

Nova Scotia

Private Passenger Vehicles

Oliver Wyman Selected Loss Trend Rates

Based on Industry Data Through December 31, 2015

Selected Trend Rates - Summary

The following table presents our selected past and future annual loss cost trend rates as of December 2015. We discuss and present our methodology and assumptions in selecting our trend rates in this report.

Coverage	Past Loss Cost	Future Loss Cost
Bodily Injury	+2.5%	+2.5%
Property Damage & DCPD	+2.5%	+2.5%
AB – Disability Income	+0.0%	0.0%
AB – Medical/Rehab	+3.0%	+3.0%
AB – Funeral	-5.0%	-5.0%
AB – Death	+0.0%	+0.0%
AB-Total	+2.0%	+2.0%
Collision	-0.5%	-0.5%
Comprehensive	+5.5%	+5.5%
Specified Perils	+5.5%	+5.5%
All Perils	+0.5%	+0.5%
Underinsured Motorist	+5.0%	+5.0%
Uninsured Auto	+8.0%	+8.0%

Introduction

Loss trend rates are factors that are used to determine rate level indications. They are applied to the experience period incurred losses to adjust for the cost levels that are anticipated during the policy period covered under the proposed rate program.

The application of trend rates is, essentially, a two-step process. The data in the experience period under consideration must be adjusted to reflect changes in cost conditions that have taken place (i.e., “past trend”), and then the data must be further adjusted to reflect changes in cost conditions that are expected to take place between the present time and the time during which the new premiums will be in effect (i.e., “future trend”).

Therefore, past trend rates should reflect the underlying trend patterns that occurred during the experience period, which we have assumed to be the three to five years ending December 31, 2015. Future trend rates should reflect those same patterns that occurred during the experience period, as well as the likelihood that those patterns may change.

We select trend rates based on historical Industry Nova Scotia claim experience as published by the General Insurance Statistical Agency (GISA). The Industry data is organized by half-year, and in this report we refer to the first half of an accident half year as XXXX-1 or XXXX.1 and the second half of the accident year as XXXX-2 or XXXX.2. So, for example, the accident half-year spanning July 1, 2015 through December 31, 2015 is referred to as 2015-2 or 2015.2.

We derive indicated annual loss trend rates based on an exponential regression model using Industry historical accident year loss and loss adjustment expense data that we project to ultimate cost level (when all claims are reported and settled) using the Industry loss development factors we select.

Estimation of Industry Ultimate Loss and Claim Amounts

The Industry Nova Scotia experience upon which the loss trend rates are based must be adjusted to an ultimate claim count and loss amount level. We do so through the application of what are referred to as development factors to the reported claim counts and claim amounts as of December 31, 2015. We select development factors based on a review of the Industry Nova Scotia loss development patterns; we do this by coverage. Our selected development factors are generally based on: (a) the volume weighted average of the last four observed development factors for the half-years ending December (for development period 6 months to 12 months) if

there is evidence of seasonality¹; and (b) the volume weighted average of the last six observed development factors (for the development periods beyond 12 months). For the more minor coverages, such as Specified Perils, Death Benefits and Funeral, we tend to select the volume weighted average of the last twenty observed development factors through 66 months of development and the all-year volume weighted average for development periods beyond 66 months. For Uninsured Auto and Underinsured Motorist, we tend to select the all-year volume weighted average for all development periods. The exceptions are as follows:

¹ *Evidence of seasonality was found for Bodily Injury counts, Collision counts, and Comprehensive counts and amounts.*

Bodily Injury	Claim Amount	6-12	Weighted average of last four semester values
Property Damage	Claim Count	6-12	Weighted average of last four values
Property Damage	Claim Amount	6-12; 96-108, 144-150	Weighted average of last four values; 1.00
Accident Benefits-Medical	Claim Count	6-12	Weighted average of last six semester values
Accident Benefits-Medical	Claim Amount	6-12; 120-126	Weighted average of last six semester values; 1.00
Accident Benefits-Disability Income	Claim Count	6-12	Weighted average of last six semester values
Accident Benefits-Disability Income	Claim Amount	6-12; 150+	Average of last five semester values; 1.00
Uninsured	Claim Count	144+	1.00
Uninsured	Claim Amount	144+	1.00
Collision	Claim Count	6-12	Weighted average of last four semester values;
Collision	Claim Amount	6-18; 48+	Weighted average of last four semester values; 1.00
Comprehensive	Claim Count	6-12	Average of last three seasonal semester values
Specified Perils	Claim Count	6-12; 36-42	All semester weighted average; 1.00
Specified Perils	Claim Amount	6-18; 18+	All semester weighted average; 1.00
All Perils	Claim Count	6-12; 24+	Weighted average of last four semester values; 1.00
All Perils	Claim Amount	6-12; 42-72	Weighted average of last four semester values; 1.00

As part of the analysis we examined the claim count and claim amount development triangles for each of the top ten private passenger automobile insurer groups in Nova Scotia. During the course of our review we identified one insurer with reported Bodily Injury claim counts and

claim amounts over recent accident half-years that appeared to be inconsistent with its reported claim counts and claim amounts over prior accident half-years. We learned that the insurer (which we will refer to as Insurer A), changed the way it recorded (and reported to GISA) its Bodily Injury claims – essentially not reporting claims for which it was believed that no loss (indemnity or ALAE) amounts would be paid. This change began during the first half of 2015.²

As respects Insurer A, without any adjustments to recognize its change in reporting, the claim count and claim amount development factors that we select, and hence the ultimate claim counts (frequency) and claim amounts (severity) that we select, would not be appropriate for the accident half-year (2015-2) affected by the change.

Claim Counts

- For accident years through 2015-1, we made no changes to the manner in which we selected development factors and ultimate claim counts as described earlier.
- For accident half-year 2015-2, we adjusted the Industry claim count triangle to remove Insurer A. We then selected claim count development factors and ultimate claim counts for this semester based on the Industry data excluding Insurer A, added in the ultimate claim counts we selected for Insurer A³, combined the two estimates of ultimate claim counts, and then backed into the claim count development factor for this semester.

Claim Amounts

- For accident years through 2015-1, we made no changes to the manner in which we selected development factors and ultimate claim amounts as described earlier.

² We also found an insurer that changed the way it recorded and reported Bodily Injury claims to GISA beginning in 2008. The effect was a reduction in reported claim frequency by approximately 75% and a significant increase in its reported claim severity. As this change in reporting has been consistent since 2008, and our selected trend rate (as discussed below in the trend section) is based on data after 2008, we made no adjustments for this insurer.

³ Insurer A's actuaries were unable to provide an estimate of the number of claims that would have been reported had no changes been made to claim reporting /recording practices. We, therefore, assumed Insurer A would have experienced the same change in claim frequency from 2014-2 to 2015-2 as the rest of the Industry.

- For accident half-year 2015-2, we adjusted the Industry claim amount triangle to remove Insurer A. We then selected claim amount development factors and ultimate claim amounts for this semester based on the Industry data excluding Insurer A, added in the ultimate claim amounts we selected for Insurer A⁴, combined the two estimates of ultimate claim amounts, and then backed into the claim amount development factor for this semester.

Exhibit 2, attached, presents our selected cumulative claim count and claim amount development factors which includes the noted adjustments for Insurer A.

We note that as a result of these selected development factors and the actual experience that has emerged, our estimated ultimate claim counts and ultimate claim amounts have changed from our prior estimates, and these changes contribute to the changes in our selected trend rates.

Selection of Trend Rates

The identification of the underlying trend patterns over the experience period is challenging because factors such as statistical fluctuation in the data points, changes in the underlying exposure, or abnormal weather conditions, etc., can make the underlying trend patterns difficult to discern. For this reason, we model the data several different ways in an attempt to identify the underlying trends during the experience period - over time periods that are longer than the experience period as a means of increasing the stability/reliability of the data being analyzed, but at the same time being responsive to changes in patterns that may have occurred, and with and without certain data points to improve our understand of the sensitivity of the calculated loss trend rate to the inclusion or exclusion of those points.

Time Period Considered

We present the experience by accident half-year, spanning the period 2001-1 to 2015-2, but in selecting past trend rates we give greater consideration to the experience over the more recent years.

⁴ *Insurer A's actuaries were unable to provide an estimate of the claim amounts that would have been reported had no changes been made to claim reporting /recording practices. We, therefore, assumed Insurer A would have experienced the same change in claim severity from 2014-2 to 2015-2 as the rest of the Industry.*

Seasonality

Some coverages exhibit what is referred to as “seasonality” – where claim costs (number of claims or claim amounts) incurred during the first half of a year are generally higher/lower than claim costs incurred during the second half of a year. In the coverage-by-coverage discussion that follows, we state whether or not seasonality is applied. We note, however, that we find that seasonality may be significant for some, but not all time periods; or significant for loss cost, or severity, or frequency, but not for all three. Hence, for most coverages we present the measured trends with and without applying seasonality.

Reforms

The purpose of a reform parameter is to isolate and, in a sense, remove the impact that reforms had on the level of claim costs so that the underlying claim cost trend can be identified.

- For Bodily Injury, we give special consideration to the 2008-1 to 2010-1 period where challenges to the Minor Injury Regulations (MIR) may have had an impact on the claims experience, which was then followed by the changes to the MIR in April 2010. In particular:
 - We give consideration to a possible change in reporting pattern that might have occurred beginning January 2008 as a result of challenges to the Minor Injury Regulations - in particular, the Decision by the Supreme Court of Nova Scotia to uphold the Minor Injury Regulation released on December 15, 2009, and the Supreme Court of Canada’s Decision on May 27, 2010 to refuse leave to appeal the Decision.
 - We give consideration to Bill 52, an amendment to the Automobile Accident Minor Injury Regulations of the Insurance Act, enacted on April 28, 2010.
- We give consideration to the Fair Act Insurance Reforms enacted on April 1, 2012, which introduced higher maximum benefit levels for Accident Benefits sub-coverages.
- Effective April 1, 2013, the DCPD coverage was introduced in Nova Scotia. We give consideration to this change in our selected trend rates for both Property Damage (which includes DCPD) and Collision.

Data Points

We give special consideration to data points that we consider to have a material impact on the measured trends. Of note is that for certain coverages there were large increases in frequency in the 2015-1 accident period. We believe these increases to be at least in part (perhaps mostly) attributed to the relatively high amount of snow precipitation in the first quarter of 2015.

Consideration of Severity, Frequency, and Loss Cost Trend Patterns

We consider the observed severity, frequency, and loss cost trend patterns. In so doing we consider the results of statistical tests that we apply. As respects the Adjusted R-square, we generally refer to values of 80% greater to be “high,” values between 40% and 80% to be “moderate,” and values below 40% to be “low.” We consider p-values under 5% to be “significant.” The confidence interval range presented represents a 95% probability level range.

Future Trend Rates

In selecting future trend rates, if appropriate, we adjust our selected past trend rates after giving consideration to the reforms changes that have occurred over the recent past if there is evidence of new patterns emerging.

A discussion of our selected trend rates follows. The various trend patterns that we review and associated statistical results are summarized in Exhibit 3 for each of frequency, severity, and loss cost.

Our Selected Trend Rates

Bodily Injury

Based on our analysis as of June 30, 2015, we selected a past loss cost trend rate of -6.0% for the period up to and including December 31, 2008, and +0.5% for the period from January 1, 2009 and onward.

We estimate that during 2015-2 compared to the prior corresponding accident half year (2014-2) the frequency rate, the average severity, and the loss cost changed by approximately +7.0%, +11.3%, and +19.1%, respectively. We estimate that the loss cost for the accident year ending

December 31, 2015 increased by 13.0% over the loss cost for the accident year ending December 31, 2014.⁵

The following graphs display our estimate of the actual loss cost (average claim cost per vehicle), average severity (average claim cost per claim), and frequency rate (average claim incidence rate) over the period 2001-1 through 2015-2.



As depicted by the above graphs, the Bodily Injury loss cost sharply declined following the 2003 reforms through to accident year 2008, when it experienced another sharp decline, by approximately 21%, from 2007 to 2008. The 2008 loss cost represents the low point over the last ten years. Loss cost has generally exhibited an increasing trend since 2008 - including relatively large increases in 2009, 2010-1, and 2011-2. Severity also sharply declined following the 2003 reforms, but remained relatively flat from 2005 through 2009-1, after which it has since generally increased - including relatively large increases in 2009-2, 2010-1, and 2011-2. Frequency has exhibited a declining pattern over the last fifteen years, with a larger declining trend prior to 2008, a sharp decline in 2008, and lower declining trend thereafter - including relatively large increases in 2009 and 2015-1.

An increase in the minor injury cap (from \$2,500 to \$7,500) took effect on April 28, 2010. In our study prepared for the Nova Scotia Superintendent of Insurance, “Cost Implications of Changes to the Minor Injury Regulations,” dated May 12, 2010, we estimated that Bodily Injury severity and loss cost would increase by approximately 17% as a result of the increase to the minor injury cap. We had since revised our estimate to +23% based on the experience that has

⁵ These changes reflect the noted adjustments made for Insurer A.

emerged. Following a similar analysis as presented in our prior reports (and discussed more fully in the reform section), we continue to estimate the impact of the increase in the minor injury cap to be +23%. However, we note that the reform impact is not evidenced in the 2010-2 severity, which is lower than the 2009-2 severity.

We also note that indexing of the \$7,500 minor injury cap is likely affecting the severity and loss cost trends.

We further note that although we expected the April 1, 2012 increase in the Accident Benefits sub coverage limits to reduce the Bodily Injury claim costs (all else being equal), at this stage there is no clear evidence of this. As in our prior review, we do not adjust the data for this expected decrease in the Bodily Injury claim costs. The effect on Bodily Injury as a result of the changes to the Accident Benefits sub coverage limit changes is discussed in our report prepared for the Board titled “2011 Automobile Insurance Review Options- Cost Impact,” dated July 8, 2011.

In prior reports we stated that the cause of the sharp frequency decline in 2008 is not clear. Our review of the experience of each of the top ten insurers suggests that the decline is not confined to just one or two insurers. The previously noted change in claim reporting by one insurer contributes to the decline, but several other insurers had frequency declines of 10% or more. We note that in 2008 claim frequency also declined for Collision and Property Damage, but not to the same degree as Bodily Injury. So, the decline may be due to a change in other external factors and conditions that affected frequency. There may very well be other contributing factors such as the pending (at the time) court challenge (claimants waiting for the court decision before submitting claims), a continuation of the forces that caused Bodily Injury frequency to have been in decline for a number of years, or random variation. Given the unexplained sharp decline, we consider 2008 to be a low point and note that it coincides with a change in the Bodily Injury loss cost trend pattern.

The measured severity, frequency, and loss cost trends, associated Adjusted R-square values, p-values, and confidence intervals over various trend measurement periods ending 2015-2, 2015-1, and 2014-2 (in consideration of the relatively higher degree of uncertainty surrounding the estimated loss cost for 2015-2 and the adverse first quarter 2015 weather conditions), including a +23% adjustment to reflect our estimate of the impact of the April 2010 reforms, with and without seasonality, and with and without the 2010-2 data point are presented in Exhibit 3.

We make the following observations about these measured trends.

Seasonality is significant for severity. The severity trends with seasonality and including 2010-2 generally fall in the range of +4% to +7% with moderate Adjusted R-squares and significant p-values; with some differences among the three trend period end dates. When the 2010-2 data point is excluded, the measured trends are somewhat lower for the trend periods that begin prior to 2010-2, with higher Adjusted R-squares and lower (more significant) p-values.

We select a severity trend rate of +5.0% based largely on the measured trend over the period 2009-1 to 2014-2, excluding 2010-2, with seasonality.

Seasonality is also significant for frequency. The frequency trends with seasonality, and including 2010-2 generally fall in the range of -1% to -3.0% with moderate Adjusted R-squares and generally significant p-values particularly for the trend periods ending 2014-2. The exclusion of the 2010-2 data point has little impact on the measured trends.

We select a frequency trend rate of -2.5% also based largely on the measured trend over the period 2009-1 to 2014-2, with seasonality.

Based on the separate frequency and severity selections, and we select a past loss cost trend rate of **+2.5%**.

As we see no clear evidence of a recent change in trend pattern, we select a future loss cost trend of **+2.5%**.

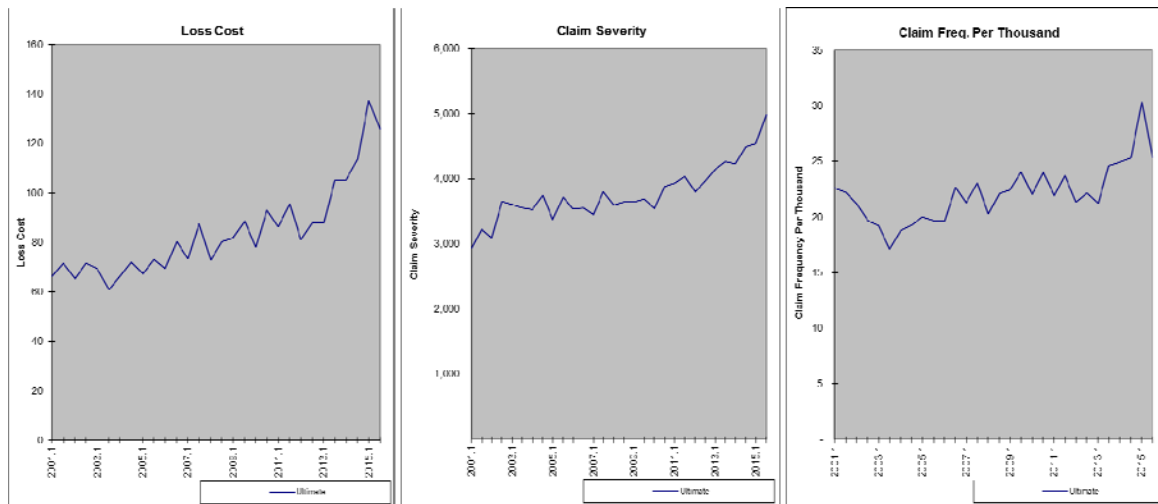
Property Damage (and DCPD)

Based on data as of June 30, 2015, we selected a past and future loss cost trend rate of +2.0%.

We estimate that during 2015-2, as compared to 2014-2, the frequency rate, the average severity, and the loss cost changed by approximately -0.1%, +10.7%, and +10.6%, respectively. We estimate that the loss cost for the accident year ending December 31, 2015 increased by 20% over the loss cost for the accident year ending December 31, 2014. While the loss cost for each of accident semesters 2015-1 and 2015-2 increased, the larger increase occurred in 2015-1 (+30%); we assume that this sharp increase is largely due to the relatively high amount of snow precipitation during the first quarter of 2015.

DCPD was introduced April 1, 2013 in Nova Scotia, and the DCPD data is currently included with Property Damage.

The following graphs display our estimate of the actual loss cost (average claim cost per vehicle), average severity (average claim cost per claim), and frequency rate (average claim incidence rate) over the period 2001-1 through 2015-2.



The historical data points (as depicted in the above graphs) show that (a) following a period of relative flatness (2003 to 2010-1) severity has generally exhibited an upward trend, including a relatively large increase in 2013, (b) following a period of a relatively flat trend between 2007 and the first half of 2013, frequency began to increase at a higher rate, with a sharp increase in the first half of 2015, and (c) loss cost has exhibited a small upward trend, including a decline in 2012, but increased sharply in the first half of 2015. We assume that the introduction of DCPD in April 2013 caused a shift in claims from Collision to DCPD and this explains the increase in the loss cost beginning in 2013. And, as noted earlier, we suspect the increase in the first half of 2015 is attributed to the relatively high amount of snow precipitation during the first quarter of 2015.

The measured severity, frequency, and loss cost trends, associated Adjusted R-square values, p-values, and confidence intervals over various trend measurement periods, with and without seasonality for loss cost, severity, and frequency, with and without a reform (level change) parameter at April 1, 2013, and with and without the 2015-1 data point are presented in Exhibit 3.

The regression statistics for the measured severity trends ending 2015-2 show the reform parameter at April 1, 2013 is only significant for the trend periods beginning 2006 and prior. When the parameter is included there isn't a material difference in the regression statistics or measured trends whether or not 2015-1 is excluded. Seasonality is only significant when the reform parameter is included and only over trend periods beginning 2007 and prior. Seasonality is generally significant over trend periods ending 2012-2. Only the measured severity trends for periods beginning 2006-1 and ending 2015-2 have significant p-values for time, seasonality, and the reform – and these trends are about +2%.

As respects frequency, the reform and seasonality parameters are both only significant, generally, when 2015-1 is excluded, but with non-significant p-values for time. Without seasonality, the reform parameter is not significant; without the reform parameter, seasonality is significant, generally, only when the 2015-1 data point is excluded, but with p-values for time that are only significant over trend periods beginning 2008 and prior.

Given these results, we consider the loss cost trend rates.

For loss cost, the reform, seasonality, and time parameters are all only significant, generally, for trend periods beginning 2007 and prior when 2015-1 is excluded. Without seasonality, the reform and time parameters are only significant for trend periods beginning 2007 and prior – whether or not 2015-1 is included; without the reform parameter, both seasonality and time are significant only when the 2015-1 data point is excluded and only for trend periods beginning 2010 and prior.

We select a past loss cost trend of **+2.5%** and a level change factor of +1.16 at April 2013 based on the measured trend over the periods beginning 2006 and 2007 with seasonality and excluding 2015-1.

As we see no clear statistical evidence of a recent change in trend pattern, we select a future loss cost trend of **+2.5%**.

