a historical average trend for the data under review. |
| LIABILITY LOSS TREND | The historical average annual change in claim costs for both Bodily Injury and Property Damage coverages are measured in this document using a credibility-weighted mix of multistate and statewide data. Prospective average annual changes for claim frequency have been selected based on the historical multistate data, as well as other relevant factors. Combining the state credibility-weighted claim cost trends with the selected claim frequency trends results in the selected Bodily Injury and Property Damage pure premium trend used to adjust the losses to a prospective level. |
| TREND CREDIBILITY FOR LIABILITY CLAIM SEVERITY | <p>Trend credibility is based on a full credibility standard of 975,000 claims for BI and 390,000 claims for PD. These standards were developed using a Bayesian analysis. Partial credibility is determined by the following formula:</p> $A = C/(C+K)$ <p>where C equals the number of claims for the latest year ended point and K equals 25,000 for bodily injury and 10,000 for property damage. The resulting table of partial credibilities is shown in this section.</p> |

LIABILITY:
FREQUENCY
TREND

The data underlying the claim frequency trend selections is shown on the attached claim frequency exhibits. The exhibits include quarterly points for Multistate incurred frequency trend separately for Trucks, Tractors, and Trailers and Private Passenger Types. As can be seen from these exhibits (and corresponding graphs), frequency for both bodily injury and property damage has generally changed from year to year in an unpredictable manner.

Historically, frequency trends for Commercial Auto liability have been quite variable, have differed between Trucks, Tractors, and Trailers (TTT) and Private Passenger Types (PPT) liability classes, and have often displayed cyclical patterns. As a result, an exponential curve of the form $Y=A(B^X)$ does not fit the data well over the long term. To reflect these characteristics and the difficulty in predicting turning points and rates of change, frequency trend is being selected to be 0% for TTT and PPT for both the Bodily Injury and Property Damage coverages.

PHYSICAL
DAMAGE:
LOSS TREND

Data Selections

- In our Physical Damage Trend review, we try to include as much data as possible for each deductible level that we analyze. With this goal in mind, for a given deductible level, we include all losses written at or below that deductible level. For example, consider an event causing \$1,500 of damage on a policy written with a \$250 deductible. This would be reported as a \$1,250 loss. In order to include as much data as possible in our review, we would generate 3 different records for this loss, one at each deductible that we analyze:

At \$250 deductible: \$1,250 loss

At \$500 deductible: \$1,000 loss

At \$1,000 deductible: \$500 loss

Each of these deductible levels is analyzed independently of the other levels, so that there are no instances of double-counting loss records.

- Wind and Water losses are removed from our Other Than Collision trend reviews due to the high variability of these types of losses from year to year.

Data Adjustments

In our Physical Damage trend review, we employ two adjustments to the data with the objective of diminishing distortions in the trend that we do not wish to measure. Our goal is to only measure inflationary effects.

1) All losses are divided by the appropriate class plan and age factors that correspond to that record in order to diminish the effect that variations in these factors from one year to the next have on the trend calculation.

PHYSICAL
DAMAGE:
LOSS TREND
(CONT'D)

For example, consider 12 Truck exposures reported with Age Code 1 (current model year, age factor of 1.00). Each exposure experiences a loss of \$500. The average severity of the losses for these 12 exposures is \$500.

Now consider these 12 exposures 5 years in the future. The exposures are now reported with Age Code A (6th preceding model year, age factor of 0.80). Assume that there is 10% inflation per year on all severities. Also assume that each of these 12 exposures experience the same amount of damage as they did 5 years ago. The average severity of the losses for these 12 exposures is now \$644 (taking into account both inflation and the older age of the vehicles).

If we analyze the severity trend without dividing each loss by its corresponding age factor, we get an annual trend of $(\$644/\$500)^{1/5} - 1 = 5.2\%$

If we first divide each loss by its corresponding age factor, we get an annual trend of $((\$644/0.80) / (\$500/1.00))^{1/5} - 1 = 10.0\%$

The first calculated severity is not equal to the assumed inflation because the calculation includes the decrease in average severity caused by aging of the vehicles. By dividing each loss record by its corresponding class plan and age factors, we remove distortions on the severity trend caused by the change in the distribution of classes and ages from one year to the next.

2) All Other Than Collision losses are adjusted to correct for the distortion on trend results created by a change in the distribution of types of loss from one year to the next. The Other Than Collision severity is a weighted-average of the severities for each type of loss (glass, fire, theft, etc.). Since each type of loss has a different severity (for example, glass losses have a much smaller severity than other types of loss), then variations in the distribution of types of loss may lead to changes in the severity that we do not want to measure (if one year 5% of losses are glass losses, and the next year 30% of losses are glass losses, we would expect the average severity of all Other Than Collision losses to decrease). To correct this, we calculate the proportion of losses for each type of loss averaged over all years in the experience period.

Consider the following example, where an adjustment is NOT made to the data. Assume 10% annual inflation for all losses:

| | Year 1 | | Year 2 | |
|-----------------------|--------|---------|--------|---------|
| Type of Loss | Glass | Fire | Glass | Fire |
| Claims | 10 | 3 | 15 | 5 |
| Severity of Each Loss | \$50 | \$1,000 | \$55 | \$1,100 |
| Total Losses | \$500 | \$3,000 | \$825 | \$5,500 |

Average severity of losses in Year 1 is $(\$500 + \$3,000) / 13 \text{ claims} = \269

Average severity of losses in Year 2 is $(\$825 + \$5,500) / 20 \text{ claims} = \316.25

Average Severity trend = $(\$316.25/\$269) - 1 = 17.6\%$

PHYSICAL
DAMAGE:
LOSS TREND
(CONT'D)

Now consider the same scenario, where an adjustment IS made to the data:

| | Year 1 | | Year 2 | |
|-------------------------------|-------------|------------|-------------|------------|
| Type of Loss | Glass | Fire | Glass | Fire |
| Claims | 10 | 3 | 15 | 5 |
| Percentage of Total Claims | 10/13 = 77% | 3/13 = 23% | 15/20 = 75% | 5/20 = 25% |

Average Percentage of Claims for Glass losses: $(77\% + 75\%) / 2 = 76\%$

Average Percentage of Claims for Fire losses: $(23\% + 25\%) / 2 = 24\%$

The number of claims for each type of loss for each year is replaced by these averages:

| | Year 1 | | Year 2 | |
|--------------------------|-----------------|------------------|-----------------|----------------|
| Type of Loss | Glass | Fire | Glass | Fire |
| Claims | 76% x 13 = 9.88 | 24 % x 13 = 3.12 | 76% x 20 = 15.2 | 24% x 20 = 4.8 |
| Severity of Each Loss | \$50 | \$1,000 | \$55 | \$1,100 |
| Total Losses | \$494 | \$3,120 | \$836 | \$5,280 |

Average severity of losses in Year 1 is $(\$494 + \$3,120) / 13 \text{ claims} = \278

Average severity of losses in Year 2 is $(\$836 + \$5,280) / 20 \text{ claims} = \305.80

Average Severity trend = $(\$305.80 / \$278) - 1 = 10.0\%$

Note that the total number of claims each year remains unchanged from the total before the adjustment is made.

Year 1 claims = $9.88 + 3.12 = 13 \text{ claims}$

Year 2 claims = $15.2 + 4.8 = 20 \text{ claims}$

Although new claims totals by type of loss are used in the calculation, the impact of the adjustment is to change only the loss totals, so frequency figures are not changed. The result is equivalent to a re-weighting of the severities so that each type of loss has a consistent weight from year to year.

By keeping each type of loss' proportion of total claims constant from year to year, we remove distortions in the trend caused by changes in the distribution of types of loss.

PHYSICAL
DAMAGE:
LOSS TREND
(CONT'D)

For the OTC coverages, there is a change to how glass losses are handled when shifting from one deductible to another. ISO collects a coverage code indicating if the deductible is waived for glass losses or not ("full glass" and "non-full glass", respectively). However some insurers waive deductibles on glass losses even when the policy isn't a "full glass" coverage policy. Recently we began to also collect a Type of Loss code indicating if a deductible has been waived for the particular claim. In situations where a claim is reported with a coverage code and Type of Loss code that aren't consistent on how a glass loss was handled, we previously used the coverage code to determine how we interpreted the loss amount. Now this scenario is handled based on the information in the new Type of Loss code.

The trend selections for physical damage are based on the data in the attached exhibits. Each exhibit includes the distribution of losses, by deductible, for the most recent year. We analyze frequency trend and severity trend separately, using data at the \$250, \$500, and \$1,000 deductibles for OTC, and at the \$500, \$1,000, and \$2,000 deductibles for Collision.

Historically, claim frequency (like liability claim frequency) had been variable from year to year, often cyclical. As a result, an exponential curve of the form $Y=A(B^x)$ did not fit the frequency data well. In the interest of long-term stability, we have selected 0.0% trend factors for frequency.

Based on this multistate experience and on the continued positive trends in the Consumer Price Index for Bodywork, ISO has selected the following annual trends:

| | Trucks, Tractors & Trailers <u>Pure Premium</u> | Private Passenger Types <u>Pure Premium</u> |
|-------|--|--|
| OTC: | +7.0% | +6.5% |
| COLL: | +4.5% | +4.0% |

PERSONAL
INJURY
PROTECTION
TREND

The average annual trend for personal injury protection coverage is based on consumer price indices for medical and hospital related services, and wage data from the Bureau of Labor statistics. The average annual claim cost trend uses a weighted average of the medical and wage trends using weights based on type of loss data for this state. The weighted average annual trend in claim cost is then multiplied by the selected average annual trend in claim frequency. The average annual trend in claim frequency for PIP that is used is the same for bodily injury claim frequency.

COMMERCIAL AUTOMOBILE PHYSICAL DAMAGE
SUPPLEMENTARY EXHIBIT

| Quarterly Values <u>Ending</u> | Consumer Price Index for Bodywork | |
|--------------------------------------|-----------------------------------|------------------------|
| | <u>Actual</u> | <u>Exponential Fit</u> |
| 12/31/2015 | 2.831 | 2.823 |
| 03/31/2016 | 2.847 | 2.843 |
| 06/30/2016 | 2.866 | 2.862 |
| 09/30/2016 | 2.877 | 2.882 |
| 12/31/2016 | 2.913 | 2.901 |
| 03/31/2017 | 2.925 | 2.921 |
| 06/30/2017 | 2.942 | 2.941 |
| 09/30/2017 | 2.945 | 2.962 |
| 12/31/2017 | 2.966 | 2.982 |
| 03/31/2018 | 2.999 | 3.002 |
| 06/30/2018 | 3.016 | 3.023 |
| 09/30/2018 | 3.033 | 3.044 |
| 12/31/2018 | 3.061 | 3.065 |
| 03/31/2019 | 3.074 | 3.086 |
| 06/30/2019 | 3.118 | 3.107 |
| 09/30/2019 | 3.158 | 3.128 |
| | | Average |
| | | Annual |
| | | <u>Change</u> |
| 16 Point Fit | <u>R-Squared</u> | |
| 12 Point Fit | | |
| | 0.9857 | 2.8% |
| | 0.9724 | 2.9% |

PHYSICAL DAMAGE OCN TREND

OBJECTIVE

In Physical Damage for Trucks, Tractors & Trailers and Private Passenger Types, as new, higher-valued commercial automobiles are introduced, there is an increase in revenue due to the original cost new component of the rating procedure. In order to reflect the revenue impact of the higher-valued vehicles during the prospective period, ISO uses an OCN trend procedure. The effect of this procedure is to reduce the indicated loss costs for Trucks, Tractors & Trailers and Private Passenger Types physical damage coverages.

DESCRIPTION OF ORIGINAL COST NEW DATA

The average original cost new (OCN) relativities for Comprehensive and Collision are displayed on the following exhibits. The data is displayed by coverage. To determine the historical average trend for OCN, ISO makes use of the Least Squares Method to fit a curve to the reported time series data. Specifically, an exponential curve represented by the equation

$$Y = A(B^X)$$

is fitted to the average OCN relativities. Based on the results of these curves, ISO has selected annual OCN trends of 0.9% and 1.5% for Trucks, Tractors & Trailers OTC and Collision coverages respectively. This trend is necessary to reflect the additional revenue generated by the shift in the OCN distribution as new, higher-priced automobiles are introduced.

For Private Passenger Types, OCN trends of 1.0% and 0.6% were selected for the OTC and Collision coverages respectively.

LOSS DEVELOPMENT FOR LIABILITY

| | |
|---|--|
| OBJECTIVE | The application of loss development recognizes the important concept that some of the losses for a particular accident year have not been finally determined at the time the experience is compiled. |
| DESCRIPTION OF EXPERIENCE PERIOD DATA | For Trucks, Tractors & Trailers and Private Passenger Types Liability, the incurred losses and allocated loss adjustment expenses underlying the statewide loss cost level indications are on an accident year basis and were evaluated as of March 31, 2019. In other words, accident year ended December 31, 2018 includes all losses and allocated loss adjustment expenses paid through March 31, 2019 on accidents occurring from January 1, 2018 to December 31, 2018 and all losses and allocated loss adjustment expenses outstanding on these accidents as of March 31, 2019, 15 months after the inception of the accident year. Similarly, the incurred losses and allocated loss adjustment expenses for accident year ended December 31, 2017 include all loss and loss adjustment expenses paid through March 31, 2019 on accidents occurring from January 1, 2017 to December 31, 2017 and all losses and allocated loss adjustment expenses outstanding on these accidents as of March 31, 2019, 27 months after the inception of the accident year. The immature experience reported as of 15 or as of 27 months must be adjusted to a mature or ultimate settlement basis through the use of a loss development factor. |
| DESCRIPTION OF LOSS DEVELOPMENT METHODOLOGY | <p>For Bodily Injury Coverage, states are divided into two multistate groups. One group (No-Fault) consists of states with a no-fault law that has a tort threshold. The other group (Tort) contains the remaining states. The applicable multistate group for this state is used in this document. Losses are developed up to 123 months and are based on \$100,000 CSL data. Three-year averages for Trucks, Tractors & Trailers and Private Passenger Types are calculated for each link ratio based on a "best three of five" approach. Specifically, for the latest five years, the highest and lowest ratios were removed from the calculation and the three year average was calculated using the three remaining factors. Beyond 123 months the loss development is assumed to be unity.</p> <p>For Property Damage Coverage, one multistate group is used. Losses are developed up to 111 months and \$100,000 CSL data is used. Three-year averages for Trucks, Tractors & Trailers and Private Passenger Types are calculated for each link ratio based on a "best three of five" years approach. Specifically, for the latest five years, the highest and lowest ratios were removed from the calculation and the three year average was calculated using the three remaining factors. Development beyond 111 months is assumed to be unity.</p> |

STATE
CREDIBILITY
WEIGHTED
FACTORS

For Trucks, Tractors & Trailers and Private Passenger Types, statewide loss development factors are credibility weighted with multistate factors. A Bayesian credibility study was done on state 15 to 27 months and 27 to 39 months loss development factors. The study concluded that there is significant statewide variation for bodily injury through 39 months and for property damage through 27 months. For these link ratios, statewide credibility is determined by the formula $Z = L/(L+K)$, where Z is the credibility, and L is the 3-year total losses for the particular state (at the earliest of the two evaluations). The complement of credibility is assigned to multistate loss development factors. K is a constant that varies by coverage as follows:

Trucks, Tractors & Trailers

| | <u>15 to 27</u> | <u>27 to 39</u> |
|--------------------------|-----------------|-----------------|
| Bodily Injury (tort) | \$ 2,500,000 | \$ 11,000,000 |
| Bodily Injury (no-fault) | 900,000 | 3,000,000 |
| Property Damage | 1,500,000 | - |

Private Passenger Types

| | <u>15 to 27</u> | <u>27 to 39</u> |
|--------------------------|-----------------|-----------------|
| Bodily Injury (tort) | \$ 1,500,000 | \$ 4,000,000 |
| Bodily Injury (no-fault) | 700,000 | 1,700,000 |
| Property Damage | 600,000 | - |

TRUCKS,
TRACTORS &
TRAILERS AND
PRIVATE
PASSENGER
TYPES

For Trucks, Tractors & Trailers and Private Passenger Types, Bodily Injury loss development factors to ultimate are calculated by accumulating the statewide credibility-weighted 15 to 27 month factor and 27 to 39 month factor, and the multistate average 39 to ultimate factor.

For the property damage coverage, loss development factors to ultimate are calculated by accumulating the statewide credibility-weighted 15-27 month factor and the multistate average 27 to ultimate factor.

LOSS DEVELOPMENT FOR PHYSICAL DAMAGE

| | |
|---|---|
| OBJECTIVE | The application of loss development recognizes the important concept that some of the losses for a particular accident year have not been finally determined at the time the experience is compiled. |
| DESCRIPTION OF EXPERIENCE PERIOD DATA | For Physical Damage, paid losses underlying the statewide loss cost level indications are on an accident year basis and were evaluated as of March 31, 2019. In other words, accident year ended December 31, 2018 includes all losses paid through March 31, 2019 on accidents occurring from January 1, 2018 to December 31, 2018. Similarly, the paid losses for accident year ended December 31, 2017 include all losses paid through March 31, 2019 on accidents occurring from January 1, 2017 to December 31, 2017. The immature paid loss experience reported as of 15 or as of 27 months must be adjusted to a mature or ultimate settlement basis through the use of a loss development factor. |
| DESCRIPTION OF LOSS DEVELOPMENT METHODOLOGY | For Collision and Other Than Collision coverages, one multistate group is used. Losses are developed to an ultimate settlement basis. Three-year averages are calculated for each age-to-age link ratio. These link ratios are accumulated to develop losses to 123 months. Development beyond 123 months is assumed to be 1.000. |

CREDIBILITY PROCEDURE FOR EXPERIENCE LOSS RATIO

| | |
|--|---|
| OBJECTIVE | <p>The extent to which the state experience is reflected in the development of the prospective loss costs is determined by the credibility of the data for that state. Specifically, ISO credibility procedures are based upon the volume of claims for each coverage separately.</p> |
| METHODOLOGY | <p>The standards for full credibility were determined from a credibility study using various size of loss distributions for liability, other than collision and collision respectively. Separate standards by coverage/major class for full credibility were calculated using the Mayerson, Jones and Bowers expansion formula.</p> |
| CREDIBILITY FOR EXPERIENCE LOSS RATIO | <p>The assignment of credibility to the experience loss ratio is based on the total number of claims for the years used. For liability, the claims are based on BI and PD claims combined. For physical damage, credibility is determined separately for OTC and Collision. Partial credibility (Z), as used for the experience loss ratio, is determined using the square root rule as follows:</p> $Z = \sqrt{\frac{\text{Claims}}{X}}$ <p>Where X equals the full credibility standard, by line and coverage, as shown on the following pages of this section.</p> |
| YEAR WEIGHTS | <p>The weights assigned to the loss ratio by year are based on the credibility of the average number of claims for the years of experience used. A maximum of five years of experience may be used. This procedure is described in detail in the flow chart on the following page. The claim standard used to determine the year weights is based on the credibility standard for each coverage. The schedules of the number of claims required for the year weight assignments are shown on the following pages.</p> |

COMMERCIAL AUTOMOBILE LIABILITY
FLOWCHART TO DETERMINE
YEAR WEIGHTS AND
EXPERIENCE PERIOD CREDIBILITY

Step 1: Determine Number of Years to be used and Year Weights

1. Add latest 2 years of claims and divide by 2 to determine the 2 year average.
2. If 2 year Avg. claims $\geq 11,500$,
Then use 2 years of experience and assign 70/30 weights.
3. Add latest 3 years of claims and divide by 3 to determine the 3 year average.
4. If 3 year Avg. claims $\geq 1,380$,
Then use 3 years of experience and assign 50/30/20 weights.
5. If 3 year Avg. claims $< 1,380$,
Then use 5 years of experience and assign 30/25/20/15/10 weights.

Step 2: Determine the Experience Period Credibility

Calculate partial credibility based on the total number of claims for the number of years used in the review as determined from Step 1.

COMMERCIAL AUTOMOBILE PIP
FLOWCHART TO DETERMINE
YEAR WEIGHTS AND
EXPERIENCE PERIOD CREDIBILITY

TRUCKS, TRACTORS, & TRAILERS AND PRIVATE PASSENGER TYPES

Step 1: Determine Number of Years to be used and Year Weights

1. Add latest 2 years of claims and divide by 2 to determine the 2 year average.
2. If 2 year Avg. claims $\geq 2,000$,
Then use 2 years of experience and assign 70/30 weights.
3. Add latest 3 years of claims and divide by 3 to determine the 3 year average.
4. If 3 year Avg. claims ≥ 225 ,
Then use 3 years of experience and assign 50/30/20 weights.
5. If 3 year Avg. claims < 225 ,
Then use 5 years of experience and assign 30/25/20/15/10 weights.

Step 2: Determine the Experience Period Credibility

Calculate partial credibility based on the total number of claims for the number of years used in the review as determined from Step 1.

COMMERCIAL AUTOMOBILE PHYSICAL DAMAGE

FLOWCHART TO DETERMINE
YEAR WEIGHTS AND
EXPERIENCE PERIOD CREDIBILITY

Step 1: Determine Number of Years to be used and Year Weights

1. Add latest 2 years of claims and divide by 2 to determine the 2 year average.
2. If 2 year Avg. claims \geq Full Standard,
Then use 2 years of experience and assign 70/30 weights.
3. Add latest 3 years of claims and divide by 3 to determine the 3 year average.
4. If 3 year Avg. claims \geq Intermediate Threshold,
Then use 3 years of experience and assign 50/30/20 weights.
5. If 3 year Avg. claims $<$ Intermediate Threshold,
Then use 5 years of experience and assign 30/25/20/15/10 weights.

Step 2: Determine the Experience Period Credibility

Calculate partial credibility based on the total number of claims for the number of years used in the review as determined from Step 1.

| <u>Coverage</u> | <u>Intermediate Threshold</u> | <u>Full Standard</u> |
|---------------------------------------|-------------------------------|----------------------|
| Trucks, Tractors & Trailers OTC | 1,350 | 11,000 |
| Trucks, Tractors & Trailers Collision | 550 | 4,500 |
| Private Passenger Types OTC | 1,050 | 8,500 |
| Private Passenger Types Collision | 450 | 3,500 |

Tables For Use With Trend Data

| Bodily Injury | | | | Property Damage | | | |
|-------------------------|---|----------|--------------|-------------------------|---|----------|--------------|
| <u>Number of Claims</u> | | | <u>Cred.</u> | <u>Number of Claims</u> | | | <u>Cred.</u> |
| 0 | - | 641 | 0.00 | 0 | - | 256 | 0.00 |
| 642 | - | 2027 | 0.05 | 257 | - | 810 | 0.05 |
| 2028 | - | 3571 | 0.10 | 811 | - | 1428 | 0.10 |
| 3572 | - | 5303 | 0.15 | 1429 | - | 2121 | 0.15 |
| 5304 | - | 7258 | 0.20 | 2122 | - | 2903 | 0.20 |
| 7259 | - | 9482 | 0.25 | 2904 | - | 3793 | 0.25 |
| 9483 | - | 12037 | 0.30 | 3794 | - | 4814 | 0.30 |
| 12038 | - | 14999 | 0.35 | 4815 | - | 5999 | 0.35 |
| 15000 | - | 18478 | 0.40 | 6000 | - | 7391 | 0.40 |
| 18479 | - | 22619 | 0.45 | 7392 | - | 9047 | 0.45 |
| 22620 | - | 27631 | 0.50 | 9048 | - | 11052 | 0.50 |
| 27632 | - | 33823 | 0.55 | 11053 | - | 13529 | 0.55 |
| 33824 | - | 41666 | 0.60 | 13530 | - | 16666 | 0.60 |
| 41667 | - | 51923 | 0.65 | 16667 | - | 20769 | 0.65 |
| 51924 | - | 65909 | 0.70 | 20770 | - | 26363 | 0.70 |
| 65910 | - | 86111 | 0.75 | 26364 | - | 34444 | 0.75 |
| 86112 | - | 117857 | 0.80 | 34445 | - | 47142 | 0.80 |
| 117858 | - | 174999 | 0.85 | 47143 | - | 69999 | 0.85 |
| 175000 | - | 308333 | 0.90 | 70000 | - | 123333 | 0.90 |
| 308334 | - | 974999 | 0.95 | 123334 | - | 389999 | 0.95 |
| 975000 | - | and over | 1.00 | 390000 | - | and over | 1.00 |

K = 25,000

K = 10,000

CREDIBILITY FORMULA = (# CLAIMS)/(# CLAIMS + K)

ALL LIABILITY COVERAGES
CREDIBILITY TABLE
NUMBER OF CLAIMS

| <u>Credibility</u> | | | |
|--------------------|--------|---|--------|
| 0.00* | 0 | - | 28 |
| 0.05 | 29 | - | 114 |
| 0.10 | 115 | - | 258 |
| 0.15 | 259 | - | 459 |
| 0.20 | 460 | - | 718 |
| 0.25 | 719 | - | 1,034 |
| 0.30 | 1035 | - | 1,408 |
| 0.35 | 1,409 | - | 1,839 |
| 0.40 | 1,840 | - | 2,328 |
| 0.45 | 2,329 | - | 2,874 |
| 0.50 | 2,875 | - | 3,478 |
| 0.55 | 3,479 | - | 4,139 |
| 0.60 | 4,140 | - | 4,858 |
| 0.65 | 4,859 | - | 5,634 |
| 0.70 | 5,635 | - | 6,468 |
| 0.75 | 6,469 | - | 7,359 |
| 0.80 | 7,360 | - | 8,308 |
| 0.85 | 8,309 | - | 9,314 |
| 0.90 | 9,315 | - | 10,378 |
| 0.95 | 10,379 | - | 11,499 |
| 1.00 | | > | 11,499 |

The credibility for the loss cost level ratio is determined by the total number of claims for the total number of years of experience used in the review.

*The credibility underlying the calculation of the statewide indication is subject to a minimum of 5% given that there is at least one claim in the experience period.

PERSONAL INJURY PROTECTION
CREDIBILITY TABLES
NUMBER OF CLAIMS

| <u>Credibility</u> | <u>Trucks, Tractors & Trailers and Private Pass Types</u> | | |
|--------------------|---|---|-------|
| *0.00 | 0 | - | 4 |
| 0.05 | 5 | - | 19 |
| 0.10 | 20 | - | 44 |
| 0.15 | 45 | - | 79 |
| 0.20 | 80 | - | 124 |
| 0.25 | 125 | - | 179 |
| 0.30 | 180 | - | 244 |
| 0.35 | 245 | - | 319 |
| 0.40 | 320 | - | 404 |
| 0.45 | 405 | - | 499 |
| 0.50 | 500 | - | 604 |
| 0.55 | 605 | - | 719 |
| 0.60 | 720 | - | 844 |
| 0.65 | 845 | - | 979 |
| 0.70 | 980 | - | 1,124 |
| 0.75 | 1,125 | - | 1,279 |
| 0.80 | 1,280 | - | 1,444 |
| 0.85 | 1,445 | - | 1,619 |
| 0.90 | 1,620 | - | 1,804 |
| 0.95 | 1,805 | - | 1,999 |
| 1.00 | | > | 1,999 |

The credibility for the loss cost level ratio is determined by the total number of claims for the total number of years of experience used in the review.

*The credibility underlying the calculation of the statewide indication is subject to a minimum of 5% given that there is at least one claim in the experience period

PHYSICAL DAMAGE
CREDIBILITY TABLES
NUMBER OF CLAIMS

OTHER THAN COLLISION

| <u>Cred</u> | <u>Trucks, Tractors & Trailers</u> | | | <u>Private Passenger Types</u> | | |
|-------------|--|---|--------|--------------------------------|---|-------|
| 0.00* | 0 | - | 27 | 0 | - | 21 |
| 0.05 | 28 | - | 109 | 22 | - | 84 |
| 0.10 | 110 | - | 247 | 85 | - | 191 |
| 0.15 | 248 | - | 439 | 192 | - | 339 |
| 0.20 | 440 | - | 687 | 340 | - | 531 |
| 0.25 | 688 | - | 989 | 532 | - | 764 |
| 0.30 | 990 | - | 1,347 | 765 | - | 1,041 |
| 0.35 | 1,348 | - | 1,759 | 1,042 | - | 1,359 |
| 0.40 | 1,760 | - | 2,227 | 1,360 | - | 1,721 |
| 0.45 | 2,228 | - | 2,749 | 1,722 | - | 2,124 |
| 0.50 | 2,750 | - | 3,327 | 2,125 | - | 2,571 |
| 0.55 | 3,328 | - | 3,959 | 2,572 | - | 3,059 |
| 0.60 | 3,960 | - | 4,647 | 3,060 | - | 3,591 |
| 0.65 | 4,648 | - | 5,389 | 3,592 | - | 4,164 |
| 0.70 | 5,390 | - | 6,187 | 4,165 | - | 4,781 |
| 0.75 | 6,188 | - | 7,039 | 4,782 | - | 5,439 |
| 0.80 | 7,040 | - | 7,947 | 5,440 | - | 6,141 |
| 0.85 | 7,948 | - | 8,909 | 6,142 | - | 6,884 |
| 0.90 | 8,910 | - | 9,927 | 6,885 | - | 7,671 |
| 0.95 | 9,928 | - | 10,999 | 7,672 | - | 8,499 |
| 1.00 | | > | 10,999 | | > | 8,499 |

COLLISION

| <u>Cred</u> | <u>Trucks, Tractors & Trailers</u> | | | <u>Private Passenger Types</u> | | |
|-------------|--|---|-------|--------------------------------|---|-------|
| 0.00* | 0 | - | 11 | 0 | - | 8 |
| 0.05 | 12 | - | 44 | 9 | - | 34 |
| 0.10 | 45 | - | 101 | 35 | - | 78 |
| 0.15 | 102 | - | 179 | 79 | - | 139 |
| 0.20 | 180 | - | 281 | 140 | - | 218 |
| 0.25 | 282 | - | 404 | 219 | - | 314 |
| 0.30 | 405 | - | 551 | 315 | - | 428 |
| 0.35 | 552 | - | 719 | 429 | - | 559 |
| 0.40 | 720 | - | 911 | 560 | - | 708 |
| 0.45 | 912 | - | 1,124 | 709 | - | 874 |
| 0.50 | 1,125 | - | 1,361 | 875 | - | 1,058 |
| 0.55 | 1,362 | - | 1,619 | 1,059 | - | 1,259 |
| 0.60 | 1,620 | - | 1,901 | 1,260 | - | 1,478 |
| 0.65 | 1,902 | - | 2,204 | 1,479 | - | 1,714 |
| 0.70 | 2,205 | - | 2,531 | 1,715 | - | 1,968 |
| 0.75 | 2,532 | - | 2,879 | 1,969 | - | 2,239 |
| 0.80 | 2,880 | - | 3,251 | 2,240 | - | 2,528 |
| 0.85 | 3,252 | - | 3,644 | 2,529 | - | 2,834 |
| 0.90 | 3,645 | - | 4,061 | 2,835 | - | 3,158 |
| 0.95 | 4,062 | - | 4,499 | 3,159 | - | 3,499 |
| 1.00 | | > | 4,499 | | > | 3,499 |

The credibility for loss cost level ratio is determined by the total number of claims for the total number of years of experience used in the review.

*The credibility underlying the calculation of the statewide indication is subject to a minimum of 5% given that there is at least one claim in the experience period.

KENTUCKY
CLAIMS PER TERRITORY
LIABILITY AND PIP

| Territory | Trucks, Tractors & Trailers Incurred Claims 5 Years Ending 12/31/2018 | | Private Passenger Types Incurred Claims 5 Years Ending 12/31/2018 | |
|-----------|--|-----|--|-----|
| | Combined BI and PD | PIP | Combined BI and PD | PIP |
| 101 | 3,331 | 221 | 792 | 102 |
| 102 | 807 | 45 | 225 | 30 |
| 103 | 1,311 | 70 | 387 | 45 |
| 104 | 237 | 13 | 45 | 13 |
| 105 | 185 | 21 | 36 | 4 |
| 106 | 1,152 | 108 | 204 | 41 |
| 107 | 428 | 18 | 90 | 13 |
| 109 | 1,081 | 83 | 189 | 30 |
| 110 | 362 | 23 | 68 | 16 |
| 112 | 1,039 | 80 | 331 | 57 |
| 113 | 173 | 10 | 24 | 6 |
| 114 | 333 | 22 | 45 | 8 |
| 115 | 146 | 9 | 40 | 4 |
| 116 | 684 | 21 | 127 | 9 |
| 117 | 803 | 65 | 212 | 28 |
| 118 | 661 | 53 | 140 | 27 |
| SW Total | 12,733 | 862 | 2,955 | 433 |

Claims for Trend

BI

PD

834

2,316

KENTUCKY
CLAIMS PER TERRITORY
PHYSICAL DAMAGE

| Territory | Trucks, Tractors & Trailers Paid Claims 5 Years Ending 12/31/2018 | | Private Passenger Types Paid Claims 5 Years Ending 12/31/2018 | |
|-----------|--|-------|--|-------|
| | OTC | Coll | OTC | Coll |
| 101 | 1,690 | 961 | 709 | 572 |
| 102 | 572 | 219 | 243 | 189 |
| 103 | 685 | 437 | 271 | 288 |
| 104 | 220 | 80 | 72 | 38 |
| 105 | 161 | 81 | 33 | 21 |
| 106 | 693 | 375 | 262 | 153 |
| 107 | 230 | 152 | 95 | 66 |
| 109 | 695 | 380 | 252 | 123 |
| 110 | 185 | 90 | 46 | 41 |
| 112 | 1,190 | 462 | 366 | 226 |
| 113 | 120 | 57 | 18 | 17 |
| 114 | 226 | 97 | 78 | 36 |
| 115 | 126 | 48 | 29 | 31 |
| 116 | 402 | 154 | 147 | 107 |
| 117 | 526 | 349 | 171 | 157 |
| 118 | 535 | 244 | 186 | 108 |
| SW Total | 8,256 | 4,186 | 2,978 | 2,173 |

WIND AND WATER PROCEDURE OTHER THAN COLLISION

OBJECTIVE

Other Than Collision losses which result from the perils of Wind and Water are relatively infrequent and do not affect each year similarly. While catastrophic incidents are rare, their impact on loss cost indications can be significant. The occurrence of a weather related catastrophe can result in a large positive indication, followed by an indicated decrease when the catastrophe leaves the experience period in subsequent reviews. This ultimately leads to loss cost instability.

In order to address this ratemaking problem, the Wind and Water procedure removes the Wind and Water losses that actually occur in a given year and replaces them with an expected Wind and Water provision, based on the state's long term history of Wind and Water losses. Due to the lower credibility of catastrophic loss experience, a longer experience period or a larger body of data is necessary to compensate.

DESCRIPTION OF WIND AND WATER ADJUSTMENT PROCEDURE

The Wind and Water procedure begins by comparing Wind and Water losses to non-Wind and Water losses for each year in the long term review period. Wind and Water losses have been separately identified as losses reported under the Commercial Statistical Plan (CSP) using Type of Loss (TOL) codes 06 and 07. A ratio of Wind and Water to non-Wind and Water losses is calculated for each year.

The long term 'normal' Wind and Water to non-Wind and Water ratio is determined by calculating the average of the Wind and Water to non-Wind and Water ratios for all years for which data is currently available.

The variation from the long term normal Wind and Water to non-Wind and Water ratio is then determined by calculating the difference between the normal ratio and the Wind and Water ratio for each year.

The loss adjustment required in order to bring each year of experience to a normal Wind and Water level is determined by applying the variation factor (column (5)) to the reported non-Wind and Water losses (column (3)).

The major steps of the procedure are shown in the Exhibits on the following pages.

WIND AND WATER PROCEDURE
OTHER THAN COLLISION
KENTUCKY

TRUCKS, TRACTORS, AND TRAILERS

| | (1) | (2) | (3) | (4) | (5) | (6) | (7) |
|----------------|-------------------------------|---------------------|---------------------------------|-----------------------------------|--------------------------------------|-------------------------------|----------------------------|
| | | | (2) - (1) | (1) / (3) | AVG (4) - (4) | (3) x (5) | (2) + (6) |
| YEAR ENDING | OTC WIND & WATER LOSSES | OTC TOTAL LOSSES | TOTAL - WIND&WATER LOSSES | WIND & WATER / NON (W&W) | VARIATION FROM AVG. WIND RATIO | WIND & WATER ADJUSTMENT | ADJ OTC TOTAL LOSSES |
| 1987 | 32,085 | 1,531,583 | 1,499,498 | 0.021 | 0.104 | 155,948 | 1,687,531 |
| 1988 | 43,186 | 1,486,683 | 1,443,497 | 0.030 | 0.095 | 137,132 | 1,623,815 |
| 1989 | 36,099 | 2,025,289 | 1,989,190 | 0.018 | 0.107 | 212,843 | 2,238,132 |
| 1990 | 155,297 | 1,821,175 | 1,665,878 | 0.093 | 0.032 | 53,308 | 1,874,483 |
| 1991 | 87,221 | 1,792,287 | 1,705,066 | 0.051 | 0.074 | 126,175 | 1,918,462 |
| 1992 | 61,020 | 1,961,013 | 1,899,993 | 0.032 | 0.093 | 176,699 | 2,137,712 |
| 1993 | 286,029 | 2,456,322 | 2,170,293 | 0.132 | -0.007 | -15,192 | 2,441,130 |
| 1994 | 55,551 | 2,872,356 | 2,816,805 | 0.020 | 0.105 | 295,765 | 3,168,121 |
| 1995 | 490,595 | 3,247,536 | 2,756,941 | 0.178 | -0.053 | -146,118 | 3,101,418 |
| 1996 | 460,360 | 3,497,750 | 3,037,390 | 0.152 | -0.027 | -82,010 | 3,415,740 |
| 1997 | 515,670 | 3,665,942 | 3,150,272 | 0.164 | -0.039 | -122,861 | 3,543,081 |
| 1998 | 2,305,480 | 6,398,428 | 4,092,948 | 0.563 | -0.438 | -1,792,711 | 4,605,717 |
| 1999 | 119,155 | 4,264,142 | 4,144,987 | 0.029 | 0.096 | 397,919 | 4,662,061 |
| 2000 | 227,286 | 4,125,680 | 3,898,394 | 0.058 | 0.067 | 261,192 | 4,386,872 |
| 2001 | 128,687 | 3,391,270 | 3,262,583 | 0.039 | 0.086 | 280,582 | 3,671,852 |
| 2002 | 1,031,348 | 3,458,994 | 2,427,646 | 0.425 | -0.300 | -728,294 | 2,730,700 |
| 2003 | 314,342 | 2,429,530 | 2,115,188 | 0.149 | -0.024 | -50,765 | 2,378,765 |
| 2004 | 145,296 | 1,820,556 | 1,675,260 | 0.087 | 0.038 | 63,660 | 1,884,216 |
| 2005 | 97,539 | 1,870,864 | 1,773,325 | 0.055 | 0.070 | 124,133 | 1,994,997 |
| 2006 | 281,227 | 1,847,567 | 1,566,340 | 0.180 | -0.055 | -86,149 | 1,761,418 |
| 2007 | 55,783 | 1,581,940 | 1,526,157 | 0.037 | 0.088 | 134,302 | 1,716,242 |
| 2008 | 207,232 | 1,852,977 | 1,645,745 | 0.126 | -0.001 | -1,646 | 1,851,331 |
| 2009 | 202,363 | 2,254,945 | 2,052,582 | 0.099 | 0.026 | 53,367 | 2,308,312 |
| 2010 | 150,612 | 2,117,278 | 1,966,666 | 0.077 | 0.048 | 94,400 | 2,211,678 |
| 2011 | 112,169 | 1,925,159 | 1,812,990 | 0.062 | 0.063 | 114,218 | 2,039,377 |
| 2012 | 901,458 | 2,921,894 | 2,020,436 | 0.446 | -0.321 | -648,560 | 2,273,334 |
| 2013 | 98,427 | 2,270,195 | 2,171,768 | 0.045 | 0.080 | 173,741 | 2,443,936 |
| 2014 | 147,931 | 2,395,839 | 2,247,908 | 0.066 | 0.059 | 132,627 | 2,528,466 |
| 2015 | 411,899 | 2,542,896 | 2,130,997 | 0.193 | -0.068 | -144,908 | 2,397,988 |
| 2016 | 415,204 | 3,200,139 | 2,784,935 | 0.149 | -0.024 | -66,838 | 3,133,301 |
| 2017 | 248,105 | 2,357,778 | 2,109,673 | 0.118 | 0.007 | 14,768 | 2,372,546 |
| 2018 | 325,515 | 3,240,973 | 2,915,458 | 0.112 | 0.013 | 37,901 | 3,278,874 |

(8) NORMAL WIND TO NON W&W RATIO= AVG. (4) 0.125

WIND AND WATER PROCEDURE
OTHER THAN COLLISION
KENTUCKY

PRIVATE PASSENGER TYPES

| | (1) | (2) | (3) | (4) | (5) | (6) | (7) |
|----------------|-------------------------------|---------------------|---------------------------------|-----------------------------------|--------------------------------------|-------------------------------|----------------------------|
| | | | (2) - (1) | (1) / (3) | AVG (4) - (4) | (3) x (5) | (2) + (6) |
| YEAR ENDING | OTC WIND & WATER LOSSES | OTC TOTAL LOSSES | TOTAL - WIND&WATER LOSSES | WIND & WATER / NON (W&W) | VARIATION FROM AVG. WIND RATIO | WIND & WATER ADJUSTMENT | ADJ OTC TOTAL LOSSES |
| 1987 | 43,513 | 676,256 | 632,743 | 0.069 | 0.143 | 90,482 | 766,738 |
| 1988 | 21,065 | 818,028 | 796,963 | 0.026 | 0.186 | 148,235 | 966,263 |
| 1989 | 70,771 | 900,194 | 829,423 | 0.085 | 0.127 | 105,337 | 1,005,531 |
| 1990 | 161,802 | 1,053,708 | 891,906 | 0.181 | 0.031 | 27,649 | 1,081,357 |
| 1991 | 66,702 | 1,003,055 | 936,353 | 0.071 | 0.141 | 132,026 | 1,135,081 |
| 1992 | 63,373 | 892,543 | 829,170 | 0.076 | 0.136 | 112,767 | 1,005,310 |
| 1993 | 447,242 | 1,501,350 | 1,054,108 | 0.424 | -0.212 | -223,471 | 1,277,879 |
| 1994 | 118,001 | 1,366,168 | 1,248,167 | 0.095 | 0.117 | 146,036 | 1,512,204 |
| 1995 | 359,152 | 1,468,500 | 1,109,348 | 0.324 | -0.112 | -124,247 | 1,344,253 |
| 1996 | 457,528 | 1,662,626 | 1,205,098 | 0.380 | -0.168 | -202,456 | 1,460,170 |
| 1997 | 361,976 | 1,804,880 | 1,442,904 | 0.251 | -0.039 | -56,273 | 1,748,607 |
| 1998 | 1,410,811 | 3,060,812 | 1,650,001 | 0.855 | -0.643 | -1,060,951 | 1,999,861 |
| 1999 | 104,774 | 1,158,127 | 1,053,353 | 0.099 | 0.113 | 119,029 | 1,277,156 |
| 2000 | 162,620 | 1,223,005 | 1,060,385 | 0.153 | 0.059 | 62,563 | 1,285,568 |
| 2001 | 92,195 | 1,094,350 | 1,002,155 | 0.092 | 0.120 | 120,259 | 1,214,609 |
| 2002 | 352,813 | 1,220,208 | 867,395 | 0.407 | -0.195 | -169,142 | 1,051,066 |
| 2003 | 220,617 | 997,153 | 776,536 | 0.284 | -0.072 | -55,911 | 941,242 |
| 2004 | 101,779 | 646,007 | 544,228 | 0.187 | 0.025 | 13,606 | 659,613 |
| 2005 | 60,188 | 514,927 | 454,739 | 0.132 | 0.080 | 36,379 | 551,306 |
| 2006 | 129,549 | 583,091 | 453,542 | 0.286 | -0.074 | -33,562 | 549,529 |
| 2007 | 21,664 | 469,843 | 448,179 | 0.048 | 0.164 | 73,501 | 543,344 |
| 2008 | 111,480 | 615,696 | 504,216 | 0.221 | -0.009 | -4,538 | 611,158 |
| 2009 | 221,651 | 1,192,491 | 970,840 | 0.228 | -0.016 | -15,533 | 1,176,958 |
| 2010 | 38,570 | 631,585 | 593,015 | 0.065 | 0.147 | 87,173 | 718,758 |
| 2011 | 138,904 | 989,163 | 850,259 | 0.163 | 0.049 | 41,663 | 1,030,826 |
| 2012 | 705,565 | 1,529,635 | 824,070 | 0.856 | -0.644 | -530,701 | 998,934 |
| 2013 | 25,154 | 581,481 | 556,327 | 0.045 | 0.167 | 92,907 | 674,388 |
| 2014 | 55,320 | 868,543 | 813,223 | 0.068 | 0.144 | 117,104 | 985,647 |
| 2015 | 160,557 | 846,522 | 685,965 | 0.234 | -0.022 | -15,091 | 831,431 |
| 2016 | 108,774 | 941,426 | 832,652 | 0.131 | 0.081 | 67,445 | 1,008,871 |
| 2017 | 103,685 | 756,486 | 652,801 | 0.159 | 0.053 | 34,598 | 791,084 |
| 2018 | 60,651 | 751,689 | 691,038 | 0.088 | 0.124 | 85,689 | 837,378 |

(8) NORMAL WIND TO NON W&W RATIO= AVG. (4) 0.212

EXPLANATORY MEMORANDUM FOR WIND AND WATER PROCEDURE

| | |
|--|---|
| COLUMN (1) OTC WIND AND WATER LOSSES | Dollar amount of Other Than Collision losses resulting from the perils of Wind and Water (Type of Loss Codes 06 & 07). |
| COLUMN (2) OTC TOTAL LOSSES | Dollar amount of Other Than Collision losses resulting from all perils. |
| COLUMN (3) OTC LOSSES OTHER THAN WIND AND WATER | Dollar amount of Other Than Collision losses resulting from all perils other than Wind and Water. $\text{Column (2)} - \text{Column (1)}$. |
| COLUMN (4) WIND AND WATER TO NON-WIND AND WATER RATIO | Ratio of Wind and Water losses to Non-Wind and Water losses. $\text{Column (1)} \div \text{Column (3)}$ |
| COLUMN (5) VARIATION FROM AVERAGE WIND RATIO | Variation from the long term average Wind and Water to non-Wind and Water ratio. $\text{Avg (4)} - \text{Column (4)}$. |
| COLUMN (6) WIND AND WATER ADJUSTMENT | Wind and Water loss adjustment to bring experience to average Wind and Water level. $\text{Column (3)} * \text{Column (5)}$. |
| COLUMN (7) ADJUSTED OTC TOTAL LOSSES | $\text{Column (2)} + \text{Column (6)}$. |

TERRITORIAL WIND AND WATER PROCEDURE OTHER THAN COLLISION

OBJECTIVE

The statewide Wind and Water procedure removes the actual Wind and Water losses that occur in a given year and replaces them with an expected Wind and Water provision. The territorial excess Wind and Water procedure distributes the statewide expected Wind and Water loss provision to the individual territories in proportion to each territory's long-term Wind and Water loss experience.

DESCRIPTION OF TERRITORIAL WIND AND WATER PROCEDURE

The first step is to calculate long term Wind and Water to non-Wind and Water ratios by territory. The earliest year of historical Wind and Water experience available for Commercial Auto is 1987. As a new year becomes available, it is added to the procedure. For each year, the territorial ratios are calculated as Wind and Water losses divided by non-Wind and Water losses. An average is then taken of all the ratios for each territory to get the long term Wind and Water to non-Wind and Water ratio.

One potential problem with the average ratios is that a high Wind and Water ratio for one year can distort the average ratio for that territory. To mitigate the effect of unusually large ratios, the ratios are capped at 10 times the statewide median of the Wind and Water ratios before calculating the average. (The statewide median ratio is subject to a minimum value of 0.05.)

The territorial capped average Wind and Water ratios are multiplied by the latest 5 years non-Wind and Water losses for each territory to get the territorial expected Wind and Water losses. The territorial expected Wind and Water losses are divided by the statewide total expected Wind and Water losses to get the territorial expected Wind and Water distribution.

The statewide wind provision is calculated for each year from the statewide procedure by subtracting the non-Wind and Water losses from the total adjusted losses. The individual territorial Wind and Water provisions are then calculated by distributing the statewide wind provision to the territories based on the expected Wind and Water distribution.

Territorial adjusted total losses = territorial Wind and Water provision + territorial non-Wind and Water losses

Because the actual Wind and Water losses are replaced with an expected Wind and Water provision, the number of Wind and Water claims must be adjusted. The territorial Wind and Water provision is divided by the territory's average Wind and Water claim cost to produce the adjusted number of Wind and Water claims. The adjusted Wind and Water claims are added to the non-Wind and Water claims, resulting in the total adjusted claims.

A sample of the territory Wind and Water procedure is shown on the following page.