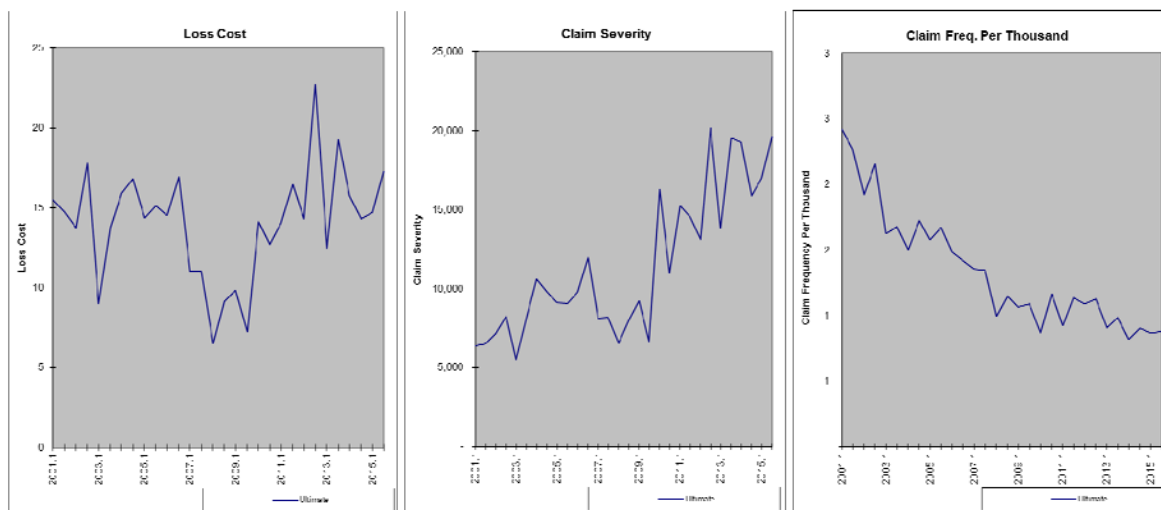
Accident Benefits – Disability Income

Based on data as of June 30, 2015, we selected a past and future loss cost trend rate of -2.5%.

We estimate that during 2015-2, as compared to 2014-2, the frequency rate, the average severity, and the loss cost changed by approximately -2.6%, +23.7%, and +20.5%, respectively. We estimate that the loss cost for the accident year ending December 31, 2015 increased by 6.6% over the loss cost for the accident year ending December 31, 2014.

Effective April 1, 2012, the Disability Income weekly benefit was increased from \$140 to \$250, and for unpaid housekeepers from \$70 to \$100.

The following graphs display our estimate of the actual loss cost (average claim cost per vehicle), average severity (average claim cost per claim), and frequency rate (average claim incidence rate) over the period 2001-1 through 2015-2.



The historical data points indicate a considerable amount of variability, particularly for severity and loss cost (due to severity). Severity has generally exhibited an upward trend with a sharp increase in 2010 (+76% from 2009-1 to 2010-1) following a three year period of relatively low severities, and in the second half of 2012 (immediately following the reform). Frequency has generally exhibited a downward trend that leveled off somewhat beginning in 2010. Loss cost has generally been increasing since 2008; and, like severity, has experienced sharp increases in 2010 and in the second half of 2012 and considerable variability.

Given the variability in the severity and loss cost data points, we continue to select the reform parameter of 1.43 that we calculated and presented to the Board in our July 2011 report.

The measured severity, frequency, and loss cost trends, associated Adjusted R-square values, p-values, and confidence intervals over various trend measurement periods, with and without seasonality, with pre-April 2012 severities increased by 43%, and with and without the 2010-1 data point are presented in Exhibit 3.

The measured severity trends without seasonality (which is not significant) and including the 2010-1 data point, generally range from +4% to +7%, with generally low Adjusted R-squares but significant p-values. There is little difference in the measured trends or regression statistics when 2010-1 is excluded. In light of the considerable variation in severity and the relatively wide confidence intervals over the more recent trend periods, we give greater consideration to the measured longer term trends. We select a severity trend of +5.0%.

The measured frequency trends with seasonality (which is significant) and including the 2010-1 data point, generally range from -6% to -3.5%, with generally moderate to high Adjusted R-squares and significant p-values. Other than somewhat stronger p-values, there is little difference in the measured trends or regression statistics when 2010-1 is excluded. We select a frequency trend of -5% based on the measured frequency trends over the longer term time periods.

As a result, we select a past loss cost trend rate of **+0.0%**, with a level change parameter at April 2012 of **1.43**.

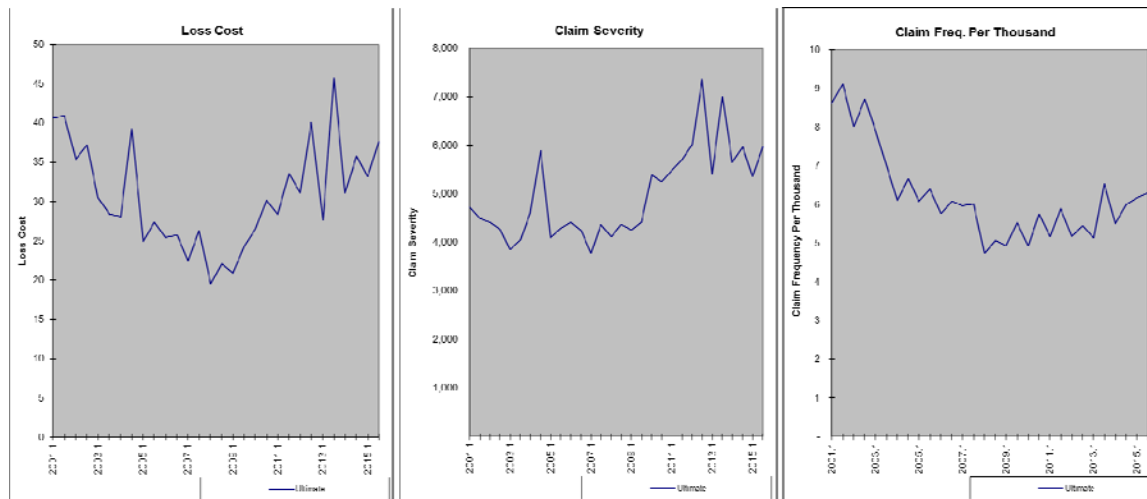
As we see no clear statistical evidence of a recent change in trend pattern, we select a future loss cost trend of **+0.0%**.

Accident Benefits – Medical/Rehab

Based on data as of June 30, 2015, we selected a past and future loss cost trend rate of +2.5%.

We estimate that during 2015-2, as compared to 2014-2, the frequency rate, the average severity, and the loss cost changed by approximately +5.1%, +0.1%, and +5.2%, respectively. We estimate that the loss cost for the accident year ending December 31, 2015 decreased by 5.7% over the loss cost for the accident year ending December 31, 2014.

The following graphs display our estimate of the actual loss cost (average claim cost per vehicle), average severity (average claim cost per claim), and frequency rate (average claim incidence rate) over the period 2001-1 through 2015-2.



The historical data points indicate a considerable amount of variability, particularly for severity and loss cost (due to severity). Severity has generally exhibited an upward trend, but with sharp increases in 2010 and upward spikes (increase followed by decreases) in the second halves of 2012 and 2013. Frequency has trended upward since 2009.

The relatively large severity increase in 2010 and that a level change parameter at April 2010 of approximately 1.25 is statistically significant, suggests that it is attributed to the increase in the Bodily Injury minor injury cap. We, therefore, continue to select the severity level change parameter of 1.25 (the same as we selected in our prior study and discussed more fully in the Reform section below) to reflect the impact of Bill 52 enacted in April 2010.

The combination of variable data and the short time frame between the April 2010 and April 2012 reforms make it difficult to clearly distinguish between these two reforms. For this reason, along with our assumption that the increase in the maximum benefit level from \$25,000 to \$50,000 would have an effect on costs, we continue to select a severity level change factor of

1.15⁶ to reflect the April 2012 reform, consistent with our July 2011 report prepared for the Board.

The measured severity, frequency, and loss cost trends, associated Adjusted R-square values, p-values, and confidence intervals over various trend measurement periods, with and without seasonality, and with historical severities increased by (a) 25% for the April 2010 reform, and (b) 15% for the 2012 reform are presented in Exhibit 3.

The measured severity trends without seasonality (which for the most part is not significant) generally range from -3% to +0%; however, the regression statistics are very weak. We select a severity trend of +0%.

The measured frequency trends with seasonality (which is significant) beginning 2008 cluster around +3% with moderate Adjusted R-square values and significant p-values. We select a frequency trend of +3%.

As a result, we select a past loss cost trend rate of **+3.0%**, with severity level change parameters at April 2010 of **1.25** and April 2012 of **1.15**.

As we see no clear statistical evidence of a recent change in trend pattern, we select a future loss cost trend of **+3.0%**.

Accident Benefits – Funeral

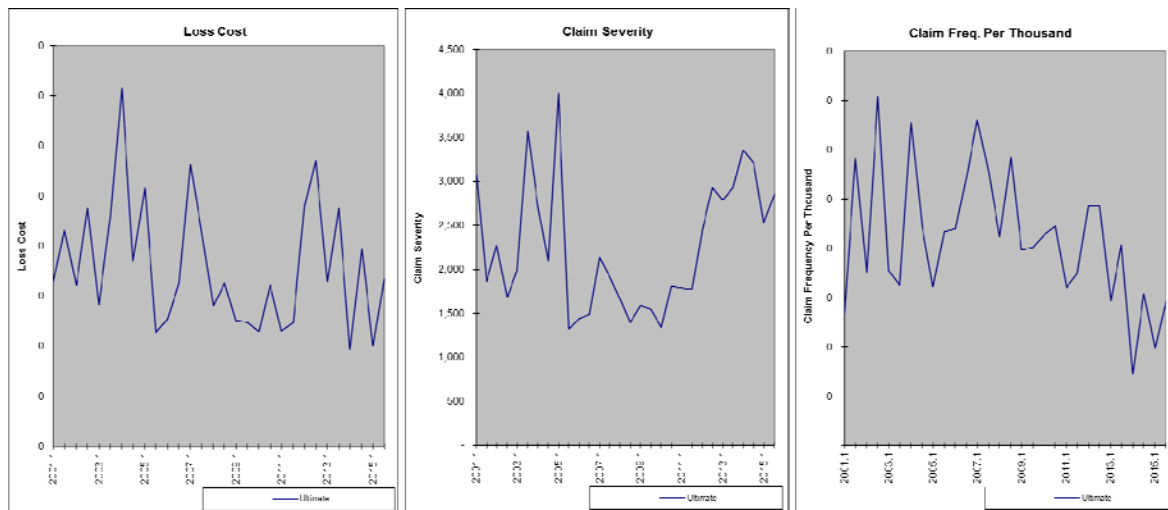
Based on data as of June 30, 2015 we selected a past and future loss cost trend rate of -5.0%.

We estimate that during 2015-2, as compared to 2014-2, the frequency rate, the average severity, and the loss cost changed by approximately -5.2%, -10.9%, and -15.6%, respectively. We estimate that the loss cost for the accident year ending December 31, 2015 decreased by 9.4% over the loss cost for the accident year ending December 31, 2014.

⁶ Due to the limited data and the short time frame between the April 2010 and April 2012 reforms, we find the statistical regression results are unable to distinguish and measure the effect of the April 2012 reforms. However, we find it is unlikely that the change in benefit level from \$25,000 to \$50,000 did not have an effect on costs. Therefore, we continue to include an adjustment to the experience data for the April 2012 reforms.

Effective April 1, 2012, the Funeral maximum benefit was increased from \$1,000 to \$2,500.

The following graphs display our estimate of the actual loss cost (average claim cost per vehicle), average severity (average claim cost per claim), and frequency rate (average claim incidence rate) over the period 2001-1 through 2015-2.



The historical data points indicate a considerable amount of variability. Severity has generally exhibited an upward trend since 2005 with a sharp increase coincident with the reform. Frequency has generally trended downward.

Due to the volume and variability of the claim experience, we consider only the observed loss cost trends.

The measured loss cost trends, associated Adjusted R-square values, p-values, and confidence intervals over various trend measurement periods, with and without seasonality, and with a factor of 2.5⁷ for the April 2012 reform applied to the data are presented in Exhibit 3.

Given the low claim volume and high degree of variability, we continue to select a past and future loss cost trend of -5.0%.

⁷ As presented in Exhibit 3, the measured reform factors are in the range of the 2.5 factor we apply to the data.

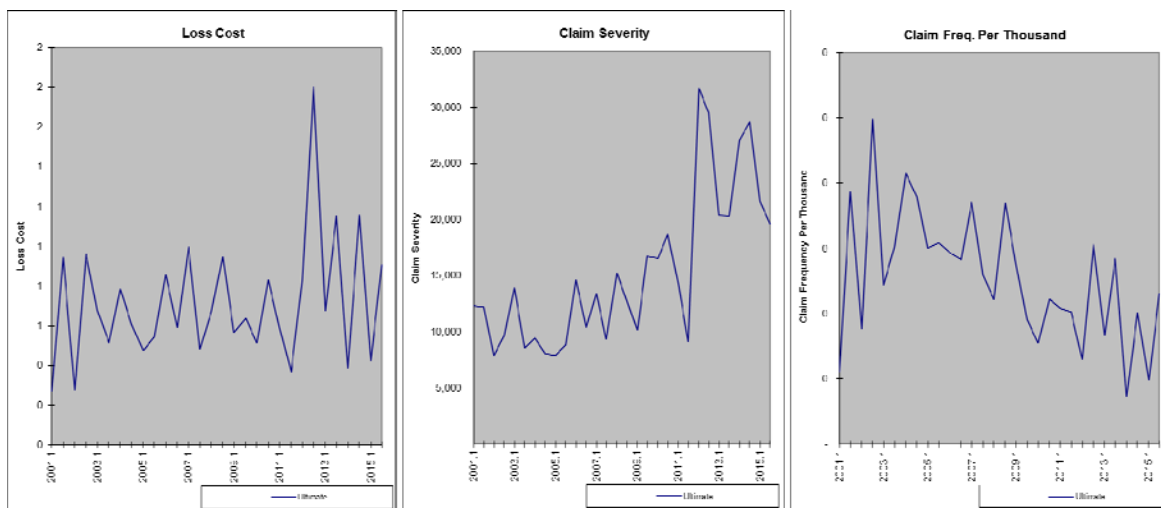
Accident Benefits – Death

Based on data as of June 30, 2015, we selected a past and future loss cost trend rate of 0.0%.

We estimate that during 2015-2, as compared to 2014-2, the frequency rate, the average severity, and the loss cost changed by approximately +14.8%, -31.7%, and -21.6%, respectively. We estimate that the loss cost for the accident year ending December 31, 2015 decreased by 14.1% over the loss cost for the accident year ending December 31, 2014.

Effective April 1, 2012, the Death maximum benefit was increased from \$10,000 to \$25,000 for spouses and head-of-household, and from \$2,000 to \$5,000 for dependents.

The following graphs display our estimate of the actual loss cost (average claim cost per vehicle), average severity (average claim cost per claim), and frequency rate (average claim incidence rate) over the period 2001-1 through 2015-2.



The historical data points indicate a considerable amount of variability. Severity has generally exhibited an upward trend with a sharp increase coincident with the reform. Frequency has generally trended downward.

Due to the volume and variability of the claim experience, we consider only the observed loss cost trends.

The measured loss cost trends, associated Adjusted R-square values, p-values, and confidence intervals over various trend measurement periods, with no seasonality, and with a factor of 2.5⁸ for the April 2012 reform applied to the data are presented in Exhibit 3.

Given the low claim volume and high degree of variability, we continue to select a past and future loss cost trend of +0.0%.

Accident Benefits –Total

Based on our review of the trends for the Accident Benefits subcoverages described above, we select an approximate past and future loss cost trend of +2.0% for this coverage.

Collision

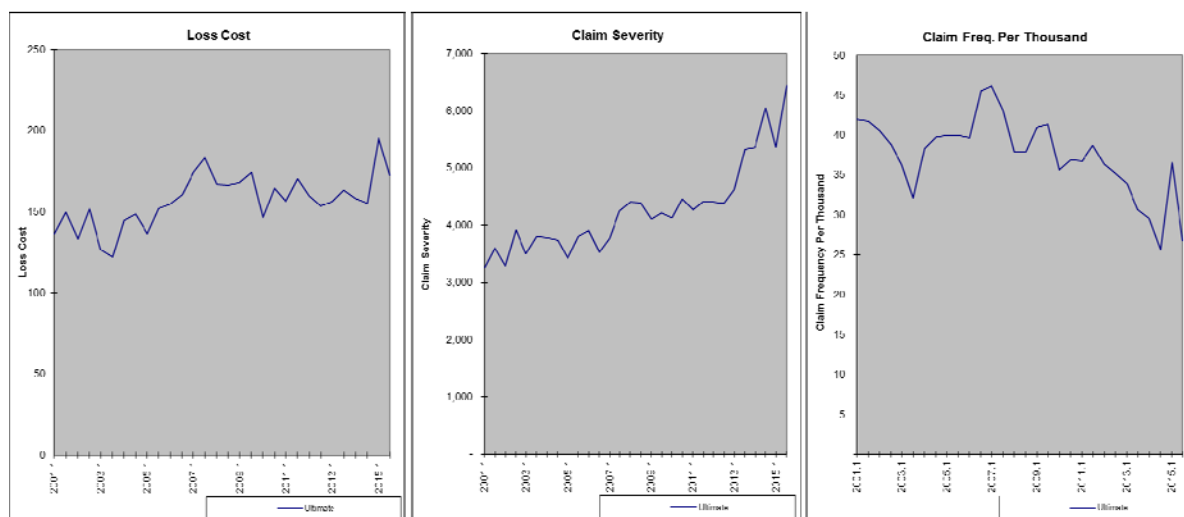
Based on data as of June 30, 2015, we selected a past and future loss cost trend rate of +0.5%.

We estimate that during 2015-2, as compared to 2014-2, the frequency rate, the average severity, and the loss cost changed by approximately +4.3%, +6.4%, and +11.1%, respectively. We estimate that the loss cost for the accident year ending December 31, 2015 increased by 17.2% over the loss cost for the accident year ending December 31, 2014; which, is attributed to a sharp increase in frequency that we assume is largely due to relatively high amount of snow precipitation during the first quarter of 2015.

As we noted earlier, DCPD was introduced April 1, 2013 in Nova Scotia, and the DCPD data is currently included with Property Damage.

The following graphs display our estimate of the actual loss cost (average claim cost per vehicle), average severity (average claim cost per claim), and frequency rate (average claim incidence rate) over the period 2001-1 through 2015-2.

⁸ As presented in Exhibit 3, the measured reform factors are in the range of the 2.5 factor we apply to the data.



The historical data points show that severity has generally exhibited an upward trend including double digit increases in the second halves of 2013, 2014, and 2015 (over the first half of the same year). The increase in 2015-2 appears to in part be attributed to the relatively low average severity in 2015-1, which may very well be due to the weather conditions (a higher percentage of smaller claims). Frequency has generally declined since the 2007-2009 period, save for a 42% increase in the first half of 2015, which we assume is attributed to the noted weather conditions.

The measured severity, frequency, and loss cost trends, associated Adjusted R-square values, p-values, and confidence intervals over various trend measurement periods, with and without seasonality, with and without a level change parameter at April 1, 2013, and with and without the 2015-1 data point are presented in Exhibit 3.

Seasonality is generally not significant for severity or frequency.

The regression statistics for the measured severity trends show the time and reform parameters only significant for the trend periods beginning 2006, and for these time periods the measured severity trend is about +2.5% and the reform parameter is about 1.20. When the reform parameter is included there isn't a material difference in the regression statistics or measured trends whether or not 2015-1 is excluded.

The regression statistics for the measured frequency trends show the time and reform parameters only significant, generally, for the trend periods beginning 2009 and prior and with 2015-1 excluded. For these time periods the measured frequency trend is about -3.0% and the reform parameter is about 0.85.

As a result, we select a past loss cost trend of **-0.5%** with a severity level change parameter at April 1, 2013 of **1.00** (rounded).

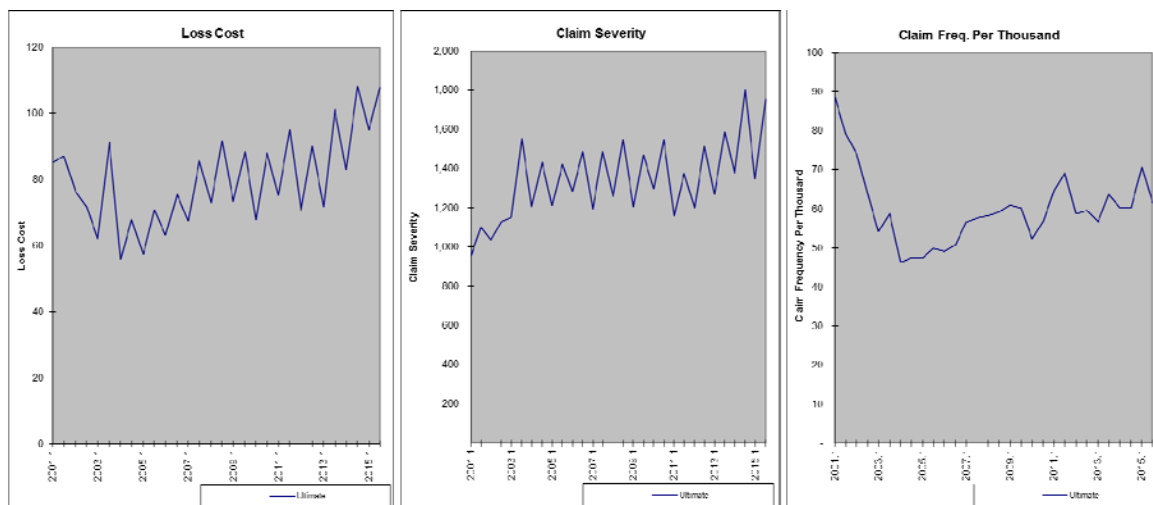
As we see no clear statistical evidence of a recent change in trend pattern, we select a future loss cost trend of **-0.5%**.

Comprehensive

Based on data as of June 30, 2015, we selected a past and future loss cost trend rate of +3.5%.

We estimate that during 2015-2, as compared to 2014-2, the frequency rate, the average severity, and the loss cost changed by approximately +2.2%, -2.5%, and -0.3%, respectively. We estimate that the loss cost for the accident year ending December 31, 2015 increased by 6.0% over the loss cost for the accident year ending December 31, 2014.

The following graphs display our estimate of the actual loss cost (average claim cost per vehicle), average severity (average claim cost per claim), and frequency rate (average claim incidence rate) over the period 2001-1 through 2015-2.



The historical data points (as depicted in the above graphs) show that severity has generally exhibited an upward trend, although somewhat of a flat trend between 2003 and 2010, and, following about rather sharp decline in 2011, a higher trend thereafter. Frequency has been more variable, but generally increasing since 2005; like Property Damage and Collision, the Comprehensive frequency rose in the first half of 2015 (by 17%).

The measured severity, frequency, and loss cost trends, associated Adjusted R-square values, p-values, and confidence intervals over various trend measurement periods, with and without seasonality, with and without the 2015-1 data point, are presented in Exhibit 3.

The measured severity trend with seasonality (which is significant) and with the 2015-1 data point over the period 2012-1 to 2015-2 (following a 10% decline in 2011) is +5% with strong regression statistics. With the 2015-1 data point excluded the measured trend is +6.1%, also with strong regression statistics. We select a severity trend of +5.5%.

Although, as noted above frequency has exhibited a positive trend since 2005, it has done so with considerable variability. Over the same trend period upon which our selected severity trend is based, without seasonality (which is not significant), the measured frequency trend is +3.2% with 2015-1 included and +1.4% with 2015-1 excluded; however, the regression statistics are weak. We, therefore, select a frequency trend of +0.0%.

As a result, we select a past loss cost trend of **+5.5%**.

As we see no clear statistical evidence of a recent change in trend pattern, we select a future loss cost trend of **+5.5%**.

Specified Perils

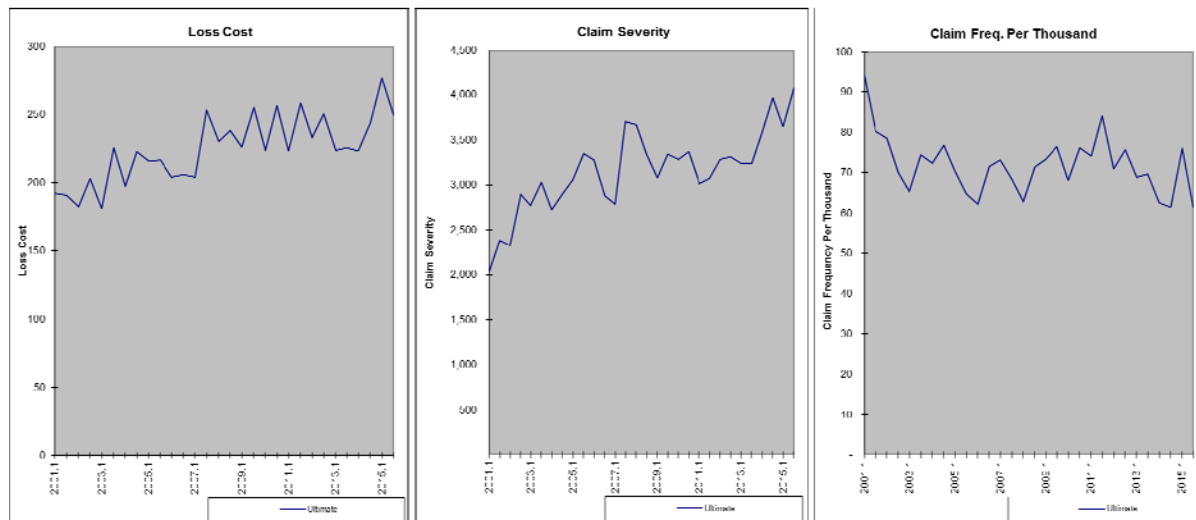
For reasons of data volume and the nature of the coverage, we select the same past and future loss cost trend rate as we do for Comprehensive, **+5.5%** for the past and the future.

All Perils

Based on data as of June 30, 2015, we selected a past and future loss cost trend rate of +0.0%.

We estimate that during 2015-2, as compared to 2014-2, the frequency rate, the average severity, and the loss cost changed by approximately +0.0%, +2.5%, and +2.5%, respectively. We estimate that the loss cost for the accident year ending December 31, 2015 increased by 12.5% over the loss cost for the accident year ending December 31, 2014.

The following graphs display our estimate of the actual loss cost (average claim cost per vehicle), average severity (average claim cost per claim), and frequency rate (average claim incidence rate) over the period 2001-1 through 2015-2.



The historical data points (as depicted in the above graphs) show considerable variability, with severity generally increasing – more sharply following a decline in the 2009-2011 period - and frequency exhibiting a flatter trend pattern – but declining beginning in 2011; like Property Damage, Collision, and Comprehensive, frequency rose in the first half of 2015 (by 21%).

The measured severity, frequency, and loss cost trends, associated Adjusted R-square values, p-values, and confidence intervals over various trend measurement periods, with and without seasonality, and with and without the 2015-1 data point, are presented in Exhibit 3.

The measured severity trends without seasonality (which is not significant), with or without the 2015-1 data point, increase rather significantly beginning in 2011 with moderate Adjusted R-square values and significant p-values. We select a severity trend of +6.5% based on the measured trend beginning 2011-1.

The measured frequency trends without seasonality (which is not significant), without the 2015-1 data point (for which the regression statistics are stronger) sharply decline with trend periods beginning in 2011, with moderate Adjusted R-square values and significant p-values. We select a frequency trend of -6.0% based on the measured trends beginning 2011-1 and 2012-1.

As a result, we select a past loss cost trend of **+0.5%**.

As we see no clear evidence of a recent change in trend pattern, we select a future loss cost trend of **+0.5%**.

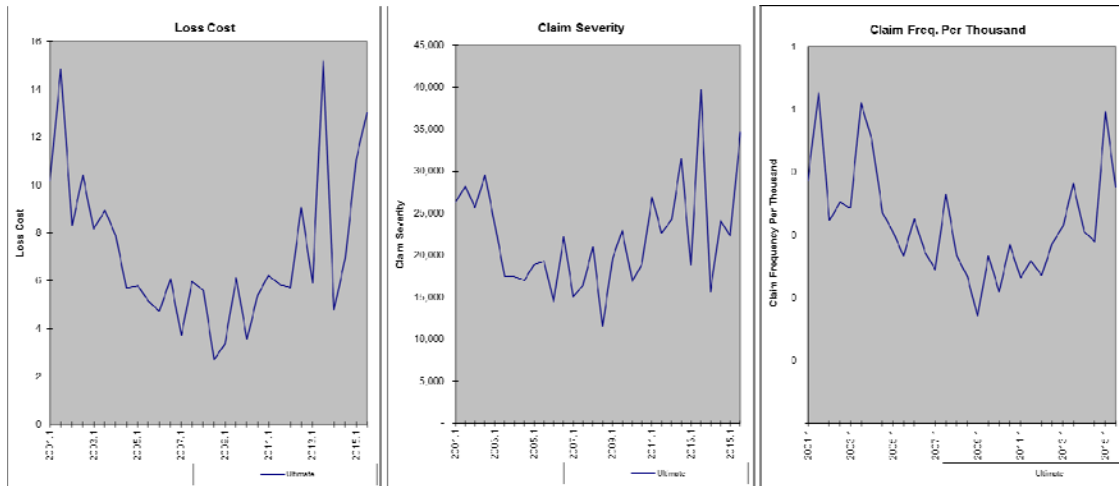
Underinsured Motorist

For reasons of data volume and the nature of the coverage, we select as the past loss cost trend rate, the severity trend rate of **+5.0%** that approximately underlies our selected Bodily Injury severity trend rate.

Uninsured Auto

We estimate that during 2015-2, as compared to 2014-2, the frequency rate, the average severity, and the loss cost changed by approximately +30%, +44%, and +87%, respectively. We estimate that the loss cost for the accident year ending December 31, 2015 increased by 104% over the loss cost for the accident year ending December 31, 2014. While these increases could be viewed as an indication of the inherent variability in the Uninsured Auto claim experience (due to the low claim volume), it must also be noted that the degree of uncertainty surrounding the 2015 estimates is quite high.

The following graphs display our estimate of the actual loss cost (average claim cost per vehicle), average severity (average claim cost per claim), and frequency rate (average claim incidence rate) over the period 2001-1 through 2015-2.



The historical data points show considerable variability, with severity generally increasing – particularly beginning in 2005 – and frequency generally declining through 2009 and increasing thereafter. Correspondingly, loss cost has been generally increasing since 2009.

Due to the volume and variability of the claim experience, we consider only the observed loss cost trends.

The measured loss cost trends, associated Adjusted R-square values, p-values, and confidence intervals over various trend measurement periods, with seasonality for loss cost, with and without the very high 2013-2 data point are presented in Exhibit 3.

We find seasonality to be generally significant for loss cost.

We select a past and future loss cost trend rate of **+8.0%** based on the measured trends beginning 2007-1 and 2008-1 through 2014-2, excluding the 2013-2 data point.

Selected Trend Rates - Summary

The following table presents our selected past and future annual loss cost trend rates **as of December 2015**.

Coverage	Past Loss Cost	Future Loss Cost
Bodily Injury	+2.5%	+2.5%
Property Damage & DCPD	+2.5%	+2.5%
AB – Disability Income	+0.0%	+0.0%
AB – Medical/Rehab	+3.0%	+3.0%
AB – Funeral	-5.0%	-5.0%
AB – Death	+0.0%	+0.0%
AB-Total	+2.0%	+2.0%
Collision	-0.5%	-0.5%
Comprehensive	+5.5%	+5.5%
Specified Perils	+5.5%	+5.5%
All Perils	+0.5%	+0.5%
Underinsured Motorist	+5.0%	+5.0%
Uninsured Auto	+8.0%	+8.0%

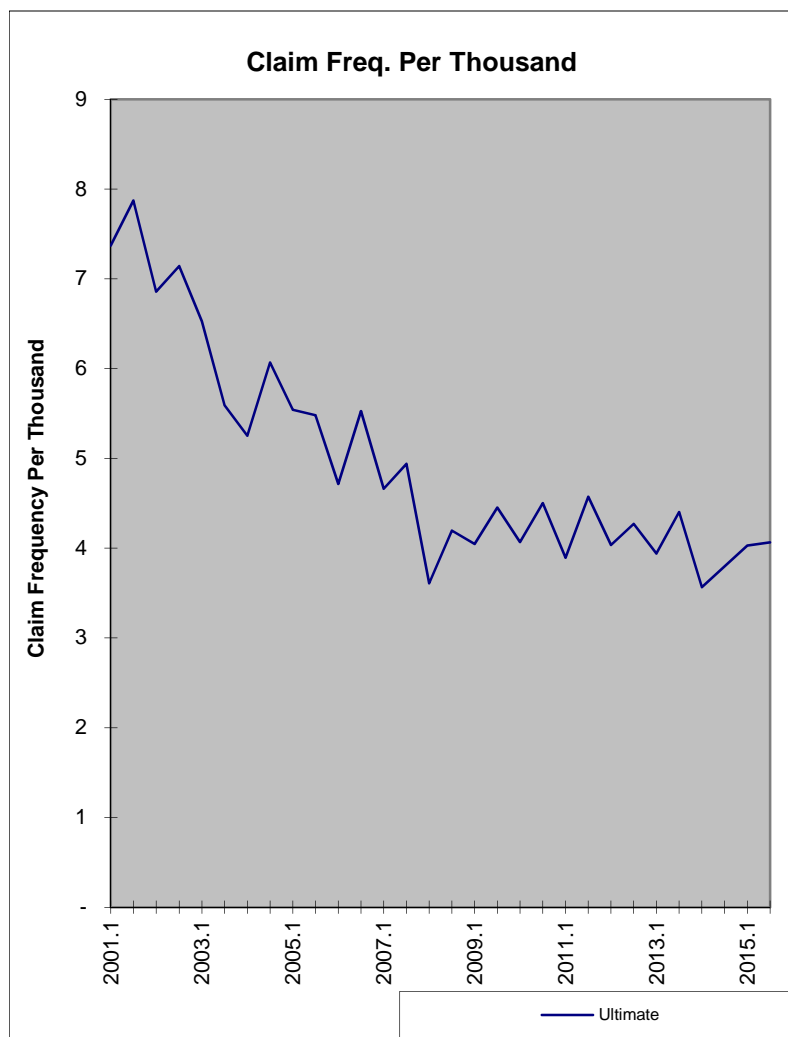
For comparison purposes, the following table presents our **prior** selected past and future annual loss cost trend rates **as of June 2015** presented in our prior report.

Coverage	Past Loss Cost	Future Loss Cost
Bodily Injury	-6.0%/+0.5%	+0.5%
Property Damage	+2.0%	+2.0%
AB – Disability Income	-2.5%	-2.5%
AB – Medical/Rehab	+2.5%	+2.5%
AB – Funeral	-2.0%	-2.0%
AB – Death	+0.0%	+0.0%
AB-Total	+0.0%	+0.0%
Collision	-0.5%	-0.5%
Comprehensive	+3.5%	+3.5%
Specified Perils	+3.5%	+3.5%
All Perils	+0.0%	+0.0%
Underinsured Motorist	+3.0%	+3.0%
Uninsured Auto	+6.0%	+6.0%

Reforms

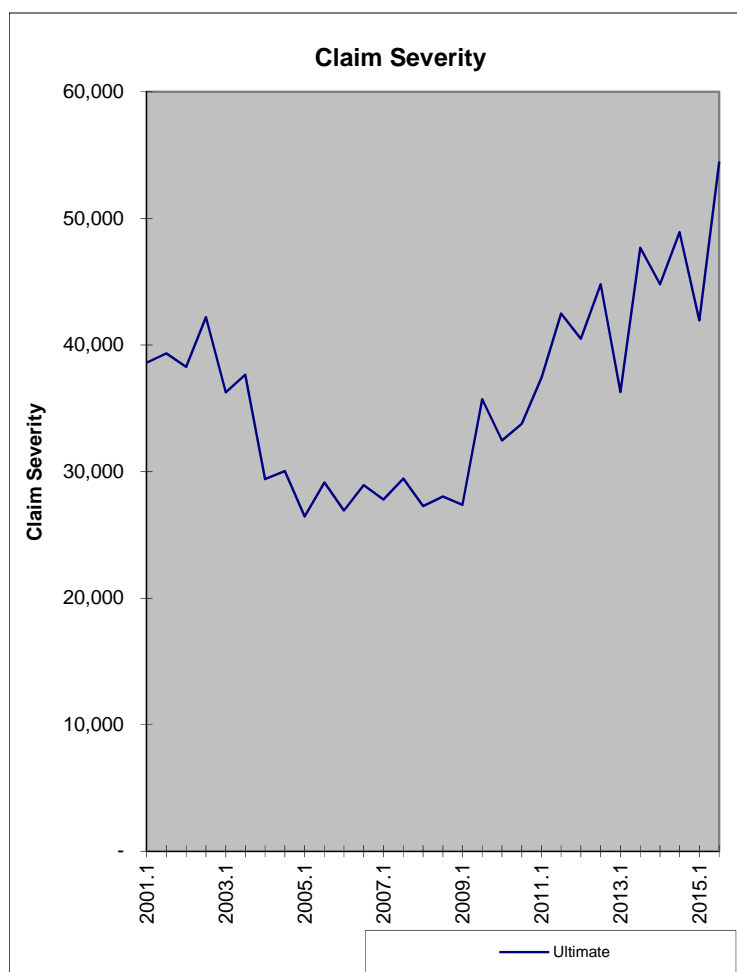
In accordance with Bill 52, Bodily Injury claims that occur on or after April 28, 2010 are subject to a minor injury cap of \$7,500. Bill 52 changed both the amount of the cap and the definition of a minor injury. Following a Hearing on the matter, the Board accepted an initial reform adjustment factor of 1.17 for Bodily Injury, and ordered that the data be monitored as it emerges so as to measure the change, if any, in the loss trend rate and the actual change in loss costs due to Bill 52.

We have reviewed the Industry Bodily Injury experience that has emerged since the Bill 52 reforms were introduced to determine if the initial reform factor of 1.17 should be amended. The Bodily Injury frequency experience over the last fifteen years is presented in the graph below. As depicted in the graph, we do not observe there to have been a change in the frequency level as a result of the introduction of Bill 52 in the first half of 2010. The frequency rate shows a pattern of decline, with a steep decline in 2008. And although the frequency trend rate has been somewhat flatter (smaller negative trend rate) since 2009, just before the reforms were introduced, it is not clear that this smaller negative trend rate is a result of the reforms or a leveling off of the decline in frequency that has been observed in other provinces.



The Bodily Injury severity experience over the last fifteen years is presented in the graph below. As depicted in the graph, we observe there to have been an increase in the severity level as a result of the introduction of Bill 52 in the first half of 2010. So as to avoid any distortion from the Bill 1 (2003-2) reforms, we calculate a reform factor for this change in the severity level based on the experience period 2004-1 to 2015-2 of 1.21, and find this parameter to be significant based on a significant p-value. And due to the uncertainty of the most recent data point, we also calculate a reform factor for this change in the severity level based on the experience period 2004-1 to 2015-1 of 1.24⁹, and find this parameter to be significant based on a significant p-value. Based on this information, we select a parameter of 1.23, the same as our prior selection.

⁹ The calculated reform factor estimate changes depending upon the time period selected and the data exclusions made. For example, it increases to 1.35 based on the data 2004-1 through to 2015-1 when excluding the 2010-2 data point, however the severity trend rate declines to 1.6%.



As noted earlier, the \$7,500 minor injury cap is indexed. The cap increased to \$7,596 on January 1, 2012; to \$8,100 on January 1, 2013; to \$8,213 on January 1, 2014 \$8,352 on January 1, 2015 and \$8,385 on January 1, 2016.

In the case of Medical-Rehabilitation, based on our review of the experience to date, and integration of reform parameters within our loss trend models, we continue to find that there to have been an increase in Medical-Rehab severity following the April 2010 Bodily Injury reforms. Using our regression model we estimate a severity reform factor of 1.24, based on the period from 2005-1 to 2011-2 (before the April 2012 Bill 52 reforms), with an Adjusted R-square of 81%. Similarly, over the time periods 2006-1 to 2011-2, we measure severity reform factors of 1.23, with an Adjusted R-square of 79%. However, while the p-value for the level change parameter at April 2010 is significant in both cases, the p-value for time is not, which is

consistent with our selection of a 0% severity trend rate. We continue to select a reform factor of 1.25, the same as per our prior selection.

In addition to the possible impact of Bill 52 on the Med-Rehab costs, the Fair Insurance Reforms introduce higher Accident Benefit limits effective April 1, 2012 as presented in the following table:

Benefit Category	Previous Benefit	New Benefit (as of April 1, 2012)
Medical and Rehabilitation Expenses	\$25,000	\$50,000
Funeral Expenses	\$1,000	\$2,500
Death Benefits		
Head of Household	\$10,000	\$25,000
Spouse of Head of Household	\$10,000	\$25,000
Dependent	\$2,000	\$5,000
Loss of Income	\$140/week	\$250/week
Principal Unpaid Housekeeper	\$70/week	\$100/week

However, we do not find the data to show any statistically significant measures for the change in benefit level for the April 2012 reforms at this time for Medical-Rehabilitation. This may be because these two changes (April 2010 and April 2012) are so close together. For this reason, we continue to select an estimate of 1.15 for the April 2012 reform, consistent with our July 2011 report prepared for the Board.

In the case of Disability Income, as presented in Exhibit 3, while we measure a significant severity level change factor of 1.43 (over the latest fifteen year period and excluding the 2010-1 data point) for the April 2012 reforms, as the level change value varies depending upon the time frame considered, we choose to continue to select our original April 2012 reform factor of 1.43 and apply this directly to the data.

In Exhibit 3 we present the reform factors that we calculate over various time periods for Funeral and Death Benefits. Given the limited data, and the range of factors that we calculated, our

selected reform factors for Funeral and Death Benefits remain unchanged at 2.5 and 2.5, respectively, at this time.

In our report prepared for the Board dated July 2011, we estimated an approximate Accident Benefits loss cost reform factor of 1.30 and this increase to the Accident Benefits loss cost of approximately \$11 would be partially offset by a reduction to the Bodily Injury loss cost of \$7, for an overall increase of approximately \$4. As these changes were only introduced midway through the first half of 2012, the actual cost impact of these reform remains uncertain. Our reform impact estimates for these benefit level reforms remains unchanged.