METHODOLOGY FOR CALCULATING 'WIND & WATER PROVISIONS' BY TERRITORY

In order to develop 'Wind and Water Provisions' by territory, the statewide provision is distributed using each territory's 'expected' wind and water losses. This procedure is illustrated in the following example:

| Territory | (1) Long-Term Capped* Ratio of Wind & Water to Non-Wind & Water Losses | (2) Non-Wind & Water Losses for Latest Five Years | (3) 'Expected' Wind & Water Losses for Latest Five Years (1) x (2) | (4) 'Expected' Wind & Water Distribution (3) / Total (3) |
|-----------|---|--|---|--|
| A | .250 | 500,000 | 125,000 | .500 |
| B | .750 | 100,000 | 75,000 | .300 |
| C | .200 | 250,000 | 50,000 | .200 |

| Territory | (5) Statewide Wind Provision for Year 20XX ** | (6) Territory Wind Provision for Year 20XX (4) x (5) | (7) Non-Wind & Water Losses for Year 20XX | (8) Adjusted Total Losses for Year 20XX (6) + (7) |
|-----------|--|--|--|---|
| A | | 50,000 | 150,000 | 200,000 |
| B | | 30,000 | 50,000 | 80,000 |
| C | | 20,000 | 80,000 | 100,000 |
| | 100,000 | | | |

| Territory | (9) Non-Wind & Water Claims for Year 20XX | (10) Five-Year Average Wind & Water Claim Cost | (11) Adjusted Wind & Water Claims for Year 20XX (6) / (10) | (12) Total Adjusted Claims for Year 20XX (9) + (11) |
|-----------|--|--|--|---|
| A | 200 | 500 | 100 | 300 |
| B | 100 | 400 | 75 | 175 |
| C | 150 | 400 | 50 | 200 |

* Average of yearly capped ratios of wind & water to non-wind & water losses, based on territory experience capped at 10 times the statewide median wind & water to non-wind & water ratio. The statewide median ratio is subject to a minimum value of 0.05.

** The Statewide Wind Provision for year 20XX = Total Adjusted Losses for Year 20XX - Non-Wind & Water Losses for Year 20XX

INSURANCE SERVICES OFFICE, INC.

KENTUCKY
COMMERCIAL AUTOMOBILE INSURANCE

SUMMARY OF PROSPECTIVE LOSS COST LEVEL CHANGES
STATEWIDE LOSS COST LEVEL CHANGES (A)

| Coverages | Aggregate Loss Cost at Current Level (B) | Loss Cost Changes (C) |
|--|---|--------------------------|
| TRUCKS, TRACTORS & TRAILERS (D) | | |
| Liability | | |
| Single Limit Liability | \$ 51,003,668 | 4.7% |
| Personal Injury Protection | 1,093,926 | -7.2% |
| Combined | 52,097,594 | 4.5% |
| Physical Damage | | |
| Other Than Collision | 3,980,003 | 8.8% |
| Collision | 9,787,746 | -5.0% |
| Combined | 13,767,749 | -1.0% |
| Total Trucks, Tractors & Trailers | 65,865,343 | 3.3% |
| PRIVATE PASSENGER TYPES | | |
| Liability | | |
| Single Limit Liability | 9,393,770 | N.C. |
| Personal Injury Protection | 485,246 | N.C. |
| Combined | 9,879,016 | N.C. |
| Physical Damage | | |
| Other Than Collision | 1,222,274 | 3.1% |
| Collision | 2,612,788 | -3.4% |
| Combined | 3,835,062 | -1.3% |
| Total Private Passenger Types | 13,714,078 | -0.4% |
| GRAND TOTAL ALL COVERAGES | 79,579,421 | 2.7% |
| TOTAL LIABILITY | 61,976,610 | 3.7% |
| TOTAL PHYSICAL DAMAGE | 17,602,811 | -1.1% |

(A) An implementation date of 09/01/2020 is assumed for purposes of trending.

(B) Accident Year ending 12/31/2018 Aggregate Loss Cost at Current Level for all coverages. The Liability loss costs are on a Total Limits basis.

(C) Loss Cost changes are calculated on a \$100,000 CSL Basic Limits basis for Liability and on an all deductibles combined basis for Physical Damage.

(D) For Liability, Personal Injury Protection and Physical Damage, classes related to Trucks, Tractors & Trailers, such as the Public Automobile classes, are impacted by the Trucks, Tractors & Trailers loss cost level changes.

INSURANCE SERVICES OFFICE, INC.

KENTUCKY
COMMERCIAL AUTOMOBILE INSURANCE

REVISED PROSPECTIVE LOSS COSTS AND PERCENTAGE CHANGES
TERRITORY LOSS COST LEVEL CHANGES

FOR TRUCKS, TRACTORS, AND TRAILERS POLICY COVERAGES

| Territory Code | \$100,000 CSL Liability | \$500 Med Pay | PIP |
|-------------------|----------------------------|------------------|--------|
| 101 | 6.7% | 50.0% | 0.0% |
| 102 | 3.1% | 0.0% | -6.7% |
| 103 | 1.2% | 0.0% | -7.4% |
| 104 | 2.3% | 0.0% | -11.8% |
| 105 | 3.0% | 0.0% | 6.3% |
| 106 | 4.3% | 0.0% | -13.3% |
| 107 | 7.4% | 0.0% | -6.7% |
| 109 | 8.9% | 0.0% | -5.0% |
| 110 | 8.6% | 100.0% | -9.5% |
| 112 | 2.5% | 0.0% | -12.5% |
| 113 | 4.9% | 0.0% | -12.0% |
| 114 | 4.0% | 0.0% | -6.3% |
| 115 | 4.8% | 0.0% | -5.0% |
| 116 | 4.0% | 0.0% | -11.1% |
| 117 | 3.1% | 0.0% | -4.5% |
| 118 | 2.2% | 0.0% | -5.6% |

INSURANCE SERVICES OFFICE, INC.

KENTUCKY
COMMERCIAL AUTOMOBILE INSURANCE

REVISED PROSPECTIVE LOSS COSTS AND PERCENTAGE CHANGES
TERRITORY LOSS COST LEVEL CHANGES

FOR TRUCKS, TRACTORS, AND TRAILERS POLICY COVERAGES

| Territory Code | Physical Damage | | Specified Causes of Loss |
|-------------------|-----------------|-----------|-----------------------------|
| | Comprehensive | Collision | |
| 101 | 10.3% | -3.9% | 11.3% |
| 102 | 5.2% | -5.8% | 5.5% |
| 103 | 7.8% | -6.9% | 6.9% |
| 104 | 6.4% | -7.3% | 6.3% |
| 105 | 7.7% | -2.4% | 6.8% |
| 106 | 3.8% | -6.9% | 4.0% |
| 107 | 6.0% | -3.4% | 6.1% |
| 109 | 12.3% | -1.5% | 12.5% |
| 110 | 11.2% | -4.0% | 11.3% |
| 112 | 7.1% | -7.8% | 7.3% |
| 113 | 10.8% | -2.1% | 10.3% |
| 114 | 7.9% | -4.1% | 8.8% |
| 115 | 7.9% | -7.0% | 6.9% |
| 116 | 3.1% | -6.8% | 2.8% |
| 117 | 14.7% (a) | -2.6% | 13.8% |
| 118 | 12.2% | -4.2% | 13.0% |

(a) The Trucks, Tractors & Trailers Comprehensive loss cost level change for territory 117 was capped for stability.

INSURANCE SERVICES OFFICE, INC.

KENTUCKY
COMMERCIAL AUTOMOBILE INSURANCE

REVISED PROSPECTIVE LOSS COSTS AND PERCENTAGE CHANGES
REVISED BASE LOSS COSTS BY TERRITORY

FOR TRUCKS, TRACTORS, AND TRAILERS POLICY COVERAGES

| Territory Code | [C] Liability \$100,000 CSL | \$500 Med Pay (a) | PIP | Physical Damage | | Specified Causes of Loss (d) |
|-------------------|-----------------------------------|----------------------|-----|-------------------|---------------|---------------------------------|
| | | | | Comprehensive (b) | Collision (c) | |
| 101 | 528 | 3 | 29 | 139 | 224 | 79 |
| 102 | 302 | 1 | 14 | 102 | 163 | 58 |
| 103 | 410 | 2 | 25 | 110 | 215 | 62 |
| 104 | 263 | 1 | 15 | 149 | 178 | 84 |
| 105 | 275 | 1 | 17 | 112 | 243 | 63 |
| 106 | 337 | 2 | 26 | 138 | 255 | 78 |
| 107 | 277 | 1 | 14 | 124 | 228 | 70 |
| 109 | 256 | 1 | 19 | 128 | 202 | 72 |
| 110 | 304 | 2 | 19 | 139 | 190 | 79 |
| 112 | 202 | 1 | 14 | 182 | 202 | 103 |
| 113 | 365 | 2 | 22 | 133 | 191 | 75 |
| 114 | 289 | 1 | 15 | 109 | 185 | 62 |
| 115 | 263 | 1 | 19 | 137 | 172 | 77 |
| 116 | 339 | 2 | 16 | 131 | 178 | 74 |
| 117 | 329 | 2 | 21 | 117 (e) | 226 | 66 |
| 118 | 233 | 1 | 17 | 138 | 207 | 78 |

(a) The loss costs for medical payments have been calculated by a relativity of 0.0043 to the Trucks, Tractors, and Trailers CSL Liability in category [A] loss costs.

(b) Comprehensive base loss cost is the \$15,001-20,000 OCN, age 1, \$500 deductible loss cost.

(c) Collision base loss cost is the \$15,001-20,000 OCN, age 1, \$500 deductible loss cost.

(d) The loss costs for Specified Causes of Loss have been calculated by a relativity of 0.565 to the Trucks, Tractors, and Trailers Comprehensive base loss costs.

(e) The Trucks, Tractors & Trailers Comprehensive loss cost for territory 117 was capped for stability.

INSURANCE SERVICES OFFICE, INC.

KENTUCKY
COMMERCIAL AUTOMOBILE INSURANCE

REVISED PROSPECTIVE LOSS COSTS AND PERCENTAGE CHANGES
TERRITORY LOSS COST LEVEL CHANGES

FOR PRIVATE PASSENGER TYPES POLICY COVERAGES

| Territory Code | \$100,000 CSL Liability (a) | \$500 Med Pay (a) | PIP (b) |
|-------------------|--------------------------------|----------------------|---------|
| 101 | | | |
| 102 | | | |
| 103 | | | |
| 104 | | | |
| 105 | | | |
| 106 | | | |
| 107 | | | |
| 109 | | | |
| 110 | | | |
| 112 | | | |
| 113 | | | |
| 114 | | | |
| 115 | | | |
| 116 | | | |
| 117 | | | |
| 118 | | | |

(a) For Private Passenger Types Liability, No Change (N.C.) was selected due to the modest indication.

(b) For Private Passenger Types PIP, No Change (N.C.) was selected due to the modest indication.

INSURANCE SERVICES OFFICE, INC.

KENTUCKY
COMMERCIAL AUTOMOBILE INSURANCE

REVISED PROSPECTIVE LOSS COSTS AND PERCENTAGE CHANGES
TERRITORY LOSS COST LEVEL CHANGES

FOR PRIVATE PASSENGER TYPES POLICY COVERAGES

| Territory Code | Physical Damage | | Specified Causes of Loss (a) |
|-------------------|-----------------|-----------|---------------------------------|
| | Comprehensive | Collision | |
| 101 | 0.0% | -6.2% | |
| 102 | 5.7% | -1.5% | |
| 103 | 3.9% | 1.4% | |
| 104 | 1.2% | -6.2% | |
| 105 | 3.9% | -4.5% | |
| 106 | 5.8% | -6.5% | |
| 107 | -0.8% | -4.9% | |
| 109 | 5.0% | -4.6% | |
| 110 | 0.6% | -2.9% | |
| 112 | 3.6% | 2.4% | |
| 113 | 3.1% | -4.4% | |
| 114 | 7.5% | -3.2% | |
| 115 | 1.7% | -2.5% | |
| 116 | 2.3% | -3.8% | |
| 117 | 1.3% | -2.0% | |
| 118 | 7.5% | -6.6% | |

- (a) This filing introduces a loss cost for Specified Causes of Loss coverage for Private Passenger Types vehicles, so there is no loss cost level change to list.

INSURANCE SERVICES OFFICE, INC.

KENTUCKY
COMMERCIAL AUTOMOBILE INSURANCE

REVISED PROSPECTIVE LOSS COSTS AND PERCENTAGE CHANGES
REVISED BASE LOSS COSTS BY TERRITORY

FOR PRIVATE PASSENGER TYPES POLICY COVERAGES

| Territory | [C] Liability | \$500 | | Physical Damage | | Specified Causes |
|-----------|------------------|-------------|-----|-------------------|---------------|------------------|
| Code | \$100,000 CSL | Med Pay (a) | PIP | Comprehensive (b) | Collision (c) | of Loss (d) |
| 101 | 420 | 3 | 44 | 105 | 305 | 59 |
| 102 | 270 | 2 | 27 | 92 | 261 | 52 |
| 103 | 362 | 3 | 36 | 80 | 285 | 45 |
| 104 | 257 | 2 | 30 | 172 | 242 | 97 |
| 105 | 327 | 2 | 32 | 80 | 232 | 45 |
| 106 | 316 | 2 | 52 | 91 | 230 | 51 |
| 107 | 289 | 2 | 28 | 124 | 233 | 70 |
| 109 | 279 | 2 | 33 | 127 | 269 | 72 |
| 110 | 274 | 2 | 47 | 163 | 265 | 92 |
| 112 | 233 | 2 | 32 | 145 | 254 | 82 |
| 113 | 321 | 2 | 56 | 100 | 237 | 57 |
| 114 | 296 | 2 | 47 | 100 | 244 | 57 |
| 115 | 301 | 2 | 57 | 117 | 276 | 66 |
| 116 | 244 | 2 | 26 | 90 | 305 | 51 |
| 117 | 258 | 2 | 36 | 81 | 296 | 46 |
| 118 | 299 | 2 | 38 | 100 | 254 | 57 |

(a) The loss costs for medical payments have been calculated by a relativity of 0.0063 to the Private Passenger Types CSL Liability in category [A] loss costs.

(a) Comprehensive base loss cost is the \$15,001-20,000 OCN, age 1, \$500 deductible loss cost.

(b) Collision base loss cost is the \$15,001-20,000 OCN, age 1, \$500 deductible loss cost.

(d) The loss costs for Specified Causes of Loss have been calculated by a relativity of 0.565 to the Private Passenger Types Comprehensive base loss costs.

INSURANCE SERVICES OFFICE, INC.

KENTUCKY
COMMERCIAL AUTOMOBILE INSURANCE

REVISED PROSPECTIVE LOSS COSTS AND PERCENTAGE CHANGES
TERRITORY LOSS COST LEVEL CHANGES

FOR VAN POOLS POLICY COVERAGES

| Territory Code | \$100,000 CSL Liability | \$500 Med Pay | PIP |
|-------------------|----------------------------|------------------|--------|
| 101 | 6.6% | 0.0% | 0.0% |
| 102 | 3.0% | 0.0% | -7.7% |
| 103 | 1.2% | 20.0% | -8.7% |
| 104 | 2.3% | 33.3% | -7.1% |
| 105 | 3.0% | 0.0% | 7.7% |
| 106 | 4.3% | 25.0% | -12.0% |
| 107 | 7.5% | 33.3% | -7.7% |
| 109 | 8.8% | 0.0% | -5.9% |
| 110 | 8.6% | 0.0% | -11.1% |
| 112 | 2.4% | 0.0% | -7.7% |
| 113 | 5.0% | 0.0% | -14.3% |
| 114 | 4.1% | 0.0% | 0.0% |
| 115 | 4.8% | 33.3% | -5.9% |
| 116 | 4.1% | 25.0% | -13.3% |
| 117 | 3.1% | 0.0% | 0.0% |
| 118 | 2.3% | 0.0% | -6.7% |

INSURANCE SERVICES OFFICE, INC.

KENTUCKY
COMMERCIAL AUTOMOBILE INSURANCE

REVISED PROSPECTIVE LOSS COSTS AND PERCENTAGE CHANGES
TERRITORY LOSS COST LEVEL CHANGES

FOR VAN POOLS POLICY COVERAGES

| Territory Code | Physical Damage | | Specified Causes of Loss |
|-------------------|-----------------|-----------|-----------------------------|
| | Comprehensive | Collision | |
| 101 | 10.1% | -4.1% | 12.5% |
| 102 | 5.1% | -5.9% | 5.4% |
| 103 | 7.7% | -6.8% | 6.8% |
| 104 | 6.3% | -7.4% | 6.2% |
| 105 | 7.5% | -2.2% | 6.7% |
| 106 | 3.7% | -6.9% | 3.9% |
| 107 | 5.9% | -3.3% | 6.0% |
| 109 | 12.9% | -1.2% | 12.3% |
| 110 | 10.9% | -4.0% | 12.5% |
| 112 | 7.5% | -7.6% | 7.1% |
| 113 | 11.5% | -2.0% | 11.6% |
| 114 | 7.8% | -4.1% | 8.6% |
| 115 | 7.7% | -7.2% | 8.2% |
| 116 | 3.1% | -7.0% | 2.7% |
| 117 | 14.4% | -2.7% | 13.6% |
| 118 | 12.8% | -4.0% | 14.3% |

INSURANCE SERVICES OFFICE, INC.

KENTUCKY
COMMERCIAL AUTOMOBILE INSURANCE

REVISED PROSPECTIVE LOSS COSTS AND PERCENTAGE CHANGES
REVISED BASE LOSS COSTS BY TERRITORY

FOR VAN POOLS POLICY COVERAGES

| Territory | [C] Liability | \$500 | | Physical Damage | | Specified Causes |
|-----------|-------------------|-------------|---------|-------------------|---------------|------------------|
| Code | \$100,000 CSL (a) | Med Pay (b) | PIP (c) | Comprehensive (d) | Collision (e) | of Loss (f) |
| 101 | 792 | 7 | 24 | 142 | 284 | 81 |
| 102 | 453 | 4 | 12 | 104 | 207 | 59 |
| 103 | 615 | 6 | 21 | 112 | 273 | 63 |
| 104 | 395 | 4 | 13 | 152 | 226 | 86 |
| 105 | 413 | 4 | 14 | 114 | 309 | 64 |
| 106 | 506 | 5 | 22 | 141 | 324 | 80 |
| 107 | 416 | 4 | 12 | 126 | 290 | 71 |
| 109 | 384 | 3 | 16 | 131 | 257 | 73 |
| 110 | 456 | 4 | 16 | 142 | 241 | 81 |
| 112 | 303 | 3 | 12 | 186 | 257 | 105 |
| 113 | 548 | 5 | 18 | 136 | 243 | 77 |
| 114 | 434 | 4 | 13 | 111 | 235 | 63 |
| 115 | 395 | 4 | 16 | 140 | 218 | 79 |
| 116 | 509 | 5 | 13 | 134 | 226 | 75 |
| 117 | 494 | 4 | 18 | 119 | 287 | 67 |
| 118 | 350 | 3 | 14 | 141 | 263 | 80 |

- (a) The loss costs for Van Pools have been calculated by a relativity of 1.50 to the Trucks, Tractors, and Trailers CSL Liability loss costs.
- (b) The loss costs for medical payments have been calculated by a relativity of 0.0078 to the Van Pools CSL Liability in category [A] loss costs.
- (c) The loss costs for PIP have been calculated by a relativity of 0.84 to the Trucks, Tractors, and Trailers PIP loss costs.
- (d) Comprehensive base loss cost is the \$15,001-20,000 OCN, age 1, \$500 deductible loss cost and has been calculated by a relativity of 1.02 to the Trucks, Tractors, and Trailers loss cost.
- (e) Collision base loss cost is the \$15,001-20,000 OCN, age 1, \$500 deductible loss cost, and has been calculated by a relativity of 1.27 to the Trucks, Tractors, and Trailers loss cost.
- (f) The loss costs for Specified Causes of Loss have been calculated by a relativity of 1.02 to the Trucks, Tractors, and Trailers Comprehensive base loss costs.

INSURANCE SERVICES OFFICE, INC.

KENTUCKY
COMMERCIAL AUTOMOBILE INSURANCE

REVISED PROSPECTIVE LOSS COSTS AND PERCENTAGE CHANGES
TERRITORY LOSS COST LEVEL CHANGES

FOR TAXIS AND LIMOUSINES POLICY COVERAGES

| Territory Code | \$100,000 CSL Liability | \$500 Med Pay | PIP |
|-------------------|----------------------------|------------------|--------|
| 101 | 6.7% | 3.6% | 0.0% |
| 102 | 3.0% | 6.3% | -6.4% |
| 103 | 1.2% | 0.0% | -7.1% |
| 104 | 2.4% | 7.1% | -12.1% |
| 105 | 3.0% | 0.0% | 7.0% |
| 106 | 4.3% | 5.6% | -13.3% |
| 107 | 7.3% | 7.1% | -6.4% |
| 109 | 8.9% | 7.7% | -4.8% |
| 110 | 8.6% | 6.3% | -9.8% |
| 112 | 2.5% | 0.0% | -12.0% |
| 113 | 4.9% | 5.3% | -12.1% |
| 114 | 3.9% | 6.7% | -6.0% |
| 115 | 4.8% | 7.1% | -4.8% |
| 116 | 4.0% | 5.6% | -11.5% |
| 117 | 3.1% | 0.0% | -4.3% |
| 118 | 2.2% | 0.0% | -5.3% |

INSURANCE SERVICES OFFICE, INC.

KENTUCKY
COMMERCIAL AUTOMOBILE INSURANCE

REVISED PROSPECTIVE LOSS COSTS AND PERCENTAGE CHANGES
TERRITORY LOSS COST LEVEL CHANGES

FOR TAXIS AND LIMOUSINES POLICY COVERAGES

| Territory Code | Physical Damage | | Specified Causes of Loss |
|-------------------|-----------------|-----------|-----------------------------|
| | Comprehensive | Collision | |
| 101 | 10.1% | -4.1% | 12.5% |
| 102 | 5.1% | -5.9% | 5.4% |
| 103 | 7.7% | -6.8% | 6.8% |
| 104 | 6.3% | -7.4% | 6.2% |
| 105 | 7.5% | -2.2% | 6.7% |
| 106 | 3.7% | -6.9% | 3.9% |
| 107 | 5.9% | -3.3% | 6.0% |
| 109 | 12.9% | -1.2% | 12.3% |
| 110 | 10.9% | -4.0% | 12.5% |
| 112 | 7.5% | -7.6% | 7.1% |
| 113 | 11.5% | -2.0% | 11.6% |
| 114 | 7.8% | -4.1% | 8.6% |
| 115 | 7.7% | -7.2% | 8.2% |
| 116 | 3.1% | -7.0% | 2.7% |
| 117 | 14.4% | -2.7% | 13.6% |
| 118 | 12.8% | -4.0% | 14.3% |

INSURANCE SERVICES OFFICE, INC.

KENTUCKY
COMMERCIAL AUTOMOBILE INSURANCE

REVISED PROSPECTIVE LOSS COSTS AND PERCENTAGE CHANGES
REVISED BASE LOSS COSTS BY TERRITORY

FOR TAXIS AND LIMOUSINES POLICY COVERAGES

| Territory Code | [C] Liability \$100,000 CSL (a) | \$500 Med Pay (b) | PIP (c) | Physical Damage | | Specified Causes of Loss (f) |
|-------------------|---------------------------------------|----------------------|---------|-------------------|---------------|---------------------------------|
| | | | | Comprehensive (d) | Collision (e) | |
| 101 | 3274 | 29 | 182 | 142 | 284 | 81 |
| 102 | 1872 | 17 | 88 | 104 | 207 | 59 |
| 103 | 2542 | 23 | 157 | 112 | 273 | 63 |
| 104 | 1631 | 15 | 94 | 152 | 226 | 86 |
| 105 | 1705 | 15 | 107 | 114 | 309 | 64 |
| 106 | 2089 | 19 | 163 | 141 | 324 | 80 |
| 107 | 1717 | 15 | 88 | 126 | 290 | 71 |
| 109 | 1587 | 14 | 119 | 131 | 257 | 73 |
| 110 | 1885 | 17 | 119 | 142 | 241 | 81 |
| 112 | 1252 | 11 | 88 | 186 | 257 | 105 |
| 113 | 2263 | 20 | 138 | 136 | 243 | 77 |
| 114 | 1792 | 16 | 94 | 111 | 235 | 63 |
| 115 | 1631 | 15 | 119 | 140 | 218 | 79 |
| 116 | 2102 | 19 | 100 | 134 | 226 | 75 |
| 117 | 2040 | 18 | 132 | 119 | 287 | 67 |
| 118 | 1445 | 13 | 107 | 141 | 263 | 80 |

- (a) The loss costs for Taxis and Limousines have been calculated by a relativity of 6.20 to the Trucks, Tractors, and Trailers CSL Liability loss costs.
- (b) The loss costs for medical payments have been calculated by a relativity of 0.0078 to the Taxis and Limousines CSL Liability in category [A] loss costs.
- (c) The loss costs for PIP have been calculated by a relativity of 6.27 to the Trucks, Tractors, and Trailers PIP loss costs.
- (d) Comprehensive base loss cost is the \$15,001-20,000 OCN, age 1, \$500 deductible loss cost and has been calculated by a relativity of 1.02 to the Trucks, Tractors, and Trailers loss cost.
- (e) Collision base loss cost is the \$15,001-20,000 OCN, age 1, \$500 deductible loss cost, and has been calculated by a relativity of 1.27 to the Trucks, Tractors, and Trailers loss cost.
- (f) The loss costs for Specified Causes of Loss have been calculated by a relativity of 1.02 to the Trucks, Tractors, and Trailers Comprehensive base loss costs.

INSURANCE SERVICES OFFICE, INC.

KENTUCKY
COMMERCIAL AUTOMOBILE INSURANCE

REVISED PROSPECTIVE LOSS COSTS AND PERCENTAGE CHANGES
TERRITORY LOSS COST LEVEL CHANGES

FOR SCHOOL AND CHURCH BUSES POLICY COVERAGES

| Territory Code | \$100,000 CSL Liability | \$500 Med Pay | PIP |
|-------------------|----------------------------|------------------|--------|
| 101 | 6.6% | 25.0% | 0.0% |
| 102 | 3.1% | 0.0% | 0.0% |
| 103 | 1.3% | 0.0% | -9.5% |
| 104 | 2.8% | 0.0% | -15.4% |
| 105 | 2.7% | 0.0% | 8.3% |
| 106 | 3.9% | 0.0% | -13.0% |
| 107 | 7.0% | 0.0% | 0.0% |
| 109 | 9.3% | 0.0% | -6.7% |
| 110 | 8.4% | 50.0% | -12.5% |
| 112 | 2.8% | 0.0% | -8.3% |
| 113 | 5.2% | 0.0% | -10.5% |
| 114 | 3.9% | 50.0% | -8.3% |
| 115 | 5.1% | 0.0% | -6.7% |
| 116 | 3.9% | 0.0% | -14.3% |
| 117 | 3.4% | 0.0% | -5.9% |
| 118 | 2.4% | 0.0% | -7.1% |

INSURANCE SERVICES OFFICE, INC.

KENTUCKY
COMMERCIAL AUTOMOBILE INSURANCE

REVISED PROSPECTIVE LOSS COSTS AND PERCENTAGE CHANGES
TERRITORY LOSS COST LEVEL CHANGES

FOR SCHOOL AND CHURCH BUSES POLICY COVERAGES

| Territory Code | Physical Damage | | Specified Causes of Loss |
|-------------------|-----------------|-----------|-----------------------------|
| | Comprehensive | Collision | |
| 101 | 10.2% | -3.3% | 10.0% |
| 102 | 4.4% | -5.4% | 5.1% |
| 103 | 8.5% | -6.7% | 4.9% |
| 104 | 6.1% | -7.2% | 7.3% |
| 105 | 6.8% | -2.5% | 7.3% |
| 106 | 4.3% | -6.7% | 3.8% |
| 107 | 6.1% | -3.3% | 6.5% |
| 109 | 12.5% | -1.5% | 11.1% |
| 110 | 10.2% | -3.9% | 10.0% |
| 112 | 6.7% | -7.7% | 7.5% |
| 113 | 10.7% | -2.4% | 10.4% |
| 114 | 7.0% | -4.0% | 7.5% |
| 115 | 7.9% | -6.7% | 8.0% |
| 116 | 3.4% | -6.5% | 4.0% |
| 117 | 15.5% | -2.6% | 12.2% |
| 118 | 12.8% | -3.6% | 14.6% |

INSURANCE SERVICES OFFICE, INC.

KENTUCKY
COMMERCIAL AUTOMOBILE INSURANCE

REVISED PROSPECTIVE LOSS COSTS AND PERCENTAGE CHANGES
REVISED BASE LOSS COSTS BY TERRITORY

FOR SCHOOL AND CHURCH BUSES POLICY COVERAGES

| Territory Code | [C] Liability | \$500 | | Physical Damage | | Specified Causes of Loss (f) |
|-------------------|-------------------|-------------|---------|-------------------|---------------|---------------------------------|
| | \$100,000 CSL (a) | Med Pay (b) | PIP (c) | Comprehensive (d) | Collision (e) | |
| 101 | 290 | 5 | 22 | 97 | 146 | 55 |
| 102 | 166 | 3 | 11 | 71 | 106 | 41 |
| 103 | 226 | 4 | 19 | 77 | 140 | 43 |
| 104 | 145 | 2 | 11 | 104 | 116 | 59 |
| 105 | 151 | 2 | 13 | 78 | 158 | 44 |
| 106 | 185 | 3 | 20 | 97 | 166 | 55 |
| 107 | 152 | 2 | 11 | 87 | 148 | 49 |
| 109 | 141 | 2 | 14 | 90 | 131 | 50 |
| 110 | 167 | 3 | 14 | 97 | 124 | 55 |
| 112 | 111 | 2 | 11 | 127 | 131 | 72 |
| 113 | 201 | 3 | 17 | 93 | 124 | 53 |
| 114 | 159 | 3 | 11 | 76 | 120 | 43 |
| 115 | 145 | 2 | 14 | 96 | 112 | 54 |
| 116 | 186 | 3 | 12 | 92 | 116 | 52 |
| 117 | 181 | 3 | 16 | 82 | 147 | 46 |
| 118 | 128 | 2 | 13 | 97 | 135 | 55 |

- (a) The loss costs for School and Church Buses have been calculated by a relativity of 0.55 to the Trucks, Tractors, and Trailers CSL Liability loss costs.
- (b) The loss costs for medical payments have been calculated by a relativity of 0.0138 to the School and Church Buses CSL Liability in category [A] loss costs.
- (c) The loss costs for PIP have been calculated by a relativity of 0.76 to the Trucks, Tractors, and Trailers PIP loss costs.
- (d) Comprehensive base loss cost is the \$15,001-20,000 OCN, age 1, \$500 deductible loss cost and has been calculated by a relativity of 0.70 to the Trucks, Tractors, and Trailers loss cost.
- (e) Collision base loss cost is the \$15,001-20,000 OCN, age 1, \$500 deductible loss cost, and has been calculated by a relativity of 0.65 to the Trucks, Tractors, and Trailers loss cost.
- (f) The loss costs for Specified Causes of Loss have been calculated by a relativity of 0.70 to the Trucks, Tractors, and Trailers Comprehensive base loss costs.

INSURANCE SERVICES OFFICE, INC.

KENTUCKY
COMMERCIAL AUTOMOBILE INSURANCE

REVISED PROSPECTIVE LOSS COSTS AND PERCENTAGE CHANGES
TERRITORY LOSS COST LEVEL CHANGES

FOR ALL OTHER BUSES POLICY COVERAGES

| Territory Code | \$100,000 CSL Liability | \$500 Med Pay | PIP |
|-------------------|----------------------------|------------------|--------|
| 101 | 6.6% | 5.0% | 0.0% |
| 102 | 3.1% | 0.0% | -7.3% |
| 103 | 1.2% | 0.0% | -7.1% |
| 104 | 2.3% | 0.0% | -11.3% |
| 105 | 3.0% | 0.0% | 6.0% |
| 106 | 4.4% | 0.0% | -13.2% |
| 107 | 7.4% | 10.0% | -7.3% |
| 109 | 9.0% | 11.1% | -4.8% |
| 110 | 8.6% | 9.1% | -9.7% |
| 112 | 2.5% | 0.0% | -12.8% |
| 113 | 4.9% | 7.1% | -12.0% |
| 114 | 4.0% | 0.0% | -6.0% |
| 115 | 4.7% | 0.0% | -4.8% |
| 116 | 4.0% | 0.0% | -11.4% |
| 117 | 3.1% | 0.0% | -4.3% |
| 118 | 2.2% | 0.0% | -6.1% |

INSURANCE SERVICES OFFICE, INC.

KENTUCKY
COMMERCIAL AUTOMOBILE INSURANCE

REVISED PROSPECTIVE LOSS COSTS AND PERCENTAGE CHANGES
TERRITORY LOSS COST LEVEL CHANGES

FOR ALL OTHER BUSES POLICY COVERAGES

| Territory Code | Physical Damage | | Specified Causes of Loss |
|-------------------|-----------------|-----------|-----------------------------|
| | Comprehensive | Collision | |
| 101 | 10.2% | -3.3% | 10.0% |
| 102 | 4.4% | -5.4% | 5.1% |
| 103 | 8.5% | -6.7% | 4.9% |
| 104 | 6.1% | -7.2% | 7.3% |
| 105 | 6.8% | -2.5% | 7.3% |
| 106 | 4.3% | -6.7% | 3.8% |
| 107 | 6.1% | -3.3% | 6.5% |
| 109 | 12.5% | -1.5% | 11.1% |
| 110 | 10.2% | -3.9% | 10.0% |
| 112 | 6.7% | -7.7% | 7.5% |
| 113 | 10.7% | -2.4% | 10.4% |
| 114 | 7.0% | -4.0% | 7.5% |
| 115 | 7.9% | -6.7% | 8.0% |
| 116 | 3.4% | -6.5% | 4.0% |
| 117 | 15.5% | -2.6% | 12.2% |
| 118 | 12.8% | -3.6% | 14.6% |

INSURANCE SERVICES OFFICE, INC.

KENTUCKY
COMMERCIAL AUTOMOBILE INSURANCE

REVISED PROSPECTIVE LOSS COSTS AND PERCENTAGE CHANGES
REVISED BASE LOSS COSTS BY TERRITORY

FOR ALL OTHER BUSES POLICY COVERAGES

| Territory | [C] Liability | \$500 | Physical Damage | | | Specified Causes |
|-----------|-------------------|-------------|-----------------|-------------------|---------------|------------------|
| Code | \$100,000 CSL (a) | Med Pay (b) | PIP (c) | Comprehensive (d) | Collision (e) | of Loss (f) |
| 101 | 2006 | 21 | 212 | 97 | 146 | 55 |
| 102 | 1148 | 12 | 102 | 71 | 106 | 41 |
| 103 | 1558 | 16 | 183 | 77 | 140 | 43 |
| 104 | 999 | 10 | 110 | 104 | 116 | 59 |
| 105 | 1045 | 11 | 124 | 78 | 158 | 44 |
| 106 | 1281 | 13 | 190 | 97 | 166 | 55 |
| 107 | 1053 | 11 | 102 | 87 | 148 | 49 |
| 109 | 973 | 10 | 139 | 90 | 131 | 50 |
| 110 | 1155 | 12 | 139 | 97 | 124 | 55 |
| 112 | 768 | 8 | 102 | 127 | 131 | 72 |
| 113 | 1387 | 15 | 161 | 93 | 124 | 53 |
| 114 | 1098 | 11 | 110 | 76 | 120 | 43 |
| 115 | 999 | 10 | 139 | 96 | 112 | 54 |
| 116 | 1288 | 13 | 117 | 92 | 116 | 52 |
| 117 | 1250 | 13 | 154 | 82 | 147 | 46 |
| 118 | 885 | 9 | 124 | 97 | 135 | 55 |

- (a) The loss costs for All Other Buses have been calculated by a relativity of 3.80 to the Trucks, Tractors, and Trailers CSL Liability loss costs.
- (b) The loss costs for medical payments have been calculated by a relativity of 0.0091 to the All Other Buses CSL Liability in category [A] loss costs.
- (c) The loss costs for PIP have been calculated by a relativity of 7.31 to the Trucks, Tractors, and Trailers PIP loss costs.
- (d) Comprehensive base loss cost is the \$15,001-20,000 OCN, age 1, \$500 deductible loss cost and has been calculated by a relativity of 0.70 to the Trucks, Tractors, and Trailers loss cost.
- (e) Collision base loss cost is the \$15,001-20,000 OCN, age 1, \$500 deductible loss cost, and has been calculated by a relativity of 0.65 to the Trucks, Tractors, and Trailers loss cost.
- (f) The loss costs for Specified Causes of Loss have been calculated by a relativity of 0.70 to the Trucks, Tractors, and Trailers Comprehensive base loss costs.

INSURANCE SERVICES OFFICE, INC.

KENTUCKY
 AUTOMOBILE LIABILITY INSURANCE - TRUCKS, TRACTORS, AND TRAILERS (A)
 DETERMINATION OF STATEWIDE ADVISORY LOSS COST LEVEL CHANGES
 SINGLE LIMIT LIABILITY COVERAGE

| | (1) | (2) | (3) | (4) | (5) |
|----------------------------|--|-------------------------------------|----------------------------------|--------------------------|---------------------------------|
| ACCIDENT YEAR ENDING | AGGREGATE LOSS COST AT CURRENT LEVEL (B) | \$100,000 INCURRED LOSSES (C) | EXPERIENCE RATIO (2) / (1) | ACCIDENT YEAR WEIGHTS | NUMBER OF INCURRED CLAIMS |
| 12/31/16 | \$29,525,235 | \$34,422,919 | 1.166 | 20% | 2,643 |
| 12/31/17 | \$30,483,069 | \$31,658,317 | 1.039 | 30% | 2,555 |
| 12/31/18 | \$29,687,816 | \$29,772,218 | 1.003 | 50% | 2,546 |
| (6) | AVERAGE EXPERIENCE RATIO (SUM OF (3)*(4)). | | | | 1.047 |
| (7) | EXPECTED EXPERIENCE RATIO (D). | | | | 1.049 |
| (8) | CREDIBILITY (E). | | | | 0.80 |
| (9) | CREDIBILITY WEIGHTED EXPERIENCE RATIO: ((6) * (8)) + ((7) * (1.000- (8))). | | | | 1.047 |
| (10) | INDICATED PERCENTAGE CHANGE IN ADVISORY LOSS COST LEVEL ((9) - 1.000). | | | | 4.7% |
| (11) | FILED CHANGE. | | | | 4.7% |
| (A) | TRUCK, TRACTOR, AND TRAILER EXPERIENCE IS FOR VEHICLES WRITTEN IN ACCORDANCE WITH RULE 23 OF THE COMMERCIAL LINES MANUAL, DIVISION 1, AUTOMOBILE. | | | | |
| (B) | THE AGGREGATE LOSS COST AT CURRENT LEVEL IS CALCULATED BY EXTENDING EXPOSURES BY THE CURRENT LOSS COSTS FROM THE LAST REVISION. | | | | |
| (C) | LOSSES INCLUDE ALL LOSS ADJUSTMENT EXPENSES FOR BODILY INJURY AND PROPERTY DAMAGE LIABILITY. SEE FOLLOWING PAGE. | | | | |
| (D) | EXPECTED EXPERIENCE RATIO IS EQUAL TO THE COMBINED TREND FACTOR SHOWN ON THE FOLLOWING PAGE, PROJECTED FOR M YEARS. THE PERIOD M IS EQUAL TO THE NUMBER OF YEARS FROM ONE YEAR BEYOND THE IMPLEMENTATION DATE OF THE LAST REVISION TO ONE YEAR BEYOND THE ANTICIPATED IMPLEMENTATION DATE OF 09/01/20 WHICH IS ASSUMED FOR THE PURPOSES OF TRENDING, SUBJECT TO A MAXIMUM OF THE N-VALUE CORRESPONDING TO THE LATEST YEAR SHOWN ON THE FOLLOWING PAGE, FOOTNOTE B. IN THIS REVISION, THE PERIOD M IS 1.00 YEAR(S). | | | | |
| (E) | CREDIBILITY IS BASED ON A 3 YEAR TOTAL OF CLAIMS FOR B.I. AND P.D. SHOWN IN COLUMN (5). THE STANDARD FOR FULL CREDIBILITY IS 11,500 CLAIMS (SEE CREDIBILITY TABLES IN SECTION C). | | | | |

INSURANCE SERVICES OFFICE, INC.

KENTUCKY
TRUCKS, TRACTORS, AND TRAILERS
AUTOMOBILE LIABILITY INSURANCE
DETERMINATION OF SINGLE LIMIT LOSSES

| | ACC. YEAR ENDING | BODILY INJURY | PROPERTY DAMAGE | COMBINED |
|--------------------------|---------------------|------------------|--------------------|--------------|
| (1) INCURRED LOSSES AND | 12/31/16 | \$14,984,517 | \$8,510,290 | |
| ALLOCATED LOSS | 12/31/17 | \$12,983,523 | \$8,219,092 | |
| ADJUSTMENT EXPENSES | 12/31/18 | \$10,614,319 | \$8,343,934 | |
| (2) DEVELOPED LOSSES AND | 12/31/16 | \$17,461,458 | \$9,398,764 | |
| ALL LOSS ADJUSTMENT | 12/31/17 | \$16,762,702 | \$9,158,534 | |
| EXPENSES (A) | 12/31/18 | \$15,963,140 | \$9,646,422 | |
| (3) SELECTED ANNUAL LOSS | | | | |
| TREND (SEE TREND | | 5.4% | 4.0% | 4.9% |
| EXHIBIT IN SECTION C) | | | | |
| (4) TRENDED LOSSES AND | 12/31/16 | \$22,909,433 | \$11,513,486 | \$34,422,919 |
| ALL LOSS ADJUSTMENT | 12/31/17 | \$20,869,564 | \$10,788,753 | \$31,658,317 |
| EXPENSES (B) | 12/31/18 | \$18,852,468 | \$10,919,750 | \$29,772,218 |

(A) INCURRED LOSSES AND ALLOCATED LOSS ADJUSTMENT EXPENSES ARE ADJUSTED
BY THE FOLLOWING FACTORS:

1 - UNALLOCATED LOSS ADJUSTMENT FACTORS: B.I. 1.075 P.D. 1.100
2 - LOSS DEVELOPMENT FACTORS:

| YEAR ENDING | B.I. | P.D. |
|-------------|-------|-------|
| 12/31/16 | 1.084 | 1.004 |
| 12/31/17 | 1.201 | 1.013 |
| 12/31/18 | 1.399 | 1.051 |

(B) TRENDED LOSSES ARE EQUAL TO (2) * ((1.0 + (3)) ** N), WHERE N IS EQUAL TO
THE NUMBER OF YEARS PROJECTION FROM THE AVERAGE DATE OF ACCIDENT TO ONE
YEAR BEYOND THE ANTICIPATED IMPLEMENTATION DATE OF 09/01/20
WHICH IS ASSUMED FOR THE PURPOSE OF TRENDING.

| YEAR ENDING | AVERAGE DATE OF ACCIDENT | PROJECTION PERIOD |
|-------------|-----------------------------|----------------------|
| 12/31/16 | 7/1/16 | 5.167 |
| 12/31/17 | 7/1/17 | 4.167 |
| 12/31/18 | 7/1/18 | 3.167 |

INSURANCE SERVICES OFFICE, INC.

KENTUCKY
 AUTOMOBILE LIABILITY INSURANCE - TRUCKS, TRACTORS, AND TRAILERS (A)
 DETERMINATION OF STATEWIDE ADVISORY LOSS COST LEVEL CHANGES
 PERSONAL INJURY PROTECTION

| | (1) | (2) | (3) | (4) | (5) |
|----------------------------|---|------------------------|----------------------------------|--------------------------|---------------------------------|
| ACCIDENT YEAR ENDING | AGGREGATE LOSS COST AT CURRENT LEVEL (B) | INCURRED LOSSES (C) | EXPERIENCE RATIO (2) / (1) | ACCIDENT YEAR WEIGHTS | NUMBER OF INCURRED CLAIMS |
| 12/31/14 | \$1,039,592 | \$967,731 | 0.931 | 10% | 157 |
| 12/31/15 | \$1,047,774 | \$1,049,668 | 1.002 | 15% | 192 |
| 12/31/16 | \$1,071,751 | \$976,899 | 0.911 | 20% | 163 |
| 12/31/17 | \$1,125,434 | \$1,094,038 | 0.972 | 25% | 191 |
| 12/31/18 | \$1,093,926 | \$750,222 | 0.686 | 30% | 159 |
| (6) | AVERAGE EXPERIENCE RATIO (SUM OF (3)*(4)). | | | | 0.874 |
| (7) | EXPECTED EXPERIENCE RATIO (D). | | | | 1.029 |
| (8) | CREDIBILITY (E). | | | | 0.65 |
| (9) | CREDIBILITY WEIGHTED EXPERIENCE RATIO: ((6) * (8)) + ((7) * (1.000 - (8))). | | | | 0.928 |
| (10) | INDICATED PERCENTAGE CHANGE IN ADVISORY LOSS COST LEVEL ((9) - 1.000). | | | | -7.2% |
| (11) | FILED CHANGE. | | | | -7.2% |
| (A) | TRUCK, TRACTOR, AND TRAILER EXPERIENCE IS FOR VEHICLES WRITTEN IN ACCORDANCE WITH RULE 23 OF THE COMMERCIAL LINES MANUAL, DIVISION 1, AUTOMOBILE, ELIGIBLE FOR FIRST PARTY COVERAGE. | | | | |
| (B) | THE AGGREGATE LOSS COST AT CURRENT LEVEL IS CALCULATED BY EXTENDING EXPOSURES BY THE CURRENT LOSS COSTS FROM THE LAST REVISION. | | | | |
| (C) | LOSSES INCLUDE ALL LOSS ADJUSTMENT EXPENSES FOR PERSONAL INJURY PROTECTION. SEE FOLLOWING PAGE. | | | | |
| (D) | EXPECTED EXPERIENCE RATIO IS EQUAL TO THE TREND FACTOR SHOWN ON THE FOLLOWING PAGE, PROJECTED FOR M YEARS. THE PERIOD M IS EQUAL TO THE NUMBER OF YEARS FROM ONE YEAR BEYOND THE IMPLEMENTATION DATE OF THE LAST REVISION TO ONE YEAR BEYOND THE ANTICIPATED IMPLEMENTATION DATE OF 09/01/20 WHICH IS ASSUMED FOR THE PURPOSES OF TRENDING, SUBJECT TO A MAXIMUM OF THE N-VALUE CORRESPONDING TO THE LATEST YEAR SHOWN ON THE FOLLOWING PAGE, FOOTNOTE B. IN THIS REVISION, THE PERIOD M IS 1.00 YEAR(S). | | | | |
| (E) | CREDIBILITY IS BASED ON A 5 YEAR TOTAL OF CLAIMS FOR PIP SHOWN IN COLUMN (5). THE STANDARD FOR FULL CREDIBILITY IS 2,000 CLAIMS (SEE CREDIBILITY TABLES IN SECTION C). | | | | |

INSURANCE SERVICES OFFICE, INC.

KENTUCKY
TRUCKS, TRACTORS, AND TRAILERS
AUTOMOBILE LIABILITY INSURANCE
DETERMINATION OF PERSONAL INJURY PROTECTION LOSSES

| | ACC. YEAR ENDING | PIP |
|--------------------------|---------------------|-------------|
| (1) INCURRED LOSSES AND | 12/31/14 | \$741,082 |
| ALLOCATED LOSS | 12/31/15 | \$836,882 |
| ADJUSTMENT EXPENSES | 12/31/16 | \$828,832 |
| | 12/31/17 | \$991,246 |
| | 12/31/18 | \$777,237 |
| (2) DEVELOPED LOSSES AND | 12/31/14 | \$788,697 |
| ALL LOSS ADJUSTMENT | 12/31/15 | \$879,856 |
| EXPENSES (A) | 12/31/16 | \$842,881 |
| | 12/31/17 | \$970,752 |
| | 12/31/18 | \$685,134 |
| (3) SELECTED ANNUAL LOSS | | |
| TREND (SEE TREND | | 2.9% |
| EXHIBIT IN SECTION C) | | |
| (4) TRENDED LOSSES AND | 12/31/14 | \$967,731 |
| ALL LOSS ADJUSTMENT | 12/31/15 | \$1,049,668 |
| EXPENSES (B) | 12/31/16 | \$976,899 |
| | 12/31/17 | \$1,094,038 |
| | 12/31/18 | \$750,222 |

(A) INCURRED LOSSES AND ALLOCATED LOSS ADJUSTMENT EXPENSES ARE ADJUSTED
BY THE FOLLOWING FACTORS:

- 1 - UNALLOCATED LOSS ADJUSTMENT FACTORS: 1.075
2 - LOSS DEVELOPMENT FACTORS:

| YEAR ENDING | PIP |
|-------------|-------|
| 12/31/14 | 0.990 |
| 12/31/15 | 0.978 |
| 12/31/16 | 0.946 |
| 12/31/17 | 0.911 |
| 12/31/18 | 0.820 |

(B) TRENDED LOSSES ARE EQUAL TO (2) * ((1.0 + (3)) ** N), WHERE N IS EQUAL TO
THE NUMBER OF YEARS PROJECTION FROM THE AVERAGE DATE OF ACCIDENT TO ONE
YEAR BEYOND THE ANTICIPATED IMPLEMENTATION DATE OF 09/01/20
WHICH IS ASSUMED FOR THE PURPOSE OF TRENDING.

| YEAR ENDING | AVERAGE DATE OF ACCIDENT | PROJECTION PERIOD |
|-------------|-----------------------------|----------------------|
| 12/31/14 | 7/1/14 | 7.167 |
| 12/31/15 | 7/1/15 | 6.167 |
| 12/31/16 | 7/1/16 | 5.167 |
| 12/31/17 | 7/1/17 | 4.167 |
| 12/31/18 | 7/1/18 | 3.167 |

INSURANCE SERVICES OFFICE, INC.