As discussed in this report, there appears to have been a shift in claims from the Collision coverage to the PD/DCPD coverage beginning in 2013-1 due to the introduction of the DCPD coverage in April 2013. We estimate a level change factor for PD/DCPD (combined experience) of 1.16 and for Collision of 1.00.

Exhibits

In the Exhibit 1 we present the historical loss cost, severity and frequency data points by accident half year over the fifteen year period 2001-1 to 2015-2, as well as the data points for each coverage.

In Exhibit 2 we present our selected cumulative claim count and claim amount development factors.

In Exhibit 3 we present the summary of the loss trend rates we have calculated over various time periods along with the associated regression statistics.



Paula Elliott, FCAS, FCIA



Theodore J. Zubulake, FCAS, FCIA

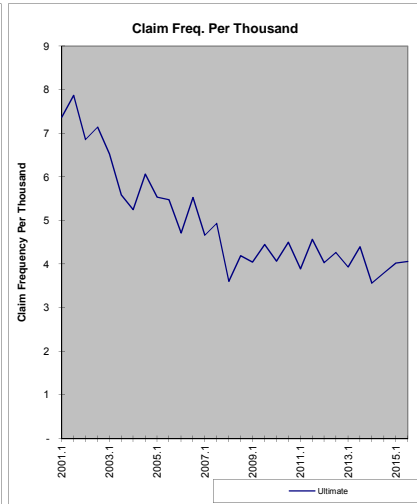
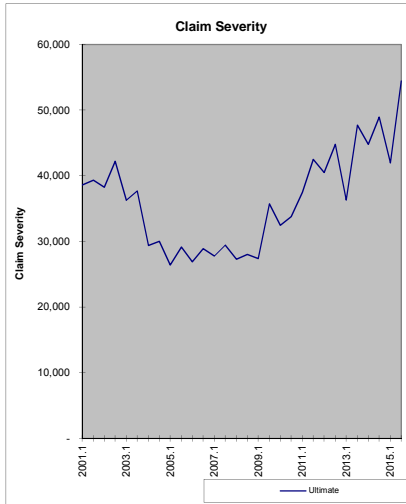
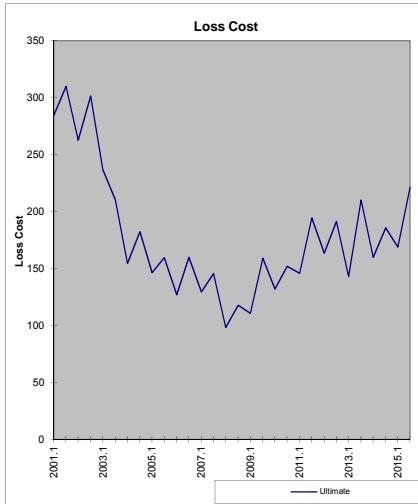


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Third Party Liability - Bodily Injury

Exhibit 1
Page 1

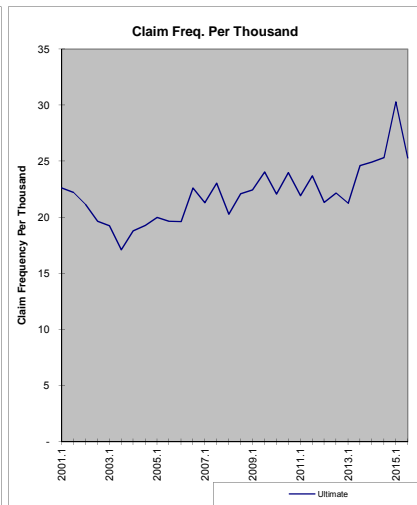
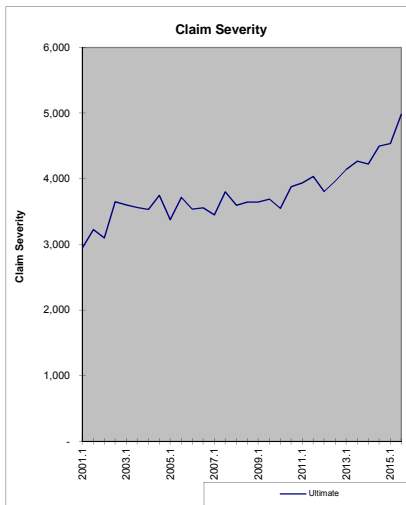
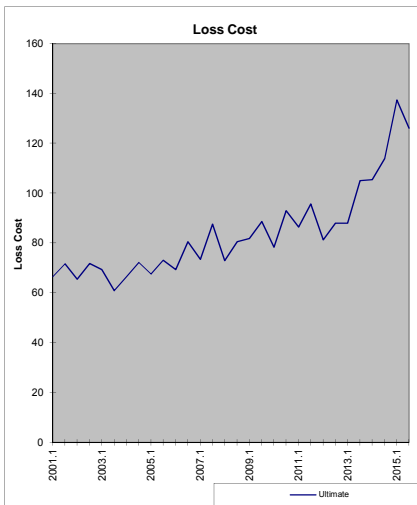
Accident Period	Time x	Earned Exposures	Ultimate Counts	Ultimate Losses	ULAE Adjustment	Ultimate Losses & LAE	Ultimate Loss Cost	% Change Seasonal Accident Half Years	Ultimate Severity	% Change Seasonal Accident Half Years	Ultimate Freq. per 1000	% Change Seasonal Accident Half Years	Annual Loss Cost & LAE	% Change Accident Years
x	2001.1	1	234,169	1,726	62,559	1.065	66,626	284.52	38,601		7.37			
x	2001.2	2	235,513	1,854	68,491	1.065	72,943	309.72	39,344		7.87		297.16	
x	2002.1	3	227,605	1,561	55,478	1.077	59,750	262.52	38,277	-7.7%	6.86	-7.0%		
x	2002.2	4	233,675	1,669	65,415	1.077	70,452	301.50	42,212	-2.7%	7.14	-9.3%	282.26	-5.0%
x	2003.1	5	225,987	1,475	49,635	1.078	53,507	236.77	36,276	-9.8%	6.53	-4.8%		
x	2003.2	6	231,167	1,292	45,142	1.078	48,663	210.51	37,665	-30.2%	5.59	-21.7%	223.49	-20.8%
x	2004.1	7	228,995	1,203	31,022	1.140	35,365	154.44	29,398	-34.8%	5.25	-19.0%		
x	2004.2	8	237,710	1,442	37,992	1.140	43,311	182.20	30,036	-13.4%	6.07	8.5%	168.58	-24.6%
x	2005.1	9	233,246	1,292	31,149	1.097	34,158	146.45	26,438	-5.2%	5.54	5.4%		
x	2005.2	10	242,670	1,330	35,338	1.097	38,752	159.69	29,140	-12.4%	5.48	-9.7%	153.20	-9.1%
x	2006.1	11	238,343	1,124	27,536	1.099	30,248	126.91	26,917	-13.3%	4.71	-14.9%		
x	2006.2	12	247,025	1,365	35,952	1.099	39,493	159.87	28,922	0.1%	5.53	0.9%	143.69	-6.2%
x	2007.1	13	242,643	1,131	28,442	1.105	31,425	129.51	27,789	2.1%	4.66	-1.1%		
x	2007.2	14	251,028	1,240	33,044	1.105	36,511	145.44	29,454	-9.0%	4.94	-10.7%	137.61	-4.2%
x	2008.1	15	248,355	896	22,318	1.095	24,427	98.36	27,274	-24.1%	3.61	-22.6%		
x	2008.2	16	256,856	1,078	27,604	1.095	30,213	117.62	28,034	-19.1%	4.20	-15.0%	108.15	-21.4%
x	2009.1	17	252,193	1,020	25,266	1.106	27,932	110.76	27,374	12.6%	4.05	12.2%		
x	2009.2	18	261,934	1,166	37,674	1.106	41,648	159.00	35,730	35.2%	4.45	6.1%	135.34	25.1%
x	2010.1	19	258,209	1,051	30,790	1.108	34,104	132.08	32,462	19.3%	4.07	0.6%		
x	2010.2	20	270,156	1,216	37,090	1.108	41,083	152.07	33,785	-4.4%	4.50	1.1%	142.30	5.1%
x	2011.1	21	265,300	1,032	34,982	1.105	38,662	145.73	37,454	10.3%	3.89	-4.4%		
x	2011.2	22	273,238	1,249	48,032	1.105	53,085	194.28	42,493	27.8%	4.57	1.6%	170.36	19.7%
x	2012.1	23	268,782	1,085	40,281	1.090	43,919	163.40	40,495	12.1%	4.04	3.7%		
x	2012.2	24	277,927	1,186	48,754	1.090	53,157	191.26	44,805	-1.6%	4.27	-6.6%	177.56	4.2%
x	2013.1	25	271,946	1,071	35,533	1.093	38,854	142.87	36,288	-12.6%	3.94	-2.4%		
x	2013.2	26	280,918	1,237	53,957	1.093	59,001	210.03	47,698	9.8%	4.40	3.2%	177.00	-0.3%
x	2014.1	27	273,987	977	40,301	1.086	43,771	159.75	44,792	11.8%	3.57	-9.4%		
x	2014.2	28	284,035	1,078	48,565	1.086	52,747	185.70	48,923	-11.6%	3.80	-13.8%	172.96	-2.3%
x	2015.1	29	278,148	1,120	43,674	1.076	46,984	168.92	41,939	5.7%	4.03	12.9%		
x	2015.2	30	287,528	1,168	59,089	1.076	63,568	221.09	54,432	19.1%	4.06	7.0%	195.43	13.0%



Third Party Liability - Property Damage and DCPD

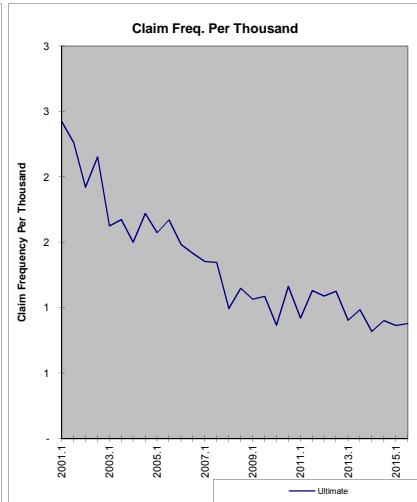
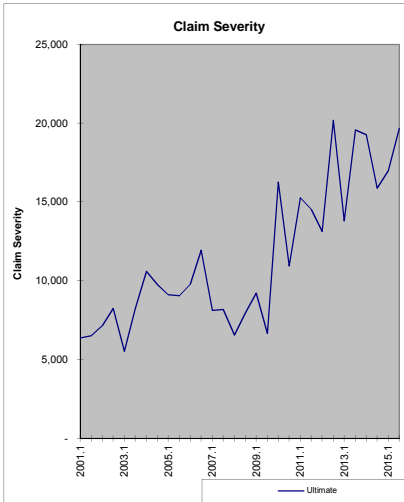
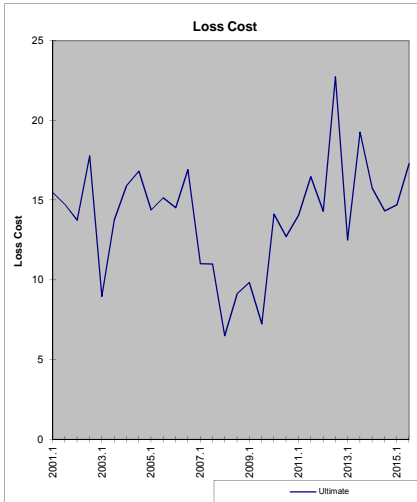
Exhibit 1
Page G

Accident Period	Time x	Earned Exposures	Ultimate Counts	Ultimate Losses	ULAE Adjustment	Ultimate Losses & LAE	Ultimate Loss Cost	% Change Seasonal Accident Half Years	Ultimate Severity	% Change Seasonal Accident Half Years	Ultimate Freq. per 1000	% Change Seasonal Accident Half Years	Annual Loss Cost & LAE	% Change Accident Years
x	2001.1	1	234,169	5,297	14,631	1.065	15,582	66.54	2,942		22.62			
x	2001.2	2	235,513	5,230	15,843	1.065	16,873	71.64	3,226		22.21		69.10	
x	2002.1	3	227,605	4,815	13,853	1.077	14,920	65.55	3,099	5.3%	21.16	-6.5%		
x	2002.2	4	233,675	4,591	15,562	1.077	16,760	71.73	3,651	13.2%	19.65	-11.5%	68.68	-0.6%
x	2003.1	5	225,987	4,349	14,536	1.078	15,670	69.34	3,603	16.3%	19.24	-9.0%		
x	2003.2	6	231,167	3,954	13,059	1.078	14,077	60.90	3,560	-2.5%	17.10	-12.9%	65.07	-5.3%
x	2004.1	7	228,995	4,306	13,339	1.140	15,207	66.41	3,531	-2.0%	18.80	-2.3%		
x	2004.2	8	237,710	4,582	15,059	1.140	17,168	72.22	3,747	5.2%	19.28	12.7%	69.37	6.6%
x	2005.1	9	233,246	4,663	14,364	1.097	15,752	67.53	3,378	-4.3%	19.99	6.3%		
x	2005.2	10	242,670	4,771	16,179	1.097	17,742	73.11	3,719	-0.7%	19.66	2.0%	70.38	1.5%
x	2006.1	11	238,343	4,673	15,055	1.099	16,538	69.39	3,539	4.8%	19.61	-1.9%		
x	2006.2	12	247,025	5,590	18,098	1.099	19,881	80.48	3,556	-4.4%	22.63	15.1%	75.03	6.6%
x	2007.1	13	242,643	5,167	16,135	1.105	17,828	73.47	3,450	-2.5%	21.30	8.6%		
x	2007.2	14	251,028	5,785	19,901	1.105	21,988	87.59	3,801	6.9%	23.05	1.8%	80.65	7.5%
x	2008.1	15	248,355	5,034	16,553	1.095	18,117	72.95	3,599	4.3%	20.27	-4.8%		
x	2008.2	16	256,856	5,676	18,896	1.095	20,682	80.52	3,644	-4.1%	22.10	-4.1%	76.80	-4.8%
x	2009.1	17	252,193	5,660	18,673	1.106	20,644	81.86	3,647	1.3%	22.44	10.7%		
x	2009.2	18	261,934	6,294	21,003	1.106	23,218	88.64	3,689	1.2%	24.03	8.7%	85.31	11.1%
x	2010.1	19	258,209	5,698	18,252	1.108	20,217	78.30	3,548	-2.7%	22.07	-1.7%		
x	2010.2	20	270,156	6,477	22,686	1.108	25,128	93.01	3,879	5.2%	23.98	-0.2%	85.82	0.6%
x	2011.1	21	265,300	5,817	20,736	1.105	22,917	86.38	3,940	11.1%	21.93	-0.7%		
x	2011.2	22	273,238	6,476	23,656	1.105	26,144	95.68	4,037	4.1%	23.70	-1.1%	91.10	6.2%
x	2012.1	23	268,782	5,736	20,026	1.090	21,835	81.24	3,807	-3.4%	21.34	-2.7%		
x	2012.2	24	277,927	6,161	22,430	1.090	24,455	87.99	3,969	-1.7%	22.17	-6.5%	84.67	-7.1%
x	2013.1	25	271,946	5,775	21,869	1.093	23,913	87.93	4,141	8.8%	21.23	-0.5%		
x	2013.2	26	280,918	6,913	26,995	1.093	29,518	105.08	4,270	7.6%	24.61	11.0%	96.64	14.1%
x	2014.1	27	273,987	6,832	26,579	1.086	28,868	105.36	4,225	2.0%	24.94	17.4%		
x	2014.2	28	284,035	7,194	29,798	1.086	32,364	113.94	4,499	5.4%	25.33	2.9%	109.73	13.5%
x	2015.1	29	278,148	8,422	35,526	1.076	38,219	137.41	4,538	7.4%	30.28	21.4%		
x	2015.2	30	287,528	7,277	33,697	1.076	36,251	126.08	4,982	10.7%	25.31	-0.1%	131.65	20.0%



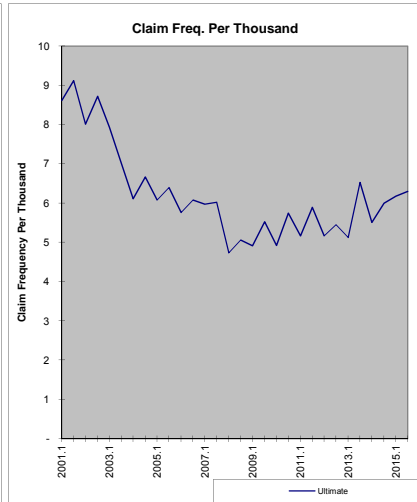
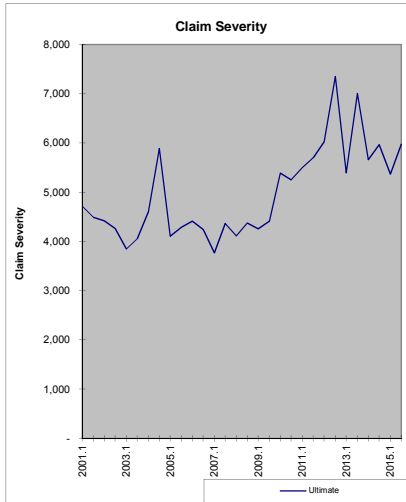
Accident Benefits - All Disability Income

Accident Period	Time x	Earned Exposures	Ultimate Counts	Ultimate Losses	ULAE Adjustment	Ultimate Losses & LAE	Ultimate Loss Cost	% Change Seasonal Accident Half Years	Ultimate Severity	% Change Seasonal Accident Half Years	Ultimate Freq. per 1000	% Change Seasonal Accident Half Years	Annual Loss Cost & LAE	% Change Accident Years
x 2001.1	1	225,796	547	3,280	1.065	3,494	15.47		6,387		2.42			
x 2001.2	2	232,436	526	3,216	1.065	3,425	14.74		6,512		2.26		15.10	
x 2002.1	3	226,933	436	2,895	1.077	3,118	13.74	-11.2%	7,152	12.0%	1.92	-20.7%		
x 2002.2	4	233,043	502	3,846	1.077	4,142	17.78	20.6%	8,250	26.7%	2.15	-4.8%	15.78	4.5%
x 2003.1	5	225,430	366	1,877	1.078	2,023	8.98	-34.7%	5,525	-22.8%	1.62	-15.4%		
x 2003.2	6	231,721	388	2,957	1.078	3,188	13.76	-22.6%	8,216	-0.4%	1.67	-22.3%	11.40	-27.8%
x 2004.1	7	229,205	344	3,196	1.140	3,643	15.90	77.1%	10,591	91.7%	1.50	-7.6%		
x 2004.2	8	237,535	409	3,502	1.140	3,992	16.81	22.2%	9,761	18.8%	1.72	2.8%	16.36	43.5%
x 2005.1	9	232,976	367	3,054	1.097	3,349	14.38	-9.6%	9,126	-13.8%	1.58	5.0%		
x 2005.2	10	242,772	406	3,352	1.097	3,676	15.14	-9.9%	9,054	-7.2%	1.67	-2.9%	14.77	-9.7%
x 2006.1	11	238,659	354	3,155	1.099	3,466	14.52	1.0%	9,790	7.3%	1.48	-5.8%		
x 2006.2	12	247,234	350	3,807	1.099	4,182	16.91	11.7%	11,948	32.0%	1.42	-15.3%	15.74	6.6%
x 2007.1	13	242,797	329	2,422	1.105	2,676	11.02	-24.1%	8,133	-16.9%	1.36	-8.6%		
x 2007.2	14	251,152	338	2,501	1.105	2,763	11.00	-35.0%	8,175	-31.6%	1.35	-4.9%	11.01	-30.0%
x 2008.1	15	248,490	247	1,478	1.095	1,617	6.51	-40.9%	6,551	-19.5%	0.99	-26.7%		
x 2008.2	16	256,946	295	2,142	1.095	2,345	9.12	-17.1%	7,951	-2.7%	1.15	-14.7%	7.84	-28.8%
x 2009.1	17	252,308	269	2,243	1.106	2,480	9.83	51.0%	9,224	40.8%	1.07	7.3%		
x 2009.2	18	261,917	285	1,715	1.106	1,896	7.24	-20.7%	6,652	-16.3%	1.09	-5.2%	8.51	8.6%
x 2010.1	19	258,170	224	3,291	1.108	3,646	14.12	43.7%	16,265	76.3%	0.87	-18.5%		
x 2010.2	20	270,110	314	3,103	1.108	3,437	12.72	75.8%	10,945	64.6%	1.16	6.8%	13.41	57.5%
x 2011.1	21	265,280	244	3,375	1.105	3,730	14.06	-0.4%	15,268	-6.1%	0.92	6.1%		
x 2011.2	22	273,308	310	4,072	1.105	4,501	16.47	29.4%	14,538	32.8%	1.13	-2.6%	15.28	14.0%
x 2012.1	23	268,288	292	3,522	1.090	3,840	14.31	1.8%	13,143	-13.9%	1.09	18.3%		
x 2012.2	24	277,205	312	5,781	1.090	6,303	22.74	38.1%	20,176	38.8%	1.13	-0.5%	18.59	21.7%
x 2013.1	25	272,348	246	3,112	1.093	3,403	12.50	-12.7%	13,809	5.1%	0.90	-16.9%		
x 2013.2	26	281,785	277	4,961	1.093	5,425	19.25	-15.3%	19,571	-3.0%	0.98	-12.7%	15.93	-14.3%
x 2014.1	27	274,991	225	3,987	1.086	4,330	15.75	26.0%	19,265	39.5%	0.82	-9.7%		
x 2014.2	28	284,834	257	3,758	1.086	4,081	14.33	-25.6%	15,882	-18.8%	0.90	-8.3%	15.02	-5.7%
x 2015.1	29	278,573	241	3,809	1.076	4,098	14.71	-6.6%	16,997	-11.8%	0.87	5.9%		
x 2015.2	30	287,635	253	4,617	1.076	4,967	17.27	20.5%	19,649	23.7%	0.88	-2.6%	16.01	6.6%



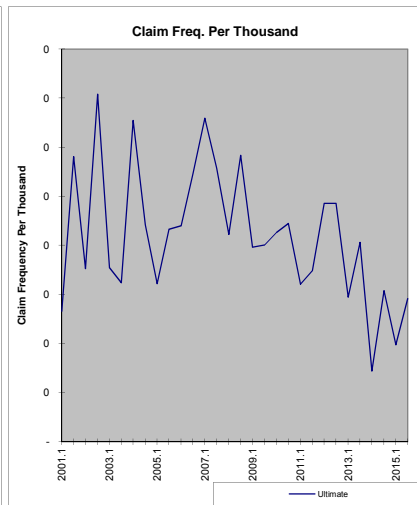
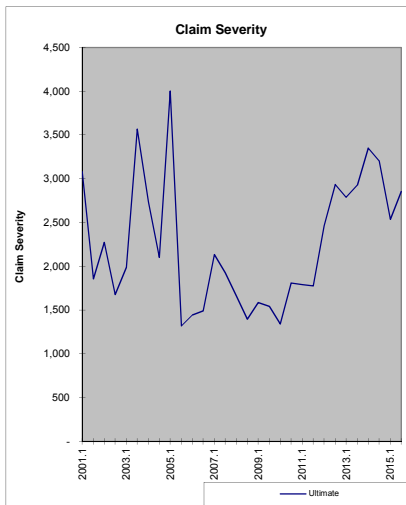
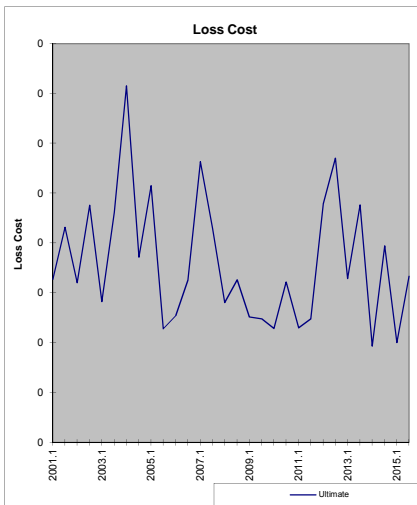
Accident Benefits - All Medical Expenses

Accident Period	Time x	Earned Exposures	Ultimate Counts	Ultimate Losses	ULAE Adjustment	Ultimate Losses & LAE	Ultimate Loss Cost	% Change Seasonal Accident Half Years	Ultimate Severity	% Change Seasonal Accident Half Years	Ultimate Freq. per 1000	% Change Seasonal Accident Half Years	Annual Loss Cost & LAE	% Change Accident Years
x 2001.1	1	225,796	1,945	8,610	1.065	9,170	40.61		4,715		8.61			
x 2001.2	2	232,436	2,119	8,930	1.065	9,510	40.92		4,488		9.12		40.77	
x 2002.1	3	226,933	1,817	7,454	1.077	8,028	35.38	-12.9%	4,419	-6.3%	8.01	-7.0%		
x 2002.2	4	233,043	2,031	8,045	1.077	8,664	37.18	-9.1%	4,265	-5.0%	8.72	-4.4%	36.29	-11.0%
x 2003.1	5	225,430	1,788	6,378	1.078	6,876	30.50	-13.8%	3,846	-13.0%	7.93	-1.0%		
x 2003.2	6	231,721	1,626	6,112	1.078	6,589	28.44	-23.5%	4,052	-5.0%	7.02	-19.5%	29.45	-18.8%
x 2004.1	7	229,205	1,400	5,655	1.140	6,447	28.13	-7.8%	4,605	19.7%	6.11	-23.0%		
x 2004.2	8	237,535	1,584	8,180	1.140	9,325	39.26	38.1%	5,887	45.3%	6.67	-5.0%	33.79	14.7%
x 2005.1	9	232,976	1,417	5,306	1.097	5,818	24.97	-11.2%	4,106	-10.8%	6.08	-0.4%		
x 2005.2	10	242,772	1,552	6,067	1.097	6,853	27.41	-30.2%	4,287	-27.2%	6.39	-4.1%	26.21	-22.4%
x 2006.1	11	238,659	1,374	5,523	1.099	6,067	25.42	1.8%	4,416	7.5%	5.76	-5.3%		
x 2006.2	12	247,234	1,502	5,798	1.099	6,369	25.76	-6.0%	4,241	-1.1%	6.08	-5.0%	25.59	-2.4%
x 2007.1	13	242,797	1,450	4,947	1.105	5,486	22.51	-11.4%	3,770	-14.6%	5.97	3.7%		
x 2007.2	14	251,152	1,512	5,972	1.105	6,599	26.27	2.0%	4,364	2.9%	6.02	-0.9%	24.43	-4.6%
x 2008.1	15	248,490	1,177	4,424	1.095	4,843	19.49	-13.4%	4,114	9.1%	4.74	-20.7%		
x 2008.2	16	256,946	1,300	5,191	1.095	5,682	22.11	-15.8%	4,371	0.1%	5.06	-16.0%	20.82	-14.8%
x 2009.1	17	252,308	1,240	4,775	1.106	5,278	20.92	7.4%	4,257	3.5%	4.91	3.8%		
x 2009.2	18	261,917	1,447	5,778	1.106	6,387	24.39	10.3%	4,414	1.0%	5.52	9.2%	22.69	9.0%
x 2010.1	19	258,170	1,270	6,180	1.108	6,845	26.51	26.7%	5,390	26.6%	4.92	0.1%		
x 2010.2	20	270,110	1,552	7,355	1.108	8,147	30.16	23.7%	5,249	18.9%	5.75	4.0%	28.38	25.1%
x 2011.1	21	265,280	1,370	6,811	1.105	7,527	28.37	7.0%	5,494	1.9%	5.16	5.0%		
x 2011.2	22	273,308	1,610	8,298	1.105	9,171	33.55	11.3%	5,697	8.5%	5.89	2.5%	31.00	9.2%
x 2012.1	23	268,288	1,387	7,657	1.090	8,349	31.12	9.7%	6,021	9.6%	5.17	0.1%		
x 2012.2	24	277,205	1,511	10,190	1.090	11,110	40.08	19.4%	7,352	29.0%	5.45	-7.4%	35.67	15.1%
x 2013.1	25	272,348	1,396	6,889	1.093	7,533	27.66	-11.1%	5,396	-10.4%	5.13	-0.8%		
x 2013.2	26	281,785	1,840	11,784	1.093	12,885	45.73	14.1%	7,002	-4.8%	6.53	19.8%	36.85	3.3%
x 2014.1	27	274,991	1,515	7,891	1.086	8,570	31.17	12.7%	5,658	4.8%	5.51	7.5%		
x 2014.2	28	284,834	1,708	9,382	1.086	10,190	35.77	-21.8%	5,965	-14.8%	6.00	-8.2%	33.51	-9.1%
x 2015.1	29	278,573	1,721	8,583	1.076	9,234	33.15	6.4%	5,364	-5.2%	6.18	12.2%		
x 2015.2	30	287,635	1,812	10,061	1.076	10,823	37.63	5.2%	5,972	0.1%	6.30	5.1%	35.42	5.7%



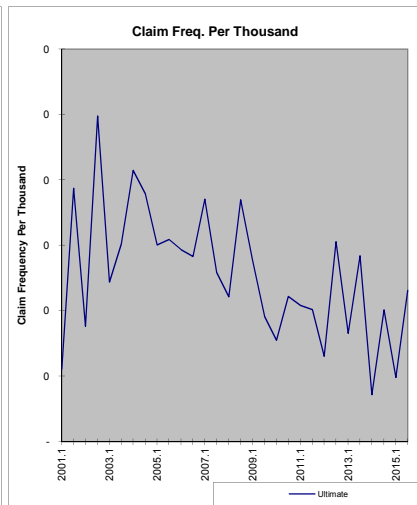
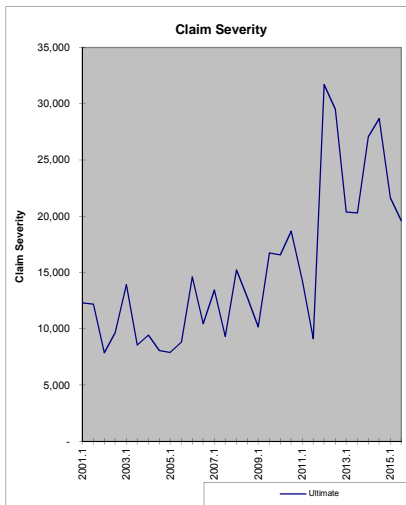
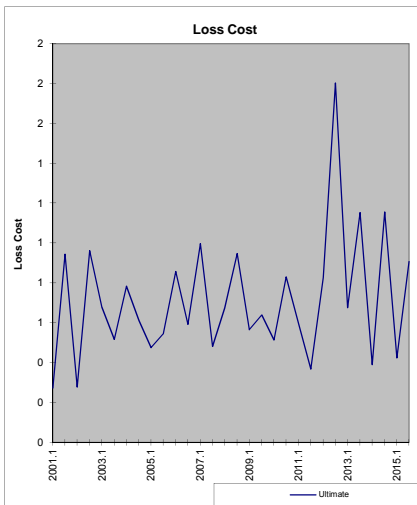
Accident Benefits - Funeral

Accident Period	Time x	Earned Exposures	Ultimate Counts	Ultimate Losses	ULAE Adjustment	Ultimate Losses & LAE	Ultimate Loss Cost	% Change Seasonal Accident Half Years	Ultimate Severity	% Change Seasonal Accident Half Years	Ultimate Freq. per 1000	% Change Seasonal Accident Half Years	Annual Loss Cost & LAE	% Change Accident Years
x 2001.1	1	225,796	12	35	1.065	37	0.16		3,081		0.05			
x 2001.2	2	232,436	27	47	1.065	50	0.22		1,857		0.12		0.19	
x 2002.1	3	226,933	16	34	1.077	36	0.16	-2.1%	2,274	-26.2%	0.07	32.7%		
x 2002.2	4	233,043	33	51	1.077	55	0.24	10.2%	1,679	-9.6%	0.14	21.9%	0.20	5.0%
x 2003.1	5	225,430	16	30	1.078	32	0.14	-11.9%	1,990	-12.5%	0.07	0.7%		
x 2003.2	6	231,721	15	50	1.078	54	0.23	-2.9%	3,568	112.5%	0.06	-54.3%	0.19	-6.4%
x 2004.1	7	229,205	30	72	1.140	82	0.36	153.3%	2,733	37.3%	0.13	84.4%		
x 2004.2	8	237,535	21	39	1.140	44	0.19	-19.6%	2,101	-41.1%	0.09	36.6%	0.27	44.7%
x 2005.1	9	232,976	15	55	1.097	60	0.26	-28.0%	4,001	46.4%	0.06	-50.8%		
x 2005.2	10	242,772	21	25	1.097	28	0.11	-38.6%	1,318	-37.3%	0.09	-2.2%	0.18	-31.8%
x 2006.1	11	238,659	21	28	1.099	30	0.13	-50.7%	1,444	-63.9%	0.09	36.7%		
x 2006.2	12	247,234	27	37	1.099	40	0.16	42.8%	1,491	13.1%	0.11	26.3%	0.15	-21.2%
x 2007.1	13	242,797	32	62	1.105	68	0.28	121.5%	2,136	47.9%	0.13	49.8%		
x 2007.2	14	251,152	28	49	1.105	54	0.21	31.9%	1,927	29.2%	0.11	2.1%	0.25	70.4%
x 2008.1	15	248,490	21	32	1.095	35	0.14	-50.1%	1,661	-22.2%	0.08	-35.9%		
x 2008.2	16	256,946	30	38	1.095	42	0.16	-24.0%	1,398	-27.5%	0.12	4.7%	0.15	-38.6%
x 2009.1	17	252,308	20	29	1.106	32	0.13	-10.4%	1,586	-4.5%	0.08	-6.2%		
x 2009.2	18	261,917	21	29	1.106	32	0.12	-24.1%	1,544	10.5%	0.08	-31.3%	0.12	-17.9%
x 2010.1	19	258,170	22	27	1.108	30	0.11	-9.1%	1,342	-15.4%	0.09	7.5%		
x 2010.2	20	270,110	24	39	1.108	43	0.16	29.9%	1,811	17.3%	0.09	10.8%	0.14	10.7%
x 2011.1	21	265,280	17	28	1.105	30	0.11	0.4%	1,792	33.6%	0.06	-24.8%		
x 2011.2	22	273,308	19	31	1.105	34	0.12	-23.1%	1,777	-1.9%	0.07	-21.6%	0.12	-13.6%
x 2012.1	23	268,288	26	59	1.090	64	0.24	108.4%	2,464	37.5%	0.10	51.6%		
x 2012.2	24	277,205	27	72	1.090	79	0.29	130.4%	2,934	65.1%	0.10	39.5%	0.26	120.0%
x 2013.1	25	272,348	16	41	1.093	45	0.16	-31.3%	2,791	13.3%	0.06	-39.4%		
x 2013.2	26	281,785	23	61	1.093	67	0.24	-16.5%	2,929	-0.2%	0.08	-16.4%	0.20	-23.1%
x 2014.1	27	274,991	8	24	1.086	27	0.10	-41.3%	3,354	20.2%	0.03	-51.1%		
x 2014.2	28	284,834	18	52	1.086	56	0.20	-17.1%	3,205	9.4%	0.06	-24.3%	0.15	-26.8%
x 2015.1	29	278,573	11	26	1.076	28	0.10	3.8%	2,535	-24.4%	0.04	37.4%		
x 2015.2	30	287,635	17	45	1.076	48	0.17	-15.6%	2,855	-10.9%	0.06	-5.2%	0.13	-9.4%



Accident Benefits - Death Benefits

Accident Period	Time x	Earned Exposures	Ultimate Counts	Ultimate Losses	ULAE Adjustment	Ultimate Losses & LAE	Ultimate Loss Cost	% Change Seasonal Accident Half Years	Ultimate Severity	% Change Seasonal Accident Half Years	Ultimate Freq. per 1000	% Change Seasonal Accident Half Years	Annual Loss Cost & LAE	% Change Accident Years
x 2001.1	1	225,796	5	58	1.065	62	0.27		12,310		0.02			
x 2001.2	2	232,436	18	206	1.065	219	0.94		12,192		0.08		0.61	
x 2002.1	3	226,933	8	59	1.077	63	0.28	2.0%	7,884	-36.0%	0.04	59.2%		
x 2002.2	4	233,043	23	208	1.077	224	0.96	1.8%	9,659	-20.8%	0.10	28.6%	0.62	1.8%
x 2003.1	5	225,430	11	142	1.078	153	0.68	144.4%	13,920	76.6%	0.05	38.4%		
x 2003.2	6	231,721	14	111	1.078	120	0.52	-46.3%	8,544	-11.5%	0.06	-39.3%	0.60	-4.4%
x 2004.1	7	229,205	19	158	1.140	180	0.78	15.3%	9,450	-32.1%	0.08	69.9%		
x 2004.2	8	237,535	18	127	1.140	145	0.61	18.4%	8,062	-5.6%	0.08	25.4%	0.70	16.6%
x 2005.1	9	232,976	14	101	1.097	111	0.48	-39.4%	7,906	-16.3%	0.06	-27.5%		
x 2005.2	10	242,772	15	121	1.097	132	0.54	-10.9%	8,809	9.3%	0.06	-18.5%	0.51	-26.6%
x 2006.1	11	238,659	14	186	1.099	205	0.86	80.6%	14,624	85.0%	0.06	-2.4%		
x 2006.2	12	247,234	14	133	1.099	146	0.59	8.8%	10,454	18.7%	0.06	-8.4%	0.72	41.6%
x 2007.1	13	242,797	18	219	1.105	242	1.00	16.1%	13,440	-8.1%	0.07	26.4%		
x 2007.2	14	251,152	13	110	1.105	121	0.48	-18.5%	9,319	-10.9%	0.05	-8.6%	0.74	1.7%
x 2008.1	15	248,490	11	153	1.095	168	0.67	-32.3%	15,241	13.4%	0.04	-40.3%		
x 2008.2	16	256,946	19	222	1.095	243	0.95	96.3%	12,808	37.4%	0.07	42.9%	0.81	10.6%
x 2009.1	17	252,308	14	129	1.106	143	0.57	-16.2%	10,184	-33.2%	0.06	25.3%		
x 2009.2	18	261,917	10	151	1.106	167	0.64	-32.5%	16,734	30.7%	0.04	-48.4%	0.60	-25.9%
x 2010.1	19	258,170	8	120	1.108	133	0.51	-9.1%	16,576	62.8%	0.03	-44.2%		
x 2010.2	20	270,110	12	202	1.108	224	0.83	29.8%	18,666	11.5%	0.04	16.4%	0.68	12.0%
x 2011.1	21	265,280	11	142	1.105	157	0.59	15.6%	14,265	-13.9%	0.04	34.3%		
x 2011.2	22	273,308	11	91	1.105	101	0.37	-55.6%	9,115	-51.2%	0.04	-9.1%	0.48	-29.0%
x 2012.1	23	268,288	7	203	1.090	222	0.83	39.3%	31,690	122.2%	0.03	-37.3%		
x 2012.2	24	277,205	17	458	1.090	500	1.80	389.8%	29,512	223.8%	0.06	51.3%	1.32	176.1%
x 2013.1	25	272,348	9	168	1.093	184	0.68	-18.2%	20,386	-35.7%	0.03	27.1%		
x 2013.2	26	281,785	16	297	1.093	325	1.15	-36.1%	20,305	-31.2%	0.06	-7.1%	0.92	-30.6%
x 2014.1	27	274,991	4	99	1.086	107	0.39	-42.4%	27,072	32.8%	0.01	-56.6%		
x 2014.2	28	284,834	11	303	1.086	329	1.16	0.2%	28,697	41.3%	0.04	-29.1%	0.78	-15.2%
x 2015.1	29	278,573	5	110	1.076	118	0.42	8.9%	21,647	-20.0%	0.02	36.2%		
x 2015.2	30	287,635	13	242	1.076	261	0.91	-21.6%	19,606	-31.7%	0.05	14.8%	0.67	-14.1%

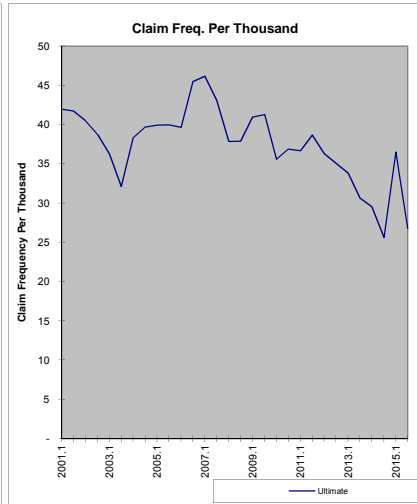
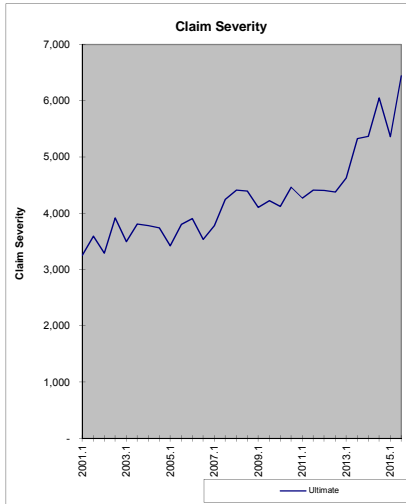
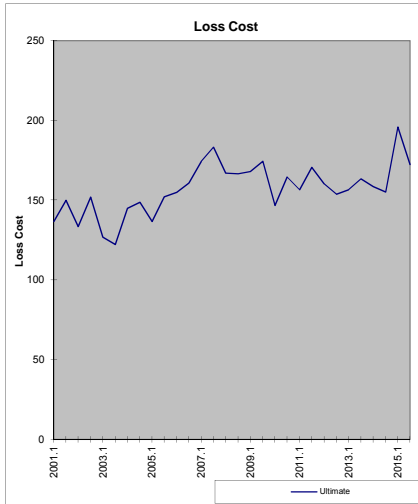


Province of Nova Scotia
Private Passenger Automobile (excl. Farmers)