KENTUCKY
AUTOMOBILE PHYSICAL DAMAGE INSURANCE - TRUCKS, TRACTORS AND TRAILERS (A)
DETERMINATION OF STATEWIDE ADVISORY LOSS COST LEVEL CHANGES

| COVERAGE | ACCIDENT YEAR | (1) AGGREGATE LOSS COST AT CURRENT LEVEL (B) | (2) INCURRED LOSSES (C) | (3) EXPERIENCE RATIO (2) / (1) | (4) ACCIDENT YEAR WEIGHTS | (5) NUMBER OF PAID CLAIMS |
|----------|---------------|--|-------------------------------|---|---------------------------------|------------------------------------|
| O.T.C. | 12/31/16 | \$4,008,012 | \$5,025,634 | 1.254 | 20% | 1,701 |
| | 12/31/17 | \$4,047,530 | \$3,562,087 | 0.880 | 30% | 1,380 |
| | 12/31/18 | \$3,980,003 | \$4,705,420 | 1.182 | 50% | 1,457 |
| COLL. | 12/31/16 | \$9,403,937 | \$9,261,939 | 0.985 | 20% | 822 |
| | 12/31/17 | \$9,812,828 | \$8,952,407 | 0.912 | 30% | 844 |
| | 12/31/18 | \$9,787,746 | \$8,850,410 | 0.904 | 50% | 873 |

| | | O.T.C. | COLLISION |
|------|--|--------|-----------|
| (6) | AVERAGE EXPERIENCE RATIO (SUM OF (3)*(4)). | 1.106 | 0.923 |
| (7) | EXPECTED EXPERIENCE RATIO (D). | 1.060 | 1.030 |
| (8) | CREDIBILITY (E). | 0.60 | 0.75 |
| (9) | CREDIBILITY WEIGHTED EXPERIENCE RATIO: ((6) * (8)) + ((7) * (1.000- (8))). | 1.088 | 0.950 |
| (10) | INDICATED PERCENTAGE CHANGE IN ADVISORY LOSS COST LEVEL ((9) - 1.000). | 8.8% | -5.0% |
| (11) | FILED CHANGE. | 8.8% | -5.0% |
| (A) | TRUCK, TRACTOR AND TRAILER EXPERIENCE IS FOR VEHICLES WRITTEN IN ACCORDANCE WITH RULE 23 OF THE COMMERCIAL LINES MANUAL, DIVISION 1, AUTOMOBILE. | | |
| (B) | THE AGGREGATE LOSS COST AT CURRENT LEVEL IS CALCULATED BY EXTENDING EXPOSURES BY THE CURRENT LOSS COSTS AND ADJUSTING TO A PROSPECTIVE OCN LEVEL BY THE APPLICATION OF OCN TREND FACTORS. (SEE SUBSEQUENT PAGE). | | |
| (C) | LOSSES INCLUDE ALL LOSS ADJUSTMENT EXPENSES FOR O.T.C. AND COLL. SEE FOLLOWING PAGE. | | |
| (D) | EXPECTED EXPERIENCE RATIO IS EQUAL TO THE LOSS TREND FACTOR DIVIDED BY THE OCN TREND FACTOR, PROJECTED FOR M YEARS. THE PERIOD M IS EQUAL TO THE NUMBER OF YEARS FROM ONE YEAR BEYOND THE IMPLEMENTATION DATE OF THE LAST REVISION TO ONE YEAR BEYOND THE ANTICIPATED IMPLEMENTATION DATE OF 09/01/20 WHICH IS ASSUMED FOR THE PURPOSES OF TRENDING, SUBJECT TO A MAXIMUM OF THE N-VALUE CORRESPONDING TO THE LATEST YEAR SHOWN ON THE FOLLOWING PAGE, FOOTNOTE B. IN THIS REVISION, THE PERIOD M IS 1.00 YEAR(S). | | |
| (E) | CREDIBILITY IS BASED ON A 3 YEAR TOTAL OF CLAIMS FOR O.T.C. AND A 3 YEAR TOTAL OF CLAIMS FOR COLLISION SHOWN IN COLUMN (5). THE STANDARDS FOR FULL CREDIBILITY ARE 11,000 CLAIMS FOR O.T.C. AND 4,500 CLAIMS FOR COLLISION (SEE CREDIBILITY TABLES IN SECTION C). | | |

INSURANCE SERVICES OFFICE, INC.

KENTUCKY
TRUCKS, TRACTORS AND TRAILERS
AUTOMOBILE PHYSICAL DAMAGE INSURANCE
DETERMINATION OF PHYSICAL DAMAGE LOSSES

| | ACC. YEAR ENDING | O.T.C | COLLISION |
|---|---------------------|-------------|-------------|
| (1) PAID LOSSES | 12/31/16 | \$3,133,301 | \$6,537,538 |
| | 12/31/17 | \$2,372,547 | \$6,643,074 |
| | 12/31/18 | \$3,278,874 | \$7,043,048 |
| (2) DEVELOPED LOSSES AND | 12/31/16 | \$3,544,171 | \$7,380,031 |
| ALL LOSS ADJUSTMENT | 12/31/17 | \$2,686,340 | \$7,454,127 |
| EXPENSES (A) | 12/31/18 | \$3,797,756 | \$7,696,009 |
| (3) SELECTED ANNUAL LOSS TREND (SEE TREND EXHIBIT IN SECTION C) | | 7.0% | 4.5% |
| (4) TRENDED LOSSES AND | 12/31/16 | \$5,025,634 | \$9,261,939 |
| ALL LOSS ADJUSTMENT | 12/31/17 | \$3,562,087 | \$8,952,407 |
| EXPENSES (B) | 12/31/18 | \$4,705,420 | \$8,850,410 |

(A) PAID LOSSES ARE ADJUSTED BY THE FOLLOWING:

1 - LOSS ADJUSTMENT EXPENSE FACTORS:

| | O.T.C | COLL. |
|--|-------|-------|
| | 1.130 | 1.130 |

2 - LOSS DEVELOPMENT FACTORS:

| YEAR ENDING | O.T.C. | COLL. |
|-------------|--------|-------|
| 12/31/16 | 1.001 | 0.999 |
| 12/31/17 | 1.002 | 0.993 |
| 12/31/18 | 1.025 | 0.967 |

(B) TRENDED LOSSES ARE EQUAL TO (2) * ((1.0 + (3)) ** N), WHERE N IS EQUAL TO THE NUMBER OF YEARS PROJECTION FROM THE AVERAGE DATE OF ACCIDENT TO ONE YEAR BEYOND THE ANTICIPATED IMPLEMENTATION DATE OF 09/01/20 WHICH IS ASSUMED FOR THE PURPOSE OF TRENDING BOTH OTC AND COLLISION.

| YEAR ENDING | AVERAGE DATE OF ACCIDENT | PROJECTION PERIOD OTC | PROJECTION PERIOD COLL |
|-------------|-----------------------------|--------------------------|---------------------------|
| 12/31/16 | 7/1/16 | 5.167 | 5.167 |
| 12/31/17 | 7/1/17 | 4.167 | 4.167 |
| 12/31/18 | 7/1/18 | 3.167 | 3.167 |

INSURANCE SERVICES OFFICE, INC.

KENTUCKY
TRUCKS, TRACTORS AND TRAILERS
AUTOMOBILE PHYSICAL DAMAGE INSURANCE
DETERMINATION OF PHYSICAL DAMAGE TRENDED
AGGREGATE LOSS COSTS

| | ACC. YEAR ENDING | O.T.C | COLLISION |
|--------------------------|---------------------|-------------|-------------|
| (1) AGGREGATE LOSS COSTS | 12/31/16 | \$3,828,092 | \$8,707,349 |
| AT CURRENT LEVEL | 12/31/17 | \$3,899,355 | \$9,222,583 |
| | 12/31/18 | \$3,867,836 | \$9,339,452 |
| (2) SELECTED ANNUAL OCN | | | |
| TREND (SEE TREND | | 0.9% | 1.5% |
| EXHIBIT IN SECTION C) | | | |
| (3) TRENDED AGGREGATE | 12/31/16 | \$4,008,012 | \$9,403,937 |
| LOSS COSTS AT | 12/31/17 | \$4,047,530 | \$9,812,828 |
| CURRENT LEVEL (A) | 12/31/18 | \$3,980,003 | \$9,787,746 |

(A) TRENDED AGGREGATE LOSS COSTS ARE EQUAL TO (1) * ((1.0 + (2)) ** N),
WHERE N IS EQUAL TO THE NUMBER OF YEARS PROJECTION FROM THE AVERAGE DATE OF
WRITING TO SIX MONTHS BEYOND THE ANTICIPATED IMPLEMENTATION DATE OF
09/01/20 WHICH IS ASSUMED FOR THE PURPOSE OF TRENDING BOTH OTC
AND COLLISION.

| YEAR ENDING | AVERAGE DATE OF WRITING | PROJECTION PERIOD OTC | PROJECTION PERIOD COLL |
|-------------|----------------------------|--------------------------|---------------------------|
| 12/31/16 | 1/1/16 | 5.167 | 5.167 |
| 12/31/17 | 1/1/17 | 4.167 | 4.167 |
| 12/31/18 | 1/1/18 | 3.167 | 3.167 |

INSURANCE SERVICES OFFICE, INC.

KENTUCKY
 AUTOMOBILE LIABILITY INSURANCE - PRIVATE PASSENGER TYPES (A)
 DETERMINATION OF STATEWIDE ADVISORY LOSS COST LEVEL CHANGES
 SINGLE LIMIT LIABILITY COVERAGE

| | (1) | (2) | (3) | (4) | (5) |
|----------------------------|--|-------------------------------------|----------------------------------|--------------------------|---------------------------------|
| ACCIDENT YEAR ENDING | AGGREGATE LOSS COST AT CURRENT LEVEL (B) | \$100,000 INCURRED LOSSES (C) | EXPERIENCE RATIO (2) / (1) | ACCIDENT YEAR WEIGHTS | NUMBER OF INCURRED CLAIMS |
| 12/31/14 | \$5,655,537 | \$6,202,027 | 1.097 | 10% | 654 |
| 12/31/15 | \$5,683,118 | \$6,429,395 | 1.131 | 15% | 611 |
| 12/31/16 | \$5,653,254 | \$7,073,473 | 1.251 | 20% | 640 |
| 12/31/17 | \$5,702,315 | \$4,389,566 | 0.770 | 25% | 521 |
| 12/31/18 | \$5,496,647 | \$4,721,832 | 0.859 | 30% | 529 |
| (6) | AVERAGE EXPERIENCE RATIO (SUM OF (3)*(4)). | | | | 0.981 |
| (7) | EXPECTED EXPERIENCE RATIO (D). | | | | 1.048 |
| (8) | CREDIBILITY (E). | | | | 0.50 |
| (9) | CREDIBILITY WEIGHTED EXPERIENCE RATIO: ((6) * (8)) + ((7) * (1.000- (8))). | | | | 1.015 |
| (10) | INDICATED PERCENTAGE CHANGE IN ADVISORY LOSS COST LEVEL ((9) - 1.000). | | | | 1.5% |
| (11) | FILED CHANGE. | | | | N.C. |
| (A) | PRIVATE PASSENGER TYPE EXPERIENCE IS FOR VEHICLES WRITTEN IN ACCORDANCE WITH RULE 31 OF THE COMMERCIAL LINES MANUAL, DIVISION 1, AUTOMOBILE. | | | | |
| (B) | THE AGGREGATE LOSS COST AT CURRENT LEVEL IS CALCULATED BY EXTENDING EXPOSURES BY THE CURRENT LOSS COSTS FROM THE LAST REVISION. | | | | |
| (C) | LOSSES INCLUDE ALL LOSS ADJUSTMENT EXPENSES FOR BODILY INJURY AND PROPERTY DAMAGE LIABILITY. SEE FOLLOWING PAGE. | | | | |
| (D) | EXPECTED EXPERIENCE RATIO IS EQUAL TO THE COMBINED TREND FACTOR SHOWN ON THE FOLLOWING PAGE, PROJECTED FOR M YEARS. THE PERIOD M IS EQUAL TO THE NUMBER OF YEARS FROM ONE YEAR BEYOND THE IMPLEMENTATION DATE OF THE LAST REVISION TO ONE YEAR BEYOND THE ANTICIPATED IMPLEMENTATION DATE OF 09/01/20 WHICH IS ASSUMED FOR THE PURPOSES OF TRENDING, SUBJECT TO A MAXIMUM OF THE N-VALUE CORRESPONDING TO THE LATEST YEAR SHOWN ON THE FOLLOWING PAGE, FOOTNOTE B. IN THIS REVISION, THE PERIOD M IS 1.00 YEAR(S). | | | | |
| (E) | CREDIBILITY IS BASED ON A 5 YEAR TOTAL OF CLAIMS FOR B.I. AND P.D. SHOWN IN COLUMN (5). THE STANDARD FOR FULL CREDIBILITY IS 11,500 CLAIMS (SEE CREDIBILITY TABLES IN SECTION C). | | | | |

INSURANCE SERVICES OFFICE, INC.

KENTUCKY
PRIVATE PASSENGER TYPES
AUTOMOBILE LIABILITY INSURANCE
DETERMINATION OF SINGLE LIMIT LOSSES

| | ACC. YEAR ENDING | BODILY INJURY | PROPERTY DAMAGE | COMBINED |
|--------------------------|---------------------|------------------|--------------------|-------------|
| (1) INCURRED LOSSES AND | 12/31/14 | \$2,541,704 | \$1,512,269 | |
| ALLOCATED LOSS | 12/31/15 | \$2,831,201 | \$1,510,660 | |
| ADJUSTMENT EXPENSES | 12/31/16 | \$3,070,162 | \$1,765,291 | |
| | 12/31/17 | \$1,675,669 | \$1,375,501 | |
| | 12/31/18 | \$1,625,397 | \$1,482,072 | |
| (2) DEVELOPED LOSSES AND | 12/31/14 | \$2,740,529 | \$1,665,159 | |
| ALL LOSS ADJUSTMENT | 12/31/15 | \$3,116,586 | \$1,663,388 | |
| EXPENSES (A) | 12/31/16 | \$3,571,059 | \$1,949,587 | |
| | 12/31/17 | \$2,076,950 | \$1,531,208 | |
| | 12/31/18 | \$2,374,583 | \$1,693,860 | |
| (3) SELECTED ANNUAL LOSS | | | | |
| TREND (SEE TREND | | 5.4% | 4.0% | 4.8% |
| EXHIBIT IN SECTION C) | | | | |
| (4) TRENDED LOSSES AND | 12/31/14 | \$3,995,691 | \$2,206,336 | \$6,202,027 |
| ALL LOSS ADJUSTMENT | 12/31/15 | \$4,310,238 | \$2,119,156 | \$6,429,395 |
| EXPENSES (B) | 12/31/16 | \$4,685,229 | \$2,388,244 | \$7,073,473 |
| | 12/31/17 | \$2,585,803 | \$1,803,763 | \$4,389,566 |
| | 12/31/18 | \$2,804,383 | \$1,917,450 | \$4,721,832 |

(A) INCURRED LOSSES AND ALLOCATED LOSS ADJUSTMENT EXPENSES ARE ADJUSTED
BY THE FOLLOWING FACTORS:

- 1 - UNALLOCATED LOSS ADJUSTMENT FACTORS: B.I. 1.075 P.D. 1.100
2 - LOSS DEVELOPMENT FACTORS:

| YEAR ENDING | B.I. | P.D. |
|-------------|-------|-------|
| 12/31/14 | 1.003 | 1.001 |
| 12/31/15 | 1.024 | 1.001 |
| 12/31/16 | 1.082 | 1.004 |
| 12/31/17 | 1.153 | 1.012 |
| 12/31/18 | 1.359 | 1.039 |

(B) TRENDED LOSSES ARE EQUAL TO (2) * ((1.0 + (3)) ** N), WHERE N IS EQUAL TO
THE NUMBER OF YEARS PROJECTION FROM THE AVERAGE DATE OF ACCIDENT TO ONE
YEAR BEYOND THE ANTICIPATED IMPLEMENTATION DATE OF 09/01/20
WHICH IS ASSUMED FOR THE PURPOSE OF TRENDING.

| YEAR ENDING | AVERAGE DATE OF ACCIDENT | PROJECTION PERIOD |
|-------------|-----------------------------|----------------------|
| 12/31/14 | 7/1/14 | 7.167 |
| 12/31/15 | 7/1/15 | 6.167 |
| 12/31/16 | 7/1/16 | 5.167 |
| 12/31/17 | 7/1/17 | 4.167 |
| 12/31/18 | 7/1/18 | 3.167 |

INSURANCE SERVICES OFFICE, INC.

KENTUCKY
 AUTOMOBILE LIABILITY INSURANCE - PRIVATE PASSENGER TYPES (A)
 DETERMINATION OF STATEWIDE ADVISORY LOSS COST LEVEL CHANGES
 PERSONAL INJURY PROTECTION

| | (1) | (2) | (3) | (4) | (5) |
|----------------------------|---|------------------------|----------------------------------|--------------------------|---------------------------------|
| ACCIDENT YEAR ENDING | AGGREGATE LOSS COST AT CURRENT LEVEL (B) | INCURRED LOSSES (C) | EXPERIENCE RATIO (2) / (1) | ACCIDENT YEAR WEIGHTS | NUMBER OF INCURRED CLAIMS |
| 12/31/14 | \$472,379 | \$462,199 | 0.978 | 10% | 86 |
| 12/31/15 | \$479,211 | \$409,203 | 0.854 | 15% | 73 |
| 12/31/16 | \$479,166 | \$456,375 | 0.952 | 20% | 93 |
| 12/31/17 | \$502,588 | \$544,370 | 1.083 | 25% | 105 |
| 12/31/18 | \$485,246 | \$357,750 | 0.737 | 30% | 76 |
| (6) | AVERAGE EXPERIENCE RATIO (SUM OF (3)*(4)). | | | | 0.908 |
| (7) | EXPECTED EXPERIENCE RATIO (D). | | | | 1.029 |
| (8) | CREDIBILITY (E). | | | | 0.45 |
| (9) | CREDIBILITY WEIGHTED EXPERIENCE RATIO: ((6) * (8)) + ((7) * (1.000 - (8))). | | | | 0.975 |
| (10) | INDICATED PERCENTAGE CHANGE IN ADVISORY LOSS COST LEVEL ((9) - 1.000). | | | | -2.5% |
| (11) | FILED CHANGE. | | | | N.C. |
| (A) | PRIVATE PASSENGER TYPE EXPERIENCE IS FOR VEHICLES WRITTEN IN ACCORDANCE WITH RULE 31 OF THE COMMERCIAL LINES MANUAL, DIVISION 1, AUTOMOBILE, ELIGIBLE FOR FIRST PARTY COVERAGE. | | | | |
| (B) | THE AGGREGATE LOSS COST AT CURRENT LEVEL IS CALCULATED BY EXTENDING EXPOSURES BY THE CURRENT LOSS COSTS FROM THE LAST REVISION. | | | | |
| (C) | LOSSES INCLUDE ALL LOSS ADJUSTMENT EXPENSES FOR PERSONAL INJURY PROTECTION. SEE FOLLOWING PAGE. | | | | |
| (D) | EXPECTED EXPERIENCE RATIO IS EQUAL TO THE TREND FACTOR SHOWN ON THE FOLLOWING PAGE, PROJECTED FOR M YEARS. THE PERIOD M IS EQUAL TO THE NUMBER OF YEARS FROM ONE YEAR BEYOND THE IMPLEMENTATION DATE OF THE LAST REVISION TO ONE YEAR BEYOND THE ANTICIPATED IMPLEMENTATION DATE OF 09/01/20 WHICH IS ASSUMED FOR THE PURPOSES OF TRENDING, SUBJECT TO A MAXIMUM OF THE N-VALUE CORRESPONDING TO THE LATEST YEAR SHOWN ON THE FOLLOWING PAGE, FOOTNOTE B. IN THIS REVISION, THE PERIOD M IS 1.00 YEAR(S). | | | | |
| (E) | CREDIBILITY IS BASED ON A 5 YEAR TOTAL OF CLAIMS FOR PIP SHOWN IN COLUMN (5). THE STANDARD FOR FULL CREDIBILITY IS 2,000 CLAIMS (SEE CREDIBILITY TABLES IN SECTION C). | | | | |

INSURANCE SERVICES OFFICE, INC.

KENTUCKY
PRIVATE PASSENGER TYPES
AUTOMOBILE LIABILITY INSURANCE
DETERMINATION OF PERSONAL INJURY PROTECTION LOSSES

| | ACC. YEAR ENDING | PIP |
|--|---------------------|-----------------------------|
| (1) INCURRED LOSSES AND | 12/31/14 | \$356,107 |
| ALLOCATED LOSS | 12/31/15 | \$328,602 |
| ADJUSTMENT EXPENSES | 12/31/16 | \$385,167 |
| | 12/31/17 | \$502,041 |
| | 12/31/18 | \$397,799 |
| (2) DEVELOPED LOSSES AND | 12/31/14 | \$376,690 |
| ALL LOSS ADJUSTMENT | 12/31/15 | \$343,003 |
| EXPENSES (A) | 12/31/16 | \$393,766 |
| | 12/31/17 | \$483,026 |
| | 12/31/18 | \$326,712 |
| (3) SELECTED ANNUAL LOSS | | |
| TREND (SEE TREND | | 2.9% |
| EXHIBIT IN SECTION C) | | |
| (4) TRENDED LOSSES AND | 12/31/14 | \$462,199 |
| ALL LOSS ADJUSTMENT | 12/31/15 | \$409,203 |
| EXPENSES (B) | 12/31/16 | \$456,375 |
| | 12/31/17 | \$544,370 |
| | 12/31/18 | \$357,750 |
| (A) INCURRED LOSSES AND ALLOCATED LOSS ADJUSTMENT EXPENSES ARE ADJUSTED | | |
| BY THE FOLLOWING FACTORS: | | |
| 1 - UNALLOCATED LOSS ADJUSTMENT FACTORS: | | 1.075 |
| 2 - LOSS DEVELOPMENT FACTORS: | | |
| | YEAR ENDING | PIP |
| | 12/31/14 | 0.984 |
| | 12/31/15 | 0.971 |
| | 12/31/16 | 0.951 |
| | 12/31/17 | 0.895 |
| | 12/31/18 | 0.764 |
| (B) TRENDED LOSSES ARE EQUAL TO (2) * ((1.0 + (3)) ** N), WHERE N IS EQUAL TO | | |
| THE NUMBER OF YEARS PROJECTION FROM THE AVERAGE DATE OF ACCIDENT TO ONE | | |
| YEAR BEYOND THE ANTICIPATED IMPLEMENTATION DATE OF 09/01/20 | | |
| WHICH IS ASSUMED FOR THE PURPOSE OF TRENDING. | | |
| | YEAR ENDING | AVERAGE DATE OF ACCIDENT |
| | 12/31/14 | 7/1/14 |
| | 12/31/15 | 7/1/15 |
| | 12/31/16 | 7/1/16 |
| | 12/31/17 | 7/1/17 |
| | 12/31/18 | 7/1/18 |
| | | PROJECTION PERIOD |
| | | 7.167 |
| | | 6.167 |
| | | 5.167 |
| | | 4.167 |
| | | 3.167 |

INSURANCE SERVICES OFFICE, INC.

KENTUCKY
AUTOMOBILE PHYSICAL DAMAGE INSURANCE - PRIVATE PASSENGER TYPES (A)
DETERMINATION OF STATEWIDE ADVISORY LOSS COST LEVEL CHANGES

| | (1) | (2) | (3) | (4) | (5) |
|-----------|--|------------------------|----------------------------------|--------------------------|-----------------------------|
| COVERAGES | AGGREGATE LOSS COST AT CURRENT LEVEL (B) | INCURRED LOSSES (C) | EXPERIENCE RATIO (2) / (1) | ACCIDENT YEAR WEIGHTS | NUMBER OF PAID CLAIMS |
| O.T.C. | 12/31/14 | \$1,357,607 | 1.288 | 10% | 687 |
| | 12/31/15 | \$1,364,477 | 1.016 | 15% | 664 |
| | 12/31/16 | \$1,408,592 | 1.121 | 20% | 616 |
| | 12/31/17 | \$1,319,728 | 0.881 | 25% | 514 |
| | 12/31/18 | \$1,222,274 | 0.956 | 30% | 497 |
| COLL. | 12/31/14 | \$2,823,202 | 1.014 | 10% | 470 |
| | 12/31/15 | \$2,850,464 | 1.003 | 15% | 446 |
| | 12/31/16 | \$2,837,323 | 1.090 | 20% | 467 |
| | 12/31/17 | \$2,775,241 | 0.842 | 25% | 367 |
| | 12/31/18 | \$2,612,788 | 0.877 | 30% | 423 |
| | | | | O.T.C. | COLLISION |
| (6) | AVERAGE EXPERIENCE RATIO (SUM OF (3)*(4)). | | | 1.012 | 0.943 |
| (7) | EXPECTED EXPERIENCE RATIO (D). | | | 1.054 | 1.034 |
| (8) | CREDIBILITY (E). | | | 0.55 | 0.75 |
| (9) | CREDIBILITY WEIGHTED EXPERIENCE RATIO: ((6) * (8)) + ((7) * (1.000 - (8))). | | | 1.031 | 0.966 |
| (10) | INDICATED PERCENTAGE CHANGE IN ADVISORY LOSS COST LEVEL ((9) - 1.000). | | | 3.1% | -3.4% |
| (11) | FILED CHANGE. | | | 3.1% | -3.4% |
| (A) | PRIVATE PASSENGER TYPE EXPERIENCE IS FOR VEHICLES WRITTEN IN ACCORDANCE WITH RULE 31 OF THE COMMERCIAL LINES MANUAL, DIVISION 1, AUTOMOBILE. | | | | |
| (B) | THE AGGREGATE LOSS COST AT CURRENT LEVEL IS CALCULATED BY EXTENDING EXPOSURES BY THE CURRENT LOSS COSTS AND ADJUSTING TO A PROSPECTIVE OCN LEVEL BY THE APPLICATION OF OCN TREND FACTORS. (SEE SUBSEQUENT PAGE). | | | | |
| (C) | LOSSES INCLUDE ALL LOSS ADJUSTMENT EXPENSES FOR O.T.C. AND COLL. SEE FOLLOWING PAGE. | | | | |
| (D) | EXPECTED EXPERIENCE RATIO IS EQUAL TO THE LOSS TREND FACTOR DIVIDED BY THE OCN TREND FACTOR, PROJECTED FOR M YEARS. THE PERIOD M IS EQUAL TO THE NUMBER OF YEARS FROM ONE YEAR BEYOND THE IMPLEMENTATION DATE OF THE LAST REVISION TO ONE YEAR BEYOND THE ANTICIPATED IMPLEMENTATION DATE OF 09/01/20 WHICH IS ASSUMED FOR THE PURPOSES OF TRENDING, SUBJECT TO A MAXIMUM OF THE N-VALUE CORRESPONDING TO THE LATEST YEAR SHOWN ON THE FOLLOWING PAGE, FOOTNOTE B. IN THIS REVISION, THE PERIOD M IS 1.00 YEAR(S). | | | | |
| (E) | CREDIBILITY IS BASED ON A 5 YEAR TOTAL OF CLAIMS FOR O.T.C. AND A 5 YEAR TOTAL OF CLAIMS FOR COLLISION SHOWN IN COLUMN (5). THE STANDARDS FOR FULL CREDIBILITY ARE 8,500 CLAIMS FOR O.T.C. AND 3,500 CLAIMS FOR COLLISION (SEE CREDIBILITY TABLES IN SECTION C). | | | | |

INSURANCE SERVICES OFFICE, INC.

KENTUCKY
PRIVATE PASSENGER TYPES
AUTOMOBILE PHYSICAL DAMAGE INSURANCE
DETERMINATION OF PHYSICAL DAMAGE LOSSES

| | ACC. YEAR ENDING | O.T.C | COLLISION |
|---|---------------------|-------------|-------------|
| (1) PAID LOSSES | 12/31/14 | \$985,648 | \$1,912,812 |
| | 12/31/15 | \$831,432 | \$1,985,972 |
| | 12/31/16 | \$1,008,871 | \$2,235,738 |
| | 12/31/17 | \$791,084 | \$1,767,234 |
| | 12/31/18 | \$837,379 | \$1,892,885 |
| (2) DEVELOPED LOSSES AND | 12/31/14 | \$1,113,782 | \$2,161,478 |
| ALL LOSS ADJUSTMENT | 12/31/15 | \$939,518 | \$2,244,148 |
| EXPENSES (A) | 12/31/16 | \$1,140,024 | \$2,523,858 |
| | 12/31/17 | \$894,819 | \$1,982,996 |
| | 12/31/18 | \$956,647 | \$2,023,456 |
| (3) SELECTED ANNUAL LOSS TREND (SEE TREND EXHIBIT IN SECTION C) | | 6.5% | 4.0% |
| (4) TRENDED LOSSES AND | 12/31/14 | \$1,748,638 | \$2,863,958 |
| ALL LOSS ADJUSTMENT | 12/31/15 | \$1,385,789 | \$2,859,045 |
| EXPENSES (B) | 12/31/16 | \$1,578,933 | \$3,091,726 |
| | 12/31/17 | \$1,163,265 | \$2,335,969 |
| | 12/31/18 | \$1,168,066 | \$2,290,552 |

(A) PAID LOSSES ARE ADJUSTED BY THE FOLLOWING:

1 - LOSS ADJUSTMENT EXPENSE FACTORS:

| O.T.C | COLL. |
|-------|-------|
| 1.130 | 1.130 |

2 - LOSS DEVELOPMENT FACTORS:

| YEAR ENDING | O.T.C. | COLL. |
|-------------|--------|-------|
| 12/31/14 | 1.000 | 1.000 |
| 12/31/15 | 1.000 | 1.000 |
| 12/31/16 | 1.000 | 0.999 |
| 12/31/17 | 1.001 | 0.993 |
| 12/31/18 | 1.011 | 0.946 |

(B) TRENDED LOSSES ARE EQUAL TO (2) * ((1.0 + (3)) ** N), WHERE N IS EQUAL TO THE NUMBER OF YEARS PROJECTION FROM THE AVERAGE DATE OF ACCIDENT TO ONE YEAR BEYOND THE ANTICIPATED IMPLEMENTATION DATE OF 09/01/20 WHICH IS ASSUMED FOR THE PURPOSE OF TRENDING BOTH OTC AND COLLISION.

| YEAR ENDING | AVERAGE DATE OF ACCIDENT | PROJECTION PERIOD OTC | PROJECTION PERIOD COLL |
|-------------|-----------------------------|--------------------------|---------------------------|
| 12/31/14 | 7/1/14 | 7.167 | 7.167 |
| 12/31/15 | 7/1/15 | 6.167 | 6.167 |
| 12/31/16 | 7/1/16 | 5.167 | 5.167 |
| 12/31/17 | 7/1/17 | 4.167 | 4.167 |
| 12/31/18 | 7/1/18 | 3.167 | 3.167 |

INSURANCE SERVICES OFFICE, INC.

KENTUCKY
PRIVATE PASSENGER TYPES
AUTOMOBILE PHYSICAL DAMAGE INSURANCE
DETERMINATION OF PHYSICAL DAMAGE TRENDED
AGGREGATE LOSS COSTS

| | ACC. YEAR ENDING | O.T.C | COLLISION |
|--------------------------|---------------------|-------------|-------------|
| (1) AGGREGATE LOSS COSTS | 12/31/14 | \$1,264,066 | \$2,704,216 |
| AT CURRENT LEVEL | 12/31/15 | \$1,283,610 | \$2,746,112 |
| | 12/31/16 | \$1,337,694 | \$2,752,011 |
| | 12/31/17 | \$1,266,534 | \$2,707,552 |
| | 12/31/18 | \$1,184,374 | \$2,564,071 |
| (2) SELECTED ANNUAL OCN | | | |
| TREND (SEE TREND | | 1.0% | 0.6% |
| EXHIBIT IN SECTION C) | | | |
| (3) TRENDED AGGREGATE | 12/31/14 | \$1,357,607 | \$2,823,202 |
| LOSS COSTS AT | 12/31/15 | \$1,364,477 | \$2,850,464 |
| CURRENT LEVEL (A) | 12/31/16 | \$1,408,592 | \$2,837,323 |
| | 12/31/17 | \$1,319,728 | \$2,775,241 |
| | 12/31/18 | \$1,222,274 | \$2,612,788 |

(A) TRENDED AGGREGATE LOSS COSTS ARE EQUAL TO (1) * ((1.0 + (2)) ** N),
WHERE N IS EQUAL TO THE NUMBER OF YEARS PROJECTION FROM THE AVERAGE DATE OF
WRITING TO SIX MONTHS BEYOND THE ANTICIPATED IMPLEMENTATION DATE OF
09/01/20 WHICH IS ASSUMED FOR THE PURPOSE OF TRENDING BOTH OTC
AND COLLISION.

| YEAR ENDING | AVERAGE DATE OF WRITING | PROJECTION PERIOD OTC | PROJECTION PERIOD COLL |
|-------------|----------------------------|--------------------------|---------------------------|
| 12/31/14 | 1/1/14 | 7.167 | 7.167 |
| 12/31/15 | 1/1/15 | 6.167 | 6.167 |
| 12/31/16 | 1/1/16 | 5.167 | 5.167 |
| 12/31/17 | 1/1/17 | 4.167 | 4.167 |
| 12/31/18 | 1/1/18 | 3.167 | 3.167 |

INSURANCE SERVICES OFFICE, INC.

KENTUCKY
COMMERCIAL AUTOMOBILE INSURANCE
SINGLE LIMIT LIABILITY
GROUP (C)

DETERMINATION OF LOSS COST LEVEL CHANGES BY TERRITORY
TRUCKS, TRACTORS, AND TRAILERS (TTT)

| | (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) | (9) | (10) | (11) |
|-----|------------|----------|------------|-------|------|-------|--------|-------|-------|-------|-------|
| T | EARNED CAR | \$100000 | EXPER LOSS | | | | | BASE | BASE | BASE | ADV |
| E | YRS YR | UND | COST 5 YRS | | | | INDEX | CLASS | CLASS | CLASS | LOSS |
| R | ENDED | LOSS | END | EXPER | | FORM | (6) TO | LOSS | LOSS | LOSS | LOSS |
| R | 12/31/2018 | COST | 12/31/2018 | RATIO | CRED | RATIO | STATE | COST | COST | COST | COST |
| | | | | | | | | PRES | IND* | REV | CHG** |
| 101 | 13132 | 551.03 | 615.30 | 1.117 | 0.50 | 1.096 | 1.018 | 495 | 528 | 528 | 6.7% |
| 102 | 4442 | 333.10 | 340.27 | 1.022 | 0.25 | 1.062 | 0.986 | 293 | 302 | 302 | 3.1% |
| 103 | 6844 | 405.09 | 392.63 | 0.969 | 0.30 | 1.043 | 0.968 | 405 | 410 | 410 | 1.2% |
| 104 | 1956 | 285.67 | 237.28 | 0.831 | 0.10 | 1.051 | 0.976 | 257 | 263 | 263 | 2.3% |
| 105 | 1460 | 319.49 | 293.99 | 0.920 | 0.10 | 1.060 | 0.984 | 267 | 275 | 275 | 3.0% |
| 106 | 10339 | 399.32 | 426.99 | 1.069 | 0.30 | 1.073 | 0.996 | 323 | 337 | 337 | 4.3% |
| 107 | 3264 | 267.61 | 343.30 | 1.283 | 0.15 | 1.106 | 1.027 | 258 | 277 | 277 | 7.4% |
| 109 | 9323 | 261.17 | 318.62 | 1.220 | 0.30 | 1.119 | 1.039 | 235 | 256 | 256 | 8.9% |
| 110 | 3059 | 290.71 | 389.78 | 1.341 | 0.15 | 1.115 | 1.035 | 280 | 304 | 304 | 8.6% |
| 112 | 13972 | 199.15 | 201.78 | 1.013 | 0.30 | 1.056 | 0.981 | 197 | 202 | 202 | 2.5% |
| 113 | 1227 | 353.75 | 393.33 | 1.112 | 0.10 | 1.079 | 1.002 | 348 | 365 | 365 | 4.9% |
| 114 | 2564 | 307.54 | 320.80 | 1.043 | 0.15 | 1.070 | 0.994 | 278 | 289 | 289 | 4.0% |
| 115 | 1087 | 245.53 | 271.32 | 1.105 | 0.10 | 1.078 | 1.001 | 251 | 263 | 263 | 4.8% |
| 116 | 3415 | 354.21 | 374.36 | 1.057 | 0.20 | 1.071 | 0.994 | 326 | 339 | 339 | 4.0% |
| 117 | 5973 | 311.60 | 318.74 | 1.023 | 0.25 | 1.062 | 0.986 | 319 | 329 | 329 | 3.1% |
| 118 | 5805 | 259.31 | 249.55 | 0.962 | 0.20 | 1.052 | 0.977 | 228 | 233 | 233 | 2.2% |
| SW | 87862 | 337.89 | 363.30 | 1.075 | | 1.077 | | | | | |

* KEYED TO A STATEWIDE LOSS COST CHANGE OF 4.7 PERCENT.

** PERCENTAGE CHANGE IN LOSS COST IS (COL 10/COL 8)

INSURANCE SERVICES OFFICE, INC.

KENTUCKY
COMMERCIAL AUTOMOBILE INSURANCE
PERSONAL INJURY PROTECTION

DETERMINATION OF LOSS COST LEVEL CHANGES BY TERRITORY
TRUCKS, TRACTORS, AND TRAILERS (TTT)

| | (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) | (9) | (10) | (11) |
|-----|------------|--------|------------|-------|------|-------|--------|-------|-------|-------|--------|
| T | EARNED CAR | P.I.P. | EXPER LOSS | | | | | BASE | BASE | BASE | ADV |
| E | YRS YR | UND | COST 5 YRS | | | | INDEX | CLASS | CLASS | CLASS | LOSS |
| R | ENDED | LOSS | END | EXPER | | FORM | (6) TO | LOSS | LOSS | LOSS | COST |
| R | 12/31/2018 | COST | 12/31/2018 | RATIO | CRED | RATIO | STATE | COST | COST | COST | CHG** |
| | | | | | | | | PRES | IND* | REV | |
| 101 | 13066 | 17.59 | 19.58 | 1.113 | 0.30 | 0.963 | 1.064 | 29 | 29 | 29 | 0.0% |
| 102 | 4359 | 9.56 | 7.94 | 0.831 | 0.15 | 0.889 | 0.982 | 15 | 14 | 14 | -6.7% |
| 103 | 6661 | 15.56 | 13.10 | 0.842 | 0.15 | 0.890 | 0.983 | 27 | 25 | 25 | -7.4% |
| 104 | 2034 | 10.37 | 6.54 | 0.631 | 0.05 | 0.886 | 0.979 | 17 | 15 | 15 | -11.8% |
| 105 | 1450 | 10.22 | 25.59 | 2.504 | 0.10 | 1.060 | 1.171 | 16 | 17 | 17 | 6.3% |
| 106 | 10133 | 18.12 | 12.98 | 0.716 | 0.20 | 0.862 | 0.952 | 30 | 26 | 26 | -13.3% |
| 107 | 2821 | 8.73 | 6.60 | 0.756 | 0.05 | 0.892 | 0.986 | 15 | 14 | 14 | -6.7% |
| 109 | 8781 | 11.51 | 10.96 | 0.952 | 0.20 | 0.910 | 1.006 | 20 | 19 | 19 | -5.0% |
| 110 | 3012 | 12.47 | 7.43 | 0.596 | 0.10 | 0.869 | 0.960 | 21 | 19 | 19 | -9.5% |
| 112 | 12347 | 9.37 | 6.97 | 0.744 | 0.20 | 0.868 | 0.959 | 16 | 14 | 14 | -12.5% |
| 113 | 1134 | 15.30 | 6.69 | 0.437 | 0.05 | 0.876 | 0.968 | 25 | 22 | 22 | -12.0% |
| 114 | 2427 | 9.47 | 9.59 | 1.013 | 0.10 | 0.910 | 1.006 | 16 | 15 | 15 | -6.3% |
| 115 | 1041 | 12.22 | 13.28 | 1.087 | 0.05 | 0.908 | 1.003 | 20 | 19 | 19 | -5.0% |
| 116 | 3161 | 10.69 | 6.13 | 0.573 | 0.10 | 0.866 | 0.957 | 18 | 16 | 16 | -11.1% |
| 117 | 5949 | 12.47 | 12.51 | 1.003 | 0.15 | 0.915 | 1.011 | 22 | 21 | 21 | -4.5% |
| 118 | 5379 | 11.00 | 11.49 | 1.045 | 0.15 | 0.921 | 1.018 | 18 | 17 | 17 | -5.6% |
| SW | 83755 | 13.06 | 11.74 | 0.899 | | 0.905 | | | | | |

* KEYED TO A STATEWIDE LOSS COST CHANGE OF -7.2 PERCENT.

** PERCENTAGE CHANGE IN LOSS COST IS (COL 10/COL 8)

INSURANCE SERVICES OFFICE, INC.

KENTUCKY
COMMERCIAL AUTOMOBILE INSURANCE
SINGLE LIMIT LIABILITY
GROUP (C)

DETERMINATION OF LOSS COST LEVEL CHANGES BY TERRITORY
PRIVATE PASSENGER TYPES (PPT)

| | (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) | (9) |
|-----|------------|----------|------------|-------|------|-------|--------|-------|-------|
| T | EARNED CAR | \$100000 | EXPER LOSS | | | | | BASE | BASE |
| E | YRS YR | UND | COST 5 YRS | | | | INDEX | CLASS | CLASS |
| R | ENDED | LOSS | END | EXPER | | FORM | (6) TO | LOSS | LOSS |
| R | 12/31/2018 | COST | 12/31/2018 | RATIO | CRED | RATIO | STATE | COST | COST |
| | | | | | | | | PRES | IND* |
| 101 | 3227 | 432.51 | 451.06 | 1.043 | 0.25 | 1.028 | 1.004 | 420 | 428 |
| 102 | 1253 | 273.42 | 303.64 | 1.111 | 0.10 | 1.032 | 1.008 | 270 | 276 |
| 103 | 1820 | 368.45 | 400.60 | 1.087 | 0.15 | 1.033 | 1.009 | 362 | 371 |
| 104 | 393 | 260.65 | 240.31 | 0.922 | 0.05 | 1.018 | 0.994 | 257 | 259 |
| 105 | 281 | 334.16 | 240.65 | 0.720 | 0.05 | 1.008 | 0.984 | 327 | 327 |
| 106 | 1961 | 323.67 | 262.65 | 0.811 | 0.10 | 1.002 | 0.979 | 316 | 314 |
| 107 | 653 | 287.79 | 233.44 | 0.811 | 0.05 | 1.012 | 0.988 | 289 | 290 |
| 109 | 1534 | 273.79 | 280.34 | 1.024 | 0.10 | 1.023 | 0.999 | 279 | 283 |
| 110 | 434 | 274.07 | 383.21 | 1.398 | 0.05 | 1.042 | 1.018 | 274 | 283 |
| 112 | 2237 | 233.19 | 222.44 | 0.954 | 0.15 | 1.013 | 0.989 | 233 | 234 |
| 113 | 170 | 338.50 | 290.48 | 0.858 | 0.00 | 1.023 | 0.999 | 321 | 325 |
| 114 | 389 | 295.36 | 359.59 | 1.217 | 0.05 | 1.033 | 1.009 | 296 | 303 |
| 115 | 147 | 309.64 | 483.41 | 1.561 | 0.05 | 1.050 | 1.025 | 301 | 313 |
| 116 | 621 | 248.81 | 271.24 | 1.090 | 0.10 | 1.030 | 1.006 | 244 | 249 |
| 117 | 1207 | 262.20 | 414.56 | 1.581 | 0.10 | 1.079 | 1.054 | 258 | 276 |
| 118 | 1053 | 303.18 | 195.72 | 0.646 | 0.10 | 0.985 | 0.962 | 299 | 292 |
| SW | 17380 | 316.26 | 323.58 | 1.023 | | 1.024 | | | |

* KEYED TO A STATEWIDE LOSS COST CHANGE OF 1.5 PERCENT.

DUE TO THE MODEST INDICATION, WE WILL NOT BE FILING THESE
INDICATED LOSS COSTS. THE LOSS COSTS IN COLUMN (8) REMAIN IN EFFECT.

INSURANCE SERVICES OFFICE, INC.

KENTUCKY
COMMERCIAL AUTOMOBILE INSURANCE
PERSONAL INJURY PROTECTION

DETERMINATION OF LOSS COST LEVEL CHANGES BY TERRITORY
PRIVATE PASSENGER TYPES (PPT)

| | (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) | (9) |
|-----|------------|--------|------------|-------|------|-------|--------|-------|-------|
| T | EARNED CAR | P.I.P. | EXPER LOSS | | | | | BASE | BASE |
| E | YRS YR | UND | COST 5 YRS | | | | INDEX | CLASS | CLASS |
| R | ENDED | LOSS | END | EXPER | | FORM | (6) TO | LOSS | LOSS |
| R | 12/31/2018 | COST | 12/31/2018 | RATIO | CRED | RATIO | STATE | COST | COST |
| | | | | | | | | PRES | IND* |
| 101 | 3147 | 34.63 | 33.15 | 0.957 | 0.20 | 0.919 | 1.007 | 44 | 43 |
| 102 | 1132 | 21.34 | 32.50 | 1.523 | 0.10 | 0.970 | 1.062 | 27 | 28 |
| 103 | 1671 | 27.44 | 25.30 | 0.922 | 0.15 | 0.911 | 0.998 | 36 | 35 |
| 104 | 319 | 22.52 | 37.32 | 1.657 | 0.05 | 0.946 | 1.036 | 30 | 30 |
| 105 | 237 | 24.23 | 15.14 | 0.625 | 0.00 | 0.909 | 0.996 | 32 | 31 |
| 106 | 1870 | 40.90 | 24.49 | 0.599 | 0.10 | 0.878 | 0.962 | 52 | 49 |
| 107 | 623 | 21.44 | 18.17 | 0.847 | 0.05 | 0.906 | 0.992 | 28 | 27 |
| 109 | 1420 | 25.09 | 16.77 | 0.668 | 0.10 | 0.885 | 0.969 | 33 | 31 |
| 110 | 437 | 38.36 | 38.60 | 1.006 | 0.05 | 0.914 | 1.001 | 47 | 46 |
| 112 | 1985 | 25.08 | 31.83 | 1.269 | 0.15 | 0.963 | 1.055 | 32 | 33 |
| 113 | 167 | 46.43 | 39.91 | 0.860 | 0.05 | 0.907 | 0.993 | 56 | 54 |
| 114 | 338 | 36.72 | 15.71 | 0.428 | 0.05 | 0.885 | 0.969 | 47 | 44 |
| 115 | 138 | 44.91 | 32.21 | 0.717 | 0.00 | 0.909 | 0.996 | 57 | 55 |
| 116 | 595 | 20.08 | 8.43 | 0.420 | 0.05 | 0.885 | 0.969 | 26 | 25 |
| 117 | 1170 | 28.34 | 27.08 | 0.956 | 0.10 | 0.914 | 1.001 | 36 | 35 |
| 118 | 991 | 30.10 | 28.41 | 0.944 | 0.10 | 0.913 | 1.000 | 38 | 37 |
| SW | 16240 | 29.88 | 27.16 | 0.909 | | 0.913 | | | |

* KEYED TO A STATEWIDE LOSS COST CHANGE OF -2.5 PERCENT.

DUE TO THE MODEST INDICATION, WE WILL NOT BE FILING THESE
INDICATED LOSS COSTS. THE LOSS COSTS IN COLUMN (8) REMAIN IN EFFECT.

INSURANCE SERVICES OFFICE, INC.

KENTUCKY
COMMERCIAL AUTOMOBILE INSURANCE
PHYSICAL DAMAGE - COMPREHENSIVE

DETERMINATION OF LOSS COST LEVEL CHANGES BY TERRITORY
TRUCKS, TRACTORS, AND TRAILERS (TTT)

| | (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) | (9) | (10) | (11) |
|-----|------------|--------|------------|-------|------|-------|--------|-------|-------|-------|-----------|
| T | EARNED CAR | | EXPER LOSS | | | | | BASE | BASE | BASE | ADV |
| E | YRS YR | UND | COST 5 YRS | | | | INDEX | CLASS | CLASS | CLASS | LOSS |
| R | ENDED | LOSS | END | EXPER | | FORM | (6) TO | LOSS | LOSS | LOSS | LOSS |
| R | 12/31/2018 | COST | 12/31/2018 | RATIO | CRED | RATIO | STATE | COST | COST | COST | COST |
| | | | | | | | | PRES | IND* | REV | CHG** |
| 101 | 7267 | 87.56 | 100.50 | 1.148 | 0.35 | 1.125 | 1.011 | 126 | 139 | 139 | 10.3% |
| 102 | 2586 | 66.98 | 61.83 | 0.923 | 0.20 | 1.074 | 0.965 | 97 | 102 | 102 | 5.2% |
| 103 | 4027 | 66.42 | 71.58 | 1.078 | 0.20 | 1.105 | 0.993 | 102 | 110 | 110 | 7.8% |
| 104 | 1190 | 92.13 | 77.23 | 0.838 | 0.10 | 1.085 | 0.975 | 140 | 149 | 149 | 6.4% |
| 105 | 968 | 70.76 | 73.10 | 1.033 | 0.10 | 1.104 | 0.992 | 104 | 112 | 112 | 7.7% |
| 106 | 5885 | 92.73 | 85.03 | 0.917 | 0.25 | 1.063 | 0.955 | 133 | 138 | 138 | 3.8% |
| 107 | 1643 | 73.83 | 62.46 | 0.846 | 0.10 | 1.085 | 0.975 | 117 | 124 | 124 | 6.0% |
| 109 | 4672 | 74.69 | 93.66 | 1.254 | 0.25 | 1.148 | 1.031 | 114 | 128 | 128 | 12.3% |
| 110 | 1649 | 76.84 | 107.64 | 1.401 | 0.10 | 1.141 | 1.025 | 125 | 139 | 139 | 11.2% |
| 112 | 6711 | 105.53 | 110.89 | 1.051 | 0.30 | 1.094 | 0.983 | 170 | 182 | 182 | 7.1% |
| 113 | 556 | 76.40 | 101.17 | 1.324 | 0.10 | 1.133 | 1.018 | 120 | 133 | 133 | 10.8% |
| 114 | 1638 | 68.03 | 69.97 | 1.029 | 0.10 | 1.104 | 0.992 | 101 | 109 | 109 | 7.9% |
| 115 | 720 | 77.49 | 79.34 | 1.024 | 0.10 | 1.103 | 0.991 | 127 | 137 | 137 | 7.9% |
| 116 | 1653 | 90.84 | 67.59 | 0.744 | 0.15 | 1.057 | 0.950 | 127 | 131 | 131 | 3.1% |
| 117 | 3829 | 62.55 | 112.28 | 1.795 | 0.20 | 1.249 | 1.122 | 102 | 125 | 117 | 14.7% *** |
| 118 | 3434 | 79.96 | 103.06 | 1.289 | 0.20 | 1.147 | 1.031 | 123 | 138 | 138 | 12.2% |
| SW | 48428 | 82.18 | 91.41 | 1.112 | | 1.113 | | | | | |

* KEYED TO A STATEWIDE LOSS COST CHANGE OF 8.8 PERCENT.

** PERCENTAGE CHANGE IN LOSS COST IS (COL 10/COL 8)

*** THE TRUCKS, TRACTORS, AND TRAILERS COMPREHENSIVE LOSS COST FOR TERRITORY 117 WAS CAPPED FOR STABILITY.

INSURANCE SERVICES OFFICE, INC.

KENTUCKY
COMMERCIAL AUTOMOBILE INSURANCE
PHYSICAL DAMAGE - COLLISION

DETERMINATION OF LOSS COST LEVEL CHANGES BY TERRITORY
TRUCKS, TRACTORS, AND TRAILERS (TTT)

| | (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) | (9) | (10) | (11) |
|------------------|---|---------------------|---|----------------|------|---------------|--------------------------|---------------------------------------|---------------------------------------|--------------------------------------|------------------------------|
| T E R R | EARNED CAR YRS YR ENDED 12/31/2018 | UND LOSS COST | EXPER LOSS COST 5 YRS END 12/31/2018 | EXPER RATIO | CRED | FORM RATIO | INDEX (6) TO STATE | BASE CLASS LOSS COST PRES | BASE CLASS LOSS COST IND* | BASE CLASS LOSS COST REV | ADV LOSS COST CHG** |
| 101 | 7806 | 216.95 | 213.11 | 0.982 | 0.45 | 0.972 | 1.010 | 233 | 224 | 224 | -3.9% |
| 102 | 2602 | 146.08 | 135.33 | 0.926 | 0.20 | 0.956 | 0.994 | 173 | 163 | 163 | -5.8% |
| 103 | 4160 | 196.05 | 175.02 | 0.893 | 0.30 | 0.942 | 0.979 | 231 | 215 | 215 | -6.9% |
| 104 | 1289 | 163.11 | 121.92 | 0.747 | 0.10 | 0.941 | 0.978 | 192 | 178 | 178 | -7.3% |
| 105 | 939 | 240.53 | 285.65 | 1.188 | 0.10 | 0.986 | 1.025 | 249 | 243 | 243 | -2.4% |
| 106 | 5481 | 277.31 | 246.08 | 0.887 | 0.25 | 0.944 | 0.981 | 274 | 255 | 255 | -6.9% |
| 107 | 1548 | 192.37 | 201.92 | 1.050 | 0.15 | 0.976 | 1.015 | 236 | 228 | 228 | -3.4% |
| 109 | 4596 | 197.75 | 218.58 | 1.105 | 0.25 | 0.999 | 1.038 | 205 | 202 | 202 | -1.5% |
| 110 | 1631 | 174.48 | 181.86 | 1.042 | 0.10 | 0.971 | 1.009 | 198 | 190 | 190 | -4.0% |
| 112 | 6524 | 196.47 | 170.61 | 0.868 | 0.30 | 0.935 | 0.972 | 219 | 202 | 202 | -7.8% |
| 113 | 611 | 154.88 | 194.19 | 1.254 | 0.10 | 0.992 | 1.031 | 195 | 191 | 191 | -2.1% |
| 114 | 1619 | 173.94 | 179.00 | 1.029 | 0.10 | 0.970 | 1.008 | 193 | 185 | 185 | -4.1% |
| 115 | 741 | 144.41 | 110.96 | 0.768 | 0.10 | 0.944 | 0.981 | 185 | 172 | 172 | -7.0% |
| 116 | 1670 | 183.07 | 155.01 | 0.847 | 0.15 | 0.946 | 0.983 | 191 | 178 | 178 | -6.8% |
| 117 | 3826 | 189.99 | 200.22 | 1.054 | 0.25 | 0.986 | 1.025 | 232 | 226 | 226 | -2.6% |
| 118 | 3400 | 192.26 | 194.79 | 1.013 | 0.20 | 0.973 | 1.011 | 216 | 207 | 207 | -4.2% |
| SW | 48443 | 202.05 | 194.51 | 0.963 | | 0.962 | | | | | |

* KEYED TO A STATEWIDE LOSS COST CHANGE OF -5.0 PERCENT.

** PERCENTAGE CHANGE IN LOSS COST IS (COL 10/COL 8)

INSURANCE SERVICES OFFICE, INC.

KENTUCKY
COMMERCIAL AUTOMOBILE INSURANCE
PHYSICAL DAMAGE - COMPREHENSIVE

DETERMINATION OF LOSS COST LEVEL CHANGES BY TERRITORY
PRIVATE PASSENGER TYPES (PPT)

| | (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) | (9) | (10) | (11) |
|-----|------------|--------|------------|-------|------|-------|--------|-------|-------|-------|-------|
| T | EARNED CAR | | EXPER LOSS | | | | | BASE | BASE | BASE | ADV |
| E | YRS YR | UND | COST 5 YRS | | | | INDEX | CLASS | CLASS | CLASS | LOSS |
| R | ENDED | LOSS | END | EXPER | | FORM | (6) TO | LOSS | LOSS | LOSS | LOSS |
| R | 12/31/2018 | COST | 12/31/2018 | RATIO | CRED | RATIO | STATE | COST | COST | COST | COST |
| | | | | | | | | PRES | IND* | REV | CHG** |
| 101 | 2221 | 114.87 | 106.49 | 0.927 | 0.25 | 1.035 | 0.966 | 105 | 105 | 105 | 0.0% |
| 102 | 869 | 95.77 | 123.50 | 1.290 | 0.15 | 1.104 | 1.031 | 87 | 92 | 92 | 5.7% |
| 103 | 1284 | 88.85 | 102.08 | 1.149 | 0.15 | 1.083 | 1.011 | 77 | 80 | 80 | 3.9% |
| 104 | 252 | 183.22 | 115.36 | 0.630 | 0.05 | 1.049 | 0.979 | 170 | 172 | 172 | 1.2% |
| 105 | 153 | 76.21 | 98.78 | 1.296 | 0.05 | 1.082 | 1.010 | 77 | 80 | 80 | 3.9% |
| 106 | 1252 | 87.50 | 111.35 | 1.273 | 0.15 | 1.101 | 1.028 | 86 | 91 | 91 | 5.8% |
| 107 | 417 | 122.61 | 80.64 | 0.658 | 0.10 | 1.030 | 0.962 | 125 | 124 | 124 | -0.8% |
| 109 | 863 | 120.70 | 142.19 | 1.178 | 0.15 | 1.087 | 1.015 | 121 | 127 | 127 | 5.0% |
| 110 | 210 | 181.15 | 101.31 | 0.559 | 0.05 | 1.045 | 0.976 | 162 | 163 | 163 | 0.6% |
| 112 | 1253 | 142.88 | 159.16 | 1.114 | 0.20 | 1.080 | 1.008 | 140 | 145 | 145 | 3.6% |
| 113 | 99 | 95.19 | 33.03 | 0.347 | 0.00 | 1.071 | 1.000 | 97 | 100 | 100 | 3.1% |
| 114 | 286 | 88.80 | 174.28 | 1.963 | 0.05 | 1.116 | 1.042 | 93 | 100 | 100 | 7.5% |
| 115 | 103 | 119.95 | 97.81 | 0.815 | 0.05 | 1.058 | 0.988 | 115 | 117 | 117 | 1.7% |
| 116 | 431 | 99.13 | 92.90 | 0.937 | 0.10 | 1.058 | 0.988 | 88 | 90 | 90 | 2.3% |
| 117 | 816 | 87.00 | 79.62 | 0.915 | 0.10 | 1.055 | 0.985 | 80 | 81 | 81 | 1.3% |
| 118 | 731 | 94.67 | 143.42 | 1.515 | 0.10 | 1.115 | 1.041 | 93 | 100 | 100 | 7.5% |
| SW | 11240 | 108.74 | 116.42 | 1.071 | | 1.071 | | | | | |

* KEYED TO A STATEWIDE LOSS COST CHANGE OF 3.1 PERCENT.

** PERCENTAGE CHANGE IN LOSS COST IS (COL 10/COL 8)

INSURANCE SERVICES OFFICE, INC.

KENTUCKY
COMMERCIAL AUTOMOBILE INSURANCE
PHYSICAL DAMAGE - COLLISION

DETERMINATION OF LOSS COST LEVEL CHANGES BY TERRITORY
PRIVATE PASSENGER TYPES (PPT)

| | (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) | (9) | (10) | (11) |
|-----|------------|--------|------------|-------|------|-------|--------|-------|-------|-------|-------|
| T | EARNED CAR | | EXPER LOSS | | | | | BASE | BASE | BASE | ADV |
| E | YRS YR | UND | COST 5 YRS | | | | INDEX | CLASS | CLASS | CLASS | LOSS |
| R | ENDED | LOSS | END | EXPER | | FORM | (6) TO | LOSS | LOSS | LOSS | LOSS |
| R | 12/31/2018 | COST | 12/31/2018 | RATIO | CRED | RATIO | STATE | COST | COST | COST | COST |
| | | | | | | | | PRES | IND* | REV | CHG** |
| 101 | 2343 | 270.79 | 245.53 | 0.907 | 0.40 | 0.947 | 0.971 | 325 | 305 | 305 | -6.2% |
| 102 | 873 | 216.92 | 233.89 | 1.078 | 0.20 | 0.995 | 1.021 | 265 | 261 | 261 | -1.5% |
| 103 | 1315 | 241.05 | 282.82 | 1.173 | 0.25 | 1.024 | 1.050 | 281 | 285 | 285 | 1.4% |
| 104 | 267 | 215.36 | 151.08 | 0.702 | 0.10 | 0.947 | 0.971 | 258 | 242 | 242 | -6.2% |
| 105 | 158 | 174.38 | 134.85 | 0.773 | 0.05 | 0.964 | 0.989 | 243 | 232 | 232 | -4.5% |
| 106 | 1334 | 195.64 | 162.33 | 0.830 | 0.20 | 0.945 | 0.969 | 246 | 230 | 230 | -6.5% |
| 107 | 427 | 180.79 | 151.67 | 0.839 | 0.10 | 0.961 | 0.986 | 245 | 233 | 233 | -4.9% |
| 109 | 863 | 208.14 | 185.88 | 0.893 | 0.15 | 0.962 | 0.987 | 282 | 269 | 269 | -4.6% |
| 110 | 228 | 231.53 | 235.60 | 1.018 | 0.10 | 0.978 | 1.003 | 273 | 265 | 265 | -2.9% |
| 112 | 1220 | 190.37 | 230.71 | 1.212 | 0.25 | 1.034 | 1.061 | 248 | 254 | 254 | 2.4% |
| 113 | 114 | 197.23 | 149.16 | 0.756 | 0.05 | 0.963 | 0.988 | 248 | 237 | 237 | -4.4% |
| 114 | 275 | 185.51 | 190.68 | 1.028 | 0.10 | 0.979 | 1.004 | 252 | 244 | 244 | -3.2% |
| 115 | 108 | 226.05 | 269.01 | 1.190 | 0.05 | 0.985 | 1.010 | 283 | 276 | 276 | -2.5% |
| 116 | 439 | 274.54 | 260.56 | 0.949 | 0.15 | 0.970 | 0.995 | 317 | 305 | 305 | -3.8% |
| 117 | 859 | 245.30 | 259.82 | 1.059 | 0.20 | 0.991 | 1.016 | 302 | 296 | 296 | -2.0% |
| 118 | 740 | 209.38 | 159.29 | 0.761 | 0.15 | 0.942 | 0.966 | 272 | 254 | 254 | -6.6% |
| SW | 11563 | 225.96 | 220.00 | 0.974 | | 0.975 | | | | | |

* KEYED TO A STATEWIDE LOSS COST CHANGE OF -3.4 PERCENT.

** PERCENTAGE CHANGE IN LOSS COST IS (COL 10/COL 8)

INSURANCE SERVICES OFFICE, INC.

COMMERCIAL AUTOMOBILE LIABILITY INSURANCE
MULTISTATE LOSS ADJUSTMENT EXPENSE EXPERIENCE

Calendar Year

Development of Unallocated Loss Adjustment Expense Factor

| | | <u>Bodily Injury</u> (000's) | | | | | 3 YR. | 5 YR. |
|-----|--|---------------------------------|-------------|-------------|-------------|-------------|------------|------------|
| | | <u>2013</u> | <u>2014</u> | <u>2015</u> | <u>2016</u> | <u>2017</u> | <u>AVG</u> | <u>AVG</u> |
| (1) | ITEM Direct Losses Incurred | 4,201,981 | 4,808,966 | 5,392,813 | 5,762,768 | 6,343,079 | | |
| (2) | Allocated Loss Adjustment Expenses Incurred | 480,882 | 516,366 | 609,253 | 669,634 | 692,813 | | |
| (3) | Unallocated Loss Adjustment Expense Incurred | 431,513 | 471,206 | 478,672 | 478,481 | 509,596 | | |
| (4) | Unallocated LAE as a Ratio to Losses + Allocated LAE (3)/[(1)+(2)] | 9.2% | 8.8% | 8.0% | 7.4% | 7.2% | 7.6% | 8.1% |
| (5) | Selected Factor | | | | | | | 7.5% |

| | | <u>Property Damage</u> (000's) | | | | | 3 YR. | 5 YR. |
|-----|--|-----------------------------------|-------------|-------------|-------------|-------------|------------|------------|
| | | <u>2013</u> | <u>2014</u> | <u>2015</u> | <u>2016</u> | <u>2017</u> | <u>AVG</u> | <u>AVG</u> |
| (1) | ITEM Direct Losses Incurred | 965,963 | 1,036,103 | 1,144,361 | 1,240,811 | 1,278,538 | | |
| (2) | Allocated Loss Adjustment Expenses Incurred | 70,743 | 69,240 | 85,269 | 72,162 | 83,354 | | |
| (3) | Unallocated Loss Adjustment Expense Incurred | 113,312 | 129,347 | 129,840 | 127,728 | 134,901 | | |
| (4) | Unallocated LAE as a Ratio to Losses + Allocated LAE (3)/[(1)+(2)] | 10.9% | 11.7% | 10.6% | 9.7% | 9.9% | 10.1% | 10.6% |
| (5) | Selected Factor | | | | | | | 10.0% |

All items are from Special Call Submission for available writers.

INSURANCE SERVICES OFFICE, INC.

COMMERCIAL AUTOMOBILE PHYSICAL DAMAGE INSURANCE
MULTISTATE LOSS ADJUSTMENT EXPENSE EXPERIENCE

Calendar Year

Development of Factor to Include all Loss Adjustment Expenses

| | | (000's) | | | | | 3 YR. | 5 YR. |
|-----|---|-------------|-------------|-------------|-------------|-------------|------------|------------|
| | | <u>2013</u> | <u>2014</u> | <u>2015</u> | <u>2016</u> | <u>2017</u> | <u>AVG</u> | <u>AVG</u> |
| (1) | ITEM Direct Losses Incurred | 3,615,666 | 4,009,807 | 4,293,030 | 4,806,080 | 5,434,351 | | |
| (2) | Loss Adjustment Expenses Incurred | 581,191 | 657,537 | 578,445 | 622,951 | 702,920 | | |
| (3) | Losses + LAE Incurred as Ratio to Losses Incurred [(1)+(2)]/(1) | 1.161 | 1.164 | 1.135 | 1.130 | 1.129 | 1.131 | 1.144 |
| (4) | Selected | | | | | | | 1.130 |

Items (1) and (2) are from the Insurance Expense Exhibits for agency and direct writers.

INSURANCE SERVICES OFFICE, INC.

COMMERCIAL AUTO LIABILITY
DETERMINATION OF FACTORS TO ADJUST ACCIDENT YEAR
LOSS RATIOS FOR SUBSEQUENT CHANGES

AVERAGE PAID CLAIM COST DATA

| YEAR ENDED | KENTUCKY | | | | MULTISTATE* | | | |
|---------------|------------------------------------|--------------------|--------------------------------------|--------------------|------------------------------------|--------------------|--------------------------------------|--------------------|
| | BODILY INJURY (\$100000 LIMITS) | | PROPERTY DAMAGE (\$100000 LIMITS) | | BODILY INJURY (\$100000 LIMITS) | | PROPERTY DAMAGE (\$100000 LIMITS) | |
| | (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) |
| | ACTUAL | EXPONENTIAL FIT | ACTUAL | EXPONENTIAL FIT | ACTUAL | EXPONENTIAL FIT | ACTUAL | EXPONENTIAL FIT |
| 3/31/2016 | 19469.34 | 20066.17 | 3887.70 | 4008.68 | 21452.49 | 21338.63 | 4097.81 | 4094.24 |
| 6/30/2016 | 20443.48 | 20260.49 | 3982.89 | 4034.85 | 21640.70 | 21626.08 | 4157.45 | 4137.34 |
| 9/30/2016 | 20215.49 | 20456.69 | 4102.99 | 4061.19 | 22032.66 | 21917.40 | 4185.35 | 4180.90 |
| 12/31/2016 | 20264.73 | 20654.79 | 4155.48 | 4087.71 | 22305.11 | 22212.64 | 4228.88 | 4224.91 |
| 3/31/2017 | 21343.20 | 20854.81 | 4196.14 | 4114.40 | 22511.43 | 22511.86 | 4273.58 | 4269.39 |
| 6/30/2017 | 21495.21 | 21056.77 | 4207.44 | 4141.26 | 22784.19 | 22815.11 | 4296.48 | 4314.33 |
| 9/30/2017 | 21250.85 | 21260.69 | 4355.98 | 4168.30 | 22751.25 | 23122.44 | 4347.40 | 4359.75 |
| 12/31/2017 | 22237.57 | 21466.57 | 4159.93 | 4195.51 | 23154.91 | 23433.92 | 4380.42 | 4405.65 |
| 3/31/2018 | 21944.94 | 21674.46 | 4110.12 | 4222.90 | 23561.65 | 23749.59 | 4423.60 | 4452.02 |
| 6/30/2018 | 22284.50 | 21884.35 | 4131.31 | 4250.47 | 24127.67 | 24069.51 | 4490.97 | 4498.89 |
| 9/30/2018 | 22174.44 | 22096.28 | 4119.10 | 4278.22 | 24648.04 | 24393.74 | 4558.73 | 4546.25 |
| 12/31/2018 | 21000.44 | 22310.26 | 4478.66 | 4306.15 | 24953.34 | 24722.34 | 4637.72 | 4594.11 |

| | | BODILY INJURY | PROPERTY DAMAGE |
|------|--|---------------|-----------------|
| (9) | AVERAGE ANNUAL PERCENT CHANGE IN PAID CLAIM COST (12TH POINT / 8TH POINT) | | |
| | (A) KENTUCKY | 3.9% | 2.6% |
| | (B) MULTISTATE | 5.5% | 4.3% |
| (10) | CREDIBILITY | 0.05 | 0.20 |
| (11) | WEIGHTED AVERAGE ANNUAL PERCENT CHANGE IN PAID CLAIM COSTS { (10) * (9A) } + { (1.0 - (10)) * (9B) } | 5.4% | 4.0% |
| (12) | SELECTED ANNUAL PERCENT CHANGE IN CLAIM FREQUENCY | 0.0% | 0.0% |
| (13) | AVERAGE ANNUAL PERCENT CHANGE IN LIABILITY LOSS RATIO (11) * (12) | 5.4% | 4.0% |

* EXCLUDES MASSACHUSETTS

INSURANCE SERVICES OFFICE, INC.

CLAIM COST TREND DATA FOR PIP
TRUCKS, TRACTORS, & TRAILERS
KENTUCKY

| QUARTER ENDING | MEDICAL INDEX* | | HOSPITAL AND RELATED SERVICES* | | INCOME LOSSES** | |
|-------------------|----------------|--------------------|-----------------------------------|--------------------|-----------------|--------------------|
| | ACTUAL | EXPONENTIAL FIT | ACTUAL | EXPONENTIAL FIT | ACTUAL | EXPONENTIAL FIT |
| 9/30/2016 | 467.3 | 467.4 | 799.1 | 804.4 | 724.62 | 723.94 |
| 12/31/2016 | 469.3 | 469.7 | 805.5 | 811.7 | 732.42 | 729.41 |
| 3/31/2017 | 473.6 | 472.0 | 818.6 | 819.2 | 732.29 | 734.91 |
| 6/30/2017 | 473.8 | 474.3 | 829.6 | 826.7 | 739.21 | 740.46 |
| 9/30/2017 | 476.5 | 476.6 | 835.6 | 834.3 | 746.07 | 746.05 |
| 12/31/2017 | 477.4 | 479.0 | 843.0 | 841.9 | 752.57 | 751.68 |
| 3/31/2018 | 482.7 | 481.3 | 860.1 | 849.7 | 749.98 | 757.35 |
| 6/30/2018 | 485.0 | 483.7 | 866.1 | 857.5 | 765.17 | 763.07 |
| 9/30/2018 | 484.7 | 486.1 | 869.3 | 865.3 | 774.71 | 768.83 |
| 12/31/2018 | 486.5 | 488.4 | 872.1 | 873.3 | 777.88 | 774.63 |
| 3/31/2019 | 491.2 | 490.8 | 878.8 | 881.3 | 775.44 | 780.47 |
| 6/30/2019 | 494.6 | 493.3 | 877.1 | 889.4 | 786.90 | 786.36 |

| | (A) MEDICAL | (B) HOSPITAL | (C) COMBINED+ | (D) INCOME |
|---|----------------|-----------------|------------------|---------------|
| (1) AVERAGE ANNUAL PERCENT CHANGE IN INDICES (12TH POINT/8TH POINT) | 2.0% | 3.7% | 2.9% | 3.1% |
| (2) AVERAGE ANNUAL PERCENT CHANGE IN CLAIM COST $0.80*(1C) + 0.20*(1D)$. BASED ON RESPECTIVE WEIGHT OF MEDICAL AND INCOME FROM PRICING. | | | | 2.9% |
| (3) SELECTED ANNUAL PERCENT CHANGE IN CLAIM FREQUENCY | | | | 0.0% |
| (4) AVERAGE ANNUAL PERCENT CHANGE IN CLAIM RATIOS $(1.0 + (2)) * (1.0 + (3))$ | | | | 2.9% |

* MEDICAL INDEX AND HOSPITAL AND RELATED SERVICES INDEX
BASED ON CONSUMER PRICE INDEX.

** INCOME LOST BASED ON BUREAU OF LABOR STATISTICS DATA.

+ WEIGHT MEDICAL AND HOSPITAL AVERAGE ANNUAL PERCENT CHANGE
IN INDEX = $\{(1A) * .5\} + \{(1B) * .5\}$.

INSURANCE SERVICES OFFICE, INC.

CLAIM COST TREND DATA FOR PIP
PRIVATE PASSENGER TYPES
KENTUCKY

| QUARTER ENDING | MEDICAL INDEX* | | HOSPITAL AND RELATED SERVICES* | | INCOME LOSSES** | |
|-------------------|----------------|--------------------|-----------------------------------|--------------------|-----------------|--------------------|
| | ACTUAL | EXPONENTIAL FIT | ACTUAL | EXPONENTIAL FIT | ACTUAL | EXPONENTIAL FIT |
| 9/30/2016 | 467.3 | 467.4 | 799.1 | 804.4 | 724.62 | 723.94 |
| 12/31/2016 | 469.3 | 469.7 | 805.5 | 811.7 | 732.42 | 729.41 |
| 3/31/2017 | 473.6 | 472.0 | 818.6 | 819.2 | 732.29 | 734.91 |
| 6/30/2017 | 473.8 | 474.3 | 829.6 | 826.7 | 739.21 | 740.46 |
| 9/30/2017 | 476.5 | 476.6 | 835.6 | 834.3 | 746.07 | 746.05 |
| 12/31/2017 | 477.4 | 479.0 | 843.0 | 841.9 | 752.57 | 751.68 |
| 3/31/2018 | 482.7 | 481.3 | 860.1 | 849.7 | 749.98 | 757.35 |
| 6/30/2018 | 485.0 | 483.7 | 866.1 | 857.5 | 765.17 | 763.07 |
| 9/30/2018 | 484.7 | 486.1 | 869.3 | 865.3 | 774.71 | 768.83 |
| 12/31/2018 | 486.5 | 488.4 | 872.1 | 873.3 | 777.88 | 774.63 |
| 3/31/2019 | 491.2 | 490.8 | 878.8 | 881.3 | 775.44 | 780.47 |
| 6/30/2019 | 494.6 | 493.3 | 877.1 | 889.4 | 786.90 | 786.36 |

| | (A) MEDICAL | (B) HOSPITAL | (C) COMBINED+ | (D) INCOME |
|---|----------------|-----------------|------------------|---------------|
| (1) AVERAGE ANNUAL PERCENT CHANGE IN INDICES (12TH POINT/8TH POINT) | 2.0% | 3.7% | 2.9% | 3.1% |
| (2) AVERAGE ANNUAL PERCENT CHANGE IN CLAIM COST $0.85*(1C) + 0.15*(1D)$. BASED ON RESPECTIVE WEIGHT OF MEDICAL AND INCOME FROM PRICING. | | | | 2.9% |
| (3) SELECTED ANNUAL PERCENT CHANGE IN CLAIM FREQUENCY | | | | 0.0% |
| (4) AVERAGE ANNUAL PERCENT CHANGE IN CLAIM RATIOS $(1.0 + (2)) * (1.0 + (3))$ | | | | 2.9% |

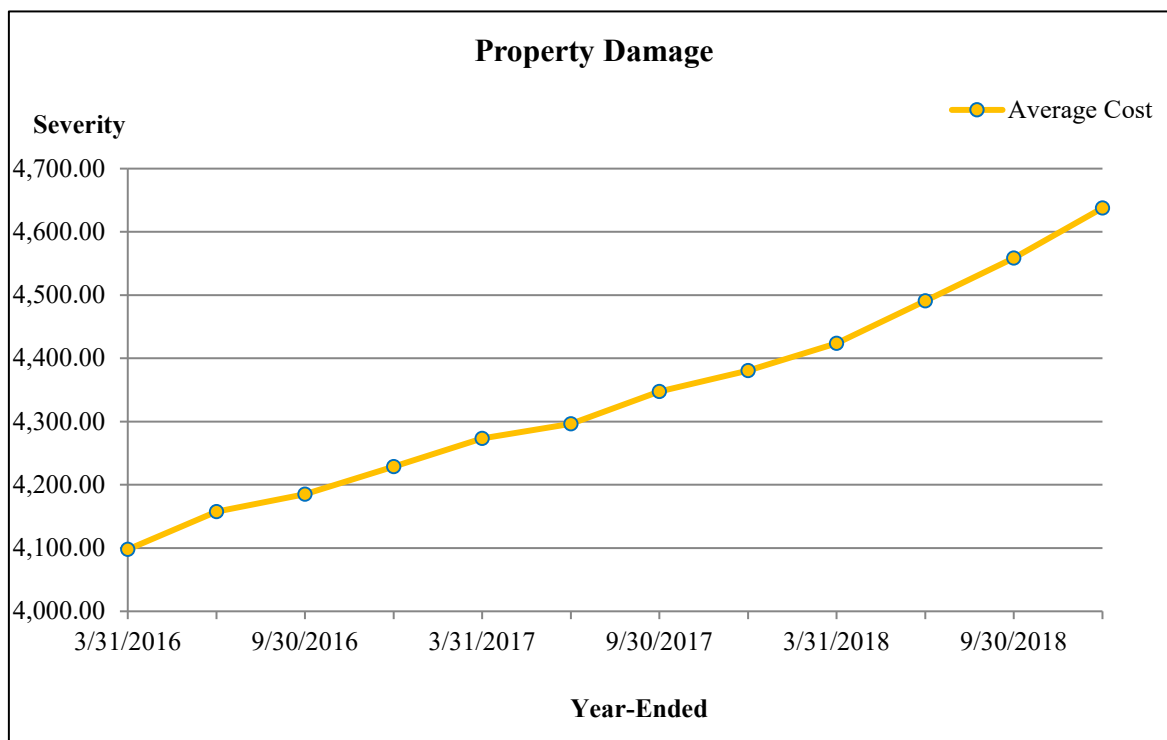
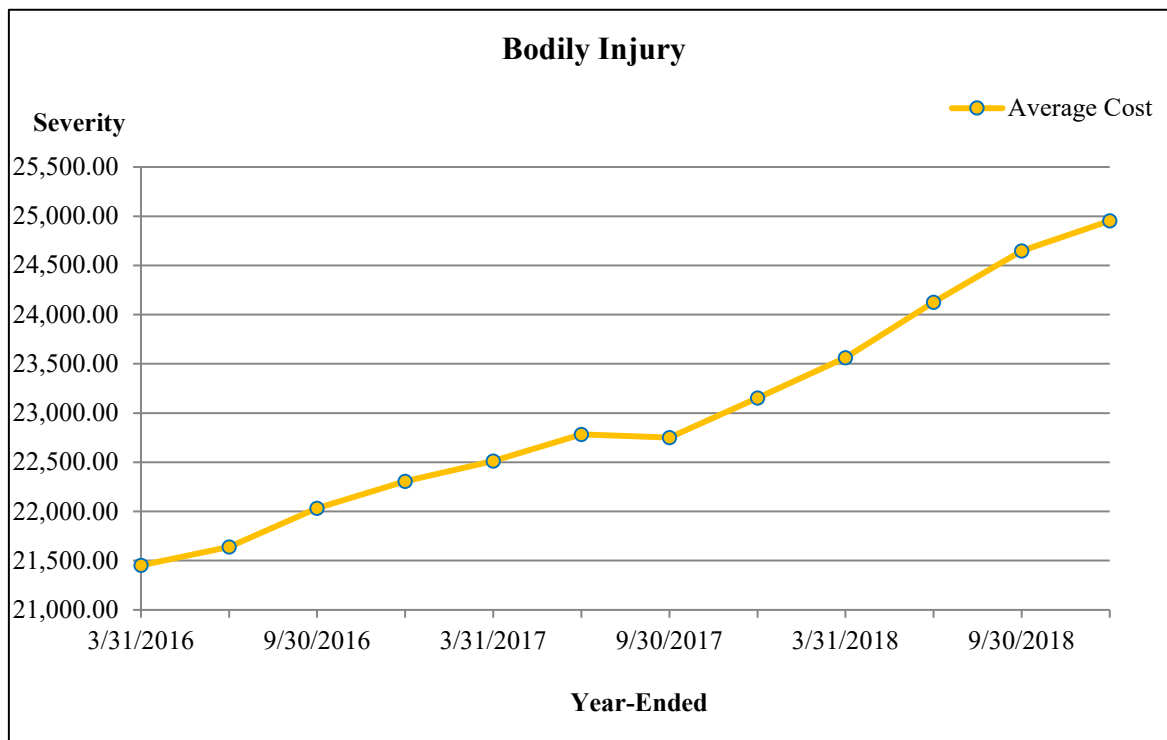
* MEDICAL INDEX AND HOSPITAL AND RELATED SERVICES INDEX
BASED ON CONSUMER PRICE INDEX.

** INCOME LOST BASED ON BUREAU OF LABOR STATISTICS DATA.

+ WEIGHT MEDICAL AND HOSPITAL AVERAGE ANNUAL PERCENT CHANGE
IN INDEX = $\{(1A) * .5\} + \{(1B) * .5\}$.

INSURANCE SERVICES OFFICE, INC.

Commercial Automobile Liability
Average Paid Claim Cost Experience
Multistate*



*Excludes Massachusetts

INSURANCE SERVICES OFFICE, INC.

COMMERCIAL AUTO LIABILITY
INCURRED CLAIM FREQUENCY

MULTISTATE*

TRUCKS, TRACTORS, AND TRAILERS

| <u>YEAR</u> <u>ENDING</u> | <u>BODILY INJURY</u> <u>ACTUAL</u> | <u>BODILY INJURY</u> <u>ACTUAL CHANGE@</u> | <u>PROPERTY DAMAGE</u> <u>ACTUAL</u> | <u>PROPERTY DAMAGE</u> <u>ACTUAL CHANGE@</u> |
|------------------------------|---------------------------------------|---|---|---|
| 12/31/2012 | 0.7355 | | 2.6523 | |
| 3/31/2013 | 0.7330 | | 2.6853 | |
| 6/30/2013 | 0.7440 | | 2.7160 | |
| 9/30/2013 | 0.7560 | | 2.7489 | |
| 12/31/2013 | 0.7561 | 2.8% & | 2.7667 | 4.3% & |
| 3/31/2014 | 0.7707 | | 2.8565 | |
| 6/30/2014 | 0.7615 | | 2.8560 | |
| 9/30/2014 | 0.7580 | 0.3% | 2.8630 | 4.2% |
| 12/31/2014 | 0.7634 | | 2.8658 | |
| 3/31/2015 | 0.7542 | | 2.8301 | |
| 6/30/2015 | 0.7626 | | 2.8382 | |
| 9/30/2015 | 0.7717 | 1.8% | 2.8619 | 0.0% |
| 12/31/2015 | 0.7859 | | 2.8770 | |
| 3/31/2016 | 0.8009 | | 2.8604 | |
| 6/30/2016 | 0.8113 | | 2.8688 | |
| 9/30/2016 | 0.8190 | 6.1% | 2.8747 | 0.4% |
| 12/31/2016 | 0.8230 | | 2.8738 | |
| 3/31/2017 | 0.8259 | | 2.8501 | |
| 6/30/2017 | 0.8321 | | 2.8439 | |
| 9/30/2017 | 0.8268 | 1.0% | 2.8082 | -2.3% |
| 12/31/2017 | 0.8239 | | 2.7930 | |
| 3/31/2018 | 0.8187 | | 2.8032 | |
| 6/30/2018 | 0.8095 | | 2.8067 | |
| 9/30/2018 | 0.8054 | -2.6% | 2.7990 | -0.3% |

* EXCLUDES MASSACHUSETTS

@ CHANGE BASED ON YEARS ENDING 9/30/XXXX

& CHANGE BASED ON YEAR ENDING 12/31/2013 divided by 12/31/2012

INSURANCE SERVICES OFFICE, INC.

COMMERCIAL AUTO LIABILITY
INCURRED CLAIM FREQUENCY

MULTISTATE*

PRIVATE PASSENGER TYPES

| <u>YEAR</u> <u>ENDING</u> | <u>BODILY INJURY</u> <u>ACTUAL</u> | <u>BODILY INJURY</u> <u>ACTUAL CHANGE@</u> | <u>PROPERTY DAMAGE</u> <u>ACTUAL</u> | <u>PROPERTY DAMAGE</u> <u>ACTUAL CHANGE@</u> |
|------------------------------|---------------------------------------|---|---|---|
| 12/31/2012 | 0.8711 | | 3.1723 | |
| 3/31/2013 | 0.8593 | | 3.1432 | |
| 6/30/2013 | 0.8532 | | 3.0989 | |
| 9/30/2013 | 0.8616 | | 3.1097 | |
| 12/31/2013 | 0.8680 | -0.4% & | 3.1399 | -1.0% & |
| 3/31/2014 | 0.8645 | | 3.1695 | |
| 6/30/2014 | 0.8651 | | 3.1686 | |
| 9/30/2014 | 0.8549 | -0.8% | 3.1242 | 0.5% |
| 12/31/2014 | 0.8504 | | 3.0988 | |
| 3/31/2015 | 0.8306 | | 3.0699 | |
| 6/30/2015 | 0.8147 | | 3.0428 | |
| 9/30/2015 | 0.8126 | -4.9% | 3.0784 | -1.5% |
| 12/31/2015 | 0.8122 | | 3.0889 | |
| 3/31/2016 | 0.8248 | | 3.0901 | |
| 6/30/2016 | 0.8310 | | 3.1116 | |
| 9/30/2016 | 0.8464 | 4.2% | 3.1038 | 0.8% |
| 12/31/2016 | 0.8370 | | 3.0882 | |
| 3/31/2017 | 0.8347 | | 3.0235 | |
| 6/30/2017 | 0.8335 | | 2.9874 | |
| 9/30/2017 | 0.8112 | -4.2% | 2.9073 | -6.3% |
| 12/31/2017 | 0.8110 | | 2.8743 | |
| 3/31/2018 | 0.8170 | | 2.8885 | |
| 6/30/2018 | 0.8150 | | 2.8403 | |
| 9/30/2018 | 0.8133 | 0.3% | 2.7969 | -3.8% |

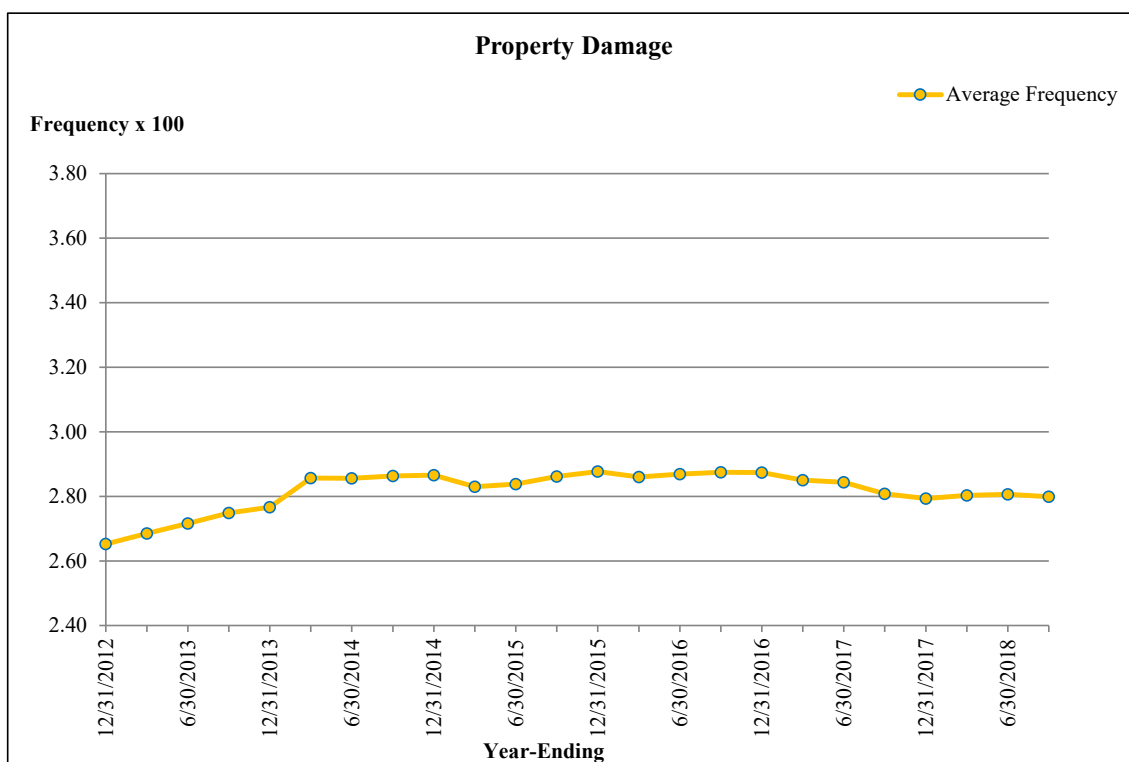
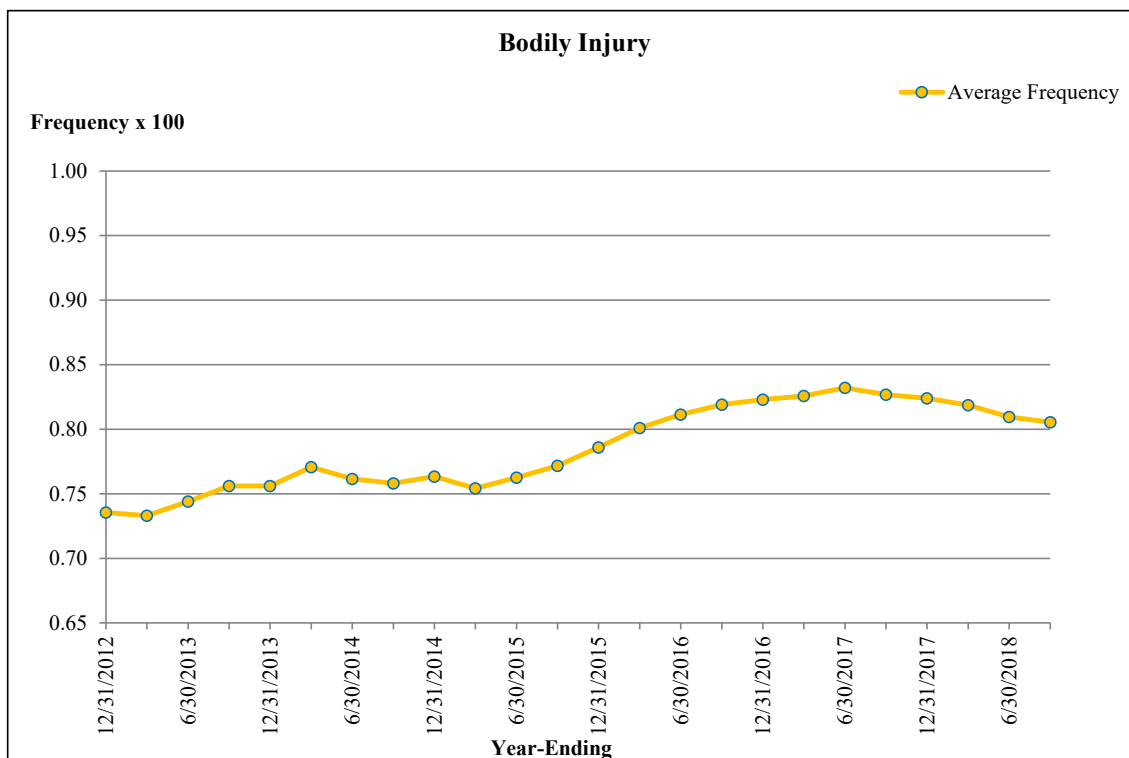
* EXCLUDES MASSACHUSETTS

@ CHANGE BASED ON YEARS ENDING 9/30/XXXX

& CHANGE BASED ON YEAR ENDING 12/31/2013 divided by 12/31/2012

INSURANCE SERVICES OFFICE, INC.

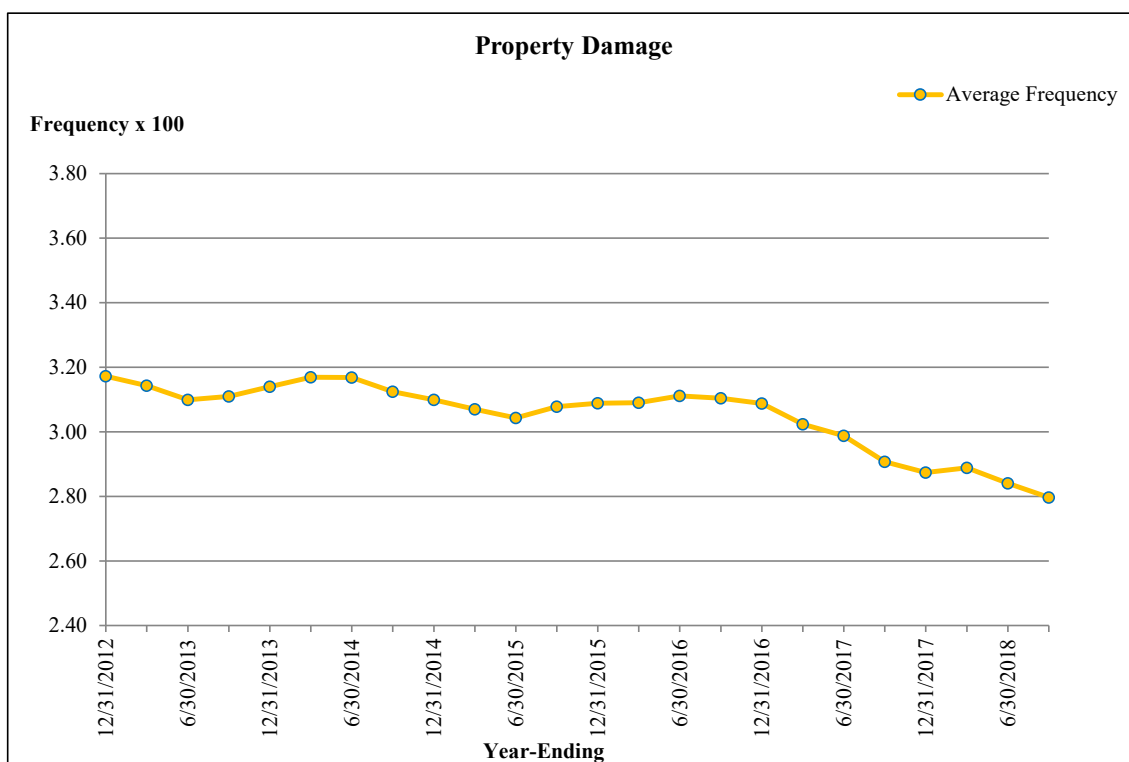
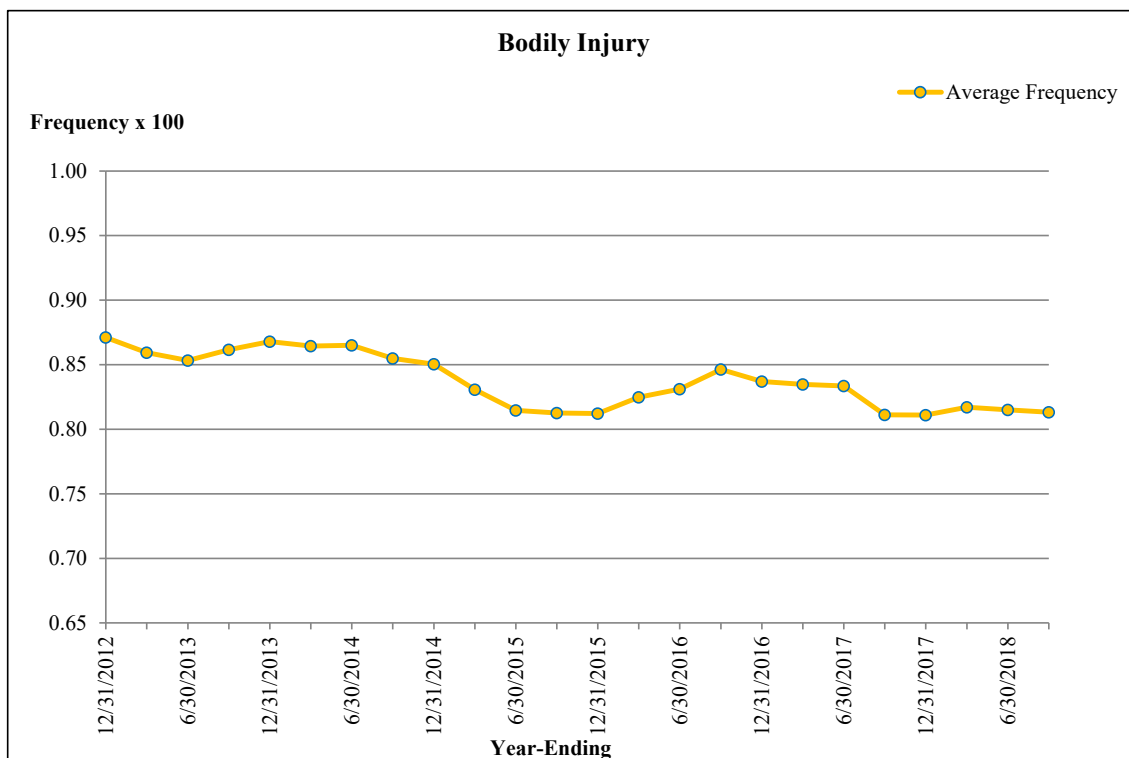
Commercial Automobile Liability
Incurred Claim Frequency Experience
Trucks, Tractors, and Trailers
Multistate*



*Excludes Massachusetts

INSURANCE SERVICES OFFICE, INC.