Collision

Exhibit 1
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Accident Period	Time x	Earned Exposures	Ultimate Counts	Ultimate Losses	ULAE Adjustment	Ultimate Losses & LAE	Ultimate Loss Cost	% Change Seasonal Accident Half Years	Ultimate Severity	% Change Seasonal Accident Half Years	Ultimate Freq. per 1000	% Change Seasonal Accident Half Years	Annual Loss Cost & LAE	% Change Accident Years
x 2001.1	1	134,036	5,626	17,188	1.065	18,305	136.57		3,254		41.97			
x 2001.2	2	135,297	5,645	19,052	1.065	20,290	149.97		3,594		41.72		143.30	
x 2002.1	3	131,836	5,339	16,322	1.077	17,579	133.34	-2.4%	3,292	1.2%	40.50	-3.5%		
x 2002.2	4	133,786	5,186	18,863	1.077	20,315	151.85	1.3%	3,917	9.0%	38.76	-7.1%	142.66	-0.4%
x 2003.1	5	129,180	4,684	15,186	1.078	16,370	126.72	-5.0%	3,495	6.1%	36.26	-10.5%		
x 2003.2	6	130,797	4,198	14,826	1.078	15,982	122.19	-19.5%	3,807	-2.8%	32.10	-17.2%	124.44	-12.8%
x 2004.1	7	129,660	4,967	16,479	1.140	18,786	144.88	14.3%	3,782	8.2%	38.31	5.6%		
x 2004.2	8	134,400	5,335	17,519	1.140	19,972	148.60	21.6%	3,744	-1.7%	39.69	23.7%	146.78	17.9%
x 2005.1	9	133,013	5,314	16,579	1.097	18,181	136.68	-5.7%	3,421	-9.5%	39.95	4.3%		
x 2005.2	10	139,455	5,572	19,332	1.097	21,199	152.01	2.3%	3,805	1.6%	39.96	0.7%	144.53	-1.5%
x 2006.1	11	140,195	5,558	19,776	1.099	21,724	154.96	13.4%	3,909	14.2%	39.64	-0.8%		
x 2006.2	12	147,633	6,713	21,612	1.099	23,741	160.81	5.8%	3,537	-7.0%	45.47	13.8%	157.96	9.3%
x 2007.1	13	147,705	6,817	23,313	1.105	25,759	174.39	12.5%	3,779	-3.3%	46.15	16.4%		
x 2007.2	14	155,568	6,709	25,787	1.105	28,492	183.15	13.9%	4,247	20.1%	43.12	-5.2%	178.88	13.2%
x 2008.1	15	156,888	5,940	23,929	1.095	26,190	166.94	-4.3%	4,410	16.7%	37.66	-18.0%		
x 2008.2	16	163,563	6,197	24,883	1.095	27,235	166.51	-9.1%	4,395	3.5%	37.89	-12.1%	166.72	-6.8%
x 2009.1	17	161,853	6,625	24,593	1.106	27,188	167.98	0.6%	4,104	-6.9%	40.94	8.1%		
x 2009.2	18	167,924	6,932	26,476	1.106	29,269	174.30	4.7%	4,222	-3.9%	41.28	9.0%	171.20	2.7%
x 2010.1	19	166,011	5,906	21,988	1.108	24,355	146.71	-12.7%	4,124	0.5%	35.57	-13.1%		
x 2010.2	20	172,320	6,354	25,596	1.108	28,351	164.52	-5.6%	4,462	5.7%	36.88	-10.7%	155.78	-9.0%
x 2011.1	21	169,705	6,225	24,044	1.105	26,574	156.59	6.7%	4,269	3.5%	36.68	3.1%		
x 2011.2	22	175,173	6,773	27,044	1.105	29,889	170.63	3.7%	4,413	-1.1%	38.67	4.9%	163.72	5.1%
x 2012.1	23	173,640	6,305	25,485	1.090	27,786	160.02	2.2%	4,407	3.2%	36.31	-1.0%		
x 2012.2	24	179,105	6,286	25,248	1.090	27,527	153.69	-9.9%	4,379	-0.8%	35.10	-9.2%	156.81	-4.2%
x 2013.1	25	176,926	5,986	25,323	1.093	27,690	156.51	-2.2%	4,626	5.0%	33.83	-6.8%		
x 2013.2	26	183,885	5,633	27,458	1.093	30,025	163.28	6.2%	5,330	21.7%	30.63	-12.7%	159.96	2.0%
x 2014.1	27	181,164	5,350	26,432	1.086	28,708	158.46	1.2%	5,366	16.0%	29.53	-12.7%		
x 2014.2	28	187,854	4,816	26,830	1.086	29,141	155.12	-5.0%	6,051	13.5%	25.64	-16.3%	156.76	-2.0%
x 2015.1	29	185,532	6,774	33,767	1.076	36,326	195.80	23.6%	5,363	-0.1%	36.51	23.6%		
x 2015.2	30	193,013	5,163	30,909	1.076	33,251	172.28	11.1%	6,441	6.4%	26.75	4.3%	183.80	17.2%

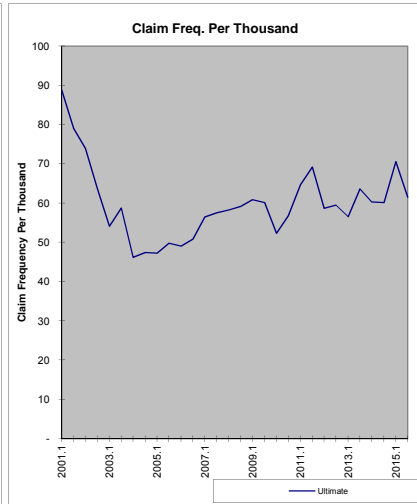
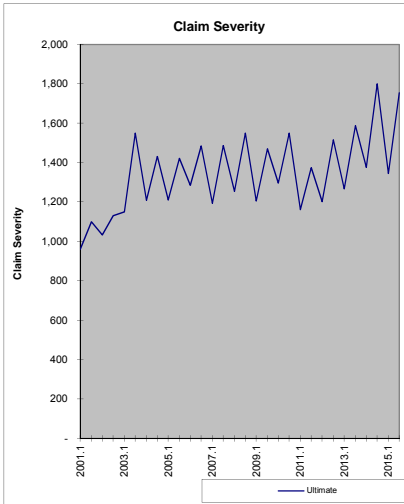
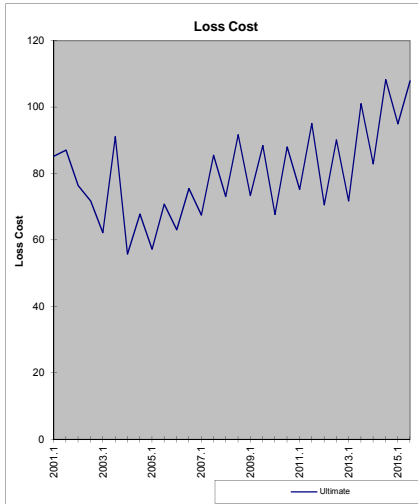


Province of Nova Scotia
Private Passenger Automobile (excl. Farmers)

Comprehensive

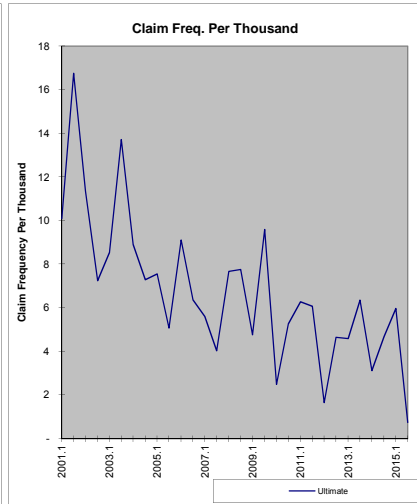
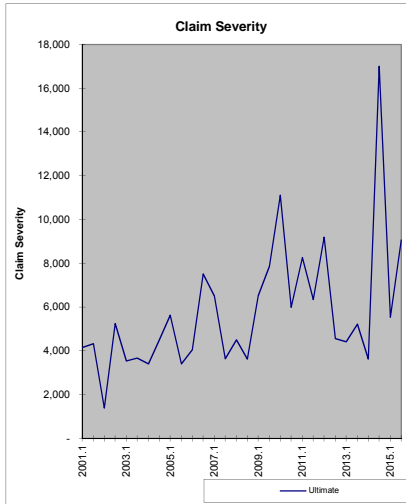
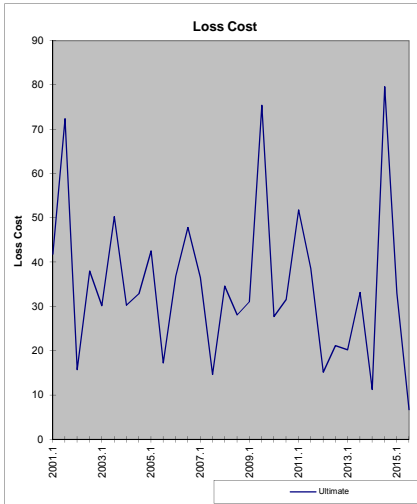
Exhibit 1
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Accident Period	Time x	Earned Exposures	Ultimate Counts	Ultimate Losses	ULAE Adjustment	Ultimate Losses & LAE	Ultimate Loss Cost	% Change Seasonal Accident Half Years	Ultimate Severity	% Change Seasonal Accident Half Years	Ultimate Freq. per 1000	% Change Seasonal Accident Half Years	Annual Loss Cost & LAE	% Change Accident Years
x	2001.1	1	159,711	14,174	12,782	1.065	13,612	85.23	960		88.75			
x	2001.2	2	162,525	12,853	13,283	1.065	14,146	87.04	1,101		79.08		86.14	
x	2002.1	3	160,328	11,849	11,365	1.077	12,240	76.34	1,033	7.6%	73.90	-16.7%		
x	2002.2	4	162,605	10,325	10,836	1.077	11,670	71.77	1,130	2.7%	63.50	-19.7%	74.04	-14.0%
x	2003.1	5	157,402	8,514	9,085	1.078	9,794	62.22	1,150	11.4%	54.09	-26.8%		
x	2003.2	6	157,968	9,281	13,348	1.078	14,389	91.09	1,550	37.2%	58.75	-7.5%	76.68	3.6%
x	2004.1	7	156,135	7,210	7,640	1.140	8,710	55.79	1,208	5.0%	46.18	-14.6%		
x	2004.2	8	158,513	7,515	9,432	1.140	10,752	67.83	1,431	-7.7%	47.41	-19.3%	61.85	-19.3%
x	2005.1	9	157,169	7,431	8,205	1.097	8,998	57.25	1,211	0.2%	47.28	2.4%		
x	2005.2	10	163,251	8,130	10,540	1.097	11,558	70.80	1,422	-0.6%	49.80	5.0%	64.15	3.7%
x	2006.1	11	163,075	8,000	9,359	1.099	10,281	63.04	1,285	6.1%	49.06	3.8%		
x	2006.2	12	169,763	8,634	11,665	1.099	12,814	75.48	1,484	4.4%	50.86	2.1%	69.39	8.2%
x	2007.1	13	169,785	9,591	10,367	1.105	11,455	67.47	1,194	-7.1%	56.49	15.1%		
x	2007.2	14	177,021	10,187	13,707	1.105	15,145	85.55	1,487	0.2%	57.55	13.1%	76.70	10.5%
x	2008.1	15	178,754	10,414	11,932	1.095	13,059	73.06	1,254	5.0%	58.26	3.1%		
x	2008.2	16	184,996	10,948	15,495	1.095	16,959	91.67	1,549	4.2%	59.18	2.8%	82.52	7.6%
x	2009.1	17	183,867	11,191	12,206	1.106	13,493	73.39	1,206	-3.8%	60.86	4.5%		
x	2009.2	18	189,711	11,405	15,168	1.106	16,769	88.39	1,470	-5.1%	60.12	1.6%	81.01	-1.8%
x	2010.1	19	188,634	9,861	11,537	1.108	12,779	67.74	1,296	7.5%	52.28	-14.1%		
x	2010.2	20	195,029	11,074	15,497	1.108	17,166	88.02	1,550	5.4%	56.78	-5.6%	78.05	-3.6%
x	2011.1	21	193,137	12,498	13,141	1.105	14,524	75.20	1,162	-10.3%	64.71	23.8%		
x	2011.2	22	197,871	13,696	17,026	1.105	18,818	95.10	1,374	-11.4%	69.22	21.9%	85.27	9.3%
x	2012.1	23	196,969	11,562	12,748	1.090	13,899	70.57	1,202	3.4%	58.70	-9.3%		
x	2012.2	24	201,955	12,011	16,694	1.090	18,202	90.13	1,515	10.3%	59.47	-14.1%	80.47	-5.6%
x	2013.1	25	200,402	11,339	13,146	1.093	14,375	71.73	1,268	5.5%	56.58	-3.6%		
x	2013.2	26	206,567	13,154	19,093	1.093	20,878	101.07	1,587	4.7%	63.68	7.1%	86.62	7.6%
x	2014.1	27	204,400	12,322	15,602	1.086	16,946	82.90	1,375	8.5%	60.28	6.5%		
x	2014.2	28	210,239	12,642	20,948	1.086	22,752	108.22	1,800	13.4%	60.13	-5.6%	95.74	10.5%
x	2015.1	29	208,481	14,716	18,407	1.076	19,802	94.98	1,346	-2.2%	70.59	17.1%		
x	2015.2	30	214,463	13,187	21,500	1.076	23,130	107.85	1,754	-2.5%	61.49	2.3%	101.51	6.0%



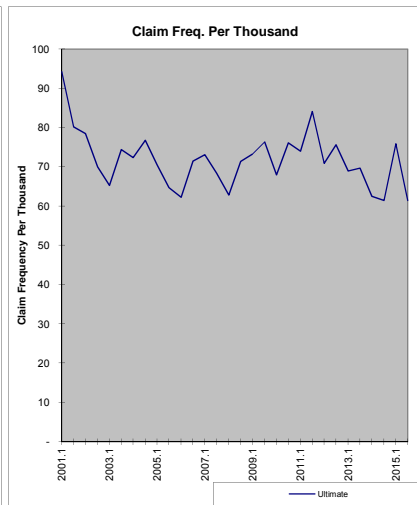
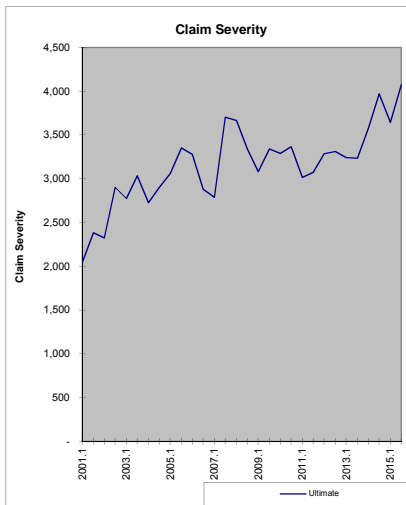
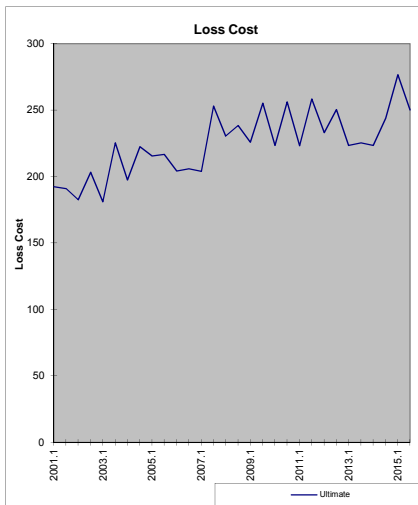
Specified Perils

Accident Period	Time x	Earned Exposures	Ultimate Counts	Ultimate Losses	ULAE Adjustment	Ultimate Losses & LAE	Ultimate Loss Cost	% Change Seasonal Accident Half Years	Ultimate Severity	% Change Seasonal Accident Half Years	Ultimate Freq. per 1000	% Change Seasonal Accident Half Years	Annual Loss Cost & LAE	% Change Accident Years
x 2001.1	1	3,073	31	121	1.065	129	41.85		4,149		10.09			
x 2001.2	2	2,986	50	203	1.065	216	72.40		4,323		16.75		56.90	
x 2002.1	3	2,996	34	44	1.077	47	15.76	-62.3%	1,389	-66.5%	11.35	12.5%		
x 2002.2	4	2,899	21	102	1.077	110	38.00	-47.5%	5,246	21.3%	7.24	-56.7%	26.70	-53.1%
x 2003.1	5	2,812	24	79	1.078	85	30.19	91.5%	3,538	154.7%	8.53	-24.8%		
x 2003.2	6	2,698	37	126	1.078	136	50.26	32.2%	3,664	-30.2%	13.72	89.3%	40.02	49.9%
x 2004.1	7	2,698	24	72	1.140	82	30.27	0.2%	3,403	-3.8%	8.90	4.2%		
x 2004.2	8	2,605	19	75	1.140	86	32.89	-34.5%	4,509	23.1%	7.29	-46.8%	31.56	-21.1%
x 2005.1	9	2,650	20	103	1.097	113	42.54	40.5%	5,635	65.6%	7.55	-15.1%		
x 2005.2	10	2,565	13	40	1.097	44	17.28	-47.5%	3,409	-24.4%	5.07	-30.5%	30.11	-4.6%
x 2006.1	11	2,525	23	85	1.099	93	36.85	-13.4%	4,045	-28.2%	9.11	20.7%		
x 2006.2	12	2,358	15	103	1.099	113	47.85	176.9%	7,521	120.6%	6.36	25.5%	42.16	40.0%
x 2007.1	13	2,319	13	77	1.105	85	36.48	-1.0%	6,507	60.9%	5.61	-38.5%		
x 2007.2	14	2,232	9	30	1.105	33	14.68	-69.3%	3,639	-51.6%	4.03	-36.6%	25.79	-38.8%
x 2008.1	15	2,215	17	70	1.095	77	34.58	-5.2%	4,505	-30.8%	7.67	36.9%		
x 2008.2	16	2,064	16	53	1.095	58	28.09	91.4%	3,623	-0.4%	7.75	92.2%	31.45	21.9%
x 2009.1	17	2,101	10	59	1.106	65	31.05	-10.2%	6,522	44.8%	4.76	-38.0%		
x 2009.2	18	1,980	19	135	1.106	149	75.42	168.5%	7,859	116.9%	9.60	23.8%	52.58	67.2%
x 2010.1	19	2,007	5	50	1.108	56	27.70	-10.8%	11,118	70.5%	2.49	-47.7%		
x 2010.2	20	1,901	10	54	1.108	60	31.55	-58.2%	5,998	-23.7%	5.26	-45.2%	29.58	-43.8%
x 2011.1	21	1,913	12	90	1.105	99	51.80	87.0%	8,260	-25.7%	6.27	151.7%		
x 2011.2	22	1,810	11	63	1.105	70	38.59	22.3%	6,351	5.9%	6.08	15.5%	45.38	53.4%
x 2012.1	23	1,817	3	25	1.090	28	15.19	-70.7%	9,197	11.3%	1.65	-73.7%		
x 2012.2	24	1,720	8	33	1.090	36	21.20	-45.1%	4,557	-28.2%	4.65	-23.4%	18.11	-60.1%
x 2013.1	25	1,744	8	32	1.093	35	20.24	33.3%	4,412	-52.0%	4.59	177.9%		
x 2013.2	26	1,577	10	48	1.093	52	33.13	56.3%	5,224	14.6%	6.34	36.3%	26.36	45.6%
x 2014.1	27	1,603	5	17	1.086	18	11.30	-44.2%	3,622	-17.9%	3.12	-32.0%		
x 2014.2	28	1,495	7	110	1.086	119	79.63	140.3%	17,008	225.6%	4.68	-26.2%	44.27	67.9%
x 2015.1	29	1,510	9	46	1.076	50	33.04	192.5%	5,543	53.0%	5.96	91.1%		
x 2015.2	30	1,357	1	8	1.076	9	6.70	-91.6%	9,059	-46.7%	0.74	-84.2%	20.58	-53.5%



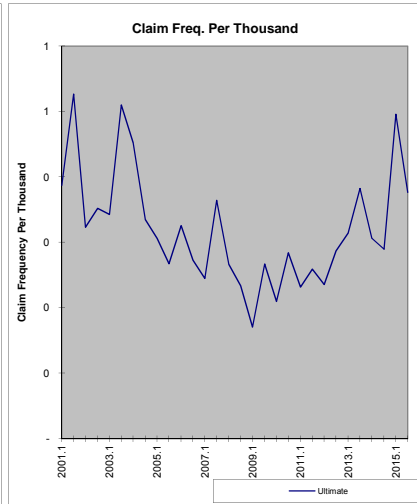
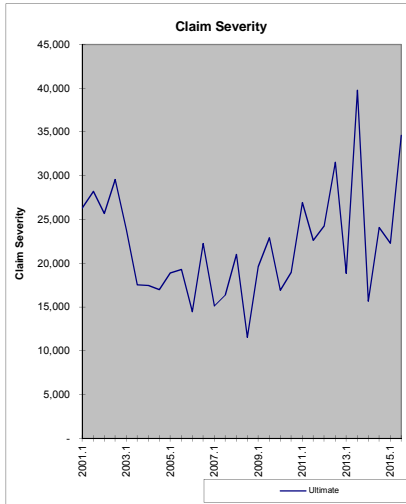
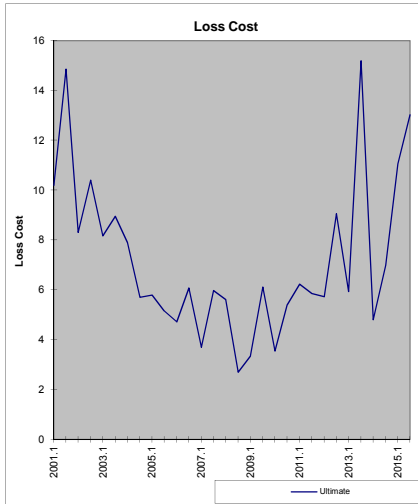
All Perils