Commercial Automobile Liability
Incurred Claim Frequency Experience
Private Passenger Types
Multistate*



*Excludes Massachusetts

INSURANCE SERVICES OFFICE, INC.

Multistate*
Trucks, Tractors & Trailers Physical Damage
Other Than Collision

Frequency (expressed as claims per 100 exposures)

| | \$250 Deductible | | \$500 Deductible | | \$1,000 Deductible | |
|--------------|------------------|----------|------------------|----------|--------------------|----------|
| Year Ending: | Actual | Change** | Actual | Change** | Actual | Change** |
| 6/30/2014 | 2.50 | | 1.40 | | 0.92 | |
| 12/31/2014 | 2.47 | | 1.37 | | 0.90 | |
| 6/30/2015 | 2.37 | | 1.35 | | 0.89 | |
| 12/31/2015 | 2.31 | -6.5% | 1.35 | -1.5% | 0.89 | -1.1% |
| 6/30/2016 | 2.22 | | 1.34 | | 0.91 | |
| 12/31/2016 | 2.22 | -3.9% | 1.34 | -0.7% | 0.90 | 1.1% |
| 6/30/2017 | 2.23 | | 1.36 | | 0.90 | |
| 12/31/2017 | 2.26 | 1.8% | 1.41 | 5.2% | 0.92 | 2.2% |
| 6/30/2018 | 2.38 | | 1.47 | | 0.94 | |
| 12/31/2018 | 2.49 | 10.2% | 1.53 | 8.5% | 0.96 | 4.3% |

Volume*** of losses for the most recent year by deductible:

| Deductible: | Percent of Losses |
|-------------|-------------------|
| Full | 0.4% |
| \$50 | 0.4% |
| \$100 | 2.5% |
| \$200 | 0.2% |
| \$250 | 9.3% |
| \$500 | 36.3% |
| \$1,000 | 44.1% |
| \$2,000 | 4.3% |
| \$3,000 | 0.9% |
| \$5,000 | 1.6% |

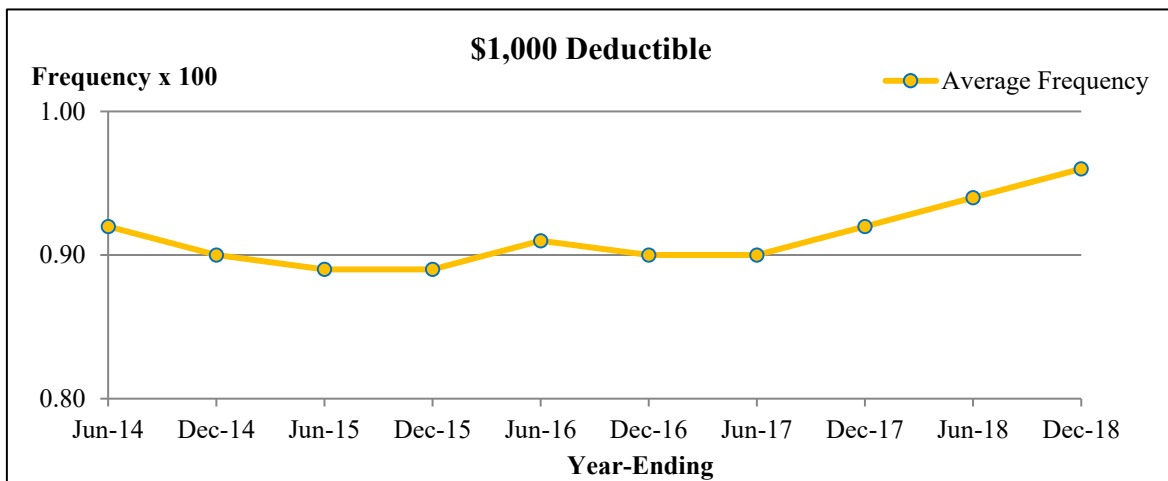
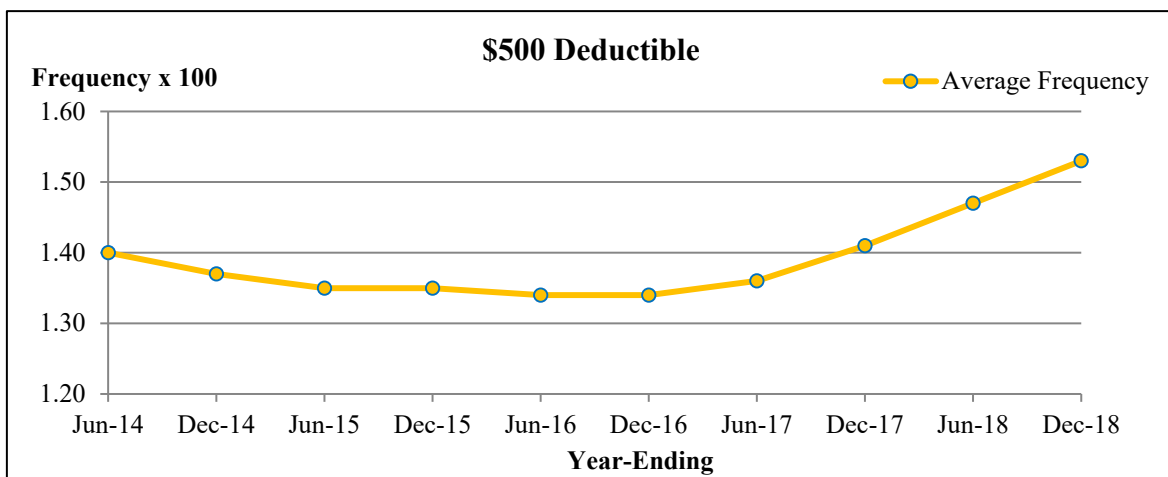
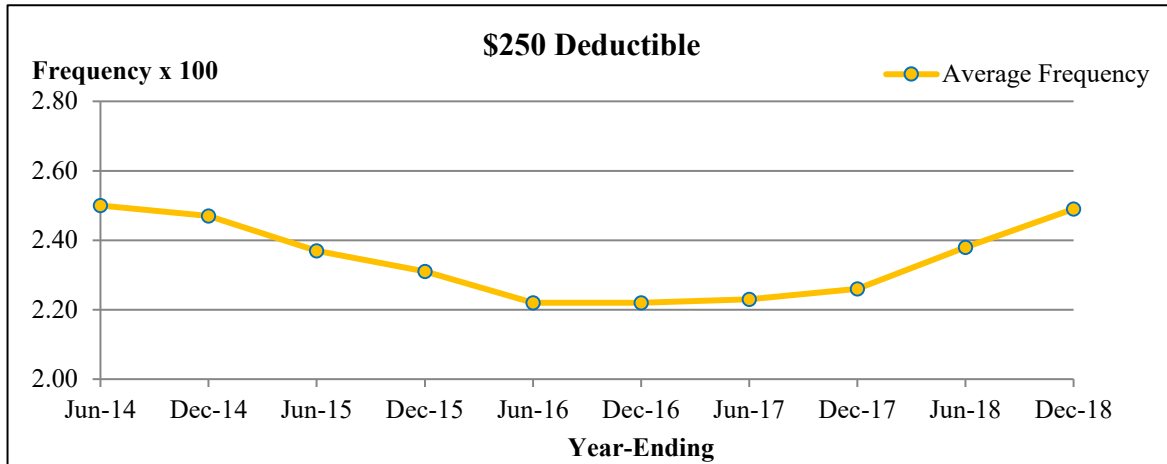
* Multistate data excludes Massachusetts

** Change based on years ending 12/31/xxxx

*** Deductibles above \$1,000, totaling 6.8% of losses, are excluded from the trend calculations.

INSURANCE SERVICES OFFICE, INC.

Commercial Automobile
Trucks, Tractors & Trailers Physical Damage
Other Than Collision Frequency Trend
Multistate*



*Excludes Massachusetts

Selected Other Than Collision Frequency Trend Factor: 0.0%

INSURANCE SERVICES OFFICE, INC.

Multistate*
Trucks, Tractors & Trailers Physical Damage
Other Than Collision

Severity Trend

| Year Ending: | \$250 Deductible | \$500 Deductible | \$1,000 Deductible |
|--------------|------------------|------------------|--------------------|
| 6/30/2014 | 2,885.88 | 4,948.54 | 7,327.88 |
| 12/31/2014 | 2,981.15 | 5,079.85 | 7,452.83 |
| 6/30/2015 | 3,055.82 | 5,160.68 | 7,491.47 |
| 12/31/2015 | 3,156.42 | 5,431.05 | 7,733.42 |
| 6/30/2016 | 3,403.34 | 5,597.25 | 8,031.89 |
| 12/31/2016 | 3,469.71 | 5,649.55 | 8,378.59 |
| 6/30/2017 | 3,534.58 | 5,945.59 | 8,739.47 |
| 12/31/2017 | 3,708.55 | 6,293.24 | 9,153.24 |
| 6/30/2018 | 3,753.56 | 6,314.13 | 9,369.71 |
| 12/31/2018 | 3,862.44 | 6,393.21 | 9,409.87 |

Average Annual Change Using Exponential Fits:

| | | | |
|---------------|------|------|------|
| 10 point fit: | 7.0% | 6.4% | 6.6% |
| 8 point fit: | 6.8% | 6.5% | 7.4% |
| 6 point fit: | 5.4% | 6.2% | 6.9% |

| | |
|------------------------------|------|
| Selected severity trend: | 7.0% |
| Selected frequency trend: | 0.0% |
| Selected pure premium trend: | 7.0% |

* Multistate data excludes Massachusetts

INSURANCE SERVICES OFFICE, INC.

Multistate*
Trucks, Tractors & Trailers Physical Damage
Collision

Frequency (expressed as claims per 100 exposures)

| | \$500 Deductible | | \$1,000 Deductible | | \$2,000 Deductible | |
|--------------|------------------|----------|--------------------|----------|--------------------|----------|
| Year Ending: | Actual | Change** | Actual | Change** | Actual | Change** |
| 6/30/2014 | 2.32 | | 1.98 | | 1.58 | |
| 12/31/2014 | 2.32 | | 1.99 | | 1.59 | |
| 6/30/2015 | 2.29 | | 1.98 | | 1.60 | |
| 12/31/2015 | 2.31 | -0.4% | 2.01 | 1.0% | 1.63 | 2.5% |
| 6/30/2016 | 2.29 | | 2.01 | | 1.63 | |
| 12/31/2016 | 2.38 | 3.0% | 2.08 | 3.5% | 1.68 | 3.1% |
| 6/30/2017 | 2.40 | | 2.07 | | 1.69 | |
| 12/31/2017 | 2.33 | -2.1% | 2.00 | -3.8% | 1.65 | -1.8% |
| 6/30/2018 | 2.35 | | 2.02 | | 1.67 | |
| 12/31/2018 | 2.37 | 1.7% | 2.03 | 1.5% | 1.70 | 3.0% |

Volume*** of losses for the most recent year by deductible:

| Deductible: | Percent of Losses |
|-------------|-------------------|
| \$100 | 0.1% |
| \$200 | 0.0% |
| \$250 | 1.8% |
| \$500 | 34.1% |
| \$1,000 | 53.5% |
| \$2,000 | 5.4% |
| \$3,000 | 1.6% |
| \$5,000 | 3.6% |

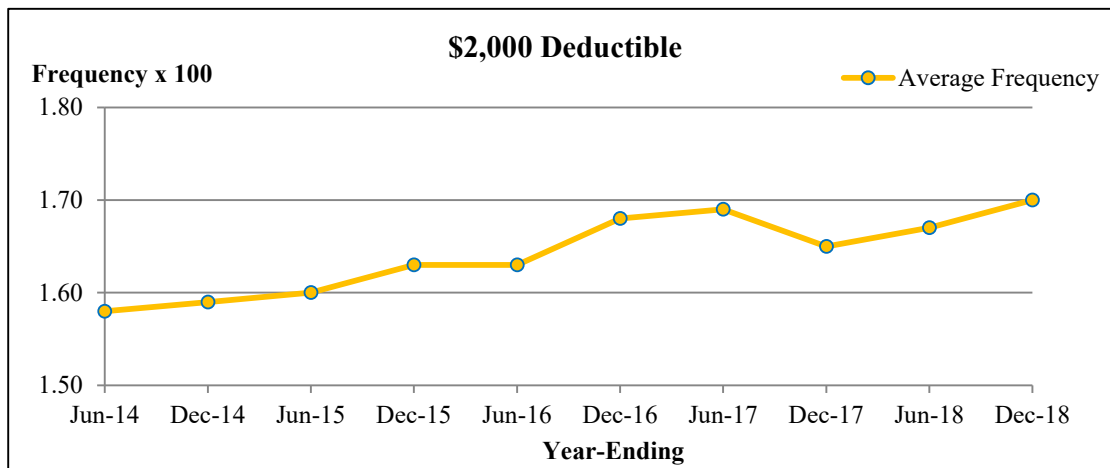
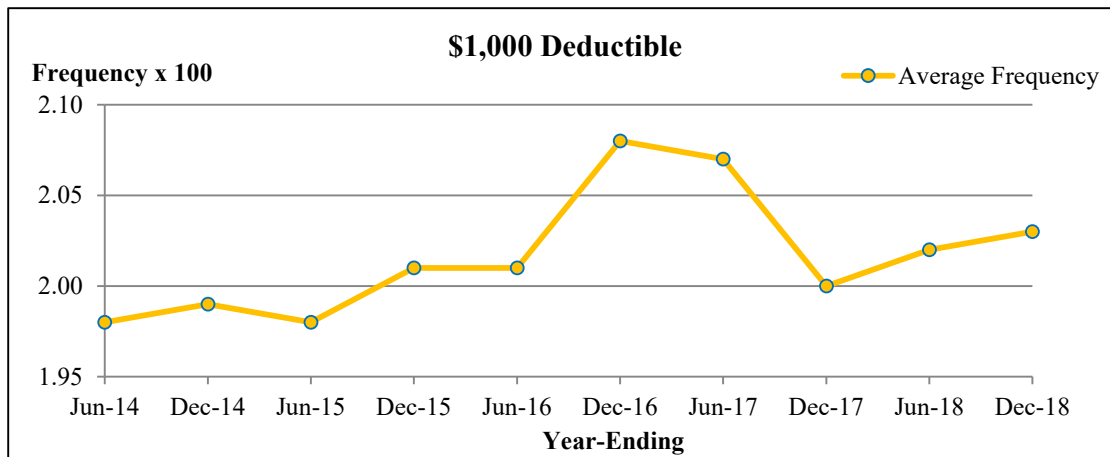
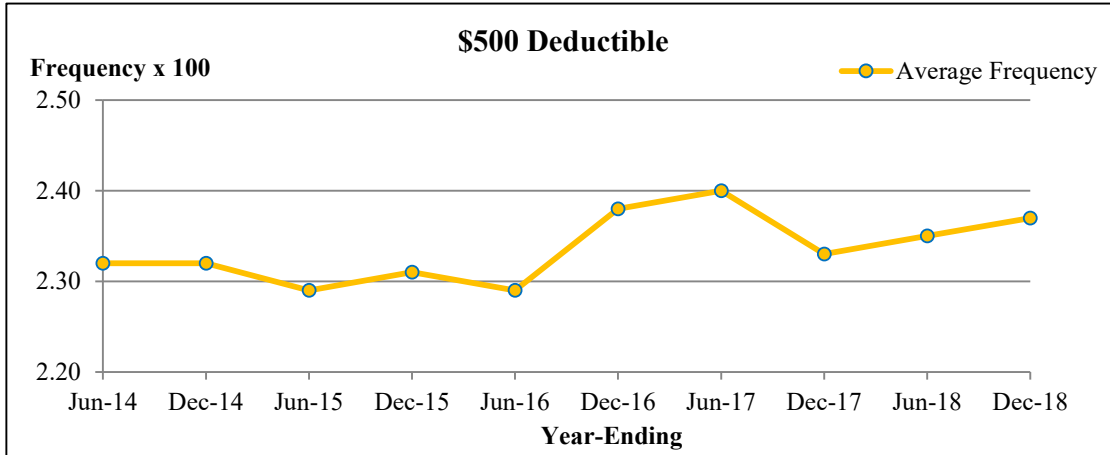
* Multistate data excludes Massachusetts

** Change based on years ending 12/31/xxxx

*** Deductibles above \$2,000, totaling 5.2% of losses, are excluded from trend calculations.

INSURANCE SERVICES OFFICE, INC.

Commercial Automobile
Trucks, Tractors & Trailers Physical Damage
Collision Frequency Trend
Multistate*



*Excludes Massachusetts

Selected Collision Frequency Trend Factor: 0.0%

INSURANCE SERVICES OFFICE, INC.

Multistate*
Trucks, Tractors & Trailers Physical Damage
Collision

Severity Trend

| Year Ending: | \$500 Deductible | \$1,000 Deductible | \$2,000 Deductible |
|--------------|------------------|--------------------|--------------------|
| 6/30/2014 | 8,006.95 | 9,709.23 | 10,578.28 |
| 12/31/2014 | 8,328.42 | 10,052.35 | 10,996.98 |
| 6/30/2015 | 8,624.52 | 10,264.31 | 11,154.78 |
| 12/31/2015 | 8,784.58 | 10,478.77 | 11,361.59 |
| 6/30/2016 | 9,123.06 | 10,789.93 | 11,709.15 |
| 12/31/2016 | 9,290.63 | 10,973.53 | 11,920.32 |
| 6/30/2017 | 9,302.59 | 10,979.20 | 11,887.61 |
| 12/31/2017 | 9,547.23 | 11,200.14 | 12,123.28 |
| 6/30/2018 | 9,800.39 | 11,561.15 | 12,548.35 |
| 12/31/2018 | 10,206.82 | 11,967.55 | 12,822.63 |

Average Annual Change Using Exponential Fits:

| | | | |
|---------------|------|------|------|
| 10 point fit: | 5.0% | 4.3% | 4.0% |
| 8 point fit: | 4.5% | 4.1% | 3.8% |
| 6 point fit: | 4.4% | 4.0% | 3.7% |

| | |
|------------------------------|------|
| Selected severity trend: | 4.5% |
| Selected frequency trend: | 0.0% |
| Selected pure premium trend: | 4.5% |

* Multistate data excludes Massachusetts

INSURANCE SERVICES OFFICE, INC.

Multistate*
Private Passenger Types Physical Damage
Other Than Collision

Frequency (expressed as claims per 100 exposures)

| | \$250 Deductible | | \$500 Deductible | | \$1,000 Deductible | |
|--------------|------------------|----------|------------------|----------|--------------------|----------|
| Year Ending: | Actual | Change** | Actual | Change** | Actual | Change** |
| 6/30/2014 | 5.47 | | 3.24 | | 1.93 | |
| 12/31/2014 | 5.30 | | 3.18 | | 1.92 | |
| 6/30/2015 | 4.95 | | 3.07 | | 1.89 | |
| 12/31/2015 | 4.97 | -6.2% | 3.15 | -0.9% | 1.94 | 1.0% |
| 6/30/2016 | 4.97 | | 3.19 | | 1.98 | |
| 12/31/2016 | 4.98 | 0.2% | 3.09 | -1.9% | 1.92 | -1.0% |
| 6/30/2017 | 4.83 | | 2.99 | | 1.89 | |
| 12/31/2017 | 4.79 | -3.8% | 3.03 | -1.9% | 1.94 | 1.0% |
| 6/30/2018 | 5.04 | | 3.16 | | 2.00 | |
| 12/31/2018 | 5.13 | 7.1% | 3.30 | 8.9% | 2.05 | 5.7% |

Volume*** of losses for the most recent year by deductible:

| Deductible: | Percent of Losses |
|-------------|-------------------|
| Full | 0.3% |
| \$50 | 0.6% |
| \$100 | 3.3% |
| \$200 | 0.8% |
| \$250 | 12.1% |
| \$500 | 43.5% |
| \$1,000 | 36.7% |
| \$2,000 | 1.8% |
| \$3,000 | 0.2% |
| \$5,000 | 0.7% |

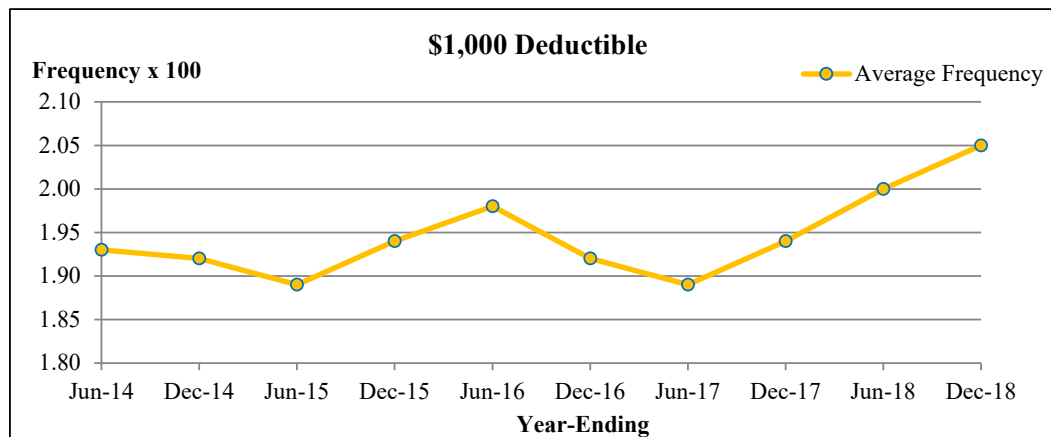
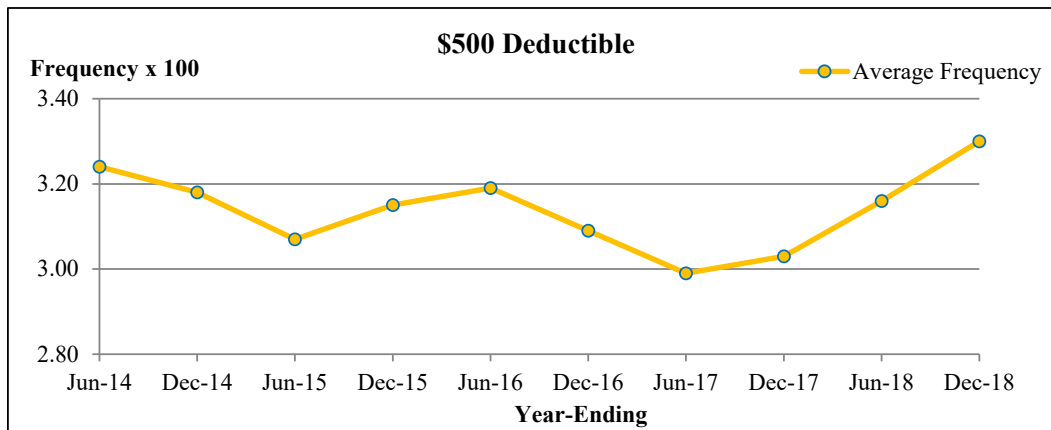
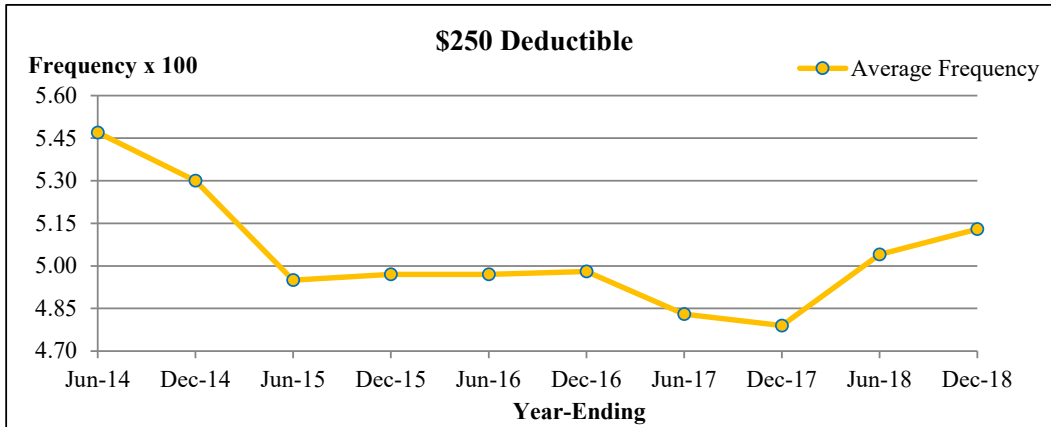
* Multistate data excludes Massachusetts

** Change based on years ending 12/31/xxxx

*** Deductibles above \$1,000, totaling 2.7% of losses, are excluded from trend calculations.

INSURANCE SERVICES OFFICE, INC.

Commercial Automobile
Private Passenger Types Physical Damage
Other Than Collision Frequency Trend
Multistate*



*Excludes Massachusetts

Selected Other Than Collision Frequency Trend Factor: 0.0%

INSURANCE SERVICES OFFICE, INC.

Multistate*
Private Passenger Types Physical Damage
Other Than Collision

Severity Trend

| Year Ending: | \$250 Deductible | \$500 Deductible | \$1,000 Deductible |
|--------------|------------------|------------------|--------------------|
| 6/30/2014 | 1,366.03 | 1,928.14 | 2,657.81 |
| 12/31/2014 | 1,462.11 | 2,016.19 | 2,772.23 |
| 6/30/2015 | 1,556.40 | 2,079.78 | 2,801.32 |
| 12/31/2015 | 1,642.60 | 2,188.48 | 2,872.90 |
| 6/30/2016 | 1,754.27 | 2,304.25 | 3,008.71 |
| 12/31/2016 | 1,752.96 | 2,315.04 | 3,012.76 |
| 6/30/2017 | 1,788.88 | 2,365.29 | 3,054.54 |
| 12/31/2017 | 1,880.66 | 2,537.30 | 3,344.40 |
| 6/30/2018 | 1,843.29 | 2,585.74 | 3,464.52 |
| 12/31/2018 | 1,777.16 | 2,602.52 | 3,519.67 |

Average Annual Change Using Exponential Fits:

| | | | |
|---------------|------|------|------|
| 10 point fit: | 6.5% | 7.1% | 6.5% |
| 8 point fit: | 4.2% | 6.7% | 7.1% |
| 6 point fit: | 1.5% | 5.9% | 7.7% |

| | |
|------------------------------|------|
| Selected severity trend: | 6.5% |
| Selected frequency trend: | 0.0% |
| Selected pure premium trend: | 6.5% |

* Multistate data excludes Massachusetts

INSURANCE SERVICES OFFICE, INC.

Multistate*
Private Passenger Types Physical Damage
Collision

Frequency (expressed as claims per 100 exposures)

| | \$500 Deductible | | \$1,000 Deductible | | \$2,000 Deductible | |
|--------------|------------------|----------|--------------------|----------|--------------------|----------|
| Year Ending: | Actual | Change** | Actual | Change** | Actual | Change** |
| 6/30/2014 | 5.33 | | 4.39 | | 3.17 | |
| 12/31/2014 | 5.39 | | 4.49 | | 3.26 | |
| 6/30/2015 | 5.31 | | 4.42 | | 3.24 | |
| 12/31/2015 | 5.32 | -1.3% | 4.46 | -0.7% | 3.30 | 1.2% |
| 6/30/2016 | 5.24 | | 4.44 | | 3.29 | |
| 12/31/2016 | 5.29 | -0.6% | 4.48 | 0.4% | 3.34 | 1.2% |
| 6/30/2017 | 5.27 | | 4.46 | | 3.34 | |
| 12/31/2017 | 5.25 | -0.8% | 4.39 | -2.0% | 3.32 | -0.6% |
| 6/30/2018 | 5.32 | | 4.48 | | 3.42 | |
| 12/31/2018 | 5.24 | -0.2% | 4.52 | 3.0% | 3.48 | 4.8% |

Volume*** of losses for the most recent year by deductible:

| Deductible: | Percent of Losses |
|-------------|-------------------|
| \$100 | 0.3% |
| \$200 | 0.2% |
| \$250 | 2.2% |
| \$500 | 43.8% |
| \$1,000 | 51.0% |
| \$2,000 | 1.6% |
| \$3,000 | 0.2% |
| \$5,000 | 0.7% |

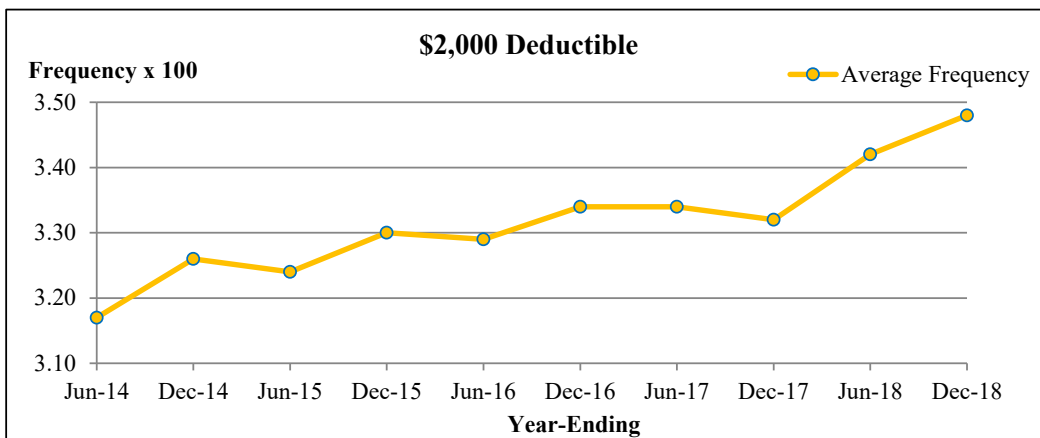
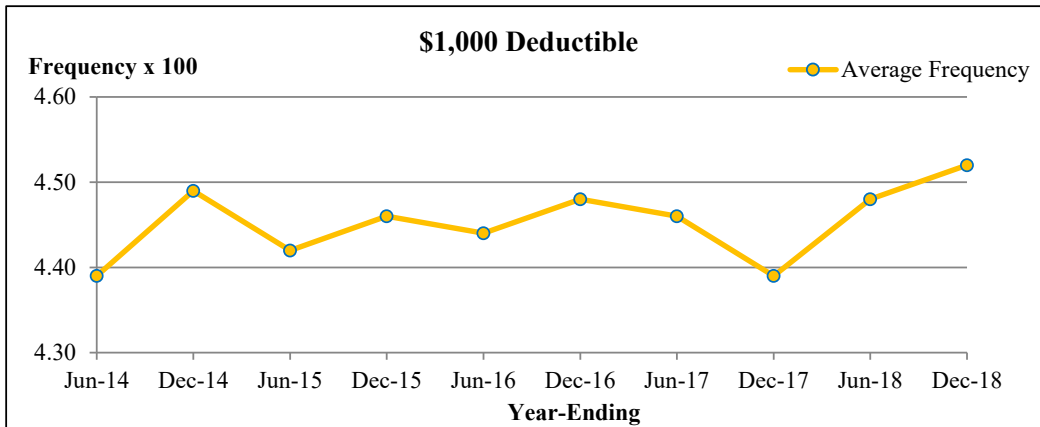
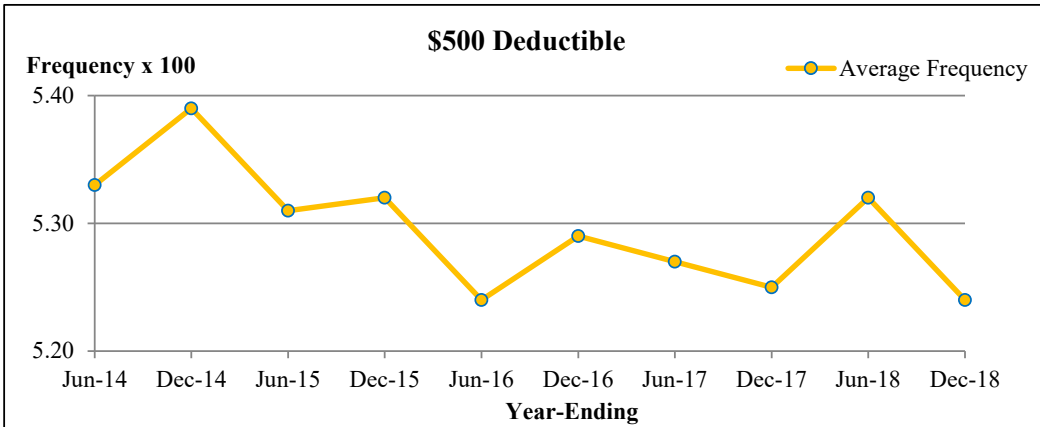
* Multistate data excludes Massachusetts

** Change based on years ending 12/31/xxxx

*** Deductibles above \$2,000, totaling 0.9% of losses, are excluded from trend calculations.

INSURANCE SERVICES OFFICE, INC.

Commercial Automobile
Private Passenger Types Physical Damage
Collision Frequency Trend
Multistate*



*Excludes Massachusetts

Selected Collision Frequency Trend Factor: 0.0%

INSURANCE SERVICES OFFICE, INC.

Multistate*
Private Passenger Types Physical Damage
Collision

Severity Trend

| Year Ending: | \$500 Deductible | \$1,000 Deductible | \$2,000 Deductible |
|--------------|------------------|--------------------|--------------------|
| 6/30/2014 | 5,156.37 | 5,594.21 | 6,157.26 |
| 12/31/2014 | 5,357.24 | 5,728.50 | 6,314.77 |
| 6/30/2015 | 5,488.01 | 5,894.43 | 6,480.44 |
| 12/31/2015 | 5,597.55 | 6,037.33 | 6,575.33 |
| 6/30/2016 | 5,763.57 | 6,147.42 | 6,699.19 |
| 12/31/2016 | 5,906.51 | 6,216.56 | 6,778.85 |
| 6/30/2017 | 5,881.16 | 6,234.50 | 6,756.30 |
| 12/31/2017 | 5,949.76 | 6,353.81 | 6,847.15 |
| 6/30/2018 | 6,296.12 | 6,571.80 | 7,066.71 |
| 12/31/2018 | 6,507.32 | 6,866.24 | 7,355.27 |

Average Annual Change Using Exponential Fits:

| | | | |
|---------------|------|------|------|
| 10 point fit: | 4.7% | 4.1% | 3.4% |
| 8 point fit: | 4.6% | 3.9% | 3.2% |
| 6 point fit: | 4.7% | 4.3% | 3.5% |

| | |
|------------------------------|------|
| Selected severity trend: | 4.0% |
| Selected frequency trend: | 0.0% |
| Selected pure premium trend: | 4.0% |

* Multistate data excludes Massachusetts

INSURANCE SERVICES OFFICE, INC.

MULTISTATE
TRUCKS, TRACTORS & TRAILERS
PHYSICAL DAMAGE
OCN TREND CALCULATION

AVERAGE OCN RELATIVITIES

| YEAR ENDING | OTHER THAN COLLISION | COLLISION |
|----------------|----------------------|-----------|
| 6/30/2014 | 1.238 | 1.376 |
| 12/31/2014 | 1.243 | 1.385 |
| 6/30/2015 | 1.249 | 1.393 |
| 12/31/2015 | 1.255 | 1.403 |
| 6/30/2016 | 1.261 | 1.414 |
| 12/31/2016 | 1.266 | 1.423 |
| 6/30/2017 | 1.272 | 1.434 |
| 12/31/2017 | 1.279 | 1.446 |
| 6/30/2018 | 1.285 | 1.458 |
| 12/31/2018 | 1.289 | 1.466 |

EXPONENTIAL TREND (AVERAGE ANNUAL CHANGE)

| | | |
|---|------|------|
| 9 POINTS | 0.9% | 1.5% |
| 7 POINTS | 0.9% | 1.5% |
| 5 POINTS | 0.9% | 1.5% |
| Selected Other Than Collision Physical Damage Annual OCN Trend: | | 0.9% |
| Selected Collision Physical Damage Annual OCN Trend: | | 1.5% |

Data excludes the following state: Massachusetts

INSURANCE SERVICES OFFICE, INC.

MULTISTATE
PRIVATE PASSENGER TYPES
PHYSICAL DAMAGE
OCN TREND CALCULATION

AVERAGE OCN RELATIVITIES

| YEAR ENDING | OTHER THAN COLLISION | COLLISION |
|----------------|----------------------|-----------|
| 6/30/2014 | 1.315 | 1.156 |
| 12/31/2014 | 1.320 | 1.158 |
| 6/30/2015 | 1.325 | 1.161 |
| 12/31/2015 | 1.332 | 1.165 |
| 6/30/2016 | 1.339 | 1.169 |
| 12/31/2016 | 1.347 | 1.173 |
| 6/30/2017 | 1.354 | 1.177 |
| 12/31/2017 | 1.360 | 1.180 |
| 6/30/2018 | 1.365 | 1.182 |
| 12/31/2018 | 1.372 | 1.185 |

EXPONENTIAL TREND (AVERAGE ANNUAL CHANGE)

| | | |
|---|------|------|
| 9 POINTS | 1.0% | 0.6% |
| 7 POINTS | 1.0% | 0.6% |
| 5 POINTS | 0.9% | 0.5% |
| Selected Other Than Collision Physical Damage Annual OCN Trend: | | 1.0% |
| Selected Collision Physical Damage Annual OCN Trend: | | 0.6% |

Data excludes the following state: Massachusetts

INSURANCE SERVICES OFFICE, INC.

KENTUCKY

Automobile Liability Insurance - Trucks, Tractors and Trailers

Loss Development

Incurred Losses and Expenses

Bodily Injury

| Accident | Loss Development Factors | | | | |
|------------------------------------|--------------------------|------------|----------------|----------|----------|
| Year | \$100,000 Basic Limit | | | 15 to 27 | 27 to 39 |
| Ending | 15 Months | 27 Months | 39 Months | Months | Months |
| 12/31/2007 | 8,901,614 | 10,459,532 | 10,997,176 | 1.175 | 1.051 |
| 12/31/2008 | 5,192,264 | 6,032,901 | 6,399,683 | 1.162 | 1.061 |
| 12/31/2009 | 6,449,223 | 8,320,046 | 8,439,517 | 1.290 | 1.014 |
| 12/31/2010 | 6,250,493 | 7,219,651 | 7,913,566 | 1.155 | 1.096 |
| 12/31/2011 | 6,984,479 | 7,768,331 | 7,678,767 | 1.112 | 0.988 |
| 12/31/2012 | 6,542,942 | 7,261,842 | 8,225,494 | 1.110 | 1.133 |
| 12/31/2013 | 7,061,970 | 7,339,859 | 7,883,947 | 1.039 | 1.074 |
| 12/31/2014 | 8,624,074 | 10,189,787 | 11,091,142 | 1.182 | 1.088 |
| 12/31/2015 | 8,336,169 | 9,681,764 | 10,781,053 | 1.161 | 1.114 |
| 12/31/2016 | 9,633,994 | 11,126,978 | 12,333,324 | 1.155 | 1.108 |
| 12/31/2017 | 9,624,396 | 11,156,480 | | 1.159 | |
| 12/31/2018 | 8,760,410 | | | | |
| (1) Average Factor (Best 3 of 5) : | | | (A) State | 1.158 | 1.103 |
| | | | (B) Multistate | 1.393 | 1.154 |
| (2) Credibility | | | | 0.970 | 0.910 |
| (3) Credibility Weighted Factors | | | | 1.165 | 1.108 |

Property Damage

| Accident | Loss Development Factors | | | | |
|------------------------------------|--------------------------|-----------|----------------|----------|----------|
| Year | \$100,000 Basic Limit | | | 15 to 27 | 27 to 39 |
| Ending | 15 Months | 27 Months | 39 Months | Months | Months |
| 12/31/2007 | 5,199,361 | 5,300,213 | 5,538,029 | 1.019 | 1.045 |
| 12/31/2008 | 4,911,117 | 4,901,576 | 4,940,118 | 0.998 | 1.008 |
| 12/31/2009 | 4,568,026 | 4,581,563 | 4,521,996 | 1.003 | 0.987 |
| 12/31/2010 | 4,209,973 | 4,328,692 | 4,342,007 | 1.028 | 1.003 |
| 12/31/2011 | 4,910,269 | 5,008,467 | 5,041,692 | 1.020 | 1.007 |
| 12/31/2012 | 4,544,357 | 4,858,139 | 4,852,077 | 1.069 | 0.999 |
| 12/31/2013 | 5,064,720 | 5,210,131 | 5,257,381 | 1.029 | 1.009 |
| 12/31/2014 | 5,955,420 | 6,256,095 | 6,162,543 | 1.050 | 0.985 |
| 12/31/2015 | 6,032,814 | 6,239,979 | 6,351,204 | 1.034 | 1.018 |
| 12/31/2016 | 6,336,755 | 6,517,463 | 6,625,929 | 1.029 | 1.017 |
| 12/31/2017 | 6,616,455 | 6,929,958 | | 1.047 | |
| 12/31/2018 | 6,859,920 | | | | |
| (1) Average Factor (Best 3 of 5) : | | | (A) State | 1.037 | 1.008 |
| | | | (B) Multistate | 1.045 | 1.009 |
| (2) Credibility | | | | 0.930 | 0.000 |
| (3) Credibility Weighted Factors | | | | 1.038 | 1.009 |

Summary of Factors

| | Bodily Injury | Property Damage |
|-------------------|------------------|--------------------|
| 39 to Ultimate ** | 1.084 | 1.004 |
| 27 to Ultimate | 1.201 | 1.013 |
| 15 to Ultimate | 1.399 | 1.051 |

** Multistate factors

INSURANCE SERVICES OFFICE, INC.

Basic Limits Loss Development
Trucks, Tractors and Trailers - Bodily Injury
No Fault States
Incurred Losses and Expenses

| Accident Year <u>Ending</u> | \$100,000 Basic Limit <u>15 Months</u> | <u>27 Months</u> | <u>39 Months</u> | <u>51 Months</u> | <u>63 Months</u> |
|-----------------------------------|---|------------------|------------------|------------------|------------------|
| 12/31/2007 | 131,415,218 | 176,058,424 | 194,744,343 | 203,918,004 | 206,831,184 |
| 12/31/2008 | 114,878,534 | 154,595,558 | 171,793,399 | 180,304,674 | 182,279,698 |
| 12/31/2009 | 105,045,929 | 139,833,866 | 157,616,290 | 165,591,146 | 168,819,309 |
| 12/31/2010 | 110,655,796 | 151,426,641 | 170,540,087 | 180,181,303 | 183,428,699 |
| 12/31/2011 | 122,878,460 | 166,652,657 | 189,562,212 | 203,418,911 | 203,717,704 |
| 12/31/2012 | 121,333,075 | 170,582,247 | 197,042,867 | 204,993,102 | 206,753,746 |
| 12/31/2013 | 132,137,684 | 183,877,518 | 210,612,444 | 225,648,737 | 229,550,076 |
| 12/31/2014 | 141,332,577 | 195,246,759 | 226,585,738 | 237,397,140 | 241,726,458 |
| 12/31/2015 | 149,302,677 | 218,498,166 | 249,209,205 | 263,186,880 | |
| 12/31/2016 | 166,698,637 | 230,821,588 | 267,993,516 | | |
| 12/31/2017 | 172,989,099 | 242,430,506 | | | |
| 12/31/2018 | 189,224,301 | | | | |

Ratios

| Accident Year <u>Ending</u> | <u>27:15</u> | <u>39:27</u> | <u>51:39</u> | <u>63:51</u> |
|------------------------------------|--------------|--------------|--------------|--------------|
| 12/31/2007 | 1.340 | 1.106 | 1.047 | 1.014 |
| 12/31/2008 | 1.346 | 1.111 | 1.050 | 1.011 |
| 12/31/2009 | 1.331 | 1.127 | 1.051 | 1.019 |
| 12/31/2010 | 1.368 | 1.126 | 1.057 | 1.018 |
| 12/31/2011 | 1.356 | 1.137 | 1.073 | 1.001 |
| 12/31/2012 | 1.406 | 1.155 | 1.040 | 1.009 |
| 12/31/2013 | 1.392 | 1.145 | 1.071 | 1.017 |
| 12/31/2014 | 1.381 | 1.161 | 1.048 | 1.018 |
| 12/31/2015 | 1.463 | 1.141 | 1.056 | |
| 12/31/2016 | 1.385 | 1.161 | | |
| 12/31/2017 | 1.401 | | | |
| Average Factor: (Best 3 of 5) | 1.393 | 1.154 | 1.058 | 1.015 |

Summary of Factors

| | | |
|------------|--|-------|
| 63 to Ult: | (75:63) (75:Ult) = | 1.009 |
| 51 to Ult: | (63:51) (75:63) (75:Ult) = | 1.024 |
| 39 to Ult: | (51:39) (63:51) (75:63) (75:Ult) = | 1.084 |
| 27 to Ult: | (39:27) (51:39) (63:51) (75:63) (75:Ult) = | 1.250 |
| 15 to Ult: | (27:15) (39:27) (51:39) (63:51) (75:63) (75:Ult) = | 1.742 |

INSURANCE SERVICES OFFICE, INC.

Basic Limits Loss Development
Trucks, Tractors and Trailers - Bodily Injury
No Fault States
Incurred Losses and Expenses

| Accident Year Ending | \$100,000 Basic Limit 75 Months | Limit 87 Months | 99 Months | 111 Months | 123 Months |
|----------------------------|------------------------------------|--------------------|-------------|-------------|-------------|
| 12/31/2007 | 208,119,745 | 209,315,655 | 209,266,167 | 209,303,811 | 209,359,281 |
| 12/31/2008 | 183,710,219 | 184,571,981 | 184,680,927 | 184,688,976 | 184,565,628 |
| 12/31/2009 | 169,497,368 | 169,381,917 | 169,549,392 | 169,640,378 | 169,600,405 |
| 12/31/2010 | 183,192,192 | 183,726,911 | 184,037,513 | 184,028,779 | |
| 12/31/2011 | 205,058,238 | 204,910,362 | 205,151,763 | | |
| 12/31/2012 | 207,932,110 | 208,453,966 | | | |
| 12/31/2013 | 231,235,523 | | | | |

Ratios

| Accident Year Ending | 75:63 | 87:75 | 99:87 | 111:99 | 123:111 |
|------------------------------------|-------|-------|-------|--------|---------|
| 12/31/2007 | 1.006 | 1.006 | 1.000 | 1.000 | 1.000 |
| 12/31/2008 | 1.008 | 1.005 | 1.001 | 1.000 | 0.999 |
| 12/31/2009 | 1.004 | 0.999 | 1.001 | 1.001 | 1.000 |
| 12/31/2010 | 0.999 | 1.003 | 1.002 | 1.000 | |
| 12/31/2011 | 1.007 | 0.999 | 1.001 | | |
| 12/31/2012 | 1.006 | 1.003 | | | |
| 12/31/2013 | 1.007 | | | | |
| Average Factor: (Best 3 of 5) | 1.006 | 1.002 | 1.001 | 1.000 | 1.000 |

Summary of Factors

| | | | |
|-------------|--|---|-------|
| 123 to Ult: | (1.000) | = | 1.000 |
| 111 to Ult: | (123:111) (123:Ult) | = | 1.000 |
| 99 to Ult: | (111:99) (123:111) (123:Ult) | = | 1.000 |
| 87 to Ult: | (99:87) (111:99) (123:111) (123:Ult) | = | 1.001 |
| 75 to Ult: | (87:75) (99:87) (111:99) (123:111) (123:Ult) | = | 1.003 |

INSURANCE SERVICES OFFICE, INC.

Basic Limits Loss Development
Trucks, Tractors and Trailers - Property Damage
Multistate
Incurred Losses and Expenses

| Accident Year <u>Ending</u> | \$100,000 Basic Limit <u>15 Months</u> | <u>27 Months</u> | <u>39 Months</u> | <u>51 Months</u> | <u>63 Months</u> |
|-----------------------------------|---|------------------|------------------|------------------|------------------|
| 12/31/2007 | 453,578,766 | 469,739,966 | 473,077,220 | 472,712,914 | 473,098,460 |
| 12/31/2008 | 404,661,210 | 414,935,982 | 417,270,996 | 417,514,888 | 418,271,866 |
| 12/31/2009 | 344,659,574 | 353,667,486 | 355,921,303 | 356,479,783 | 356,213,694 |
| 12/31/2010 | 358,561,523 | 371,121,418 | 374,062,959 | 374,883,916 | 375,081,017 |
| 12/31/2011 | 396,648,288 | 409,088,285 | 412,330,516 | 413,783,506 | 414,594,474 |
| 12/31/2012 | 396,400,012 | 410,519,962 | 413,551,050 | 414,340,760 | 414,996,640 |
| 12/31/2013 | 422,343,833 | 437,334,375 | 442,923,912 | 443,743,458 | 444,214,878 |
| 12/31/2014 | 447,785,527 | 467,713,496 | 471,176,837 | 472,601,704 | 473,298,743 |
| 12/31/2015 | 475,784,542 | 497,912,958 | 502,880,070 | 504,250,770 | |
| 12/31/2016 | 505,559,237 | 527,555,729 | 532,888,321 | | |
| 12/31/2017 | 514,794,984 | 542,551,154 | | | |
| 12/31/2018 | 570,729,230 | | | | |

Ratios

| Accident Year <u>Ending</u> | <u>27:15</u> | <u>39:27</u> | <u>51:39</u> | <u>63:51</u> |
|------------------------------------|--------------|--------------|--------------|--------------|
| 12/31/2007 | 1.036 | 1.007 | 0.999 | 1.001 |
| 12/31/2008 | 1.025 | 1.006 | 1.001 | 1.002 |
| 12/31/2009 | 1.026 | 1.006 | 1.002 | 0.999 |
| 12/31/2010 | 1.035 | 1.008 | 1.002 | 1.001 |
| 12/31/2011 | 1.031 | 1.008 | 1.004 | 1.002 |
| 12/31/2012 | 1.036 | 1.007 | 1.002 | 1.002 |
| 12/31/2013 | 1.035 | 1.013 | 1.002 | 1.001 |
| 12/31/2014 | 1.045 | 1.007 | 1.003 | 1.001 |
| 12/31/2015 | 1.047 | 1.010 | 1.003 | |
| 12/31/2016 | 1.044 | 1.010 | | |
| 12/31/2017 | 1.054 | | | |
| Average Factor: (Best 3 of 5) | 1.045 | 1.009 | 1.003 | 1.001 |

Summary of Factors

| | | |
|------------|--|-------|
| 63 to Ult: | (75:63) (75:Ult) = | 1.000 |
| 51 to Ult: | (63:51) (75:63) (75:Ult) = | 1.001 |
| 39 to Ult: | (51:39) (63:51) (75:63) (75:Ult) = | 1.004 |
| 27 to Ult: | (39:27) (51:39) (63:51) (75:63) (75:Ult) = | 1.013 |
| 15 to Ult: | (27:15) (39:27) (51:39) (63:51) (75:63) (75:Ult) = | 1.059 |

INSURANCE SERVICES OFFICE, INC.

Basic Limits Loss Development
Trucks, Tractors and Trailers - Property Damage
Multistate
Incurred Losses and Expenses

| Accident Year <u>Ending</u> | \$100,000 Basic Limit <u>75 Months</u> | <u>87 Months</u> | <u>99 Months</u> | <u>111 Months</u> |
|-----------------------------------|---|------------------|------------------|-------------------|
| 12/31/2007 | 473,825,003 | 473,687,543 | 473,720,995 | 473,697,052 |
| 12/31/2008 | 418,229,625 | 418,270,326 | 418,414,204 | 418,285,323 |
| 12/31/2009 | 356,393,139 | 356,393,033 | 356,615,417 | 356,705,304 |
| 12/31/2010 | 375,150,876 | 374,996,154 | 375,087,116 | 375,162,341 |
| 12/31/2011 | 414,717,965 | 414,781,494 | 414,868,974 | |
| 12/31/2012 | 415,331,657 | 415,703,661 | | |
| 12/31/2013 | 444,303,596 | | | |

Ratios

| Accident Year <u>Ending</u> | <u>75:63</u> | <u>87:75</u> | <u>99:87</u> | <u>111:99</u> |
|------------------------------------|--------------|--------------|--------------|---------------|
| 12/31/2007 | 1.002 | 1.000 | 1.000 | 1.000 |
| 12/31/2008 | 1.000 | 1.000 | 1.000 | 1.000 |
| 12/31/2009 | 1.001 | 1.000 | 1.001 | 1.000 |
| 12/31/2010 | 1.000 | 1.000 | 1.000 | 1.000 |
| 12/31/2011 | 1.000 | 1.000 | 1.000 | |
| 12/31/2012 | 1.001 | 1.001 | | |
| 12/31/2013 | 1.000 | | | |
| Average Factor: (Best 3 of 5) | 1.000 | 1.000 | 1.000 | 1.000 |

Summary of Factors

| | | | |
|-------------|------------------------------------|---|-------|
| 111 to Ult: | (1.000) | = | 1.000 |
| 99 to Ult: | (111:99) (111:Ult) | = | 1.000 |
| 87 to Ult: | (99:87) (111:99) (111:Ult) | = | 1.000 |
| 75 to Ult: | (87:75) (99:87) (111:99) (111:Ult) | = | 1.000 |

INSURANCE SERVICES OFFICE, INC.

KENTUCKY
No-Fault Insurance - Trucks, Tractors and Trailers (A)
Loss Development

Accident
Year

| <u>Ending</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> |
|---------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| 12/31/2009 | 860,156 | 782,698 | 736,453 | 703,354 | 694,086 | 685,834 | 685,835 | 685,835 |
| 12/31/2010 | 957,182 | 883,038 | 799,438 | 767,925 | 769,299 | 769,300 | 769,300 | 769,302 |
| 12/31/2011 | 971,074 | 915,753 | 841,410 | 772,193 | 755,672 | 750,675 | 750,687 | 750,687 |
| 12/31/2012 | 959,987 | 887,646 | 869,937 | 829,194 | 803,193 | 789,800 | 789,800 | |
| 12/31/2013 | 931,261 | 861,935 | 812,282 | 793,354 | 781,442 | 771,736 | | |
| 12/31/2014 | 806,636 | 797,216 | 761,519 | 741,183 | 741,082 | | | |
| 12/31/2015 | 1,093,227 | 878,534 | 847,392 | 836,882 | | | | |
| 12/31/2016 | 907,238 | 854,021 | 828,832 | | | | | |
| 12/31/2017 | 1,190,723 | 991,246 | | | | | | |
| 12/31/2018 | 777,237 | | | | | | | |

Ratios

Accident
Year

| <u>Ending</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> |
|---------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| 12/31/2009 | 0.910 | 0.941 | 0.955 | 0.987 | 0.988 | 1.000 | 1.000 |
| 12/31/2010 | 0.923 | 0.905 | 0.961 | 1.002 | 1.000 | 1.000 | 1.000 |
| 12/31/2011 | 0.943 | 0.919 | 0.918 | 0.979 | 0.993 | 1.000 | 1.000 |
| 12/31/2012 | 0.925 | 0.980 | 0.953 | 0.969 | 0.983 | 1.000 | |
| 12/31/2013 | 0.926 | 0.942 | 0.977 | 0.985 | 0.988 | | |
| 12/31/2014 | 0.988 | 0.955 | 0.973 | 1.000 | | | |
| 12/31/2015 | 0.804 | 0.965 | 0.988 | | | | |
| 12/31/2016 | 0.941 | 0.971 | | | | | |
| 12/31/2017 | 0.832 | | | | | | |

Average Factor:

| | | | | | | | |
|---------------|-------|-------|-------|-------|-------|-------|-------|
| (Best 3 of 5) | 0.900 | 0.964 | 0.968 | 0.988 | 0.990 | 1.000 | 1.000 |
| (Latest 3) | 0.859 | 0.964 | 0.979 | 0.985 | 0.988 | 1.000 | 1.000 |
| (Latest 5) | 0.898 | 0.963 | 0.962 | 0.987 | 0.990 | 1.000 | 1.000 |

| | | | | | | | |
|------------------|-------|-------|-------|-------|-------|-------|-------|
| Selected Factor: | 0.900 | 0.963 | 0.968 | 0.988 | 0.990 | 1.000 | 1.000 |
|------------------|-------|-------|-------|-------|-------|-------|-------|

Summary of Factors

| | | |
|------------|--|-------|
| 99 to Ult: | (99:Ult) = | 1.000 |
| 87 to Ult: | (99:87) (99:Ult) = | 1.000 |
| 75 to Ult: | (87:75) (99:87) (99:Ult) = | 1.000 |
| 63 to Ult: | (75:63) (87:75) (99:87) (99:Ult) = | 0.990 |
| 51 to Ult: | (63:51) (75:63) (87:75) (99:87) (99:Ult) = | 0.978 |
| 39 to Ult: | (51:39) (63:51) (75:63) (87:75) (99:87) (99:Ult) = | 0.946 |
| 27 to Ult: | (39:27) (51:39) (63:51) (75:63) (87:75) (99:87) (99:Ult) = | 0.911 |
| 15 to Ult: | (27:15) (39:27) (51:39) (63:51) (75:63) (87:75) (99:87) (99:Ult) = | 0.820 |

(A) Includes Basic Benefits Losses.

INSURANCE SERVICES OFFICE, INC.

KENTUCKY

Automobile Liability Insurance - Private Passenger Types

Loss Development

Incurred Losses and Expenses

Bodily Injury

| Accident | Loss Development Factors | | | | |
|------------------------------------|--------------------------|------------------|------------------|---------------|---------------|
| Year | \$100,000 Basic Limit | | | 15 to 27 | 27 to 39 |
| <u>Ending</u> | <u>15 Months</u> | <u>27 Months</u> | <u>39 Months</u> | <u>Months</u> | <u>Months</u> |
| 12/31/2007 | 1,829,491 | 1,946,999 | 2,114,066 | 1.064 | 1.086 |
| 12/31/2008 | 1,128,691 | 1,034,905 | 1,185,251 | 0.917 | 1.145 |
| 12/31/2009 | 1,400,408 | 1,619,575 | 1,890,737 | 1.157 | 1.167 |
| 12/31/2010 | 2,125,493 | 1,814,497 | 2,080,026 | 0.854 | 1.146 |
| 12/31/2011 | 1,491,927 | 1,694,013 | 1,922,415 | 1.135 | 1.135 |
| 12/31/2012 | 1,393,370 | 1,601,167 | 1,678,493 | 1.149 | 1.048 |
| 12/31/2013 | 1,713,068 | 2,310,664 | 2,403,907 | 1.349 | 1.040 |
| 12/31/2014 | 2,107,455 | 2,214,984 | 2,323,193 | 1.051 | 1.049 |
| 12/31/2015 | 2,361,694 | 2,438,610 | 2,870,688 | 1.033 | 1.177 |
| 12/31/2016 | 2,299,030 | 2,913,993 | 3,026,162 | 1.267 | 1.038 |
| 12/31/2017 | 1,465,587 | 1,675,669 | | 1.143 | |
| 12/31/2018 | 1,618,508 | | | | |
| (1) Average Factor (Best 3 of 5) : | | | (A) State | 1.154 | 1.046 |
| | | | (B) Multistate | 1.404 | 1.158 |
| (2) Credibility | | | | 0.900 | 0.820 |
| (3) Credibility Weighted Factors | | | | 1.179 | 1.066 |

Property Damage

| Accident | Loss Development Factors | | | | |
|------------------------------------|--------------------------|------------------|------------------|---------------|---------------|
| Year | \$100,000 Basic Limit | | | 15 to 27 | 27 to 39 |
| <u>Ending</u> | <u>15 Months</u> | <u>27 Months</u> | <u>39 Months</u> | <u>Months</u> | <u>Months</u> |
| 12/31/2007 | 1,372,259 | 1,328,919 | 1,331,510 | 0.968 | 1.002 |
| 12/31/2008 | 1,280,715 | 1,298,001 | 1,295,333 | 1.013 | 0.998 |
| 12/31/2009 | 1,027,634 | 1,073,662 | 1,081,561 | 1.045 | 1.007 |
| 12/31/2010 | 1,127,075 | 1,145,638 | 1,138,911 | 1.016 | 0.994 |
| 12/31/2011 | 1,106,619 | 1,131,874 | 1,130,874 | 1.023 | 0.999 |
| 12/31/2012 | 1,336,263 | 1,380,907 | 1,378,515 | 1.033 | 0.998 |
| 12/31/2013 | 1,363,561 | 1,401,175 | 1,404,651 | 1.028 | 1.002 |
| 12/31/2014 | 1,457,642 | 1,479,580 | 1,490,460 | 1.015 | 1.007 |
| 12/31/2015 | 1,400,744 | 1,468,478 | 1,499,134 | 1.048 | 1.021 |
| 12/31/2016 | 1,685,882 | 1,722,301 | 1,741,798 | 1.022 | 1.011 |
| 12/31/2017 | 1,330,354 | 1,364,022 | | 1.025 | |
| 12/31/2018 | 1,455,464 | | | | |
| (1) Average Factor (Best 3 of 5) : | | | (A) State | 1.025 | 1.007 |
| | | | (B) Multistate | 1.045 | 1.008 |
| (2) Credibility | | | | 0.880 | 0.000 |
| (3) Credibility Weighted Factors | | | | 1.027 | 1.008 |

Summary of Factors

| | Bodily Injury | Property Damage |
|-------------------|------------------|--------------------|
| 39 to Ultimate ** | 1.082 | 1.004 |
| 27 to Ultimate | 1.153 | 1.012 |
| 15 to Ultimate | 1.359 | 1.039 |

** Multistate factors

INSURANCE SERVICES OFFICE, INC.

Basic Limits Loss Development
Private Passenger Types - Bodily Injury
No Fault States
Incurred Losses and Expenses

| Accident Year Ending | \$100,000 Basic Limit 15 Months | 27 Months | 39 Months | 51 Months | 63 Months |
|----------------------------|------------------------------------|------------|------------|------------|------------|
| 12/31/2007 | 29,626,743 | 40,579,773 | 46,270,280 | 48,182,761 | 49,137,656 |
| 12/31/2008 | 28,517,180 | 38,060,182 | 43,461,513 | 45,321,199 | 46,318,925 |
| 12/31/2009 | 28,117,800 | 39,517,298 | 45,030,332 | 47,072,574 | 47,163,510 |
| 12/31/2010 | 31,777,293 | 44,385,590 | 49,465,744 | 53,113,728 | 54,278,363 |
| 12/31/2011 | 32,405,824 | 46,530,239 | 52,238,324 | 54,454,928 | 55,516,771 |
| 12/31/2012 | 34,599,845 | 45,601,779 | 53,276,162 | 56,174,743 | 57,630,797 |
| 12/31/2013 | 34,299,874 | 48,228,706 | 54,778,769 | 59,696,315 | 60,991,563 |
| 12/31/2014 | 33,499,870 | 47,380,333 | 55,890,607 | 58,865,440 | 59,899,543 |
| 12/31/2015 | 31,505,027 | 46,314,677 | 52,703,592 | 56,036,879 | |
| 12/31/2016 | 38,100,564 | 52,314,303 | 61,159,868 | | |
| 12/31/2017 | 33,637,526 | 46,786,833 | | | |
| 12/31/2018 | 31,967,478 | | | | |

Ratios

| Accident Year Ending | 27:15 | 39:27 | 51:39 | 63:51 |
|------------------------------------|-------|-------|-------|-------|
| 12/31/2007 | 1.370 | 1.140 | 1.041 | 1.020 |
| 12/31/2008 | 1.335 | 1.142 | 1.043 | 1.022 |
| 12/31/2009 | 1.405 | 1.140 | 1.045 | 1.002 |
| 12/31/2010 | 1.397 | 1.114 | 1.074 | 1.022 |
| 12/31/2011 | 1.436 | 1.123 | 1.042 | 1.019 |
| 12/31/2012 | 1.318 | 1.168 | 1.054 | 1.026 |
| 12/31/2013 | 1.406 | 1.136 | 1.090 | 1.022 |
| 12/31/2014 | 1.414 | 1.180 | 1.053 | 1.018 |
| 12/31/2015 | 1.470 | 1.138 | 1.063 | |
| 12/31/2016 | 1.373 | 1.169 | | |
| 12/31/2017 | 1.391 | | | |
| Average Factor: (Best 3 of 5) | 1.404 | 1.158 | 1.057 | 1.021 |

Summary of Factors

| | | |
|------------|--|-------|
| 63 to Ult: | (75:63) (75:Ult) = | 1.003 |
| 51 to Ult: | (63:51) (75:63) (75:Ult) = | 1.024 |
| 39 to Ult: | (51:39) (63:51) (75:63) (75:Ult) = | 1.082 |
| 27 to Ult: | (39:27) (51:39) (63:51) (75:63) (75:Ult) = | 1.253 |
| 15 to Ult: | (27:15) (39:27) (51:39) (63:51) (75:63) (75:Ult) = | 1.760 |

INSURANCE SERVICES OFFICE, INC.

Basic Limits Loss Development
Private Passenger Types - Bodily Injury
No Fault States
Incurred Losses and Expenses

| Accident Year Ending | \$100,000 Basic Limit 75 Months | 87 Months | 99 Months | 111 Months | 123 Months |
|----------------------------|------------------------------------|------------|------------|------------|------------|
| 12/31/2007 | 49,879,173 | 49,928,285 | 49,770,875 | 49,781,121 | 49,783,088 |
| 12/31/2008 | 46,576,962 | 46,983,302 | 46,949,168 | 46,891,902 | 46,897,023 |
| 12/31/2009 | 47,237,436 | 47,113,409 | 47,092,536 | 47,171,211 | 47,176,881 |
| 12/31/2010 | 54,706,247 | 54,776,004 | 54,687,318 | 54,765,130 | |
| 12/31/2011 | 55,458,331 | 55,506,325 | 55,495,745 | | |
| 12/31/2012 | 58,125,021 | 57,865,737 | | | |
| 12/31/2013 | 60,589,106 | | | | |

Ratios

| Accident Year Ending | 75:63 | 87:75 | 99:87 | 111:99 | 123:111 |
|------------------------------------|-------|-------|-------|--------|---------|
| 12/31/2007 | 1.015 | 1.001 | 0.997 | 1.000 | 1.000 |
| 12/31/2008 | 1.006 | 1.009 | 0.999 | 0.999 | 1.000 |
| 12/31/2009 | 1.002 | 0.997 | 1.000 | 1.002 | 1.000 |
| 12/31/2010 | 1.008 | 1.001 | 0.998 | 1.001 | |
| 12/31/2011 | 0.999 | 1.001 | 1.000 | | |
| 12/31/2012 | 1.009 | 0.996 | | | |
| 12/31/2013 | 0.993 | | | | |
| Average Factor: (Best 3 of 5) | 1.003 | 1.000 | 0.999 | 1.001 | 1.000 |

Summary of Factors

| | | | |
|-------------|--|---|-------|
| 123 to Ult: | (1.000) | = | 1.000 |
| 111 to Ult: | (123:111) (123:Ult) | = | 1.000 |
| 99 to Ult: | (111:99) (123:111) (123:Ult) | = | 1.001 |
| 87 to Ult: | (99:87) (111:99) (123:111) (123:Ult) | = | 1.000 |
| 75 to Ult: | (87:75) (99:87) (111:99) (123:111) (123:Ult) | = | 1.000 |

INSURANCE SERVICES OFFICE, INC.

Basic Limits Loss Development
Private Passenger Types - Property Damage
Multistate
Incurred Losses and Expenses

| Accident Year Ending | \$100,000 Basic Limit 15 Months | 27 Months | 39 Months | 51 Months | 63 Months |
|----------------------------|------------------------------------|-------------|-------------|------------|------------|
| 12/31/2007 | 88,217,477 | 90,127,510 | 90,485,562 | 90,819,605 | 90,861,489 |
| 12/31/2008 | 83,958,499 | 86,601,082 | 86,797,411 | 86,855,151 | 86,833,617 |
| 12/31/2009 | 78,718,247 | 81,132,797 | 81,453,911 | 81,724,545 | 81,685,214 |
| 12/31/2010 | 79,918,898 | 82,738,957 | 83,056,280 | 83,251,080 | 83,234,839 |
| 12/31/2011 | 85,441,799 | 88,035,482 | 88,605,150 | 89,040,457 | 89,253,120 |
| 12/31/2012 | 87,896,204 | 91,282,849 | 91,913,860 | 92,122,374 | 92,085,827 |
| 12/31/2013 | 88,760,482 | 92,620,605 | 93,239,528 | 93,532,881 | 93,549,792 |
| 12/31/2014 | 87,916,075 | 92,108,244 | 92,577,330 | 92,843,486 | 92,903,680 |
| 12/31/2015 | 91,168,401 | 95,223,290 | 96,053,523 | 96,398,494 | |
| 12/31/2016 | 95,873,624 | 100,107,250 | 101,241,339 | | |
| 12/31/2017 | 90,719,422 | 95,657,774 | | | |
| 12/31/2018 | 96,240,312 | | | | |

Ratios

| Accident Year Ending | 27:15 | 39:27 | 51:39 | 63:51 |
|------------------------------------|-------|-------|-------|-------|
| 12/31/2007 | 1.022 | 1.004 | 1.004 | 1.000 |
| 12/31/2008 | 1.031 | 1.002 | 1.001 | 1.000 |
| 12/31/2009 | 1.031 | 1.004 | 1.003 | 1.000 |
| 12/31/2010 | 1.035 | 1.004 | 1.002 | 1.000 |
| 12/31/2011 | 1.030 | 1.006 | 1.005 | 1.002 |
| 12/31/2012 | 1.039 | 1.007 | 1.002 | 1.000 |
| 12/31/2013 | 1.043 | 1.007 | 1.003 | 1.000 |
| 12/31/2014 | 1.048 | 1.005 | 1.003 | 1.001 |
| 12/31/2015 | 1.044 | 1.009 | 1.004 | |
| 12/31/2016 | 1.044 | 1.011 | | |
| 12/31/2017 | 1.054 | | | |
| Average Factor: (Best 3 of 5) | 1.045 | 1.008 | 1.003 | 1.000 |

Summary of Factors

| | | |
|------------|--|-------|
| 63 to Ult: | (75:63) (75:Ult) = | 1.001 |
| 51 to Ult: | (63:51) (75:63) (75:Ult) = | 1.001 |
| 39 to Ult: | (51:39) (63:51) (75:63) (75:Ult) = | 1.004 |
| 27 to Ult: | (39:27) (51:39) (63:51) (75:63) (75:Ult) = | 1.012 |
| 15 to Ult: | (27:15) (39:27) (51:39) (63:51) (75:63) (75:Ult) = | 1.058 |

INSURANCE SERVICES OFFICE, INC.

Basic Limits Loss Development
 Private Passenger Types - Property Damage
 Multistate
 Incurred Losses and Expenses

| Accident Year <u>Ending</u> | \$100,000 Basic Limit <u>75 Months</u> | <u>87 Months</u> | <u>99 Months</u> | <u>111 Months</u> |
|-----------------------------------|---|------------------|------------------|-------------------|
| 12/31/2007 | 90,949,656 | 90,840,041 | 90,843,403 | 90,844,292 |
| 12/31/2008 | 86,830,882 | 86,802,173 | 86,800,373 | 86,798,574 |
| 12/31/2009 | 81,693,663 | 81,725,681 | 81,715,760 | 81,706,953 |
| 12/31/2010 | 83,438,417 | 83,428,317 | 83,427,420 | 83,372,138 |
| 12/31/2011 | 89,339,108 | 89,403,496 | 89,403,525 | |
| 12/31/2012 | 92,187,822 | 92,130,655 | | |
| 12/31/2013 | 93,540,610 | | | |

Ratios

| Accident Year <u>Ending</u> | <u>75:63</u> | <u>87:75</u> | <u>99:87</u> | <u>111:99</u> |
|------------------------------------|--------------|--------------|--------------|---------------|
| 12/31/2007 | 1.001 | 0.999 | 1.000 | 1.000 |
| 12/31/2008 | 1.000 | 1.000 | 1.000 | 1.000 |
| 12/31/2009 | 1.000 | 1.000 | 1.000 | 1.000 |
| 12/31/2010 | 1.002 | 1.000 | 1.000 | 0.999 |
| 12/31/2011 | 1.001 | 1.001 | 1.000 | |
| 12/31/2012 | 1.001 | 0.999 | | |
| 12/31/2013 | 1.000 | | | |
| Average Factor: (Best 3 of 5) | 1.001 | 1.000 | 1.000 | 1.000 |

Summary of Factors

| | | | |
|-------------|------------------------------------|---|-------|
| 111 to Ult: | (1.000) | = | 1.000 |
| 99 to Ult: | (111:99) (111:Ult) | = | 1.000 |
| 87 to Ult: | (99:87) (111:99) (111:Ult) | = | 1.000 |
| 75 to Ult: | (87:75) (99:87) (111:99) (111:Ult) | = | 1.000 |

INSURANCE SERVICES OFFICE, INC.

KENTUCKY
No-Fault Insurance - Private Passenger Types (A)
Loss Development

Accident
Year

| <u>Ending</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> |
|---------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| 12/31/2009 | 357,421 | 319,083 | 300,043 | 293,876 | 289,677 | 289,677 | 289,677 | 289,677 |
| 12/31/2010 | 290,216 | 234,522 | 238,300 | 208,862 | 205,248 | 200,997 | 199,772 | 199,772 |
| 12/31/2011 | 376,893 | 327,951 | 267,948 | 246,249 | 246,261 | 246,261 | 246,261 | 246,261 |
| 12/31/2012 | 500,813 | 431,009 | 408,600 | 406,505 | 390,966 | 383,970 | 370,361 | |
| 12/31/2013 | 572,601 | 476,088 | 431,718 | 452,756 | 447,962 | 432,962 | | |
| 12/31/2014 | 453,270 | 389,923 | 370,393 | 360,607 | 356,107 | | | |
| 12/31/2015 | 401,724 | 354,415 | 339,092 | 328,602 | | | | |
| 12/31/2016 | 495,516 | 416,702 | 385,167 | | | | | |
| 12/31/2017 | 584,342 | 502,041 | | | | | | |
| 12/31/2018 | 397,799 | | | | | | | |

Ratios

Accident
Year

| <u>Ending</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> |
|---------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| 12/31/2009 | 0.893 | 0.940 | 0.979 | 0.986 | 1.000 | 1.000 | 1.000 |
| 12/31/2010 | 0.808 | 1.016 | 0.876 | 0.983 | 0.979 | 0.994 | 1.000 |
| 12/31/2011 | 0.870 | 0.817 | 0.919 | 1.000 | 1.000 | 1.000 | 1.000 |
| 12/31/2012 | 0.861 | 0.948 | 0.995 | 0.962 | 0.982 | 0.965 | |
| 12/31/2013 | 0.831 | 0.907 | 1.049 | 0.989 | 0.967 | | |
| 12/31/2014 | 0.860 | 0.950 | 0.974 | 0.988 | | | |
| 12/31/2015 | 0.882 | 0.957 | 0.969 | | | | |
| 12/31/2016 | 0.841 | 0.924 | | | | | |
| 12/31/2017 | 0.859 | | | | | | |

Average Factor:

| | | | | | | | |
|---------------|-------|-------|-------|-------|-------|-------|-------|
| (Best 3 of 5) | 0.853 | 0.941 | 0.979 | 0.987 | 0.987 | 0.997 | 1.000 |
| (Latest 3) | 0.861 | 0.944 | 0.997 | 0.980 | 0.983 | 0.986 | 1.000 |
| (Latest 5) | 0.855 | 0.937 | 0.981 | 0.984 | 0.986 | 0.990 | 1.000 |

| | | | | | | | |
|------------------|-------|-------|-------|-------|-------|-------|-------|
| Selected Factor: | 0.853 | 0.941 | 0.979 | 0.987 | 0.987 | 0.997 | 1.000 |
|------------------|-------|-------|-------|-------|-------|-------|-------|

Summary of Factors

| | | |
|------------|--|-------|
| 99 to Ult: | (99:Ult) = | 1.000 |
| 87 to Ult: | (99:87) (99:Ult) = | 1.000 |
| 75 to Ult: | (87:75) (99:87) (99:Ult) = | 0.997 |
| 63 to Ult: | (75:63) (87:75) (99:87) (99:Ult) = | 0.984 |
| 51 to Ult: | (63:51) (75:63) (87:75) (99:87) (99:Ult) = | 0.971 |
| 39 to Ult: | (51:39) (63:51) (75:63) (87:75) (99:87) (99:Ult) = | 0.951 |
| 27 to Ult: | (39:27) (51:39) (63:51) (75:63) (87:75) (99:87) (99:Ult) = | 0.895 |
| 15 to Ult: | (27:15) (39:27) (51:39) (63:51) (75:63) (87:75) (99:87) (99:Ult) = | 0.764 |

(A) Includes Basic Benefits Losses.

INSURANCE SERVICES OFFICE, INC.

Physical Damage Loss Development
Trucks, Tractors and Trailers - Other than Collision
Multistate
Paid Losses

| Accident Year <u>Ending</u> | <u>15 Months</u> | <u>27 Months</u> | <u>39 Months</u> | <u>51 Months</u> | <u>63 Months</u> |
|-----------------------------------|------------------|------------------|------------------|------------------|------------------|
| 12/31/2007 | 141,522,276 | 145,069,053 | 144,817,899 | 144,711,804 | 144,646,931 |
| 12/31/2008 | 171,013,107 | 174,320,692 | 174,311,746 | 174,229,528 | 174,203,296 |
| 12/31/2009 | 141,551,003 | 143,657,672 | 143,943,827 | 144,040,822 | 144,069,848 |
| 12/31/2010 | 163,525,914 | 166,553,181 | 166,726,703 | 166,571,590 | 166,703,162 |
| 12/31/2011 | 186,150,891 | 189,182,048 | 189,404,166 | 189,492,002 | 189,446,108 |
| 12/31/2012 | 209,105,866 | 213,371,965 | 213,362,467 | 213,446,208 | 213,705,968 |
| 12/31/2013 | 170,684,329 | 174,742,867 | 175,182,720 | 175,556,520 | 175,523,843 |
| 12/31/2014 | 180,159,469 | 184,752,951 | 184,883,833 | 184,752,485 | 184,705,503 |
| 12/31/2015 | 177,284,933 | 181,084,061 | 181,187,579 | 181,662,577 | |
| 12/31/2016 | 228,360,717 | 233,053,109 | 233,235,102 | | |
| 12/31/2017 | 241,691,033 | 247,462,565 | | | |
| 12/31/2018 | 232,734,585 | | | | |

Ratios

| Accident Year <u>Ending</u> | <u>27:15</u> | <u>39:27</u> | <u>51:39</u> | <u>63:51</u> |
|------------------------------------|--------------|--------------|--------------|--------------|
| 12/31/2007 | 1.025 | 0.998 | 0.999 | 1.000 |
| 12/31/2008 | 1.019 | 1.000 | 1.000 | 1.000 |
| 12/31/2009 | 1.015 | 1.002 | 1.001 | 1.000 |
| 12/31/2010 | 1.019 | 1.001 | 0.999 | 1.001 |
| 12/31/2011 | 1.016 | 1.001 | 1.000 | 1.000 |
| 12/31/2012 | 1.020 | 1.000 | 1.000 | 1.001 |
| 12/31/2013 | 1.024 | 1.003 | 1.002 | 1.000 |
| 12/31/2014 | 1.025 | 1.001 | 0.999 | 1.000 |
| 12/31/2015 | 1.021 | 1.001 | 1.003 | |
| 12/31/2016 | 1.021 | 1.001 | | |
| 12/31/2017 | 1.024 | | | |
| Average Factor: (Best 3 of 5) | 1.023 | 1.001 | 1.001 | 1.000 |

Summary of Factors

| | | |
|------------|--|-------|
| 63 to Ult: | (75:63) (75:Ult) = | 1.000 |
| 51 to Ult: | (63:51) (75:63) (75:Ult) = | 1.000 |
| 39 to Ult: | (51:39) (63:51) (75:63) (75:Ult) = | 1.001 |
| 27 to Ult: | (39:27) (51:39) (63:51) (75:63) (75:Ult) = | 1.002 |
| 15 to Ult: | (27:15) (39:27) (51:39) (63:51) (75:63) (75:Ult) = | 1.025 |

INSURANCE SERVICES OFFICE, INC.

Physical Damage Loss Development
Trucks, Tractors and Trailers - Other than Collision
Multistate
Paid Losses

| Accident Year <u>Ending</u> | <u>75 Months</u> | <u>87 Months</u> | <u>99 Months</u> | <u>111 Months</u> | <u>123 Months</u> |
|-----------------------------------|------------------|------------------|------------------|-------------------|-------------------|
| 12/31/2007 | 144,728,816 | 144,666,655 | 144,653,099 | 144,565,639 | 144,586,432 |
| 12/31/2008 | 174,380,600 | 174,348,870 | 174,354,858 | 174,440,876 | 174,441,339 |
| 12/31/2009 | 143,919,576 | 143,918,677 | 143,934,901 | 144,011,838 | 144,001,352 |
| 12/31/2010 | 166,799,002 | 166,855,302 | 166,847,170 | 166,844,994 | |
| 12/31/2011 | 189,436,240 | 189,425,268 | 189,412,395 | | |
| 12/31/2012 | 213,680,136 | 213,746,174 | | | |
| 12/31/2013 | 175,578,683 | | | | |

Ratios

| Accident Year <u>Ending</u> | <u>75:63</u> | <u>87:75</u> | <u>99:87</u> | <u>111:99</u> | <u>123:111</u> |
|------------------------------------|--------------|--------------|--------------|---------------|----------------|
| 12/31/2007 | 1.001 | 1.000 | 1.000 | 0.999 | 1.000 |
| 12/31/2008 | 1.001 | 1.000 | 1.000 | 1.000 | 1.000 |
| 12/31/2009 | 0.999 | 1.000 | 1.000 | 1.001 | 1.000 |
| 12/31/2010 | 1.001 | 1.000 | 1.000 | 1.000 | |
| 12/31/2011 | 1.000 | 1.000 | 1.000 | | |
| 12/31/2012 | 1.000 | 1.000 | | | |
| 12/31/2013 | 1.000 | | | | |
| Average Factor: (Best 3 of 5) | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 |

Summary of Factors

| | | | |
|-------------|--|---|-------|
| 123 to Ult: | (1.000) | = | 1.000 |
| 111 to Ult: | (123:111) (123:Ult) | = | 1.000 |
| 99 to Ult: | (111:99) (123:111) (123:Ult) | = | 1.000 |
| 87 to Ult: | (99:87) (111:99) (123:111) (123:Ult) | = | 1.000 |
| 75 to Ult: | (87:75) (99:87) (111:99) (123:111) (123:Ult) | = | 1.000 |

INSURANCE SERVICES OFFICE, INC.

Physical Damage Loss Development
Trucks, Tractors and Trailers - Collision
Multistate
Paid Losses

| Accident Year <u>Ending</u> | <u>15 Months</u> | <u>27 Months</u> | <u>39 Months</u> | <u>51 Months</u> | <u>63 Months</u> |
|-----------------------------------|------------------|------------------|------------------|------------------|------------------|
| 12/31/2007 | 423,085,317 | 415,150,351 | 413,292,385 | 412,914,282 | 412,587,929 |
| 12/31/2008 | 420,539,888 | 413,640,818 | 413,017,146 | 412,298,354 | 411,379,544 |
| 12/31/2009 | 351,773,999 | 345,262,899 | 344,320,006 | 343,910,074 | 344,030,262 |
| 12/31/2010 | 376,691,346 | 369,039,300 | 367,624,184 | 367,541,695 | 367,536,589 |
| 12/31/2011 | 406,198,898 | 397,827,255 | 395,595,841 | 395,263,424 | 395,343,844 |
| 12/31/2012 | 399,816,675 | 393,104,795 | 390,822,370 | 390,120,621 | 390,294,747 |
| 12/31/2013 | 423,314,142 | 414,708,995 | 413,129,300 | 413,852,064 | 412,636,165 |
| 12/31/2014 | 467,412,929 | 458,132,237 | 455,293,072 | 454,900,521 | 454,594,817 |
| 12/31/2015 | 501,663,305 | 487,123,978 | 484,164,823 | 483,161,035 | |
| 12/31/2016 | 537,118,437 | 522,157,950 | 517,652,719 | | |
| 12/31/2017 | 561,736,034 | 542,984,108 | | | |
| 12/31/2018 | 610,316,140 | | | | |

Ratios

| Accident Year <u>Ending</u> | <u>27:15</u> | <u>39:27</u> | <u>51:39</u> | <u>63:51</u> |
|------------------------------------|--------------|--------------|--------------|--------------|
| 12/31/2007 | 0.981 | 0.996 | 0.999 | 0.999 |
| 12/31/2008 | 0.984 | 0.998 | 0.998 | 0.998 |
| 12/31/2009 | 0.981 | 0.997 | 0.999 | 1.000 |
| 12/31/2010 | 0.980 | 0.996 | 1.000 | 1.000 |
| 12/31/2011 | 0.979 | 0.994 | 0.999 | 1.000 |
| 12/31/2012 | 0.983 | 0.994 | 0.998 | 1.000 |
| 12/31/2013 | 0.980 | 0.996 | 1.002 | 0.997 |
| 12/31/2014 | 0.980 | 0.994 | 0.999 | 0.999 |
| 12/31/2015 | 0.971 | 0.994 | 0.998 | |
| 12/31/2016 | 0.972 | 0.991 | | |
| 12/31/2017 | 0.967 | | | |
| Average Factor: (Best 3 of 5) | 0.974 | 0.994 | 0.999 | 1.000 |

Summary of Factors

| | | |
|------------|--|-------|
| 63 to Ult: | (75:63) (75:Ult) = | 1.000 |
| 51 to Ult: | (63:51) (75:63) (75:Ult) = | 1.000 |
| 39 to Ult: | (51:39) (63:51) (75:63) (75:Ult) = | 0.999 |
| 27 to Ult: | (39:27) (51:39) (63:51) (75:63) (75:Ult) = | 0.993 |
| 15 to Ult: | (27:15) (39:27) (51:39) (63:51) (75:63) (75:Ult) = | 0.967 |

INSURANCE SERVICES OFFICE, INC.

Physical Damage Loss Development
Trucks, Tractors and Trailers - Collision
Multistate
Paid Losses

| Accident Year <u>Ending</u> | <u>75 Months</u> | <u>87 Months</u> | <u>99 Months</u> | <u>111 Months</u> | <u>123 Months</u> |
|-----------------------------------|------------------|------------------|------------------|-------------------|-------------------|
| 12/31/2007 | 412,506,266 | 412,477,701 | 412,424,363 | 412,405,054 | 412,467,525 |
| 12/31/2008 | 412,408,793 | 412,281,298 | 412,245,518 | 412,267,846 | 412,365,073 |
| 12/31/2009 | 343,804,459 | 343,719,389 | 343,704,867 | 343,722,129 | 343,712,917 |
| 12/31/2010 | 367,453,193 | 367,364,091 | 367,322,826 | 367,298,542 | |
| 12/31/2011 | 395,318,329 | 395,347,733 | 395,322,899 | | |
| 12/31/2012 | 390,285,109 | 390,211,607 | | | |
| 12/31/2013 | 412,541,783 | | | | |

Ratios

| Accident Year <u>Ending</u> | <u>75:63</u> | <u>87:75</u> | <u>99:87</u> | <u>111:99</u> | <u>123:111</u> |
|------------------------------------|--------------|--------------|--------------|---------------|----------------|
| 12/31/2007 | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 |
| 12/31/2008 | 1.003 | 1.000 | 1.000 | 1.000 | 1.000 |
| 12/31/2009 | 0.999 | 1.000 | 1.000 | 1.000 | 1.000 |
| 12/31/2010 | 1.000 | 1.000 | 1.000 | 1.000 | |
| 12/31/2011 | 1.000 | 1.000 | 1.000 | | |
| 12/31/2012 | 1.000 | 1.000 | | | |
| 12/31/2013 | 1.000 | | | | |
| Average Factor: (Best 3 of 5) | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 |

Summary of Factors

| | | | |
|-------------|--|---|-------|
| 123 to Ult: | (1.000) | = | 1.000 |
| 111 to Ult: | (123:111) (123:Ult) | = | 1.000 |
| 99 to Ult: | (111:99) (123:111) (123:Ult) | = | 1.000 |
| 87 to Ult: | (99:87) (111:99) (123:111) (123:Ult) | = | 1.000 |
| 75 to Ult: | (87:75) (99:87) (111:99) (123:111) (123:Ult) | = | 1.000 |

INSURANCE SERVICES OFFICE, INC.

Physical Damage Loss Development
Private Passenger Types - Other than Collision
Multistate
Paid Losses

| Accident Year <u>Ending</u> | <u>15 Months</u> | <u>27 Months</u> | <u>39 Months</u> | <u>51 Months</u> | <u>63 Months</u> |
|-----------------------------------|------------------|------------------|------------------|------------------|------------------|
| 12/31/2007 | 46,557,889 | 47,282,510 | 47,128,139 | 47,159,440 | 47,281,418 |
| 12/31/2008 | 55,276,971 | 55,712,839 | 55,567,520 | 55,552,069 | 55,542,828 |
| 12/31/2009 | 50,559,306 | 50,563,933 | 50,561,876 | 50,495,364 | 50,488,170 |
| 12/31/2010 | 55,049,683 | 55,135,618 | 55,121,654 | 55,118,331 | 55,135,813 |
| 12/31/2011 | 71,674,738 | 71,778,446 | 71,651,334 | 71,690,455 | 71,692,691 |
| 12/31/2012 | 79,520,364 | 78,693,615 | 78,754,369 | 78,787,194 | 78,807,770 |
| 12/31/2013 | 56,923,773 | 57,385,208 | 57,603,148 | 57,612,663 | 57,604,841 |
| 12/31/2014 | 59,183,291 | 60,015,446 | 60,101,420 | 60,044,399 | 60,082,113 |
| 12/31/2015 | 50,567,693 | 51,119,630 | 51,003,475 | 51,024,459 | |
| 12/31/2016 | 63,595,106 | 64,222,635 | 64,203,403 | | |
| 12/31/2017 | 74,529,690 | 74,687,286 | | | |
| 12/31/2018 | 61,735,361 | | | | |

Ratios

| Accident Year <u>Ending</u> | <u>27:15</u> | <u>39:27</u> | <u>51:39</u> | <u>63:51</u> |
|------------------------------------|--------------|--------------|--------------|--------------|
| 12/31/2007 | 1.016 | 0.997 | 1.001 | 1.003 |
| 12/31/2008 | 1.008 | 0.997 | 1.000 | 1.000 |
| 12/31/2009 | 1.000 | 1.000 | 0.999 | 1.000 |
| 12/31/2010 | 1.002 | 1.000 | 1.000 | 1.000 |
| 12/31/2011 | 1.001 | 0.998 | 1.001 | 1.000 |
| 12/31/2012 | 0.990 | 1.001 | 1.000 | 1.000 |
| 12/31/2013 | 1.008 | 1.004 | 1.000 | 1.000 |
| 12/31/2014 | 1.014 | 1.001 | 0.999 | 1.001 |
| 12/31/2015 | 1.011 | 0.998 | 1.000 | |
| 12/31/2016 | 1.010 | 1.000 | | |
| 12/31/2017 | 1.002 | | | |
| Average Factor: (Best 3 of 5) | 1.010 | 1.001 | 1.000 | 1.000 |

Summary of Factors

| | | |
|------------|--|-------|
| 63 to Ult: | (75:63) (75:Ult) = | 1.000 |
| 51 to Ult: | (63:51) (75:63) (75:Ult) = | 1.000 |
| 39 to Ult: | (51:39) (63:51) (75:63) (75:Ult) = | 1.000 |
| 27 to Ult: | (39:27) (51:39) (63:51) (75:63) (75:Ult) = | 1.001 |
| 15 to Ult: | (27:15) (39:27) (51:39) (63:51) (75:63) (75:Ult) = | 1.011 |

INSURANCE SERVICES OFFICE, INC.

Physical Damage Loss Development
 Private Passenger Types - Other than Collision
 Multistate
 Paid Losses

| Accident Year Ending | <u>75 Months</u> | <u>87 Months</u> | <u>99 Months</u> | <u>111 Months</u> | <u>123 Months</u> |
|----------------------------|------------------|------------------|------------------|-------------------|-------------------|
| 12/31/2007 | 47,213,496 | 47,211,461 | 47,210,385 | 47,209,023 | 47,223,478 |
| 12/31/2008 | 55,525,573 | 55,526,983 | 55,525,237 | 55,525,716 | 55,534,760 |
| 12/31/2009 | 50,489,215 | 50,489,359 | 50,492,986 | 50,498,949 | 50,495,252 |
| 12/31/2010 | 55,069,099 | 55,071,861 | 55,103,683 | 55,103,177 | |
| 12/31/2011 | 71,706,426 | 71,713,041 | 71,707,312 | | |
| 12/31/2012 | 78,813,584 | 78,812,598 | | | |
| 12/31/2013 | 57,613,295 | | | | |

Ratios

| Accident Year Ending | <u>75:63</u> | <u>87:75</u> | <u>99:87</u> | <u>111:99</u> | <u>123:111</u> |
|------------------------------------|--------------|--------------|--------------|---------------|----------------|
| 12/31/2007 | 0.999 | 1.000 | 1.000 | 1.000 | 1.000 |
| 12/31/2008 | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 |
| 12/31/2009 | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 |
| 12/31/2010 | 0.999 | 1.000 | 1.001 | 1.000 | |
| 12/31/2011 | 1.000 | 1.000 | 1.000 | | |
| 12/31/2012 | 1.000 | 1.000 | | | |
| 12/31/2013 | 1.000 | | | | |
| Average Factor: (Best 3 of 5) | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 |

Summary of Factors

| | | | |
|-------------|--|---|-------|
| 123 to Ult: | (1.000) | = | 1.000 |
| 111 to Ult: | (123:111) (123:Ult) | = | 1.000 |
| 99 to Ult: | (111:99) (123:111) (123:Ult) | = | 1.000 |
| 87 to Ult: | (99:87) (111:99) (123:111) (123:Ult) | = | 1.000 |
| 75 to Ult: | (87:75) (99:87) (111:99) (123:111) (123:Ult) | = | 1.000 |

INSURANCE SERVICES OFFICE, INC.

Physical Damage Loss Development
Private Passenger Types - Collision
Multistate
Paid Losses

| Accident Year <u>Ending</u> | <u>15 Months</u> | <u>27 Months</u> | <u>39 Months</u> | <u>51 Months</u> | <u>63 Months</u> |
|-----------------------------------|------------------|------------------|------------------|------------------|------------------|
| 12/31/2007 | 153,841,653 | 148,961,397 | 148,165,833 | 147,825,298 | 147,811,309 |
| 12/31/2008 | 156,139,320 | 150,433,560 | 149,723,606 | 149,502,649 | 149,464,691 |
| 12/31/2009 | 146,054,839 | 140,865,025 | 140,212,638 | 140,125,486 | 140,070,737 |
| 12/31/2010 | 148,710,771 | 141,537,292 | 140,858,894 | 140,667,583 | 140,651,206 |
| 12/31/2011 | 158,979,627 | 152,064,908 | 151,584,143 | 151,370,324 | 151,326,633 |
| 12/31/2012 | 158,782,545 | 152,448,680 | 151,778,455 | 151,627,278 | 151,571,270 |
| 12/31/2013 | 159,223,131 | 152,021,423 | 150,932,101 | 150,943,530 | 150,886,640 |
| 12/31/2014 | 165,993,306 | 158,855,414 | 158,619,370 | 158,380,142 | 158,343,002 |
| 12/31/2015 | 175,484,651 | 166,751,053 | 165,446,576 | 165,066,386 | |
| 12/31/2016 | 176,164,839 | 167,711,729 | 166,386,353 | | |
| 12/31/2017 | 172,232,300 | 163,709,434 | | | |
| 12/31/2018 | 187,731,302 | | | | |

Ratios

| Accident Year <u>Ending</u> | <u>27:15</u> | <u>39:27</u> | <u>51:39</u> | <u>63:51</u> |
|------------------------------------|--------------|--------------|--------------|--------------|
| 12/31/2007 | 0.968 | 0.995 | 0.998 | 1.000 |
| 12/31/2008 | 0.963 | 0.995 | 0.999 | 1.000 |
| 12/31/2009 | 0.964 | 0.995 | 0.999 | 1.000 |
| 12/31/2010 | 0.952 | 0.995 | 0.999 | 1.000 |
| 12/31/2011 | 0.957 | 0.997 | 0.999 | 1.000 |
| 12/31/2012 | 0.960 | 0.996 | 0.999 | 1.000 |
| 12/31/2013 | 0.955 | 0.993 | 1.000 | 1.000 |
| 12/31/2014 | 0.957 | 0.999 | 0.998 | 1.000 |
| 12/31/2015 | 0.950 | 0.992 | 0.998 | |
| 12/31/2016 | 0.952 | 0.992 | | |
| 12/31/2017 | 0.951 | | | |
| Average Factor: (Best 3 of 5) | 0.953 | 0.994 | 0.999 | 1.000 |

Summary of Factors

| | | |
|------------|--|-------|
| 63 to Ult: | (75:63) (75:Ult) = | 1.000 |
| 51 to Ult: | (63:51) (75:63) (75:Ult) = | 1.000 |
| 39 to Ult: | (51:39) (63:51) (75:63) (75:Ult) = | 0.999 |
| 27 to Ult: | (39:27) (51:39) (63:51) (75:63) (75:Ult) = | 0.993 |
| 15 to Ult: | (27:15) (39:27) (51:39) (63:51) (75:63) (75:Ult) = | 0.946 |

INSURANCE SERVICES OFFICE, INC.