Accident Period	Time x	Earned Exposures	Ultimate Counts	Ultimate Losses	ULAE Adjustment	Ultimate Losses & LAE	Ultimate Loss Cost	% Change Seasonal Accident Half Years	Ultimate Severity	% Change Seasonal Accident Half Years	Ultimate Freq. per 1000	% Change Seasonal Accident Half Years	Annual Loss Cost & LAE	% Change Accident Years
x	2001.1	1	18,910	1,781	3,415	1.065	3,637	192.33		2,042	94.18			
x	2001.2	2	19,797	1,587	3,550	1.065	3,781	190.97		2,382	80.16		191.64	
x	2002.1	3	19,535	1,533	3,309	1.077	3,563	182.41	-5.2%	2,324	78.47	-16.7%		
x	2002.2	4	19,945	1,396	3,764	1.077	4,054	203.23	6.4%	2,904	69.99	-12.7%	192.93	0.7%
x	2003.1	5	19,605	1,280	3,294	1.078	3,551	181.12	-0.7%	2,774	65.29	-16.8%		
x	2003.2	6	20,776	1,545	4,346	1.078	4,684	225.47	10.9%	3,032	74.36	6.2%	203.94	5.7%
x	2004.1	7	21,434	1,551	3,712	1.140	4,232	197.44	9.0%	2,729	72.36	10.8%		
x	2004.2	8	23,003	1,765	4,491	1.140	5,119	222.56	-1.3%	2,901	76.73	3.2%	210.44	3.2%
x	2005.1	9	22,468	1,583	4,417	1.097	4,843	215.57	9.2%	3,060	70.46	-2.6%		
x	2005.2	10	22,435	1,451	4,433	1.097	4,861	216.69	-2.6%	3,350	64.68	-15.7%	216.13	2.7%
x	2006.1	11	21,492	1,338	3,993	1.099	4,386	204.10	-5.3%	3,278	62.26	-11.6%		
x	2006.2	12	21,304	1,523	3,994	1.099	4,388	205.96	-4.9%	2,881	71.49	10.5%	205.03	-5.1%
x	2007.1	13	20,566	1,503	3,796	1.105	4,194	203.91	-0.1%	2,790	73.08	17.4%		
x	2007.2	14	20,803	1,422	4,765	1.105	5,265	253.10	22.9%	3,703	68.36	-4.4%	228.65	11.5%
x	2008.1	15	20,450	1,285	4,305	1.095	4,712	230.39	13.0%	3,667	62.84	-14.0%		
x	2008.2	16	20,787	1,484	4,528	1.095	4,956	238.41	-5.8%	3,340	71.39	4.4%	234.43	2.5%
x	2009.1	17	20,289	1,487	4,144	1.106	4,582	225.82	-2.0%	3,081	73.29	16.6%		
x	2009.2	18	20,816	1,590	4,806	1.106	5,313	255.22	7.1%	3,341	76.38	7.0%	240.71	2.7%
x	2010.1	19	20,316	1,381	4,100	1.108	4,541	223.52	-1.0%	3,288	67.97	-7.3%		
x	2010.2	20	21,026	1,600	4,864	1.108	5,388	256.24	0.4%	3,368	76.08	-0.4%	240.16	-0.2%
x	2011.1	21	20,677	1,531	4,177	1.105	4,616	223.25	-0.1%	3,016	74.03	8.9%		
x	2011.2	22	20,928	1,760	4,893	1.105	5,407	258.38	0.8%	3,073	84.09	10.5%	240.92	0.3%
x	2012.1	23	20,266	1,437	4,330	1.090	4,721	232.95	4.3%	3,284	70.93	-4.2%		
x	2012.2	24	20,559	1,554	4,722	1.090	5,148	250.39	-3.1%	3,312	75.60	-10.1%	241.73	0.3%
x	2013.1	25	19,976	1,376	4,083	1.093	4,464	223.50	-4.1%	3,244	68.90	-2.9%		
x	2013.2	26	20,477	1,427	4,221	1.093	4,616	225.41	-10.0%	3,234	69.71	-7.8%	224.46	-7.1%
x	2014.1	27	20,025	1,251	4,119	1.086	4,473	223.39	0.0%	3,574	62.50	-9.3%		
x	2014.2	28	20,669	1,270	4,642	1.086	5,042	243.95	8.2%	3,970	61.45	-11.9%	233.83	4.2%
x	2015.1	29	20,304	1,541	5,221	1.076	5,616	276.62	23.8%	3,645	75.88	21.4%		
x	2015.2	30	20,902	1,284	4,858	1.076	5,227	250.06	2.5%	4,070	61.43	0.0%	263.14	12.5%



Uninsured

Accident Period	Time x	Earned Exposures	Ultimate Counts	Ultimate Losses	ULAE Adjustment	Ultimate Losses & LAE	Ultimate Loss Cost	% Change Seasonal Accident Half Years	Ultimate Severity	% Change Seasonal Accident Half Years	Ultimate Freq. per 1000	% Change Seasonal Accident Half Years	Annual Loss Cost & LAE	% Change Accident Years
x 2001.1	1	211,838	82	2,027	1.065	2,159	10.19		26,329		0.39			
x 2001.2	2	216,533	114	3,020	1.065	3,216	14.85		28,211		0.53		12.55	
x 2002.1	3	210,425	68	1,623	1.077	1,748	8.30	-18.5%	25,700	-2.4%	0.32	-16.5%		
x 2002.2	4	215,836	76	2,086	1.077	2,246	10.41	-29.9%	29,555	4.8%	0.35	-33.1%	9.37	-25.3%
x 2003.1	5	210,122	72	1,593	1.078	1,717	8.17	-1.6%	23,845	-7.2%	0.34	6.0%		
x 2003.2	6	221,592	113	1,839	1.078	1,983	8.95	-14.0%	17,548	-40.6%	0.51	44.8%	8.57	-8.5%
x 2004.1	7	223,404	101	1,547	1.140	1,764	7.89	-3.4%	17,462	-26.8%	0.45	31.9%		
x 2004.2	8	232,781	78	1,163	1.140	1,326	5.70	-36.3%	17,004	-3.1%	0.34	-34.3%	6.77	-21.0%
x 2005.1	9	228,417	70	1,206	1.097	1,322	5.79	-26.7%	18,913	8.3%	0.31	-32.3%		
x 2005.2	10	239,101	64	1,124	1.097	1,232	5.15	-9.5%	19,283	13.4%	0.27	-20.2%	5.46	-19.3%
x 2006.1	11	236,073	77	1,014	1.099	1,113	4.72	-18.5%	14,480	-23.4%	0.33	6.4%		
x 2006.2	12	245,082	67	1,355	1.099	1,489	6.07	17.8%	22,249	15.4%	0.27	2.1%	5.41	-1.0%
x 2007.1	13	240,759	59	807	1.105	892	3.70	-21.5%	15,138	4.5%	0.24	-24.9%		
x 2007.2	14	249,180	91	1,345	1.105	1,487	5.97	-1.8%	16,374	-26.4%	0.36	33.5%	4.85	-10.2%
x 2008.1	15	246,597	66	1,263	1.095	1,382	5.61	51.3%	21,033	38.9%	0.27	8.9%		
x 2008.2	16	255,018	60	630	1.095	689	2.70	-54.7%	11,566	-29.4%	0.23	-35.8%	4.13	-14.9%
x 2009.1	17	250,413	43	757	1.106	837	3.34	-40.3%	19,635	-6.6%	0.17	-36.1%		
x 2009.2	18	260,149	69	1,439	1.106	1,591	6.12	126.3%	22,901	98.0%	0.27	14.3%	4.76	15.2%
x 2010.1	19	256,484	54	821	1.108	910	3.55	6.1%	16,922	-13.8%	0.21	23.1%		
x 2010.2	20	268,484	76	1,307	1.108	1,448	5.39	-11.8%	18,978	-17.1%	0.28	6.4%	4.49	-5.6%
x 2011.1	21	263,595	61	1,486	1.105	1,643	6.23	75.7%	26,922	59.1%	0.23	10.4%		
x 2011.2	22	271,604	70	1,440	1.105	1,592	5.86	8.7%	22,621	19.2%	0.26	-8.8%	6.04	34.6%
x 2012.1	23	267,627	63	1,405	1.090	1,532	5.72	-8.2%	24,269	-9.9%	0.24	1.9%		
x 2012.2	24	277,056	80	2,302	1.090	2,510	9.06	54.6%	31,540	39.4%	0.29	10.9%	7.42	22.8%
x 2013.1	25	271,928	85	1,475	1.093	1,613	5.93	3.6%	18,865	-22.3%	0.31	33.3%		
x 2013.2	26	281,470	108	3,910	1.093	4,276	15.19	67.7%	39,758	26.1%	0.38	33.0%	10.64	43.4%
x 2014.1	27	274,686	84	1,214	1.086	1,319	4.80	-19.1%	15,697	-16.8%	0.31	-2.7%		
x 2014.2	28	284,643	82	1,829	1.086	1,987	6.98	-54.1%	24,105	-39.4%	0.29	-24.2%	5.91	-44.5%
x 2015.1	29	278,268	138	2,859	1.076	3,076	11.05	130.3%	22,292	42.0%	0.50	62.1%		
x 2015.2	30	287,393	108	3,479	1.076	3,743	13.02	86.6%	34,601	43.5%	0.38	30.0%	12.05	104.0%



Oliver Wyman Selected Age-to-Ultimate Development Factors
As of December 31, 2015
Nova Scotia
Private Passenger Automobile (Excluding Farmers)

As of 2015-2
Age-to-Ultimate Factors
Incurred Claim Amount

	Bodily Injury	Property Damage and DCPD	AB - Disability Income	AB - Medical / Rehab	AB - Funeral	AB - Death	Collision	Compre- hensive	Specified Perils	All Perils	Uninsured Motorist
180-Ult	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
174-Ult	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
168-Ult	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
162-Ult	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
156-Ult	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
150-Ult	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
144-Ult	1.000	1.000	0.995	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
138-Ult	0.996	1.000	0.983	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
132-Ult	0.996	1.000	0.992	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.001
126-Ult	0.994	1.000	0.993	0.999	1.000	1.000	1.000	1.000	1.000	1.000	1.005
120-Ult	0.999	1.000	0.991	0.999	1.000	1.000	1.000	1.000	1.000	1.000	0.980
114-Ult	0.997	1.000	0.995	0.999	1.000	1.000	1.000	1.000	1.000	1.000	0.980
108-Ult	0.996	1.000	1.002	0.999	1.000	1.000	1.000	1.000	1.000	1.000	0.974
102-Ult	0.989	1.000	1.002	1.000	1.000	1.000	1.000	1.000	1.000	1.000	0.974
96-Ult	0.984	1.000	0.999	1.002	1.000	1.000	1.000	1.000	1.000	1.000	0.972
90-Ult	0.983	1.001	0.993	1.001	1.000	1.000	1.000	1.000	1.000	1.000	0.965
84-Ult	0.984	1.001	1.010	0.999	1.000	1.000	1.000	1.000	1.000	1.000	0.968
78-Ult	0.987	1.001	1.018	0.999	1.000	1.000	1.000	1.000	1.000	1.000	0.949
72-Ult	0.997	1.000	1.029	0.998	1.000	1.000	1.000	1.000	1.000	1.000	0.945
66-Ult	0.996	1.000	1.006	0.996	1.000	1.000	1.000	1.000	1.000	1.000	0.903
60-Ult	1.010	1.005	1.026	0.998	0.991	1.003	1.000	1.000	1.000	1.000	0.895
54-Ult	1.022	1.002	1.024	0.992	0.992	1.004	1.000	1.000	1.000	1.000	0.911
48-Ult	1.053	1.005	1.022	0.977	0.992	1.001	1.000	1.000	1.000	1.000	0.901
42-Ult	1.094	1.005	1.122	0.981	0.984	0.998	0.999	1.000	1.000	1.000	0.979
36-Ult	1.147	1.006	1.226	0.978	0.985	0.999	0.998	1.000	1.000	0.998	1.019
30-Ult	1.216	1.006	1.326	1.006	0.920	0.998	0.996	1.000	1.000	0.997	1.079
24-Ult	1.316	1.009	1.599	1.024	0.919	0.986	0.993	1.000	1.000	0.992	1.136
18-Ult	1.415	1.017	1.869	1.049	0.835	0.957	0.986	1.000	1.000	0.980	1.275
12-Ult	1.502	1.021	2.130	0.981	0.789	0.927	0.979	1.003	1.013	0.969	1.512
6-Ult	1.899	0.991	2.048	0.759	0.782	0.973	0.913	1.060	1.070	0.932	2.130

Oliver Wyman Selected Age-to-Ultimate Development Factors
As of December 31, 2015
Nova Scotia
Private Passenger Automobile (Excluding Farmers)

As of 2015-2
Age-to-Ultimate Factors
Incurred Claim Count

	Bodily Injury	Property Damage and DCPD	AB - Disability Income	AB - Medical / Rehab	AB - Funeral	AB - Death	Collision	Compre- hensive	Specified Perils	All Perils	Uninsured Motorist
180-Ult	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
174-Ult	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
168-Ult	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
162-Ult	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
156-Ult	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
150-Ult	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
144-Ult	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
138-Ult	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
132-Ult	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	0.999
126-Ult	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	0.999
120-Ult	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	0.999
114-Ult	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	0.999
108-Ult	0.999	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	0.999
102-Ult	0.999	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	0.998
96-Ult	0.998	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	0.996
90-Ult	0.998	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	0.993
84-Ult	0.997	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	0.992
78-Ult	0.996	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	0.993
72-Ult	0.996	1.000	1.001	1.000	1.000	1.000	1.000	1.000	1.000	1.000	0.995
66-Ult	0.994	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	0.991
60-Ult	0.994	1.000	1.001	1.000	1.000	1.004	1.000	1.000	1.000	1.000	0.984
54-Ult	0.990	1.000	1.002	1.000	1.002	1.004	1.000	1.000	1.000	1.000	0.977
48-Ult	0.991	1.000	1.001	1.000	1.002	1.000	1.000	1.000	1.000	1.000	0.971
42-Ult	0.989	1.000	1.001	1.000	0.998	0.996	1.000	1.000	1.000	1.000	0.970
36-Ult	0.986	1.000	0.998	1.000	1.002	1.004	0.999	1.000	1.000	1.000	0.971
30-Ult	0.984	1.001	0.997	1.000	0.996	1.000	0.999	1.000	1.000	1.000	0.969
24-Ult	0.973	1.001	0.990	0.999	0.989	0.989	0.998	1.001	1.000	1.000	0.966
18-Ult	0.947	1.003	0.973	0.996	0.974	0.956	0.995	1.002	1.000	0.998	0.958
12-Ult	0.903	1.002	0.935	0.971	0.918	0.910	0.984	1.009	1.000	0.995	0.979
6-Ult	0.953	0.995	0.821	0.833	0.932	0.886	0.944	1.124	1.004	1.041	1.127

Province of Nova Scotia
Private Passenger Vehicles
Industry Data as of December 31, 2015

Third Party Liability - Bodily Injury

No Seasonality
Adjusted by 1.23 for April 2010 Reforms

Date	Loss Cost				Severity				Frequency			
	Trend	Conf. Int.	Adj. R2	T Pval Time	Trend	Conf. Int.	Adj. R2	T Pval Time	Trend	Conf. Int.	Adj. R2	T Pval Time
2006.1-2015.2	2.1	+2.6	0.1	9.6%	4.3	+1.5	0.65	0.0%	-2.1	+1.4	0.29	0.8%
2006.2-2015.2	2.3	+2.8	0.1	10.7%	4.4	+1.7	0.63	0.0%	-2	+1.6	0.25	1.8%
2007.1-2015.2	3.4	+2.9	0.25	2.1%	4.8	+1.8	0.65	0.0%	-1.3	+1.6	0.12	8.9%
2007.2-2015.2	3.9	+3.2	0.28	1.7%	5	+2.1	0.63	0.0%	-1.1	+1.7	0.05	20.3%
2008.1-2015.2	5.2	+3.2	0.44	0.3%	5.6	+2.2	0.66	0.0%	-0.4	+1.7	-0.05	62.2%
2008.2-2015.2	4.5	+3.5	0.33	1.5%	5.8	+2.6	0.63	0.0%	-1.2	+1.7	0.09	14.5%
2009.1-2015.2	4.6	+4.1	0.29	2.8%	6	+3	0.6	0.1%	-1.3	+1.9	0.09	15.6%
2009.2-2015.2	4.1	+4.8	0.18	8.0%	6	+3.5	0.54	0.2%	-1.8	+2.2	0.16	9.8%
2010.1-2015.2	5.6	+5.3	0.3	3.7%	7.3	+3.7	0.64	0.1%	-1.6	+2.6	0.07	20.7%
2010.2-2015.2	4.4	+6.1	0.15	13.1%	6.6	+4.4	0.53	0.7%	-2.1	+3	0.12	15.8%
2011.1-2015.2	4	+7.6	0.06	24.9%	5.6	+5.2	0.38	3.4%	-1.5	+3.7	-0.02	38.0%
2011.2-2015.2	2.3	+9.2	-0.09	57.4%	5.1	+6.6	0.24	10.5%	-2.7	+4.2	0.13	17.9%
2012.1-2015.2	4.9	+11.6	0.02	32.8%	6.3	+8.6	0.26	11.4%	-1.3	+5.1	-0.09	54.8%

Date	Loss Cost				Severity				Frequency			
	Trend	Conf. Int.	Adj. R2	T Pval Time	Trend	Conf. Int.	Adj. R2	T Pval Time	Trend	Conf. Int.	Adj. R2	T Pval Time
2005.2-2015.1	0.7	+2.5	-0.04	59.0%	3.4	+1.5	0.56	0.0%	-2.6	+1.5	0.39	0.2%
2006.1-2015.1	1.4	+2.7	0.01	27.6%	3.7	+1.6	0.59	0.0%	-2.2	+1.6	0.3	0.9%
2006.2-2015.1	1.5	+3	0.01	29.8%	3.8	+1.7	0.56	0.0%	-2.2	+1.8	0.26	1.8%
2007.1-2015.1	2.7	+3	0.14	7.9%	4.2	+1.9	0.58	0.0%	-1.5	+1.7	0.12	9.1%
2007.2-2015.1	3.1	+3.4	0.17	6.5%	4.4	+2.2	0.56	0.0%	-1.2	+2	0.05	20.4%
2008.1-2015.1	4.5	+3.5	0.33	1.5%	5	+2.4	0.59	0.0%	-0.5	+2	-0.06	61.8%
2008.2-2015.1	3.6	+3.9	0.2	6.1%	5.1	+2.8	0.55	0.1%	-1.4	+1.9	0.1	14.0%
2009.1-2015.1	3.6	+4.6	0.15	10.7%	5.3	+3.3	0.5	0.4%	-1.6	+2.2	0.11	14.6%
2009.2-2015.1	2.8	+5.3	0.04	26.0%	5.1	+3.9	0.41	1.4%	-2.2	+2.5	0.19	8.6%
2010.1-2015.1	4.3	+6.1	0.14	13.6%	6.4	+4.3	0.52	0.7%	-2	+3	0.1	18.2%
2010.2-2015.1	2.6	+7	-0.03	40.6%	5.4	+5.1	0.37	3.6%	-2.7	+3.6	0.17	13.0%
2011.1-2015.1	1.7	+8.7	-0.11	65.7%	3.9	+5.9	0.16	15.8%	-2.1	+4.5	0.02	31.6%
2011.2-2015.1	-1.2	+10.1	-0.15	78.7%	2.7	+7.5	-0.03	40.4%	-3.8	+5.1	0.23	12.7%

Third Party Liability - Bodily Injury

Date	Loss Cost				Severity				Frequency			
	Trend	Conf. Int.	Adj. R2	T Pval Time	Trend	Conf. Int.	Adj. R2	T Pval Time	Trend	Conf. Int.	Adj. R2	T Pval Time
2005.1-2014.2	0.3	+2.6	-0.05	81.3%	3.5	+1.4	0.59	0.0%	-3.1	+1.5	0.48	0.0%
2005.2-2014.2	0.7	+2.8	-0.04	62.6%	3.6	+1.6	0.56	0.0%	-2.8	+1.6	0.4	0.2%
2006.1-2014.2	1.5	+3	0.01	29.9%	4	+1.7	0.6	0.0%	-2.4	+1.8	0.3	1.1%
2006.2-2014.2	1.6	+3.4	0	31.9%	4.2	+1.9	0.57	0.0%	-2.4	+2	0.26	2.1%
2007.1-2014.2	2.9	+3.5	0.14	8.5%	4.7	+2.1	0.6	0.0%	-1.6	+2	0.12	10.2%
2007.2-2014.2	3.5	+3.9	0.17	6.8%	5	+2.4	0.59	0.0%	-1.3	+2.3	0.04	22.2%
2008.1-2014.2	5.1	+4	0.36	1.4%	5.7	+2.6	0.64	0.0%	-0.5	+2.3	-0.06	65.0%
2008.2-2014.2	4.2	+4.5	0.23	5.7%	5.9	+3.1	0.6	0.1%	-1.6	+2.2	0.1	15.2%
2009.1-2014.2	4.3	+5.4	0.18	9.8%	6.3	+3.6	0.57	0.3%	-1.8	+2.6	0.11	15.3%
2009.2-2014.2	3.5	+6.4	0.06	23.6%	6.3	+4.4	0.5	0.9%	-2.6	+3	0.21	8.6%
2010.1-2014.2	5.6	+7.4	0.19	11.3%	8.2	+4.6	0.65	0.3%	-2.4	+3.7	0.12	17.4%
2010.2-2014.2	3.7	+8.8	0	34.4%	7.4	+5.8	0.53	1.6%	-3.4	+4.4	0.22	11.5%
2011.1-2014.2	2.8	+11.6	-0.1	56.4%	5.9	+7.1	0.33	8.1%	-2.9	+5.9	0.06	27.8%