Physical Damage Loss Development
Private Passenger Types - Collision
Multistate
Paid Losses

| Accident Year <u>Ending</u> | <u>75 Months</u> | <u>87 Months</u> | <u>99 Months</u> | <u>111 Months</u> | <u>123 Months</u> |
|-----------------------------------|------------------|------------------|------------------|-------------------|-------------------|
| 12/31/2007 | 147,780,444 | 147,759,306 | 147,744,393 | 147,737,378 | 147,738,335 |
| 12/31/2008 | 149,429,620 | 149,390,005 | 149,380,475 | 149,380,012 | 149,372,490 |
| 12/31/2009 | 140,006,123 | 139,984,463 | 139,977,928 | 139,967,703 | 139,955,036 |
| 12/31/2010 | 140,600,658 | 140,587,382 | 140,586,764 | 140,588,289 | |
| 12/31/2011 | 151,255,385 | 151,225,731 | 151,213,338 | | |
| 12/31/2012 | 151,524,488 | 151,500,822 | | | |
| 12/31/2013 | 150,847,725 | | | | |

Ratios

| Accident Year <u>Ending</u> | <u>75:63</u> | <u>87:75</u> | <u>99:87</u> | <u>111:99</u> | <u>123:111</u> |
|------------------------------------|--------------|--------------|--------------|---------------|----------------|
| 12/31/2007 | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 |
| 12/31/2008 | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 |
| 12/31/2009 | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 |
| 12/31/2010 | 1.000 | 1.000 | 1.000 | 1.000 | |
| 12/31/2011 | 1.000 | 1.000 | 1.000 | | |
| 12/31/2012 | 1.000 | 1.000 | | | |
| 12/31/2013 | 1.000 | | | | |
| Average Factor: (Best 3 of 5) | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 |

Summary of Factors

| | | | |
|-------------|--|---|-------|
| 123 to Ult: | (1.000) | = | 1.000 |
| 111 to Ult: | (123:111) (123:Ult) | = | 1.000 |
| 99 to Ult: | (111:99) (123:111) (123:Ult) | = | 1.000 |
| 87 to Ult: | (99:87) (111:99) (123:111) (123:Ult) | = | 1.000 |
| 75 to Ult: | (87:75) (99:87) (111:99) (123:111) (123:Ult) | = | 1.000 |

INSURANCE SERVICES OFFICE, INC.

| | | | | | |
|-----|---|--|--------|--------|--------|
| (1) | Public Automobiles Liability | Differentials to Base Loss Cost CSL Liab | PIP | | |
| | Taxis & Limos | 6.20 | 6.27 | | |
| | School and Church Buses | 0.55 | 0.76 | | |
| | Other Buses | 3.80 | 7.31 | | |
| | Van Pools | 1.50 | 0.84 | | |
| (2) | Public Automobiles Physical Damage | | | | |
| | Taxis, Limos and Van Pools | | | | |
| | Other Than Collision: | 1.02 | | | |
| | Collision | 1.27 | | | |
| | School, Church, and Other Buses | | | | |
| | Other Than Collision: | 0.70 | | | |
| | Collision | 0.65 | | | |
| (3) | PIP Relativities | | | | |
| | Class of Business | | | | |
| | TTT Not Covered By Workers Comp. | 1.000 | | | |
| | TTT Covered By Workers Comp. | 0.600 | | | |
| | TTT Guest PIP | 0.248 | | | |
| | Van Pool All Others | 1.000 | | | |
| | Van Pool Furnished By Employer | 0.435 | | | |
| | Van Pool Guest PIP | 0.200 | | | |
| | Taxi and Limo Owner Operated | 1.000 | | | |
| | Taxi and Limo Other Than Owner Operated | 0.570 | | | |
| | Taxi and Limo Guest PIP | 0.550 | | | |
| | PPT Not Principally Operated By Employees | 1.000 | | | |
| | PPT Principally Operated By Employees | 0.700 | | | |
| | PPT Guest PIP | 0.205 | | | |
| | Auto Dealers All Autos | 1.000 | | | |
| | Auto Dealers Guest PIP | 0.200 | | | |
| | School and Church Buses Guest PIP* | \$1 | | | |
| | All Other Buses Guest PIP* | \$1 | | | |
| | * For School and Church Buses and All Other Buses, \$1 is subtracted from the respective All Autos loss cost to obtain the Guest PIP loss cost. | | | | |
| (4) | Specified Cause of Loss Relativity | 0.565 | | | |
| | This factor is now being used for Private Passenger Types as well as Trucks, Tractors and Trailers. | | | | |
| (5) | Loss Cost Categories For The Liability Coverages | | | | |
| | C - For those risks where the Insured and all the regular operators of the Insured's motor vehicles have accepted the tort limitation. | 1.000 | | | |
| | A - For vehicles NOT eligible for PIP as well as those risks where the Insured and 0-49% of the regular operators of the Insured's motor vehicles have accepted the tort limitation. | 1.150 | | | |
| | B - For those risks where the Insured and 50-99% of the regular operators of the insured's motor vehicles have accepted the tort limitation. | 1.050 | | | |
| (6) | Medical Payments Relativities | | | | |
| | | Medical Payments Limit | | | |
| | Class of Business | 500 | 1000 | 2000 | 5000 |
| | TTT | 0.0043 | 0.0067 | 0.0102 | 0.0173 |
| | Van Pools | 0.0078 | 0.0120 | 0.0185 | 0.0321 |
| | Taxis & Limos | 0.0078 | 0.0138 | 0.0228 | 0.0416 |
| | School and Church Buses | 0.0138 | 0.0229 | 0.0360 | 0.0575 |
| | All Other Buses | 0.0091 | 0.0149 | 0.0234 | 0.0400 |
| | PPT | 0.0063 | 0.0109 | 0.0180 | 0.0318 |
| (7) | The loss cost for hired autos is set forth in Section D. It applies in all territories and is calculated as 0.15% of the statewide \$100,000 Combined Single Limit average loss cost for all Trucks, Tractors, & Trailers. | | | | |

**COMMERCIAL LINES MANUAL
DIVISION ONE
AUTOMOBILE
LOSS COST PAGES**

**KENTUCKY (16)
TERRITORY 101**

| LIABILITY | | MEDICAL PAYMENTS | | | | PERSONAL INJURY PROTECTION | | |
|---|---------|-------------------|------|------|-------|---|--|---------------------|
| Limit Of Liab. | | Limit Per Person | | | | Basic Limits | | |
| \$100,000 | | 500 | 1000 | 2000 | 5000 | | | |
| RULE 23. TRUCKS, TRACTORS AND TRAILERS CLASSIFICATIONS | | | | | | | | |
| (a) | \$ 607 | \$3 | \$4 | \$6 | \$11 | Not Covered By Workers' Comp. \$ 29 | Covered By Workers' Comp. \$ 17 | Guest PIP \$ 7 |
| (b) | \$ 554 | | | | | | | |
| (c) | \$ 528 | | | | | | | |
| RULE 32. PRIVATE PASSENGER TYPES CLASSIFICATIONS | | | | | | | | |
| (a) | \$ 483 | \$3 | \$5 | \$9 | \$15 | Not Principally Operated By Employees \$ 44 | Principally Operated By Employees \$ 31 | Guest PIP \$ 9 |
| (b) | \$ 441 | | | | | | | |
| (c) | \$ 420 | | | | | | | |
| RULE 40. PUBLIC AUTO CLASSIFICATIONS | | | | | | | | |
| – TAXICABS AND LIMOUSINES | | | | | | | | |
| (a) | \$ 3763 | \$29 | \$52 | \$86 | \$157 | Owner Operated \$ 182 | Other Than Owner Operated \$ 104 | Guest PIP \$ 100 |
| (b) | \$ 3435 | | | | | | | |
| (c) | \$ 3274 | | | | | | | |
| – SCHOOL AND CHURCH BUSES | | | | | | | | |
| (a) | \$ 334 | \$5 | \$8 | \$12 | \$19 | All Autos \$ 22 | | Guest PIP \$ 21 |
| (b) | \$ 305 | | | | | | | |
| (c) | \$ 290 | | | | | | | |
| – OTHER BUSES | | | | | | | | |
| (a) | \$ 2307 | \$21 | \$34 | \$54 | \$92 | All Autos \$ 212 | | Guest PIP \$ 211 |
| (b) | \$ 2105 | | | | | | | |
| (c) | \$ 2006 | | | | | | | |
| – VAN POOLS | | | | | | | | |
| (a) | \$ 911 | \$7 | \$11 | \$17 | \$29 | Employer Furnished \$ 10 | All Other \$ 24 | Guest PIP \$ 5 |
| (b) | \$ 831 | | | | | | | |
| (c) | \$ 792 | | | | | | | |
| RULE 49. AUTO DEALERS – PREMIUM DEVELOPMENT | | | | | | | | |
| (a) | \$ 614 | Refer to Rule 49. | | | | All Autos \$ 28 | | Guest PIP \$ 6 |
| (b) | \$ 561 | | | | | | | |
| (c) | \$ 534 | | | | | | | |
| <ul style="list-style-type: none">• For liability increased limits factors, refer to Rule 100.• For liability fleet factors, refer to Rules 22. and 39.• Other Than Auto losses for Auto Dealers risks are subject to an aggregate limit equal to three times the liability limit. For additional limits, refer to Rule 49.• For descriptions of Liability coverage categories (a), (b) and (c), refer to Rule 93. | | | | | | | | |

COMMERCIAL LINES MANUAL
DIVISION ONE
AUTOMOBILE
LOSS COST PAGES

| LIABILITY | | MEDICAL PAYMENTS | | | | | PERSONAL INJURY PROTECTION | | |
|--|---------|-------------------|------|------|------|--|---|--|-----------|
| Limit Of Liab. | | Limit Per Person | | | | | Basic Limits | | |
| \$100,000 | | 500 | 1000 | 2000 | 5000 | | | | |
| RULE 23. TRUCKS, TRACTORS AND TRAILERS CLASSIFICATIONS | | | | | | | | | |
| (a) | \$ 347 | \$1 | \$2 | \$4 | \$6 | Not Covered By Workers' Comp. | Covered By Workers' Comp. | | Guest PIP |
| (b) | \$ 317 | | | | | | | | |
| (c) | \$ 302 | | | | | \$ 14 | \$ 8 | | \$ 3 |
| RULE 32. PRIVATE PASSENGER TYPES CLASSIFICATIONS | | | | | | | | | |
| (a) | \$ 311 | \$2 | \$3 | \$6 | \$10 | Not Principally Operated By Employees | Principally Operated By Employees | | Guest PIP |
| (b) | \$ 284 | | | | | | | | |
| (c) | \$ 270 | | | | | \$ 27 | \$ 19 | | \$ 6 |
| RULE 40. PUBLIC AUTO CLASSIFICATIONS | | | | | | | | | |
| - TAXICABS AND LIMOUSINES | | | | | | | | | |
| (a) | \$ 2151 | \$17 | \$30 | \$49 | \$89 | Owner Operated | Other Than Owner Operated | | Guest PIP |
| (b) | \$ 1965 | | | | | | | | |
| (c) | \$ 1872 | | | | | \$ 88 | \$ 50 | | \$ 48 |
| - SCHOOL AND CHURCH BUSES | | | | | | | | | |
| (a) | \$ 191 | \$3 | \$4 | \$7 | \$11 | | | | Guest PIP |
| (b) | \$ 174 | | | | | | All Autos | | |
| (c) | \$ 166 | | | | | | \$ 11 | | \$ 10 |
| - OTHER BUSES | | | | | | | | | |
| (a) | \$ 1319 | \$12 | \$20 | \$31 | \$53 | | | | Guest PIP |
| (b) | \$ 1205 | | | | | | All Autos | | |
| (c) | \$ 1148 | | | | | | \$ 102 | | \$ 101 |
| - VAN POOLS | | | | | | | | | |
| (a) | \$ 521 | \$4 | \$6 | \$10 | \$17 | Employer Furnished | All Other | | Guest PIP |
| (b) | \$ 476 | | | | | | | | |
| (c) | \$ 453 | | | | | \$ 5 | \$ 12 | | \$ 2 |
| RULE 49. AUTO DEALERS – PREMIUM DEVELOPMENT | | | | | | | | | |
| (a) | \$ 362 | Refer to Rule 49. | | | | | | | |
| (b) | \$ 331 | | | | | | All Autos | | Guest PIP |
| (c) | \$ 315 | | | | | | \$ 16 | | \$ 3 |
| <ul style="list-style-type: none"> For liability increased limits factors, refer to Rule 100. For liability fleet factors, refer to Rules 22. and 39. Other Than Auto losses for Auto Dealers risks are subject to an aggregate limit equal to three times the liability limit. For additional limits, refer to Rule 49. For descriptions of Liability coverage categories (a), (b) and (c), refer to Rule 93. | | | | | | | | | |

**COMMERCIAL LINES MANUAL
DIVISION ONE
AUTOMOBILE
LOSS COST PAGES**

**KENTUCKY (16)
TERRITORY 103**

| LIABILITY | | MEDICAL PAYMENTS | | | | PERSONAL INJURY PROTECTION | | |
|---|---------|-------------------|------|------|-------|---|--|---------------------|
| Limit Of Liab. | | Limit Per Person | | | | Basic Limits | | |
| \$100,000 | | 500 | 1000 | 2000 | 5000 | | | |
| RULE 23. TRUCKS, TRACTORS AND TRAILERS CLASSIFICATIONS | | | | | | | | |
| (a) | \$ 472 | \$2 | \$3 | \$5 | \$8 | Not Covered By Workers' Comp. \$ 25 | Covered By Workers' Comp. \$ 15 | Guest PIP \$ 6 |
| (b) | \$ 431 | | | | | | | |
| (c) | \$ 410 | | | | | | | |
| RULE 32. PRIVATE PASSENGER TYPES CLASSIFICATIONS | | | | | | | | |
| (a) | \$ 416 | \$3 | \$5 | \$7 | \$13 | Not Principally Operated By Employees \$ 36 | Principally Operated By Employees \$ 25 | Guest PIP \$ 7 |
| (b) | \$ 380 | | | | | | | |
| (c) | \$ 362 | | | | | | | |
| RULE 40. PUBLIC AUTO CLASSIFICATIONS | | | | | | | | |
| – TAXICABS AND LIMOUSINES | | | | | | | | |
| (a) | \$ 2926 | \$23 | \$40 | \$67 | \$122 | Owner Operated \$ 157 | Other Than Owner Operated \$ 89 | Guest PIP \$ 86 |
| (b) | \$ 2672 | | | | | | | |
| (c) | \$ 2542 | | | | | | | |
| – SCHOOL AND CHURCH BUSES | | | | | | | | |
| (a) | \$ 260 | \$4 | \$6 | \$9 | \$15 | All Autos \$ 19 | | Guest PIP \$ 18 |
| (b) | \$ 237 | | | | | | | |
| (c) | \$ 226 | | | | | | | |
| – OTHER BUSES | | | | | | | | |
| (a) | \$ 1794 | \$16 | \$27 | \$42 | \$72 | All Autos \$ 183 | | Guest PIP \$ 182 |
| (b) | \$ 1638 | | | | | | | |
| (c) | \$ 1558 | | | | | | | |
| – VAN POOLS | | | | | | | | |
| (a) | \$ 708 | \$6 | \$8 | \$13 | \$23 | Employer Furnished \$ 9 | All Other \$ 21 | Guest PIP \$ 4 |
| (b) | \$ 647 | | | | | | | |
| (c) | \$ 615 | | | | | | | |
| RULE 49. AUTO DEALERS – PREMIUM DEVELOPMENT | | | | | | | | |
| (a) | \$ 504 | Refer to Rule 49. | | | | All Autos \$ 29 | | Guest PIP \$ 6 |
| (b) | \$ 460 | | | | | | | |
| (c) | \$ 438 | | | | | | | |
| <div><div></div><div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div></div></div> | | | | | | | | |

COMMERCIAL LINES MANUAL
DIVISION ONE
AUTOMOBILE
LOSS COST PAGES

| LIABILITY | | MEDICAL PAYMENTS | | | | PERSONAL INJURY PROTECTION | | |
|---|---------|-------------------|------|------|------|---|--|---------------------|
| Limit Of Liab. | | Limit Per Person | | | | Basic Limits | | |
| \$100,000 | | 500 | 1000 | 2000 | 5000 | | | |
| RULE 23. TRUCKS, TRACTORS AND TRAILERS CLASSIFICATIONS | | | | | | | | |
| (a) | \$ 302 | \$1 | \$2 | \$3 | \$5 | Not Covered By Workers' Comp. \$ 15 | Covered By Workers' Comp. \$ 9 | Guest PIP \$ 4 |
| (b) | \$ 276 | | | | | | | |
| (c) | \$ 263 | | | | | | | |
| RULE 32. PRIVATE PASSENGER TYPES CLASSIFICATIONS | | | | | | | | |
| (a) | \$ 296 | \$2 | \$3 | \$5 | \$9 | Not Principally Operated By Employees \$ 30 | Principally Operated By Employees \$ 21 | Guest PIP \$ 6 |
| (b) | \$ 270 | | | | | | | |
| (c) | \$ 257 | | | | | | | |
| RULE 40. PUBLIC AUTO CLASSIFICATIONS | | | | | | | | |
| – TAXICABS AND LIMOUSINES | | | | | | | | |
| (a) | \$ 1872 | \$15 | \$26 | \$43 | \$78 | Owner Operated \$ 94 | Other Than Owner Operated \$ 54 | Guest PIP \$ 52 |
| (b) | \$ 1711 | | | | | | | |
| (c) | \$ 1631 | | | | | | | |
| – SCHOOL AND CHURCH BUSES | | | | | | | | |
| (a) | \$ 166 | \$2 | \$4 | \$6 | \$10 | All Autos \$ 11 | | Guest PIP \$ 10 |
| (b) | \$ 152 | | | | | | | |
| (c) | \$ 145 | | | | | | | |
| – OTHER BUSES | | | | | | | | |
| (a) | \$ 1148 | \$10 | \$17 | \$27 | \$46 | All Autos \$ 110 | | Guest PIP \$ 109 |
| (b) | \$ 1049 | | | | | | | |
| (c) | \$ 999 | | | | | | | |
| – VAN POOLS | | | | | | | | |
| (a) | \$ 453 | \$4 | \$5 | \$8 | \$15 | Employer Furnished \$ 6 | All Other \$ 13 | Guest PIP \$ 3 |
| (b) | \$ 414 | | | | | | | |
| (c) | \$ 395 | | | | | | | |
| RULE 49. AUTO DEALERS – PREMIUM DEVELOPMENT | | | | | | | | |
| (a) | \$ 322 | Refer to Rule 49. | | | | All Autos \$ 18 | | Guest PIP \$ 4 |
| (b) | \$ 294 | | | | | | | |
| (c) | \$ 280 | | | | | | | |
| <ul style="list-style-type: none">For liability increased limits factors, refer to Rule 100.For liability fleet factors, refer to Rules 22. and 39.Other Than Auto losses for Auto Dealers risks are subject to an aggregate limit equal to three times the liability limit. For additional limits, refer to Rule 49.For descriptions of Liability coverage categories (a), (b) and (c), refer to Rule 93. | | | | | | | | |

**COMMERCIAL LINES MANUAL
DIVISION ONE
AUTOMOBILE
LOSS COST PAGES**

**KENTUCKY (16)
TERRITORY 105**

| LIABILITY | | MEDICAL PAYMENTS | | | | PERSONAL INJURY PROTECTION | | |
|---|---------|-------------------|------|------|------|---|--|---------------------|
| Limit Of Liab. | | Limit Per Person | | | | Basic Limits | | |
| \$100,000 | | 500 | 1000 | 2000 | 5000 | | | |
| RULE 23. TRUCKS, TRACTORS AND TRAILERS CLASSIFICATIONS | | | | | | | | |
| (a) | \$ 316 | \$1 | \$2 | \$3 | \$5 | Not Covered By Workers' Comp. \$ 17 | Covered By Workers' Comp. \$ 10 | Guest PIP \$ 4 |
| (b) | \$ 289 | | | | | | | |
| (c) | \$ 275 | | | | | | | |
| RULE 32. PRIVATE PASSENGER TYPES CLASSIFICATIONS | | | | | | | | |
| (a) | \$ 376 | \$2 | \$4 | \$7 | \$12 | Not Principally Operated By Employees \$ 32 | Principally Operated By Employees \$ 22 | Guest PIP \$ 7 |
| (b) | \$ 343 | | | | | | | |
| (c) | \$ 327 | | | | | | | |
| RULE 40. PUBLIC AUTO CLASSIFICATIONS | | | | | | | | |
| – TAXICABS AND LIMOUSINES | | | | | | | | |
| (a) | \$ 1959 | \$15 | \$27 | \$45 | \$81 | Owner Operated \$ 107 | Other Than Owner Operated \$ 61 | Guest PIP \$ 59 |
| (b) | \$ 1792 | | | | | | | |
| (c) | \$ 1705 | | | | | | | |
| – SCHOOL AND CHURCH BUSES | | | | | | | | |
| (a) | \$ 174 | \$2 | \$4 | \$6 | \$10 | All Autos \$ 13 | | Guest PIP \$ 12 |
| (b) | \$ 159 | | | | | | | |
| (c) | \$ 151 | | | | | | | |
| – OTHER BUSES | | | | | | | | |
| (a) | \$ 1201 | \$11 | \$18 | \$28 | \$48 | All Autos \$ 124 | | Guest PIP \$ 123 |
| (b) | \$ 1098 | | | | | | | |
| (c) | \$ 1045 | | | | | | | |
| – VAN POOLS | | | | | | | | |
| (a) | \$ 474 | \$4 | \$6 | \$9 | \$15 | Employer Furnished \$ 6 | All Other \$ 14 | Guest PIP \$ 3 |
| (b) | \$ 434 | | | | | | | |
| (c) | \$ 413 | | | | | | | |
| RULE 49. AUTO DEALERS – PREMIUM DEVELOPMENT | | | | | | | | |
| (a) | \$ 334 | Refer to Rule 49. | | | | All Autos \$ 15 | | Guest PIP \$ 3 |
| (b) | \$ 305 | | | | | | | |
| (c) | \$ 290 | | | | | | | |
| <ul style="list-style-type: none">• For liability increased limits factors, refer to Rule 100.• For liability fleet factors, refer to Rules 22. and 39.• Other Than Auto losses for Auto Dealers risks are subject to an aggregate limit equal to three times the liability limit. For additional limits, refer to Rule 49.• For descriptions of Liability coverage categories (a), (b) and (c), refer to Rule 93. | | | | | | | | |

COMMERCIAL LINES MANUAL
DIVISION ONE
AUTOMOBILE
LOSS COST PAGES

| LIABILITY | | MEDICAL PAYMENTS | | | | PERSONAL INJURY PROTECTION | | |
|---|---------|-------------------|------|------|-------|---|--|---------------------|
| Limit Of Liab. | | Limit Per Person | | | | Basic Limits | | |
| \$100,000 | | 500 | 1000 | 2000 | 5000 | | | |
| RULE 23. TRUCKS, TRACTORS AND TRAILERS CLASSIFICATIONS | | | | | | | | |
| (a) | \$ 388 | \$2 | \$3 | \$4 | \$7 | Not Covered By Workers' Comp. \$ 26 | Covered By Workers' Comp. \$ 16 | Guest PIP \$ 6 |
| (b) | \$ 354 | | | | | | | |
| (c) | \$ 337 | | | | | | | |
| RULE 32. PRIVATE PASSENGER TYPES CLASSIFICATIONS | | | | | | | | |
| (a) | \$ 363 | \$2 | \$4 | \$7 | \$12 | Not Principally Operated By Employees \$ 52 | Principally Operated By Employees \$ 36 | Guest PIP \$ 11 |
| (b) | \$ 332 | | | | | | | |
| (c) | \$ 316 | | | | | | | |
| RULE 40. PUBLIC AUTO CLASSIFICATIONS | | | | | | | | |
| – TAXICABS AND LIMOUSINES | | | | | | | | |
| (a) | \$ 2406 | \$19 | \$33 | \$55 | \$100 | Owner Operated \$ 163 | Other Than Owner Operated \$ 93 | Guest PIP \$ 90 |
| (b) | \$ 2195 | | | | | | | |
| (c) | \$ 2089 | | | | | | | |
| – SCHOOL AND CHURCH BUSES | | | | | | | | |
| (a) | \$ 213 | \$3 | \$5 | \$8 | \$12 | All Autos \$ 20 | | Guest PIP \$ 19 |
| (b) | \$ 195 | | | | | | | |
| (c) | \$ 185 | | | | | | | |
| – OTHER BUSES | | | | | | | | |
| (a) | \$ 1474 | \$13 | \$22 | \$34 | \$59 | All Autos \$ 190 | | Guest PIP \$ 189 |
| (b) | \$ 1345 | | | | | | | |
| (c) | \$ 1281 | | | | | | | |
| – VAN POOLS | | | | | | | | |
| (a) | \$ 582 | \$5 | \$7 | \$11 | \$19 | Employer Furnished \$ 10 | All Other \$ 22 | Guest PIP \$ 4 |
| (b) | \$ 531 | | | | | | | |
| (c) | \$ 506 | | | | | | | |
| RULE 49. AUTO DEALERS – PREMIUM DEVELOPMENT | | | | | | | | |
| (a) | \$ 401 | Refer to Rule 49. | | | | All Autos \$ 34 | | Guest PIP \$ 7 |
| (b) | \$ 366 | | | | | | | |
| (c) | \$ 349 | | | | | | | |
| <ul style="list-style-type: none">• For liability increased limits factors, refer to Rule 100.• For liability fleet factors, refer to Rules 22. and 39.• Other Than Auto losses for Auto Dealers risks are subject to an aggregate limit equal to three times the liability limit. For additional limits, refer to Rule 49.• For descriptions of Liability coverage categories (a), (b) and (c), refer to Rule 93. | | | | | | | | |

**COMMERCIAL LINES MANUAL
DIVISION ONE
AUTOMOBILE
LOSS COST PAGES**

**KENTUCKY (16)
TERRITORY 107**

| LIABILITY | | MEDICAL PAYMENTS | | | | PERSONAL INJURY PROTECTION | | |
|--|---------|-------------------|------|------|------|---|--|---------------------|
| Limit Of Liab. | | Limit Per Person | | | | Basic Limits | | |
| \$100,000 | | 500 | 1000 | 2000 | 5000 | | | |
| RULE 23. TRUCKS, TRACTORS AND TRAILERS CLASSIFICATIONS | | | | | | | | |
| (a) | \$ 319 | \$1 | \$2 | \$3 | \$6 | Not Covered By Workers' Comp. \$ 14 | Covered By Workers' Comp. \$ 8 | Guest PIP \$ 3 |
| (b) | \$ 291 | | | | | | | |
| (c) | \$ 277 | | | | | | | |
| RULE 32. PRIVATE PASSENGER TYPES CLASSIFICATIONS | | | | | | | | |
| (a) | \$ 332 | \$2 | \$4 | \$6 | \$11 | Not Principally Operated By Employees \$ 28 | Principally Operated By Employees \$ 20 | Guest PIP \$ 6 |
| (b) | \$ 303 | | | | | | | |
| (c) | \$ 289 | | | | | | | |
| RULE 40. PUBLIC AUTO CLASSIFICATIONS | | | | | | | | |
| – TAXICABS AND LIMOUSINES | | | | | | | | |
| (a) | \$ 1978 | \$15 | \$27 | \$45 | \$82 | Owner Operated \$ 88 | Other Than Owner Operated \$ 50 | Guest PIP \$ 48 |
| (b) | \$ 1804 | | | | | | | |
| (c) | \$ 1717 | | | | | | | |
| – SCHOOL AND CHURCH BUSES | | | | | | | | |
| (a) | \$ 175 | \$2 | \$4 | \$6 | \$10 | All Autos \$ 11 | | Guest PIP \$ 10 |
| (b) | \$ 160 | | | | | | | |
| (c) | \$ 152 | | | | | | | |
| – OTHER BUSES | | | | | | | | |
| (a) | \$ 1212 | \$11 | \$18 | \$28 | \$48 | All Autos \$ 102 | | Guest PIP \$ 101 |
| (b) | \$ 1106 | | | | | | | |
| (c) | \$ 1053 | | | | | | | |
| – VAN POOLS | | | | | | | | |
| (a) | \$ 479 | \$4 | \$6 | \$9 | \$15 | Employer Furnished \$ 5 | All Other \$ 12 | Guest PIP \$ 2 |
| (b) | \$ 437 | | | | | | | |
| (c) | \$ 416 | | | | | | | |
| RULE 49. AUTO DEALERS – PREMIUM DEVELOPMENT | | | | | | | | |
| (a) | \$ 304 | Refer to Rule 49. | | | | All Autos \$ 16 | | Guest PIP \$ 3 |
| (b) | \$ 277 | | | | | | | |
| (c) | \$ 264 | | | | | | | |
| <div><div></div><div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div></div></div> | | | | | | | | |

COMMERCIAL LINES MANUAL
DIVISION ONE
AUTOMOBILE
LOSS COST PAGES

| LIABILITY | | MEDICAL PAYMENTS | | | | PERSONAL INJURY PROTECTION | | |
|---|---------|-------------------|------|------|------|---|--|---------------------|
| Limit Of Liab. | | Limit Per Person | | | | Basic Limits | | |
| \$100,000 | | 500 | 1000 | 2000 | 5000 | | | |
| RULE 23. TRUCKS, TRACTORS AND TRAILERS CLASSIFICATIONS | | | | | | | | |
| (a) | \$ 294 | \$1 | \$2 | \$3 | \$5 | Not Covered By Workers' Comp. \$ 19 | Covered By Workers' Comp. \$ 11 | Guest PIP \$ 5 |
| (b) | \$ 269 | | | | | | | |
| (c) | \$ 256 | | | | | | | |
| RULE 32. PRIVATE PASSENGER TYPES CLASSIFICATIONS | | | | | | | | |
| (a) | \$ 321 | \$2 | \$3 | \$6 | \$10 | Not Principally Operated By Employees \$ 33 | Principally Operated By Employees \$ 23 | Guest PIP \$ 7 |
| (b) | \$ 293 | | | | | | | |
| (c) | \$ 279 | | | | | | | |
| RULE 40. PUBLIC AUTO CLASSIFICATIONS | | | | | | | | |
| – TAXICABS AND LIMOUSINES | | | | | | | | |
| (a) | \$ 1823 | \$14 | \$25 | \$42 | \$76 | Owner Operated \$ 119 | Other Than Owner Operated \$ 68 | Guest PIP \$ 65 |
| (b) | \$ 1668 | | | | | | | |
| (c) | \$ 1587 | | | | | | | |
| – SCHOOL AND CHURCH BUSES | | | | | | | | |
| (a) | \$ 162 | \$2 | \$4 | \$6 | \$9 | All Autos \$ 14 | | Guest PIP \$ 13 |
| (b) | \$ 148 | | | | | | | |
| (c) | \$ 141 | | | | | | | |
| – OTHER BUSES | | | | | | | | |
| (a) | \$ 1117 | \$10 | \$17 | \$26 | \$45 | All Autos \$ 139 | | Guest PIP \$ 138 |
| (b) | \$ 1022 | | | | | | | |
| (c) | \$ 973 | | | | | | | |
| – VAN POOLS | | | | | | | | |
| (a) | \$ 441 | \$3 | \$5 | \$8 | \$14 | Employer Furnished \$ 7 | All Other \$ 16 | Guest PIP \$ 3 |
| (b) | \$ 404 | | | | | | | |
| (c) | \$ 384 | | | | | | | |
| RULE 49. AUTO DEALERS – PREMIUM DEVELOPMENT | | | | | | | | |
| (a) | \$ 285 | Refer to Rule 49. | | | | All Autos \$ 21 | | Guest PIP \$ 4 |
| (b) | \$ 260 | | | | | | | |
| (c) | \$ 248 | | | | | | | |
| <ul style="list-style-type: none">For liability increased limits factors, refer to Rule 100.For liability fleet factors, refer to Rules 22. and 39.Other Than Auto losses for Auto Dealers risks are subject to an aggregate limit equal to three times the liability limit. For additional limits, refer to Rule 49.For descriptions of Liability coverage categories (a), (b) and (c), refer to Rule 93. | | | | | | | | |

**COMMERCIAL LINES MANUAL
DIVISION ONE
AUTOMOBILE
LOSS COST PAGES**

**KENTUCKY (16)
TERRITORY 110**

| LIABILITY | | MEDICAL PAYMENTS | | | | PERSONAL INJURY PROTECTION | | |
|---|-----------|-------------------|------|------|------|--|---|-----------|
| Limit Of Liab. | | Limit Per Person | | | | Basic Limits | | |
| | \$100,000 | 500 | 1000 | 2000 | 5000 | | | |
| RULE 23. TRUCKS, TRACTORS AND TRAILERS CLASSIFICATIONS | | | | | | | | |
| (a) | \$ 350 | \$2 | \$3 | \$4 | \$6 | Not Covered By Workers' Comp. | Covered By Workers' Comp. | Guest PIP |
| (b) | \$ 319 | | | | | \$ 19 | \$ 11 | \$ 5 |
| (c) | \$ 304 | | | | | | | |
| RULE 32. PRIVATE PASSENGER TYPES CLASSIFICATIONS | | | | | | | | |
| (a) | \$ 315 | \$2 | \$3 | \$6 | \$10 | Not Principally Operated By Employees | Principally Operated By Employees | Guest PIP |
| (b) | \$ 288 | | | | | \$ 47 | \$ 33 | \$ 10 |
| (c) | \$ 274 | | | | | | | |
| RULE 40. PUBLIC AUTO CLASSIFICATIONS | | | | | | | | |
| – TAXICABS AND LIMOUSINES | | | | | | | | |
| (a) | \$ 2170 | \$17 | \$30 | \$49 | \$90 | Owner Operated | Other Than Owner Operated | Guest PIP |
| (b) | \$ 1978 | | | | | \$ 119 | \$ 68 | \$ 65 |
| (c) | \$ 1885 | | | | | | | |
| – SCHOOL AND CHURCH BUSES | | | | | | | | |
| (a) | \$ 193 | \$3 | \$4 | \$7 | \$11 | | | |
| (b) | \$ 175 | | | | | All Autos | | Guest PIP |
| (c) | \$ 167 | | | | | \$ 14 | | \$ 13 |
| – OTHER BUSES | | | | | | | | |
| (a) | \$ 1330 | \$12 | \$20 | \$31 | \$53 | | | |
| (b) | \$ 1212 | | | | | All Autos | | Guest PIP |
| (c) | \$ 1155 | | | | | \$ 139 | | \$ 138 |
| – VAN POOLS | | | | | | | | |
| (a) | \$ 525 | \$4 | \$6 | \$10 | \$17 | Employer Furnished | All Other | Guest PIP |
| (b) | \$ 479 | | | | | \$ 7 | \$ 16 | \$ 3 |
| (c) | \$ 456 | | | | | | | |
| RULE 49. AUTO DEALERS – PREMIUM DEVELOPMENT | | | | | | | | |
| (a) | \$ 337 | Refer to Rule 49. | | | | | | |
| (b) | \$ 308 | | | | | All Autos | | Guest PIP |
| (c) | \$ 293 | | | | | \$ 23 | | \$ 5 |
| <ul style="list-style-type: none">• For liability increased limits factors, refer to Rule 100.• For liability fleet factors, refer to Rules 22. and 39.• Other Than Auto losses for Auto Dealers risks are subject to an aggregate limit equal to three times the liability limit. For additional limits, refer to Rule 49.• For descriptions of Liability coverage categories (a), (b) and (c), refer to Rule 93. | | | | | | | | |

COMMERCIAL LINES MANUAL
DIVISION ONE
AUTOMOBILE
LOSS COST PAGES

| LIABILITY | | MEDICAL PAYMENTS | | | | PERSONAL INJURY PROTECTION | | |
|---|---------|-------------------|------|------|------|---|--|---------------------|
| Limit Of Liab. | | Limit Per Person | | | | Basic Limits | | |
| \$100,000 | | 500 | 1000 | 2000 | 5000 | | | |
| RULE 23. TRUCKS, TRACTORS AND TRAILERS CLASSIFICATIONS | | | | | | | | |
| (a) | \$ 232 | \$1 | \$2 | \$3 | \$4 | Not Covered By Workers' Comp. \$ 14 | Covered By Workers' Comp. \$ 8 | Guest PIP \$ 3 |
| (b) | \$ 212 | | | | | | | |
| (c) | \$ 202 | | | | | | | |
| RULE 32. PRIVATE PASSENGER TYPES CLASSIFICATIONS | | | | | | | | |
| (a) | \$ 268 | \$2 | \$3 | \$5 | \$9 | Not Principally Operated By Employees \$ 32 | Principally Operated By Employees \$ 22 | Guest PIP \$ 7 |
| (b) | \$ 245 | | | | | | | |
| (c) | \$ 233 | | | | | | | |
| RULE 40. PUBLIC AUTO CLASSIFICATIONS | | | | | | | | |
| – TAXICABS AND LIMOUSINES | | | | | | | | |
| (a) | \$ 1438 | \$11 | \$20 | \$33 | \$60 | Owner Operated \$ 88 | Other Than Owner Operated \$ 50 | Guest PIP \$ 48 |
| (b) | \$ 1314 | | | | | | | |
| (c) | \$ 1252 | | | | | | | |
| – SCHOOL AND CHURCH BUSES | | | | | | | | |
| (a) | \$ 128 | \$2 | \$3 | \$5 | \$7 | All Autos \$ 11 | | Guest PIP \$ 10 |
| (b) | \$ 117 | | | | | | | |
| (c) | \$ 111 | | | | | | | |
| – OTHER BUSES | | | | | | | | |
| (a) | \$ 882 | \$8 | \$13 | \$21 | \$35 | All Autos \$ 102 | | Guest PIP \$ 101 |
| (b) | \$ 806 | | | | | | | |
| (c) | \$ 768 | | | | | | | |
| – VAN POOLS | | | | | | | | |
| (a) | \$ 348 | \$3 | \$4 | \$6 | \$11 | Employer Furnished \$ 5 | All Other \$ 12 | Guest PIP \$ 2 |
| (b) | \$ 318 | | | | | | | |
| (c) | \$ 303 | | | | | | | |
| RULE 49. AUTO DEALERS – PREMIUM DEVELOPMENT | | | | | | | | |
| (a) | \$ 246 | Refer to Rule 49. | | | | All Autos \$ 18 | | Guest PIP \$ 4 |
| (b) | \$ 225 | | | | | | | |
| (c) | \$ 214 | | | | | | | |
| <ul style="list-style-type: none">For liability increased limits factors, refer to Rule 100.For liability fleet factors, refer to Rules 22. and 39.Other Than Auto losses for Auto Dealers risks are subject to an aggregate limit equal to three times the liability limit. For additional limits, refer to Rule 49.For descriptions of Liability coverage categories (a), (b) and (c), refer to Rule 93. | | | | | | | | |

**COMMERCIAL LINES MANUAL
DIVISION ONE
AUTOMOBILE
LOSS COST PAGES**

**KENTUCKY (16)
TERRITORY 113**

| LIABILITY | | MEDICAL PAYMENTS | | | | PERSONAL INJURY PROTECTION | | |
|---|---------|-------------------|------|------|-------|---|--|---------------------|
| Limit Of Liab. | | Limit Per Person | | | | Basic Limits | | |
| \$100,000 | | 500 | 1000 | 2000 | 5000 | | | |
| RULE 23. TRUCKS, TRACTORS AND TRAILERS CLASSIFICATIONS | | | | | | | | |
| (a) | \$ 420 | \$2 | \$3 | \$4 | \$7 | Not Covered By Workers' Comp. \$ 22 | Covered By Workers' Comp. \$ 13 | Guest PIP \$ 5 |
| (b) | \$ 383 | | | | | | | |
| (c) | \$ 365 | | | | | | | |
| RULE 32. PRIVATE PASSENGER TYPES CLASSIFICATIONS | | | | | | | | |
| (a) | \$ 369 | \$2 | \$4 | \$7 | \$12 | Not Principally Operated By Employees \$ 56 | Principally Operated By Employees \$ 39 | Guest PIP \$ 11 |
| (b) | \$ 337 | | | | | | | |
| (c) | \$ 321 | | | | | | | |
| RULE 40. PUBLIC AUTO CLASSIFICATIONS | | | | | | | | |
| – TAXICABS AND LIMOUSINES | | | | | | | | |
| (a) | \$ 2604 | \$20 | \$36 | \$59 | \$108 | Owner Operated \$ 138 | Other Than Owner Operated \$ 79 | Guest PIP \$ 76 |
| (b) | \$ 2375 | | | | | | | |
| (c) | \$ 2263 | | | | | | | |
| – SCHOOL AND CHURCH BUSES | | | | | | | | |
| (a) | \$ 231 | \$3 | \$5 | \$8 | \$13 | All Autos \$ 17 | | Guest PIP \$ 16 |
| (b) | \$ 211 | | | | | | | |
| (c) | \$ 201 | | | | | | | |
| – OTHER BUSES | | | | | | | | |
| (a) | \$ 1596 | \$15 | \$24 | \$37 | \$64 | All Autos \$ 161 | | Guest PIP \$ 160 |
| (b) | \$ 1455 | | | | | | | |
| (c) | \$ 1387 | | | | | | | |
| – VAN POOLS | | | | | | | | |
| (a) | \$ 630 | \$5 | \$8 | \$12 | \$20 | Employer Furnished \$ 8 | All Other \$ 18 | Guest PIP \$ 4 |
| (b) | \$ 575 | | | | | | | |
| (c) | \$ 548 | | | | | | | |
| RULE 49. AUTO DEALERS – PREMIUM DEVELOPMENT | | | | | | | | |
| (a) | \$ 422 | Refer to Rule 49. | | | | All Autos \$ 27 | | Guest PIP \$ 5 |
| (b) | \$ 385 | | | | | | | |
| (c) | \$ 367 | | | | | | | |
| <ul style="list-style-type: none">• For liability increased limits factors, refer to Rule 100.• For liability fleet factors, refer to Rules 22. and 39.• Other Than Auto losses for Auto Dealers risks are subject to an aggregate limit equal to three times the liability limit. For additional limits, refer to Rule 49.• For descriptions of Liability coverage categories (a), (b) and (c), refer to Rule 93. | | | | | | | | |

COMMERCIAL LINES MANUAL
DIVISION ONE
AUTOMOBILE
LOSS COST PAGES

| LIABILITY | | MEDICAL PAYMENTS | | | | PERSONAL INJURY PROTECTION | | |
|---|---------|-------------------|------|------|------|---|--|---------------------|
| Limit Of Liab. | | Limit Per Person | | | | Basic Limits | | |
| \$100,000 | | 500 | 1000 | 2000 | 5000 | | | |
| RULE 23. TRUCKS, TRACTORS AND TRAILERS CLASSIFICATIONS | | | | | | | | |
| (a) | \$ 332 | \$1 | \$2 | \$3 | \$6 | Not Covered By Workers' Comp. \$ 15 | Covered By Workers' Comp. \$ 9 | Guest PIP \$ 4 |
| (b) | \$ 303 | | | | | | | |
| (c) | \$ 289 | | | | | | | |
| RULE 32. PRIVATE PASSENGER TYPES CLASSIFICATIONS | | | | | | | | |
| (a) | \$ 340 | \$2 | \$4 | \$6 | \$11 | Not Principally Operated By Employees \$ 47 | Principally Operated By Employees \$ 33 | Guest PIP \$ 10 |
| (b) | \$ 311 | | | | | | | |
| (c) | \$ 296 | | | | | | | |
| RULE 40. PUBLIC AUTO CLASSIFICATIONS | | | | | | | | |
| – TAXICABS AND LIMOUSINES | | | | | | | | |
| (a) | \$ 2058 | \$16 | \$28 | \$47 | \$86 | Owner Operated \$ 94 | Other Than Owner Operated \$ 54 | Guest PIP \$ 52 |
| (b) | \$ 1879 | | | | | | | |
| (c) | \$ 1792 | | | | | | | |
| – SCHOOL AND CHURCH BUSES | | | | | | | | |
| (a) | \$ 183 | \$3 | \$4 | \$7 | \$11 | All Autos \$ 11 | | Guest PIP \$ 10 |
| (b) | \$ 167 | | | | | | | |
| (c) | \$ 159 | | | | | | | |
| – OTHER BUSES | | | | | | | | |
| (a) | \$ 1262 | \$11 | \$19 | \$30 | \$50 | All Autos \$ 110 | | Guest PIP \$ 109 |
| (b) | \$ 1151 | | | | | | | |
| (c) | \$ 1098 | | | | | | | |
| – VAN POOLS | | | | | | | | |
| (a) | \$ 498 | \$4 | \$6 | \$9 | \$16 | Employer Furnished \$ 6 | All Other \$ 13 | Guest PIP \$ 3 |
| (b) | \$ 455 | | | | | | | |
| (c) | \$ 434 | | | | | | | |
| RULE 49. AUTO DEALERS – PREMIUM DEVELOPMENT | | | | | | | | |
| (a) | \$ 347 | Refer to Rule 49. | | | | All Autos \$ 17 | | Guest PIP \$ 3 |
| (b) | \$ 317 | | | | | | | |
| (c) | \$ 302 | | | | | | | |
| <ul style="list-style-type: none">For liability increased limits factors, refer to Rule 100.For liability fleet factors, refer to Rules 22. and 39.Other Than Auto losses for Auto Dealers risks are subject to an aggregate limit equal to three times the liability limit. For additional limits, refer to Rule 49.For descriptions of Liability coverage categories (a), (b) and (c), refer to Rule 93. | | | | | | | | |

**COMMERCIAL LINES MANUAL
DIVISION ONE
AUTOMOBILE
LOSS COST PAGES**

**KENTUCKY (16)
TERRITORY 115**

| LIABILITY | | MEDICAL PAYMENTS | | | | PERSONAL INJURY PROTECTION | | |
|---|---------|-------------------|------|------|------|---|--|---------------------|
| Limit Of Liab. | | Limit Per Person | | | | Basic Limits | | |
| \$100,000 | | 500 | 1000 | 2000 | 5000 | | | |
| RULE 23. TRUCKS, TRACTORS AND TRAILERS CLASSIFICATIONS | | | | | | | | |
| (a) | \$ 302 | \$1 | \$2 | \$3 | \$5 | Not Covered By Workers' Comp. \$ 19 | Covered By Workers' Comp. \$ 11 | Guest PIP \$ 5 |
| (b) | \$ 276 | | | | | | | |
| (c) | \$ 263 | | | | | | | |
| RULE 32. PRIVATE PASSENGER TYPES CLASSIFICATIONS | | | | | | | | |
| (a) | \$ 346 | \$2 | \$4 | \$6 | \$11 | Not Principally Operated By Employees \$ 57 | Principally Operated By Employees \$ 40 | Guest PIP \$ 12 |
| (b) | \$ 316 | | | | | | | |
| (c) | \$ 301 | | | | | | | |
| RULE 40. PUBLIC AUTO CLASSIFICATIONS | | | | | | | | |
| – TAXICABS AND LIMOUSINES | | | | | | | | |
| (a) | \$ 1872 | \$15 | \$26 | \$43 | \$78 | Owner Operated \$ 119 | Other Than Owner Operated \$ 68 | Guest PIP \$ 65 |
| (b) | \$ 1711 | | | | | | | |
| (c) | \$ 1631 | | | | | | | |
| – SCHOOL AND CHURCH BUSES | | | | | | | | |
| (a) | \$ 166 | \$2 | \$4 | \$6 | \$10 | All Autos \$ 14 | | Guest PIP \$ 13 |
| (b) | \$ 152 | | | | | | | |
| (c) | \$ 145 | | | | | | | |
| – OTHER BUSES | | | | | | | | |
| (a) | \$ 1148 | \$10 | \$17 | \$27 | \$46 | All Autos \$ 139 | | Guest PIP \$ 138 |
| (b) | \$ 1049 | | | | | | | |
| (c) | \$ 999 | | | | | | | |
| – VAN POOLS | | | | | | | | |
| (a) | \$ 453 | \$4 | \$5 | \$8 | \$15 | Employer Furnished \$ 7 | All Other \$ 16 | Guest PIP \$ 3 |
| (b) | \$ 414 | | | | | | | |
| (c) | \$ 395 | | | | | | | |
| RULE 49. AUTO DEALERS – PREMIUM DEVELOPMENT | | | | | | | | |
| (a) | \$ 308 | Refer to Rule 49. | | | | All Autos \$ 21 | | Guest PIP \$ 4 |
| (b) | \$ 281 | | | | | | | |
| (c) | \$ 268 | | | | | | | |
| <ul style="list-style-type: none">• For liability increased limits factors, refer to Rule 100.• For liability fleet factors, refer to Rules 22. and 39.• Other Than Auto losses for Auto Dealers risks are subject to an aggregate limit equal to three times the liability limit. For additional limits, refer to Rule 49.• For descriptions of Liability coverage categories (a), (b) and (c), refer to Rule 93. | | | | | | | | |

COMMERCIAL LINES MANUAL
DIVISION ONE
AUTOMOBILE
LOSS COST PAGES

| LIABILITY | | MEDICAL PAYMENTS | | | | PERSONAL INJURY PROTECTION | | |
|---|---------|-------------------|------|------|-------|---|--|---------------------|
| Limit Of Liab. | | Limit Per Person | | | | Basic Limits | | |
| \$100,000 | | 500 | 1000 | 2000 | 5000 | | | |
| RULE 23. TRUCKS, TRACTORS AND TRAILERS CLASSIFICATIONS | | | | | | | | |
| (a) | \$ 390 | \$2 | \$3 | \$4 | \$7 | Not Covered By Workers' Comp. \$ 16 | Covered By Workers' Comp. \$ 10 | Guest PIP \$ 4 |
| (b) | \$ 356 | | | | | | | |
| (c) | \$ 339 | | | | | | | |
| RULE 32. PRIVATE PASSENGER TYPES CLASSIFICATIONS | | | | | | | | |
| (a) | \$ 281 | \$2 | \$3 | \$5 | \$9 | Not Principally Operated By Employees \$ 26 | Principally Operated By Employees \$ 18 | Guest PIP \$ 5 |
| (b) | \$ 256 | | | | | | | |
| (c) | \$ 244 | | | | | | | |
| RULE 40. PUBLIC AUTO CLASSIFICATIONS | | | | | | | | |
| – TAXICABS AND LIMOUSINES | | | | | | | | |
| (a) | \$ 2418 | \$19 | \$33 | \$55 | \$101 | Owner Operated \$ 100 | Other Than Owner Operated \$ 57 | Guest PIP \$ 55 |
| (b) | \$ 2207 | | | | | | | |
| (c) | \$ 2102 | | | | | | | |
| – SCHOOL AND CHURCH BUSES | | | | | | | | |
| (a) | \$ 215 | \$3 | \$5 | \$8 | \$12 | All Autos \$ 12 | | Guest PIP \$ 11 |
| (b) | \$ 196 | | | | | | | |
| (c) | \$ 186 | | | | | | | |
| – OTHER BUSES | | | | | | | | |
| (a) | \$ 1482 | \$13 | \$22 | \$35 | \$59 | All Autos \$ 117 | | Guest PIP \$ 116 |
| (b) | \$ 1353 | | | | | | | |
| (c) | \$ 1288 | | | | | | | |
| – VAN POOLS | | | | | | | | |
| (a) | \$ 585 | \$5 | \$7 | \$11 | \$19 | Employer Furnished \$ 6 | All Other \$ 13 | Guest PIP \$ 3 |
| (b) | \$ 534 | | | | | | | |
| (c) | \$ 509 | | | | | | | |
| RULE 49. AUTO DEALERS – PREMIUM DEVELOPMENT | | | | | | | | |
| (a) | \$ 406 | Refer to Rule 49. | | | | All Autos \$ 20 | | Guest PIP \$ 4 |
| (b) | \$ 371 | | | | | | | |
| (c) | \$ 353 | | | | | | | |
| <ul style="list-style-type: none">For liability increased limits factors, refer to Rule 100.For liability fleet factors, refer to Rules 22. and 39.Other Than Auto losses for Auto Dealers risks are subject to an aggregate limit equal to three times the liability limit. For additional limits, refer to Rule 49.For descriptions of Liability coverage categories (a), (b) and (c), refer to Rule 93. | | | | | | | | |

**COMMERCIAL LINES MANUAL
DIVISION ONE
AUTOMOBILE
LOSS COST PAGES**

**KENTUCKY (16)
TERRITORY 117**

| LIABILITY | | MEDICAL PAYMENTS | | | | PERSONAL INJURY PROTECTION | | |
|--|---------|-------------------|------|------|------|---|--|---------------------|
| Limit Of Liab. | | Limit Per Person | | | | Basic Limits | | |
| \$100,000 | | 500 | 1000 | 2000 | 5000 | | | |
| RULE 23. TRUCKS, TRACTORS AND TRAILERS CLASSIFICATIONS | | | | | | | | |
| (a) | \$ 378 | \$2 | \$3 | \$4 | \$7 | Not Covered By Workers' Comp. \$ 21 | Covered By Workers' Comp. \$ 13 | Guest PIP \$ 5 |
| (b) | \$ 345 | | | | | | | |
| (c) | \$ 329 | | | | | | | |
| RULE 32. PRIVATE PASSENGER TYPES CLASSIFICATIONS | | | | | | | | |
| (a) | \$ 297 | \$2 | \$3 | \$5 | \$9 | Not Principally Operated By Employees \$ 36 | Principally Operated By Employees \$ 25 | Guest PIP \$ 7 |
| (b) | \$ 271 | | | | | | | |
| (c) | \$ 258 | | | | | | | |
| RULE 40. PUBLIC AUTO CLASSIFICATIONS | | | | | | | | |
| – TAXICABS AND LIMOUSINES | | | | | | | | |
| (a) | \$ 2344 | \$18 | \$32 | \$53 | \$98 | Owner Operated \$ 132 | Other Than Owner Operated \$ 75 | Guest PIP \$ 73 |
| (b) | \$ 2139 | | | | | | | |
| (c) | \$ 2040 | | | | | | | |
| – SCHOOL AND CHURCH BUSES | | | | | | | | |
| (a) | \$ 208 | \$3 | \$5 | \$7 | \$12 | All Autos \$ 16 | | Guest PIP \$ 15 |
| (b) | \$ 190 | | | | | | | |
| (c) | \$ 181 | | | | | | | |
| – OTHER BUSES | | | | | | | | |
| (a) | \$ 1436 | \$13 | \$21 | \$34 | \$57 | All Autos \$ 154 | | Guest PIP \$ 153 |
| (b) | \$ 1311 | | | | | | | |
| (c) | \$ 1250 | | | | | | | |
| – VAN POOLS | | | | | | | | |
| (a) | \$ 567 | \$4 | \$7 | \$10 | \$18 | Employer Furnished \$ 8 | All Other \$ 18 | Guest PIP \$ 4 |
| (b) | \$ 518 | | | | | | | |
| (c) | \$ 494 | | | | | | | |
| RULE 49. AUTO DEALERS – PREMIUM DEVELOPMENT | | | | | | | | |
| (a) | \$ 383 | Refer to Rule 49. | | | | All Autos \$ 24 | | Guest PIP \$ 5 |
| (b) | \$ 350 | | | | | | | |
| (c) | \$ 333 | | | | | | | |
| <div><div></div><div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div></div></div> | | | | | | | | |

COMMERCIAL LINES MANUAL
DIVISION ONE
AUTOMOBILE
LOSS COST PAGES

| LIABILITY | | MEDICAL PAYMENTS | | | | PERSONAL INJURY PROTECTION | | |
|---|---------|-------------------|------|------|------|---|--|---------------------|
| Limit Of Liab. | | Limit Per Person | | | | Basic Limits | | |
| \$100,000 | | 500 | 1000 | 2000 | 5000 | | | |
| RULE 23. TRUCKS, TRACTORS AND TRAILERS CLASSIFICATIONS | | | | | | | | |
| (a) | \$ 268 | \$1 | \$2 | \$3 | \$5 | Not Covered By Workers' Comp. \$ 17 | Covered By Workers' Comp. \$ 10 | Guest PIP \$ 4 |
| (b) | \$ 245 | | | | | | | |
| (c) | \$ 233 | | | | | | | |
| RULE 32. PRIVATE PASSENGER TYPES CLASSIFICATIONS | | | | | | | | |
| (a) | \$ 344 | \$2 | \$4 | \$6 | \$11 | Not Principally Operated By Employees \$ 38 | Principally Operated By Employees \$ 27 | Guest PIP \$ 8 |
| (b) | \$ 314 | | | | | | | |
| (c) | \$ 299 | | | | | | | |
| RULE 40. PUBLIC AUTO CLASSIFICATIONS | | | | | | | | |
| – TAXICABS AND LIMOUSINES | | | | | | | | |
| (a) | \$ 1662 | \$13 | \$23 | \$38 | \$69 | Owner Operated \$ 107 | Other Than Owner Operated \$ 61 | Guest PIP \$ 59 |
| (b) | \$ 1519 | | | | | | | |
| (c) | \$ 1445 | | | | | | | |
| – SCHOOL AND CHURCH BUSES | | | | | | | | |
| (a) | \$ 147 | \$2 | \$3 | \$5 | \$8 | All Autos \$ 13 | | Guest PIP \$ 12 |
| (b) | \$ 135 | | | | | | | |
| (c) | \$ 128 | | | | | | | |
| – OTHER BUSES | | | | | | | | |
| (a) | \$ 1018 | \$9 | \$15 | \$24 | \$41 | All Autos \$ 124 | | Guest PIP \$ 123 |
| (b) | \$ 931 | | | | | | | |
| (c) | \$ 885 | | | | | | | |
| – VAN POOLS | | | | | | | | |
| (a) | \$ 402 | \$3 | \$5 | \$7 | \$13 | Employer Furnished \$ 6 | All Other \$ 14 | Guest PIP \$ 3 |
| (b) | \$ 368 | | | | | | | |
| (c) | \$ 350 | | | | | | | |
| RULE 49. AUTO DEALERS – PREMIUM DEVELOPMENT | | | | | | | | |
| (a) | \$ 290 | Refer to Rule 49. | | | | All Autos \$ 19 | | Guest PIP \$ 4 |
| (b) | \$ 265 | | | | | | | |
| (c) | \$ 252 | | | | | | | |
| <ul style="list-style-type: none">For liability increased limits factors, refer to Rule 100.For liability fleet factors, refer to Rules 22. and 39.Other Than Auto losses for Auto Dealers risks are subject to an aggregate limit equal to three times the liability limit. For additional limits, refer to Rule 49.For descriptions of Liability coverage categories (a), (b) and (c), refer to Rule 93. | | | | | | | | |

**COMMERCIAL LINES MANUAL
DIVISION ONE
AUTOMOBILE
LOSS COST PAGES**

**KENTUCKY (16)
TERRITORY 101**

| PHYSICAL DAMAGE Original Cost New Range \$15,001 – 20,000 | | | |
|---|--------------------------------|--------|------------------------|
| | Specified Causes Of Loss | Comp. | \$500 Ded. Coll. |
| RULE 23. TRUCKS, TRACTORS AND TRAILERS CLASSIFICATIONS | | | |
| – Local And Intermediate – All Vehicles | | | |
| – Long Distance – Light Trucks And Trailers Used With Light Trucks | | | |
| | \$ 79 | \$ 139 | \$ 224 |
| RULE 32. PRIVATE PASSENGER TYPES CLASSIFICATIONS | | | |
| | \$ 59 | \$ 105 | \$ 305 |
| RULE 40. PUBLIC AUTO CLASSIFICATIONS | | | |
| – TAXICABS AND LIMOUSINES | | | |
| | \$ 81 | \$ 142 | \$ 284 |
| – SCHOOL AND CHURCH BUSES | | | |
| | \$ 55 | \$ 97 | \$ 146 |
| – OTHER BUSES | | | |
| | \$ 55 | \$ 97 | \$ 146 |
| – VAN POOLS | | | |
| | \$ 81 | \$ 142 | \$ 284 |
| <ul style="list-style-type: none"> • For physical damage fleet factors, refer to Rules 22. and 39. • For additional coverages, refer to the Additional Coverages Table in Rules 23. and 40. • For Deductible factors, refer to Rule 98. • For Original Cost New and Age Group factors, refer to Rule 101. • For Stated Amount factors, refer to Rule 101. | | | |

COMMERCIAL LINES MANUAL
DIVISION ONE
AUTOMOBILE
LOSS COST PAGES

| PHYSICAL DAMAGE Original Cost New Range \$15,001 – 20,000 | | | |
|---|--------------------------------|--------|------------------------|
| | Specified Causes Of Loss | Comp. | \$500 Ded. Coll. |
| RULE 23. TRUCKS, TRACTORS AND TRAILERS CLASSIFICATIONS | | | |
| – Local And Intermediate – All Vehicles | | | |
| – Long Distance – Light Trucks And Trailers Used With Light Trucks | | | |
| | \$ 58 | \$ 102 | \$ 163 |
| RULE 32. PRIVATE PASSENGER TYPES CLASSIFICATIONS | | | |
| | \$ 52 | \$ 92 | \$ 261 |
| RULE 40. PUBLIC AUTO CLASSIFICATIONS | | | |
| – TAXICABS AND LIMOUSINES | | | |
| | \$ 59 | \$ 104 | \$ 207 |
| – SCHOOL AND CHURCH BUSES | | | |
| | \$ 41 | \$ 71 | \$ 106 |
| – OTHER BUSES | | | |
| | \$ 41 | \$ 71 | \$ 106 |
| – VAN POOLS | | | |
| | \$ 59 | \$ 104 | \$ 207 |
| <ul style="list-style-type: none"> • For physical damage fleet factors, refer to Rules 22. and 39. • For additional coverages, refer to the Additional Coverages Table in Rules 23. and 40. • For Deductible factors, refer to Rule 98. • For Original Cost New and Age Group factors, refer to Rule 101. • For Stated Amount factors, refer to Rule 101. | | | |

**COMMERCIAL LINES MANUAL
DIVISION ONE
AUTOMOBILE
LOSS COST PAGES**

**KENTUCKY (16)
TERRITORY 103**

| PHYSICAL DAMAGE Original Cost New Range \$15,001 – 20,000 | | | |
|---|--------------------------------|--------|------------------------|
| | Specified Causes Of Loss | Comp. | \$500 Ded. Coll. |
| RULE 23. TRUCKS, TRACTORS AND TRAILERS CLASSIFICATIONS | | | |
| – Local And Intermediate – All Vehicles | | | |
| – Long Distance – Light Trucks And Trailers Used With Light Trucks | | | |
| | \$ 62 | \$ 110 | \$ 215 |
| RULE 32. PRIVATE PASSENGER TYPES CLASSIFICATIONS | | | |
| | \$ 45 | \$ 80 | \$ 285 |
| RULE 40. PUBLIC AUTO CLASSIFICATIONS | | | |
| – TAXICABS AND LIMOUSINES | | | |
| | \$ 63 | \$ 112 | \$ 273 |
| – SCHOOL AND CHURCH BUSES | | | |
| | \$ 43 | \$ 77 | \$ 140 |
| – OTHER BUSES | | | |
| | \$ 43 | \$ 77 | \$ 140 |
| – VAN POOLS | | | |
| | \$ 63 | \$ 112 | \$ 273 |
| <ul style="list-style-type: none"> • For physical damage fleet factors, refer to Rules 22. and 39. • For additional coverages, refer to the Additional Coverages Table in Rules 23. and 40. • For Deductible factors, refer to Rule 98. • For Original Cost New and Age Group factors, refer to Rule 101. • For Stated Amount factors, refer to Rule 101. | | | |

COMMERCIAL LINES MANUAL
DIVISION ONE
AUTOMOBILE
LOSS COST PAGES

| PHYSICAL DAMAGE Original Cost New Range \$15,001 – 20,000 | | | |
|---|--------------------------------|--------|------------------------|
| | Specified Causes Of Loss | Comp. | \$500 Ded. Coll. |
| RULE 23. TRUCKS, TRACTORS AND TRAILERS CLASSIFICATIONS | | | |
| – Local And Intermediate – All Vehicles | | | |
| – Long Distance – Light Trucks And Trailers Used With Light Trucks | | | |
| | \$ 84 | \$ 149 | \$ 178 |
| RULE 32. PRIVATE PASSENGER TYPES CLASSIFICATIONS | | | |
| | \$ 97 | \$ 172 | \$ 242 |
| RULE 40. PUBLIC AUTO CLASSIFICATIONS | | | |
| – TAXICABS AND LIMOUSINES | | | |
| | \$ 86 | \$ 152 | \$ 226 |
| – SCHOOL AND CHURCH BUSES | | | |
| | \$ 59 | \$ 104 | \$ 116 |
| – OTHER BUSES | | | |
| | \$ 59 | \$ 104 | \$ 116 |
| – VAN POOLS | | | |
| | \$ 86 | \$ 152 | \$ 226 |
| <ul style="list-style-type: none"> • For physical damage fleet factors, refer to Rules 22. and 39. • For additional coverages, refer to the Additional Coverages Table in Rules 23. and 40. • For Deductible factors, refer to Rule 98. • For Original Cost New and Age Group factors, refer to Rule 101. • For Stated Amount factors, refer to Rule 101. | | | |

**COMMERCIAL LINES MANUAL
DIVISION ONE
AUTOMOBILE
LOSS COST PAGES**

**KENTUCKY (16)
TERRITORY 105**

| PHYSICAL DAMAGE Original Cost New Range \$15,001 – 20,000 | | | |
|---|--------------------------------|--------|------------------------|
| | Specified Causes Of Loss | Comp. | \$500 Ded. Coll. |
| RULE 23. TRUCKS, TRACTORS AND TRAILERS CLASSIFICATIONS | | | |
| – Local And Intermediate – All Vehicles | | | |
| – Long Distance – Light Trucks And Trailers Used With Light Trucks | | | |
| | \$ 63 | \$ 112 | \$ 243 |
| RULE 32. PRIVATE PASSENGER TYPES CLASSIFICATIONS | | | |
| | \$ 45 | \$ 80 | \$ 232 |
| RULE 40. PUBLIC AUTO CLASSIFICATIONS | | | |
| – TAXICABS AND LIMOUSINES | | | |
| | \$ 64 | \$ 114 | \$ 309 |
| – SCHOOL AND CHURCH BUSES | | | |
| | \$ 44 | \$ 78 | \$ 158 |
| – OTHER BUSES | | | |
| | \$ 44 | \$ 78 | \$ 158 |
| – VAN POOLS | | | |
| | \$ 64 | \$ 114 | \$ 309 |
| <ul style="list-style-type: none"> • For physical damage fleet factors, refer to Rules 22. and 39. • For additional coverages, refer to the Additional Coverages Table in Rules 23. and 40. • For Deductible factors, refer to Rule 98. • For Original Cost New and Age Group factors, refer to Rule 101. • For Stated Amount factors, refer to Rule 101. | | | |

COMMERCIAL LINES MANUAL
DIVISION ONE
AUTOMOBILE
LOSS COST PAGES

| PHYSICAL DAMAGE Original Cost New Range \$15,001 – 20,000 | | | |
|---|--------------------------------|--------|------------------------|
| | Specified Causes Of Loss | Comp. | \$500 Ded. Coll. |
| RULE 23. TRUCKS, TRACTORS AND TRAILERS CLASSIFICATIONS | | | |
| – Local And Intermediate – All Vehicles | | | |
| – Long Distance – Light Trucks And Trailers Used With Light Trucks | | | |
| | \$ 78 | \$ 138 | \$ 255 |
| RULE 32. PRIVATE PASSENGER TYPES CLASSIFICATIONS | | | |
| | \$ 51 | \$ 91 | \$ 230 |
| RULE 40. PUBLIC AUTO CLASSIFICATIONS | | | |
| – TAXICABS AND LIMOUSINES | | | |
| | \$ 80 | \$ 141 | \$ 324 |
| – SCHOOL AND CHURCH BUSES | | | |
| | \$ 55 | \$ 97 | \$ 166 |
| – OTHER BUSES | | | |
| | \$ 55 | \$ 97 | \$ 166 |
| – VAN POOLS | | | |
| | \$ 80 | \$ 141 | \$ 324 |
| <ul style="list-style-type: none"> • For physical damage fleet factors, refer to Rules 22. and 39. • For additional coverages, refer to the Additional Coverages Table in Rules 23. and 40. • For Deductible factors, refer to Rule 98. • For Original Cost New and Age Group factors, refer to Rule 101. • For Stated Amount factors, refer to Rule 101. | | | |

**COMMERCIAL LINES MANUAL
DIVISION ONE
AUTOMOBILE
LOSS COST PAGES**

**KENTUCKY (16)
TERRITORY 107**

| PHYSICAL DAMAGE Original Cost New Range \$15,001 – 20,000 | | | |
|---|--------------------------------|--------|------------------------|
| | Specified Causes Of Loss | Comp. | \$500 Ded. Coll. |
| RULE 23. TRUCKS, TRACTORS AND TRAILERS CLASSIFICATIONS | | | |
| – Local And Intermediate – All Vehicles | | | |
| – Long Distance – Light Trucks And Trailers Used With Light Trucks | | | |
| | \$ 70 | \$ 124 | \$ 228 |
| RULE 32. PRIVATE PASSENGER TYPES CLASSIFICATIONS | | | |
| | \$ 70 | \$ 124 | \$ 233 |
| RULE 40. PUBLIC AUTO CLASSIFICATIONS | | | |
| – TAXICABS AND LIMOUSINES | | | |
| | \$ 71 | \$ 126 | \$ 290 |
| – SCHOOL AND CHURCH BUSES | | | |
| | \$ 49 | \$ 87 | \$ 148 |
| – OTHER BUSES | | | |
| | \$ 49 | \$ 87 | \$ 148 |
| – VAN POOLS | | | |
| | \$ 71 | \$ 126 | \$ 290 |
| <ul style="list-style-type: none"> • For physical damage fleet factors, refer to Rules 22. and 39. • For additional coverages, refer to the Additional Coverages Table in Rules 23. and 40. • For Deductible factors, refer to Rule 98. • For Original Cost New and Age Group factors, refer to Rule 101. • For Stated Amount factors, refer to Rule 101. | | | |

COMMERCIAL LINES MANUAL
DIVISION ONE
AUTOMOBILE
LOSS COST PAGES

| PHYSICAL DAMAGE Original Cost New Range \$15,001 – 20,000 | | | |
|---|--------------------------------|--------|------------------------|
| | Specified Causes Of Loss | Comp. | \$500 Ded. Coll. |
| RULE 23. TRUCKS, TRACTORS AND TRAILERS CLASSIFICATIONS | | | |
| – Local And Intermediate – All Vehicles | | | |
| – Long Distance – Light Trucks And Trailers Used With Light Trucks | | | |
| | \$ 72 | \$ 128 | \$ 202 |
| RULE 32. PRIVATE PASSENGER TYPES CLASSIFICATIONS | | | |
| | \$ 72 | \$ 127 | \$ 269 |
| RULE 40. PUBLIC AUTO CLASSIFICATIONS | | | |
| – TAXICABS AND LIMOUSINES | | | |
| | \$ 73 | \$ 131 | \$ 257 |
| – SCHOOL AND CHURCH BUSES | | | |
| | \$ 50 | \$ 90 | \$ 131 |
| – OTHER BUSES | | | |
| | \$ 50 | \$ 90 | \$ 131 |
| – VAN POOLS | | | |
| | \$ 73 | \$ 131 | \$ 257 |
| <ul style="list-style-type: none"> • For physical damage fleet factors, refer to Rules 22. and 39. • For additional coverages, refer to the Additional Coverages Table in Rules 23. and 40. • For Deductible factors, refer to Rule 98. • For Original Cost New and Age Group factors, refer to Rule 101. • For Stated Amount factors, refer to Rule 101. | | | |

**COMMERCIAL LINES MANUAL
DIVISION ONE
AUTOMOBILE
LOSS COST PAGES**

**KENTUCKY (16)
TERRITORY 110**

| PHYSICAL DAMAGE Original Cost New Range \$15,001 – 20,000 | | | |
|---|---|--------------|---------------------------------|
| | Specified Causes Of Loss | Comp. | \$500 Ded. Coll. |
| RULE 23. TRUCKS, TRACTORS AND TRAILERS CLASSIFICATIONS | | | |
| – Local And Intermediate – All Vehicles | | | |
| – Long Distance – Light Trucks And Trailers Used With Light Trucks | | | |
| | \$ 79 | \$ 139 | \$ 190 |
| RULE 32. PRIVATE PASSENGER TYPES CLASSIFICATIONS | | | |
| | \$ 92 | \$ 163 | \$ 265 |
| RULE 40. PUBLIC AUTO CLASSIFICATIONS | | | |
| – TAXICABS AND LIMOUSINES | | | |
| | \$ 81 | \$ 142 | \$ 241 |
| – SCHOOL AND CHURCH BUSES | | | |
| | \$ 55 | \$ 97 | \$ 124 |
| – OTHER BUSES | | | |
| | \$ 55 | \$ 97 | \$ 124 |
| – VAN POOLS | | | |
| | \$ 81 | \$ 142 | \$ 241 |
| <ul style="list-style-type: none"> • For physical damage fleet factors, refer to Rules 22. and 39. • For additional coverages, refer to the Additional Coverages Table in Rules 23. and 40. • For Deductible factors, refer to Rule 98. • For Original Cost New and Age Group factors, refer to Rule 101. • For Stated Amount factors, refer to Rule 101. | | | |

COMMERCIAL LINES MANUAL
DIVISION ONE
AUTOMOBILE
LOSS COST PAGES

| PHYSICAL DAMAGE Original Cost New Range \$15,001 – 20,000 | | | |
|---|--------------------------------|--------|------------------------|
| | Specified Causes Of Loss | Comp. | \$500 Ded. Coll. |
| RULE 23. TRUCKS, TRACTORS AND TRAILERS CLASSIFICATIONS | | | |
| – Local And Intermediate – All Vehicles | | | |
| – Long Distance – Light Trucks And Trailers Used With Light Trucks | | | |
| | \$ 103 | \$ 182 | \$ 202 |
| RULE 32. PRIVATE PASSENGER TYPES CLASSIFICATIONS | | | |
| | \$ 82 | \$ 145 | \$ 254 |
| RULE 40. PUBLIC AUTO CLASSIFICATIONS | | | |
| – TAXICABS AND LIMOUSINES | | | |
| | \$ 105 | \$ 186 | \$ 257 |
| – SCHOOL AND CHURCH BUSES | | | |
| | \$ 72 | \$ 127 | \$ 131 |
| – OTHER BUSES | | | |
| | \$ 72 | \$ 127 | \$ 131 |
| – VAN POOLS | | | |
| | \$ 105 | \$ 186 | \$ 257 |
| <ul style="list-style-type: none"> • For physical damage fleet factors, refer to Rules 22. and 39. • For additional coverages, refer to the Additional Coverages Table in Rules 23. and 40. • For Deductible factors, refer to Rule 98. • For Original Cost New and Age Group factors, refer to Rule 101. • For Stated Amount factors, refer to Rule 101. | | | |

**COMMERCIAL LINES MANUAL
DIVISION ONE
AUTOMOBILE
LOSS COST PAGES**

**KENTUCKY (16)
TERRITORY 113**

| PHYSICAL DAMAGE Original Cost New Range \$15,001 – 20,000 | | | |
|---|--------------------------------|--------|------------------------|
| | Specified Causes Of Loss | Comp. | \$500 Ded. Coll. |
| RULE 23. TRUCKS, TRACTORS AND TRAILERS CLASSIFICATIONS | | | |
| – Local And Intermediate – All Vehicles | | | |
| – Long Distance – Light Trucks And Trailers Used With Light Trucks | | | |
| | \$ 75 | \$ 133 | \$ 191 |
| RULE 32. PRIVATE PASSENGER TYPES CLASSIFICATIONS | | | |
| | \$ 57 | \$ 100 | \$ 237 |
| RULE 40. PUBLIC AUTO CLASSIFICATIONS | | | |
| – TAXICABS AND LIMOUSINES | | | |
| | \$ 77 | \$ 136 | \$ 243 |
| – SCHOOL AND CHURCH BUSES | | | |
| | \$ 53 | \$ 93 | \$ 124 |
| – OTHER BUSES | | | |
| | \$ 53 | \$ 93 | \$ 124 |
| – VAN POOLS | | | |
| | \$ 77 | \$ 136 | \$ 243 |
| <ul style="list-style-type: none"> • For physical damage fleet factors, refer to Rules 22. and 39. • For additional coverages, refer to the Additional Coverages Table in Rules 23. and 40. • For Deductible factors, refer to Rule 98. • For Original Cost New and Age Group factors, refer to Rule 101. • For Stated Amount factors, refer to Rule 101. | | | |

COMMERCIAL LINES MANUAL
DIVISION ONE
AUTOMOBILE
LOSS COST PAGES

| PHYSICAL DAMAGE Original Cost New Range \$15,001 – 20,000 | | | |
|---|--------------------------------|--------|------------------------|
| | Specified Causes Of Loss | Comp. | \$500 Ded. Coll. |
| RULE 23. TRUCKS, TRACTORS AND TRAILERS CLASSIFICATIONS | | | |
| – Local And Intermediate – All Vehicles | | | |
| – Long Distance – Light Trucks And Trailers Used With Light Trucks | | | |
| | \$ 62 | \$ 109 | \$ 185 |
| RULE 32. PRIVATE PASSENGER TYPES CLASSIFICATIONS | | | |
| | \$ 57 | \$ 100 | \$ 244 |
| RULE 40. PUBLIC AUTO CLASSIFICATIONS | | | |
| – TAXICABS AND LIMOUSINES | | | |
| | \$ 63 | \$ 111 | \$ 235 |
| – SCHOOL AND CHURCH BUSES | | | |
| | \$ 43 | \$ 76 | \$ 120 |
| – OTHER BUSES | | | |
| | \$ 43 | \$ 76 | \$ 120 |
| – VAN POOLS | | | |
| | \$ 63 | \$ 111 | \$ 235 |
| <ul style="list-style-type: none"> • For physical damage fleet factors, refer to Rules 22. and 39. • For additional coverages, refer to the Additional Coverages Table in Rules 23. and 40. • For Deductible factors, refer to Rule 98. • For Original Cost New and Age Group factors, refer to Rule 101. • For Stated Amount factors, refer to Rule 101. | | | |

**COMMERCIAL LINES MANUAL
DIVISION ONE
AUTOMOBILE
LOSS COST PAGES**

**KENTUCKY (16)
TERRITORY 115**

| PHYSICAL DAMAGE Original Cost New Range \$15,001 – 20,000 | | | |
|---|--------------------------------|--------|------------------------|
| | Specified Causes Of Loss | Comp. | \$500 Ded. Coll. |
| RULE 23. TRUCKS, TRACTORS AND TRAILERS CLASSIFICATIONS | | | |
| – Local And Intermediate – All Vehicles | | | |
| – Long Distance – Light Trucks And Trailers Used With Light Trucks | | | |
| | \$ 77 | \$ 137 | \$ 172 |
| RULE 32. PRIVATE PASSENGER TYPES CLASSIFICATIONS | | | |
| | \$ 66 | \$ 117 | \$ 276 |
| RULE 40. PUBLIC AUTO CLASSIFICATIONS | | | |
| – TAXICABS AND LIMOUSINES | | | |
| | \$ 79 | \$ 140 | \$ 218 |
| – SCHOOL AND CHURCH BUSES | | | |
| | \$ 54 | \$ 96 | \$ 112 |
| – OTHER BUSES | | | |
| | \$ 54 | \$ 96 | \$ 112 |
| – VAN POOLS | | | |
| | \$ 79 | \$ 140 | \$ 218 |
| <ul style="list-style-type: none"> • For physical damage fleet factors, refer to Rules 22. and 39. • For additional coverages, refer to the Additional Coverages Table in Rules 23. and 40. • For Deductible factors, refer to Rule 98. • For Original Cost New and Age Group factors, refer to Rule 101. • For Stated Amount factors, refer to Rule 101. | | | |

COMMERCIAL LINES MANUAL
DIVISION ONE
AUTOMOBILE
LOSS COST PAGES

| PHYSICAL DAMAGE Original Cost New Range \$15,001 – 20,000 | | | |
|---|--------------------------------|--------|------------------------|
| | Specified Causes Of Loss | Comp. | \$500 Ded. Coll. |
| RULE 23. TRUCKS, TRACTORS AND TRAILERS CLASSIFICATIONS | | | |
| – Local And Intermediate – All Vehicles | | | |
| – Long Distance – Light Trucks And Trailers Used With Light Trucks | | | |
| | \$ 74 | \$ 131 | \$ 178 |
| RULE 32. PRIVATE PASSENGER TYPES CLASSIFICATIONS | | | |
| | \$ 51 | \$ 90 | \$ 305 |
| RULE 40. PUBLIC AUTO CLASSIFICATIONS | | | |
| – TAXICABS AND LIMOUSINES | | | |
| | \$ 75 | \$ 134 | \$ 226 |
| – SCHOOL AND CHURCH BUSES | | | |
| | \$ 52 | \$ 92 | \$ 116 |
| – OTHER BUSES | | | |
| | \$ 52 | \$ 92 | \$ 116 |
| – VAN POOLS | | | |
| | \$ 75 | \$ 134 | \$ 226 |
| <ul style="list-style-type: none"> • For physical damage fleet factors, refer to Rules 22. and 39. • For additional coverages, refer to the Additional Coverages Table in Rules 23. and 40. • For Deductible factors, refer to Rule 98. • For Original Cost New and Age Group factors, refer to Rule 101. • For Stated Amount factors, refer to Rule 101. | | | |

**COMMERCIAL LINES MANUAL
DIVISION ONE
AUTOMOBILE
LOSS COST PAGES**

**KENTUCKY (16)
TERRITORY 117**

| PHYSICAL DAMAGE Original Cost New Range \$15,001 – 20,000 | | | |
|---|---|--------------|---------------------------------|
| | Specified Causes Of Loss | Comp. | \$500 Ded. Coll. |
| RULE 23. TRUCKS, TRACTORS AND TRAILERS CLASSIFICATIONS | | | |
| – Local And Intermediate – All Vehicles | | | |
| – Long Distance – Light Trucks And Trailers Used With Light Trucks | | | |
| | \$ 66 | \$ 117 | \$ 226 |
| RULE 32. PRIVATE PASSENGER TYPES CLASSIFICATIONS | | | |
| | \$ 46 | \$ 81 | \$ 296 |
| RULE 40. PUBLIC AUTO CLASSIFICATIONS | | | |
| – TAXICABS AND LIMOUSINES | | | |
| | \$ 67 | \$ 119 | \$ 287 |
| – SCHOOL AND CHURCH BUSES | | | |
| | \$ 46 | \$ 82 | \$ 147 |
| – OTHER BUSES | | | |
| | \$ 46 | \$ 82 | \$ 147 |
| – VAN POOLS | | | |
| | \$ 67 | \$ 119 | \$ 287 |
| <ul style="list-style-type: none"> • For physical damage fleet factors, refer to Rules 22. and 39. • For additional coverages, refer to the Additional Coverages Table in Rules 23. and 40. • For Deductible factors, refer to Rule 98. • For Original Cost New and Age Group factors, refer to Rule 101. • For Stated Amount factors, refer to Rule 101. | | | |

COMMERCIAL LINES MANUAL
DIVISION ONE
AUTOMOBILE
LOSS COST PAGES

| PHYSICAL DAMAGE Original Cost New Range \$15,001 – 20,000 | | | |
|---|--------------------------------|--------|------------------------|
| | Specified Causes Of Loss | Comp. | \$500 Ded. Coll. |
| RULE 23. TRUCKS, TRACTORS AND TRAILERS CLASSIFICATIONS | | | |
| – Local And Intermediate – All Vehicles | | | |
| – Long Distance – Light Trucks And Trailers Used With Light Trucks | | | |
| | \$ 78 | \$ 138 | \$ 207 |
| RULE 32. PRIVATE PASSENGER TYPES CLASSIFICATIONS | | | |
| | \$ 57 | \$ 100 | \$ 254 |
| RULE 40. PUBLIC AUTO CLASSIFICATIONS | | | |
| – TAXICABS AND LIMOUSINES | | | |
| | \$ 80 | \$ 141 | \$ 263 |
| – SCHOOL AND CHURCH BUSES | | | |
| | \$ 55 | \$ 97 | \$ 135 |
| – OTHER BUSES | | | |
| | \$ 55 | \$ 97 | \$ 135 |
| – VAN POOLS | | | |
| | \$ 80 | \$ 141 | \$ 263 |
| <ul style="list-style-type: none"> • For physical damage fleet factors, refer to Rules 22. and 39. • For additional coverages, refer to the Additional Coverages Table in Rules 23. and 40. • For Deductible factors, refer to Rule 98. • For Original Cost New and Age Group factors, refer to Rule 101. • For Stated Amount factors, refer to Rule 101. | | | |

90. HIRED AUTOS

| |
|--|
| Cost Of Hire Basis – All Territories Liability Base Loss Cost |
|--|

| |
|--------------------|
| \$ <u>0.530.54</u> |
|--------------------|

Table 90.B.3.b.(LC) Cost Of Hire Basis Liability Loss Cost

Supplementary Information – Kentucky

Introduction

This document provides additional information on the attached loss cost level experience review, including:

- A summary of recent trends in Liability claim costs
- A summary of significant factors used in the development of loss cost indications and a comparison to the factors used in the prior filing that underlie the loss costs currently in effect
- A discussion of the experience underlying the loss cost level evaluation, and how it compares to the prior review
- Issues related to Commercial Auto in Kentucky

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 valid 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.

Trends in Liability Claim Costs

The table below shows the latest sixteen evaluations of 12-pt. paid claim cost trends.

Multistate Paid Claim Cost Trends

| <u>Data Through</u> | <u>\$100,000 Bodily Injury</u> | <u>\$100,000 Property Damage</u> |
|---------------------|--------------------------------|----------------------------------|
| 03/31/2015 | +1.5% | +3.3% |
| 06/30/2015 | +2.2% | +3.5% |
| 09/30/2015 | +1.9% | +3.7% |
| 12/31/2015 | +2.3% | +4.6% |
| 03/31/2016 | +2.9% | +4.8% |
| 06/30/2016 | +2.9% | +5.2% |
| 09/30/2016 | +2.6% | +5.5% |
| 12/31/2016 | +2.7% | +5.7% |
| 03/31/2017 | +2.7% | +5.7% |
| 06/30/2017 | +2.8% | +5.6% |
| 09/30/2017 | +3.0% | +5.4% |
| 12/31/2017 | +3.8% | +4.8% |
| 03/31/2018 | +4.2% | +4.5% |
| 06/30/2018 | +4.4% | +4.3% |
| 09/30/2018 | +5.1% | +4.2% |
| 12/31/2018 | +5.5% | +4.3% |

ISO believes that bodily injury claim cost trends will primarily be driven by changes in the costs of providing medical care. At times, other factors serve to reduce (or exacerbate) the claim cost trends.

Supplementary Information – Kentucky

Trends in Medical Care Costs

The table below shows the last twelve annual rates of change, based upon the CPI, for Medical Care and Hospital & Other Related Services, separately.

| <u>Period</u> | <u>CPI – Medical Care Annual Rate of Change¹</u> | <u>CPI – Hospital & Other Related Services Annual Rate of Change</u> |
|-------------------------------|---|--|
| October 2007 - September 2008 | 3.2% | 6.6% |
| October 2008 - September 2009 | 3.5% | 6.6% |
| October 2009 - September 2010 | 3.4% | 7.3% |
| October 2010 - September 2011 | 2.8% | 4.9% |
| October 2011 - September 2012 | 4.1% | 4.7% |
| October 2012 - September 2013 | 2.4% | 5.4% |
| October 2013 - September 2014 | 2.0% | 3.5% |
| October 2014 - September 2015 | 2.5% | 3.3% |
| October 2015 - September 2016 | 4.9% | 5.6% |
| October 2016 - September 2017 | 1.6% | 4.3% |
| October 2017 - September 2018 | 1.7% | 3.7% |
| October 2018 - September 2019 | 3.5% | 2.1% |

Claim Frequencies

Historically, frequency trends for Commercial Auto liability have been quite variable, have differed between Trucks, Tractors, and Trailers (TTT) and Private Passenger Types (PPT) liability classes, and have often displayed cyclical patterns. As a result, an exponential curve of the form $Y=A(B^X)$ does not fit the data well over the long term. To reflect these characteristics and the difficulty in predicting turning points and rates of change, frequency trend is being selected to be 0% for TTT and PPT for both the Bodily Injury and Property Damage coverages.

Claim Counts

Claim counts are now being estimated from information on the individual loss records reported to ISO, rather than the claim counts that have been reported to ISO via the statistical plans. This is being done to address company inconsistencies in interpreting ISO's claim count reporting rules.

¹ Annual Rate of Change for a particular year is calculated as the CPI index for September of that year divided by the same index for September for the previous year, minus one.

Supplementary Information – Kentucky

Kentucky Trends

Trucks, Tractors & Trailers and Private Passenger Types Liability

| | Current Trends <u>Data through 12/31/2018</u> | Previous Trends <u>Data through 12/31/2017</u> |
|--|--|---|
| Kentucky Claim Cost Trends | | |
| Bodily Injury (\$100,000 Limit) | 3.9% | 7.2% |
| Property Damage (\$100,000 Limit) | 2.6% | 6.3% |
| Credibility-Weighted Claim Cost Trends | | |
| Bodily Injury (\$100,000 Limit) | 5.4% | 4.0% |
| Property Damage (\$100,000 Limit) | 4.0% | 5.1% |
| Selected Claim Frequency Trends | | |
| Trucks, Tractors & Trailers | | |
| Bodily Injury | 0.0% | 0.0% |
| Property Damage | 0.0% | 0.0% |
| Private Passenger Types | | |
| Bodily Injury | 0.0% | 0.0% |
| Property Damage | 0.0% | 0.0% |
| Selected Pure Premium Trends | | |
| Trucks, Tractors & Trailers | | |
| Bodily Injury (\$100,000 Limit) | 5.4% | 4.0% |
| Property Damage (\$100,000 Limit) | 4.0% | 5.1% |
| Private Passenger Types | | |
| Bodily Injury (\$100,000 Limit) | 5.4% | 4.0% |
| Property Damage (\$100,000 Limit) | 4.0% | 5.1% |

Kentucky bodily injury severity trend receives 5% weight when combined with multistate trend in the filing, property damage trend receives 20% weight.

If the prior trends were used to calculate the indicated changes in this document, the Truck, Tractors & Trailers Liability indication would have been 3.0% rather than 4.7%. For the Private Passenger Types coverage, the indication would have been 0.2% instead of 1.5%.

No-Fault Coverage (PIP)

| | Current Trends <u>Data through 06/30/2019</u> | Previous Trends <u>Data through 06/30/2018</u> |
|---------------------------------|--|---|
| Kentucky Claim Cost Trends | | |
| Trucks, Tractors & Trailers | 2.9% | 3.5% |
| Private Passenger Types | 2.9% | 3.6% |
| Selected Claim Frequency Trends | | |
| Trucks, Tractors & Trailers | 0.0% | 0.0% |
| Private Passenger Types | 0.0% | 0.0% |
| Selected Pure Premium Trends | | |
| Trucks, Tractors & Trailers | 2.9% | 3.5% |
| Private Passenger Types | 2.9% | 3.6% |

If the prior trends were used to calculate the indicated change in this document, the Truck, Tractors & Trailers PIP indication would have been -5.3% instead of -7.2%. For the Private Passenger Types PIP coverage, the indication would have been -0.8% rather than -2.5%.

Supplementary Information – Kentucky

Physical Damage Loss Trend

| | | Current Trends | Previous Trends |
|-----------------------------|-----------------|--------------------------------|--------------------------------|
| | <u>Coverage</u> | <u>Data through 12/31/2018</u> | <u>Data through 12/31/2017</u> |
| Trucks, Tractors & Trailers | OTC | +7.0% | +7.0% |
| | Collision | +4.5% | +5.0% |
| Private Passenger Types | OTC | +6.5% | +6.5% |
| | Collision | +4.0% | +4.5% |

Physical Damage OCN Trend

| | | Current Trends | Previous Trends |
|-----------------------------|-----------------|--------------------------------|--------------------------------|
| | <u>Coverage</u> | <u>Data through 12/31/2018</u> | <u>Data through 12/31/2017</u> |
| Trucks, Tractors & Trailers | OTC | +0.9% | +1.0% |
| | Collision | +1.5% | +1.6% |
| Private Passenger Types | OTC | +1.0% | +1.1% |
| | Collision | +0.6% | +0.6% |

The loss trend has remained the same for Trucks, Tractors & Trailers OTC and Private Passenger Types OTC. The OCN trend has decreased by 0.1 points for Trucks, Tractors & Trailers OTC and has decreased by 0.1 points for Private Passenger Types OTC. If the prior loss and OCN trends were used, the Trucks, Tractors and Trailers and Private Passenger Types OTC indications in this document would have 8.5%, instead of 8.8%, and 2.8%, instead of 3.1%, respectively.

The loss trend has decreased by 0.5 points for Trucks, Tractors & Trailers collision and for Private Passenger Types collision. The OCN trend has decreased by 0.1 points for Trucks, Tractors, & Trailers collision and has remained the same for Private Passenger Types collision. If the prior loss and OCN trends were used, the Trucks, Tractors & Trailers and Private Passenger Types collision indications in this document would have been -4.0%, instead of -5.0%, and -1.6%, instead of -3.4%, respectively.

Supplementary Information – Kentucky

Loss Development

Methodology

For the Trucks, Tractors & Trailers and Private Passenger Types Liability coverages, we continue to employ a credibility-weighted combination of Kentucky and multistate factors for the 15 to 27 month link ratios for BI and PD, and the 27 to 39 month link ratios for BI only. For all coverages, the "best three of five" link ratios have been used. Specifically, the highest and lowest link ratios from the latest five years of the experience have been removed from the calculation and the remaining three ratios are used to calculate the three-year average.

Factors

| | <u>Current (100K)</u> | <u>Previous (100K)</u> |
|----------------------------------|-----------------------|------------------------|
| Trucks, Tractors and Trailers BI | | |
| 39 to Ultimate | 1.084 | 1.094 |
| 27 to Ultimate | 1.201 | 1.194 |
| 15 to Ultimate | 1.399 | 1.391 |
| Trucks, Tractors and Trailers PD | | |
| 39 to Ultimate | 1.004 | 1.003 |
| 27 to Ultimate | 1.013 | 1.011 |
| 15 to Ultimate | 1.051 | 1.053 |
| Private Passenger Types BI | | |
| 39 to Ultimate | 1.082 | 1.090 |
| 27 to Ultimate | 1.153 | 1.184 |
| 15 to Ultimate | 1.359 | 1.399 |
| Private Passenger Types PD | | |
| 39 to Ultimate | 1.004 | 1.004 |
| 27 to Ultimate | 1.012 | 1.012 |
| 15 to Ultimate | 1.039 | 1.042 |

Supplementary Information – Kentucky

Other Factors

Unallocated Loss Adjustment Expense factors:

| | <u>Data through 12/31/2017</u> | <u>Data through 12/31/2016</u> |
|-----------------|--------------------------------|--------------------------------|
| Bodily Injury | 1.075 | 1.080 |
| Property Damage | 1.100 | 1.105 |
| Physical Damage | 1.130 | 1.140 |

Indicated vs. Filed Changes

An overall change of 2.8% is indicated when each of the coverage indications is weighted by its respective loss cost volume. Staff will file the indications, which reflect a 09/01/2020 proposed effective date, with the following exceptions:

| <u>Coverage</u> | <u>Indicated Change</u> | <u>Filed Change</u> |
|-----------------------------------|-------------------------|---------------------|
| Private Passenger Types Liability | 1.5% | N.C. |
| Private Passenger Types PIP | -2.5% | N.C. |

The Trucks, Tractors & Trailers Other Than Collision loss cost for territory 117 was capped for stability.

The overall filed change is 2.7%.

Notes

- The Auto Dealers Liability and PIP coverages are not being reviewed this year.
- The Auto Dealers and Garagekeepers physical damage coverages are not being reviewed this year.
- The Trucks, Tractors & Trailers OTC loss cost level change for territory 117 was capped at 15.0% for stability.
- The Trucks, Tractors & Trailers OTC indication of 8.8% is due to poor experience in two out of the latest three years.