No Seasonality

Adjusted by 1.23 for April 2010 Reforms

Excluding 2010-2

Date	Loss Cost				Severity				Frequency			
	Trend	Conf. Int.	Adj. R2	T Pval Time	Trend	Conf. Int.	Adj. R2	T Pval Time	Trend	Conf. Int.	Adj. R2	T Pval Time
2006.1-2015.2	2.1	+2.6	0.1	10.6%	4.2	+1.5	0.67	0.0%	-2	+1.5	0.29	1.0%
2006.2-2015.2	2.2	+2.9	0.09	12.0%	4.3	+1.7	0.65	0.0%	-2	+1.7	0.24	2.1%
2007.1-2015.2	3.3	+3	0.24	2.7%	4.7	+1.8	0.66	0.0%	-1.3	+1.6	0.11	10.4%
2007.2-2015.2	3.9	+3.3	0.27	2.3%	4.9	+2	0.65	0.0%	-1	+1.8	0.03	24.2%
2008.1-2015.2	5.1	+3.4	0.43	0.5%	5.4	+2.2	0.67	0.0%	-0.3	+1.7	-0.07	74.9%
2008.2-2015.2	4.4	+3.8	0.31	2.2%	5.5	+2.6	0.63	0.0%	-1	+1.7	0.06	20.9%
2009.1-2015.2	4.5	+4.5	0.26	4.3%	5.7	+3.1	0.58	0.1%	-1.1	+2	0.04	24.8%
2009.2-2015.2	3.9	+5.3	0.14	12.6%	5.5	+3.7	0.49	0.7%	-1.5	+2.3	0.09	18.2%
2010.1-2015.2	5.7	+6.2	0.26	6.2%	6.8	+4.2	0.57	0.4%	-1.1	+2.8	-0.03	42.0%
2010.2-2015.2	4	+7.6	0.06	24.9%	5.6	+5.2	0.38	3.4%	-1.5	+3.7	-0.02	38.0%
2011.1-2015.2	4	+7.6	0.06	24.9%	5.6	+5.2	0.38	3.4%	-1.5	+3.7	-0.02	38.0%
2011.2-2015.2	2.3	+9.2	-0.09	57.4%	5.1	+6.6	0.24	10.5%	-2.7	+4.2	0.13	17.9%
2012.1-2015.2	4.9	+11.6	0.02	32.8%	6.3	+8.6	0.26	11.4%	-1.3	+5.1	-0.09	54.8%

Third Party Liability - Bodily Injury

Date	Loss Cost				Severity				Frequency			
	Trend	Conf. Int.	Adj. R2	T Pval Time	Trend	Conf. Int.	Adj. R2	T Pval Time	Trend	Conf. Int.	Adj. R2	T Pval Time
2005.2-2015.1	0.7	+2.6	-0.04	59.2%	3.4	+1.4	0.59	0.0%	-2.6	+1.5	0.4	0.2%
2006.1-2015.1	1.4	+2.8	0.01	28.8%	3.7	+1.5	0.62	0.0%	-2.2	+1.6	0.3	1.0%
2006.2-2015.1	1.5	+3.1	0	31.5%	3.8	+1.7	0.59	0.0%	-2.2	+1.8	0.26	2.1%
2007.1-2015.1	2.6	+3.2	0.13	9.2%	4.2	+1.9	0.6	0.0%	-1.5	+1.8	0.12	10.3%
2007.2-2015.1	3.1	+3.6	0.16	7.9%	4.3	+2.1	0.58	0.1%	-1.2	+2	0.04	23.6%
2008.1-2015.1	4.5	+3.7	0.32	2.0%	4.8	+2.4	0.6	0.1%	-0.3	+2	-0.07	72.5%
2008.2-2015.1	3.5	+4.1	0.18	8.1%	4.8	+2.8	0.54	0.3%	-1.2	+1.9	0.07	19.5%
2009.1-2015.1	3.5	+5	0.12	14.4%	4.9	+3.4	0.47	0.8%	-1.3	+2.3	0.06	22.8%
2009.2-2015.1	2.5	+5.9	0	35.3%	4.5	+4.1	0.35	3.3%	-1.9	+2.7	0.12	16.0%
2010.1-2015.1	4.3	+7.2	0.1	19.8%	5.8	+4.9	0.43	2.3%	-1.4	+3.4	-0.01	36.8%
2010.2-2015.1	1.7	+8.7	-0.11	65.7%	3.9	+5.9	0.16	15.8%	-2.1	+4.5	0.02	31.6%
2011.1-2015.1	1.7	+8.7	-0.11	65.7%	3.9	+5.9	0.16	15.8%	-2.1	+4.5	0.02	31.6%
2011.2-2015.1	-1.2	+10.1	-0.15	78.7%	2.7	+7.5	-0.03	40.4%	-3.8	+5.1	0.23	12.7%

Date	Loss Cost				Severity				Frequency			
	Trend	Conf. Int.	Adj. R2	T Pval Time	Trend	Conf. Int.	Adj. R2	T Pval Time	Trend	Conf. Int.	Adj. R2	T Pval Time
2005.1-2014.2	0.3	+2.6	-0.05	79.4%	3.6	+1.4	0.63	0.0%	-3.2	+1.5	0.49	0.0%
2005.2-2014.2	0.7	+2.9	-0.05	62.1%	3.7	+1.5	0.6	0.0%	-2.9	+1.7	0.41	0.3%
2006.1-2014.2	1.5	+3.1	0.01	30.8%	4.1	+1.6	0.64	0.0%	-2.4	+1.8	0.31	1.2%
2006.2-2014.2	1.6	+3.5	0	33.3%	4.2	+1.9	0.61	0.0%	-2.4	+2	0.27	2.4%
2007.1-2014.2	2.9	+3.6	0.13	9.8%	4.6	+2	0.63	0.0%	-1.6	+2	0.12	11.1%
2007.2-2014.2	3.5	+4.1	0.17	8.2%	4.9	+2.3	0.62	0.0%	-1.3	+2.3	0.04	24.7%
2008.1-2014.2	5.1	+4.2	0.35	2.0%	5.5	+2.6	0.65	0.0%	-0.4	+2.3	-0.08	73.6%
2008.2-2014.2	4.2	+4.8	0.21	7.7%	5.7	+3.1	0.6	0.2%	-1.4	+2.3	0.07	20.2%
2009.1-2014.2	4.2	+5.9	0.15	13.2%	5.9	+3.7	0.55	0.5%	-1.6	+2.7	0.06	22.9%
2009.2-2014.2	3.2	+7.2	0.01	32.1%	5.6	+4.7	0.44	2.2%	-2.3	+3.3	0.14	15.4%
2010.1-2014.2	5.7	+8.9	0.15	16.6%	7.7	+5.4	0.58	1.0%	-1.9	+4.3	0	34.6%
2010.2-2014.2	2.8	+11.6	-0.1	56.4%	5.9	+7.1	0.33	8.1%	-2.9	+5.9	0.06	27.8%
2011.1-2014.2	2.8	+11.6	-0.1	56.4%	5.9	+7.1	0.33	8.1%	-2.9	+5.9	0.06	27.8%

Third Party Liability - Bodily Injury

With Seasonality
Adjusted by 1.23 for April 2010 Reforms

Date	Loss Cost					Severity					Frequency				
	Trend	Conf. Int.	Adj. R2	T Pval Time	T Pval Seasonality	Trend	Conf. Int.	Adj. R2	T Pval Time	T Pval Seasonality	Trend	Conf. Int.	Adj. R2	T Pval Time	T Pval Seasonality
2006.1-2015.2	1.8	+-1.8	0.53	5.5%	0.1%	4.1	+-1.3	0.76	0.0%	0.8%	-2.2	+-1.2	0.54	0.1%	0.4%
2006.2-2015.2	2.3	+-2	0.58	2.4%	0.0%	4.4	+-1.4	0.76	0.0%	0.5%	-2	+-1.3	0.53	0.4%	0.4%
2007.1-2015.2	3	+-2	0.64	0.5%	0.1%	4.6	+-1.5	0.76	0.0%	1.0%	-1.5	+-1.3	0.43	2.3%	0.7%
2007.2-2015.2	3.9	+-1.8	0.77	0.0%	0.0%	5	+-1.6	0.79	0.0%	0.4%	-1.1	+-1.3	0.48	9.3%	0.2%
2008.1-2015.2	4.7	+-1.8	0.82	0.0%	0.0%	5.3	+-1.8	0.79	0.0%	1.0%	-0.6	+-1.3	0.39	32.6%	0.5%
2008.2-2015.2	4.5	+-2.1	0.78	0.0%	0.0%	5.8	+-1.9	0.79	0.0%	0.6%	-1.2	+-1.3	0.47	6.4%	0.7%
2009.1-2015.2	3.9	+-2.3	0.79	0.2%	0.0%	5.6	+-2.3	0.77	0.0%	0.9%	-1.6	+-1.4	0.56	2.4%	0.4%
2009.2-2015.2	4.1	+-2.6	0.76	0.6%	0.0%	6	+-2.6	0.75	0.0%	1.0%	-1.8	+-1.6	0.56	3.1%	0.8%
2010.1-2015.2	4.7	+-3.1	0.77	0.7%	0.1%	6.8	+-3	0.78	0.0%	2.4%	-1.9	+-1.9	0.51	4.7%	1.2%
2010.2-2015.2	4.4	+-3.8	0.69	2.4%	0.3%	6.6	+-3.6	0.69	0.2%	4.2%	-2.1	+-2.3	0.5	7.5%	2.3%
2011.1-2015.2	2.5	+-3.5	0.81	12.8%	0.1%	4.7	+-3.2	0.78	0.9%	0.5%	-2	+-3	0.38	15.5%	4.4%
2011.2-2015.2	2.3	+-4.5	0.75	26.1%	0.2%	5.1	+-4	0.74	1.9%	0.9%	-2.7	+-3.6	0.41	12.1%	8.5%
2012.1-2015.2	2.6	+-6.3	0.73	32.5%	0.9%	4.7	+-5.6	0.72	7.7%	2.1%	-2	+-4.9	0.12	34.8%	17.7%

Date	Loss Cost					Severity					Frequency				
	Trend	Conf. Int.	Adj. R2	T Pval Time	T Pval Seasonality	Trend	Conf. Int.	Adj. R2	T Pval Time	T Pval Seasonality	Trend	Conf. Int.	Adj. R2	T Pval Time	T Pval Seasonality
2005.2-2015.1	1	+-1.9	0.46	27.7%	0.1%	3.5	+-1.2	0.69	0.0%	0.8%	-2.5	+-1.2	0.62	0.0%	0.4%
2006.1-2015.1	1.4	+-2	0.46	14.6%	0.1%	3.7	+-1.3	0.7	0.0%	1.4%	-2.2	+-1.3	0.54	0.2%	0.7%
2006.2-2015.1	1.9	+-2.1	0.51	7.3%	0.1%	4	+-1.5	0.7	0.0%	1.0%	-2	+-1.4	0.53	0.9%	0.6%
2007.1-2015.1	2.7	+-2.2	0.57	1.9%	0.1%	4.2	+-1.6	0.7	0.0%	1.9%	-1.5	+-1.4	0.42	4.3%	1.1%
2007.2-2015.1	3.7	+-2.1	0.71	0.2%	0.0%	4.7	+-1.7	0.72	0.0%	1.0%	-1	+-1.5	0.48	18.3%	0.4%
2008.1-2015.1	4.5	+-2.1	0.77	0.0%	0.0%	5	+-2	0.73	0.0%	1.9%	-0.5	+-1.5	0.4	51.1%	0.6%
2008.2-2015.1	4.2	+-2.4	0.71	0.2%	0.1%	5.4	+-2.2	0.72	0.0%	1.4%	-1.1	+-1.5	0.47	12.6%	1.2%
2009.1-2015.1	3.6	+-2.6	0.73	1.1%	0.1%	5.3	+-2.6	0.69	0.1%	1.9%	-1.6	+-1.6	0.55	5.2%	0.6%
2009.2-2015.1	3.7	+-3.2	0.68	2.4%	0.1%	5.6	+-3.1	0.64	0.2%	2.3%	-1.8	+-1.9	0.55	6.6%	1.5%
2010.1-2015.1	4.3	+-3.7	0.69	2.6%	0.3%	6.4	+-3.6	0.68	0.3%	4.6%	-2	+-2.3	0.5	8.8%	2.1%
2010.2-2015.1	3.8	+-4.7	0.58	9.1%	1.0%	6.1	+-4.6	0.54	1.4%	8.6%	-2.1	+-3	0.49	13.4%	4.4%
2011.1-2015.1	1.7	+-4.2	0.76	35.7%	0.2%	3.9	+-3.7	0.68	4.2%	1.2%	-2.1	+-3.8	0.35	23.2%	7.5%
2011.2-2015.1	0.9	+-5.6	0.7	71.1%	0.8%	4.1	+-5.3	0.58	9.7%	2.7%	-3.1	+-4.9	0.4	17.2%	16.6%

Third Party Liability - Bodily Injury

Date	Loss Cost					Severity					Frequency				
	Trend	Conf. Int.	Adj. R2	T Pval Time	T Pval Seasonality	Trend	Conf. Int.	Adj. R2	T Pval Time	T Pval Seasonality	Trend	Conf. Int.	Adj. R2	T Pval Time	T Pval Seasonality
2005.1-2014.2	0	+2	0.38	99.4%	0.2%	3.4	+1.2	0.69	0.0%	1.5%	-3.3	+1.2	0.66	0.0%	0.5%
2005.2-2014.2	0.7	+2	0.48	49.2%	0.1%	3.6	+1.4	0.68	0.0%	1.3%	-2.8	+1.2	0.67	0.0%	0.1%
2006.1-2014.2	1.1	+2.2	0.48	29.2%	0.1%	3.9	+1.5	0.7	0.0%	2.5%	-2.6	+1.4	0.59	0.1%	0.3%
2006.2-2014.2	1.6	+2.4	0.52	16.0%	0.1%	4.2	+1.6	0.7	0.0%	1.8%	-2.4	+1.5	0.58	0.4%	0.3%
2007.1-2014.2	2.5	+2.5	0.56	4.9%	0.2%	4.4	+1.8	0.7	0.0%	3.5%	-1.9	+1.5	0.48	2.2%	0.6%
2007.2-2014.2	3.5	+2.4	0.71	0.6%	0.0%	5	+2	0.73	0.0%	1.9%	-1.3	+1.6	0.54	9.0%	0.2%
2008.1-2014.2	4.5	+2.4	0.77	0.2%	0.1%	5.4	+2.3	0.74	0.0%	3.9%	-0.8	+1.7	0.45	30.8%	0.5%
2008.2-2014.2	4.2	+2.8	0.7	0.7%	0.2%	5.9	+2.5	0.74	0.0%	2.8%	-1.6	+1.6	0.54	5.6%	0.7%
2009.1-2014.2	3.4	+3.1	0.73	3.5%	0.1%	5.8	+3.1	0.71	0.2%	4.2%	-2.3	+1.6	0.69	1.1%	0.2%
2009.2-2014.2	3.5	+3.8	0.67	6.3%	0.3%	6.3	+3.7	0.67	0.4%	4.6%	-2.6	+1.9	0.7	1.4%	0.4%
2010.1-2014.2	4.3	+4.8	0.68	6.8%	0.8%	7.6	+4.2	0.74	0.3%	10.1%	-3.1	+2.2	0.7	1.4%	0.5%
2010.2-2014.2	3.7	+6.1	0.56	17.6%	2.0%	7.4	+5.4	0.62	1.3%	15.6%	-3.4	+2.8	0.71	2.6%	1.2%
2011.1-2014.2	0.5	+5.3	0.79	81.9%	0.4%	4.7	+5.1	0.7	6.0%	3.4%	-4	+3.7	0.66	4.4%	1.9%

With Seasonality
Adjusted by 1.23 for April 2010 Reforms
Excluding 2010-2

Date	Loss Cost					Severity					Frequency				
	Trend	Conf. Int.	Adj. R2	T Pval Time	T Pval Seasonality	Trend	Conf. Int.	Adj. R2	T Pval Time	T Pval Seasonality	Trend	Conf. Int.	Adj. R2	T Pval Time	T Pval Seasonality
2006.1-2015.2	1.7	+1.7	0.61	5.0%	0.0%	4	+1	0.84	0.0%	0.0%	-2.2	+1.2	0.53	0.1%	0.7%
2006.2-2015.2	2.2	+1.8	0.65	2.0%	0.0%	4.3	+1.1	0.85	0.0%	0.0%	-2	+1.3	0.52	0.6%	0.6%
2007.1-2015.2	2.8	+1.9	0.7	0.5%	0.0%	4.4	+1.2	0.85	0.0%	0.1%	-1.5	+1.3	0.39	3.0%	1.3%
2007.2-2015.2	3.7	+1.6	0.82	0.0%	0.0%	4.8	+1.2	0.87	0.0%	0.0%	-1.1	+1.3	0.44	11.4%	0.5%
2008.1-2015.2	4.4	+1.7	0.86	0.0%	0.0%	5	+1.4	0.87	0.0%	0.1%	-0.5	+1.4	0.33	41.0%	1.2%
2008.2-2015.2	4.2	+1.9	0.82	0.0%	0.0%	5.4	+1.5	0.87	0.0%	0.0%	-1.1	+1.3	0.41	9.6%	1.5%
2009.1-2015.2	3.2	+1.9	0.87	0.3%	0.0%	4.9	+1.7	0.88	0.0%	0.0%	-1.6	+1.5	0.49	4.5%	0.9%
2009.2-2015.2	3.3	+2.3	0.85	0.9%	0.0%	5.1	+2	0.85	0.0%	0.1%	-1.7	+1.8	0.49	5.8%	1.6%
2010.1-2015.2	3.4	+3	0.84	2.9%	0.0%	5.4	+2.6	0.85	0.1%	0.3%	-1.9	+2.3	0.39	10.1%	2.8%
2010.2-2015.2	2.5	+3.5	0.81	12.8%	0.1%	4.7	+3.2	0.78	0.9%	0.5%	-2	+3	0.38	15.5%	4.4%
2011.1-2015.2	2.5	+3.5	0.81	12.8%	0.1%	4.7	+3.2	0.78	0.9%	0.5%	-2	+3	0.38	15.5%	4.4%
2011.2-2015.2	2.3	+4.5	0.75	26.1%	0.2%	5.1	+4	0.74	1.9%	0.9%	-2.7	+3.6	0.41	12.1%	8.5%
2012.1-2015.2	2.6	+6.3	0.73	32.5%	0.9%	4.7	+5.6	0.72	7.7%	2.1%	-2	+4.9	0.12	34.8%	17.7%

Third Party Liability - Bodily Injury

Date	Loss Cost					Severity					Frequency				
	Trend	Conf. Int.	Adj. R2	T Pval Time	T Pval Seasonality	Trend	Conf. Int.	Adj. R2	T Pval Time	T Pval Seasonality	Trend	Conf. Int.	Adj. R2	T Pval Time	T Pval Seasonality
2005.2-2015.1	1	+-1.7	0.55	22.1%	0.0%	3.6	+-1	0.81	0.0%	0.0%	-2.5	+-1.2	0.61	0.1%	0.5%
2006.1-2015.1	1.4	+-1.9	0.54	12.6%	0.0%	3.7	+-1.1	0.81	0.0%	0.1%	-2.2	+-1.3	0.52	0.3%	1.1%
2006.2-2015.1	1.9	+-2	0.59	5.9%	0.0%	4	+-1.2	0.81	0.0%	0.1%	-2	+-1.5	0.51	1.2%	1.0%
2007.1-2015.1	2.6	+-2.1	0.63	1.8%	0.1%	4.1	+-1.3	0.81	0.0%	0.1%	-1.5	+-1.5	0.39	5.3%	1.9%
2007.2-2015.1	3.6	+-1.9	0.78	0.1%	0.0%	4.6	+-1.3	0.84	0.0%	0.1%	-0.9	+-1.5	0.44	20.7%	0.7%
2008.1-2015.1	4.3	+-1.9	0.82	0.0%	0.0%	4.7	+-1.6	0.83	0.0%	0.1%	-0.4	+-1.6	0.34	58.3%	1.5%
2008.2-2015.1	4	+-2.2	0.77	0.2%	0.0%	5.1	+-1.7	0.83	0.0%	0.1%	-1.1	+-1.6	0.4	16.4%	2.4%
2009.1-2015.1	3	+-2.2	0.84	1.1%	0.0%	4.6	+-1.9	0.83	0.0%	0.1%	-1.5	+-1.8	0.48	8.2%	1.5%
2009.2-2015.1	2.9	+-2.7	0.8	3.4%	0.0%	4.7	+-2.4	0.79	0.2%	0.2%	-1.7	+-2.2	0.48	10.5%	2.9%
2010.1-2015.1	3	+-3.5	0.79	8.0%	0.1%	5	+-3.1	0.79	0.6%	0.7%	-1.9	+-2.8	0.37	15.7%	4.6%
2010.2-2015.1	1.7	+-4.2	0.76	35.7%	0.2%	3.9	+-3.7	0.68	4.2%	1.2%	-2.1	+-3.8	0.35	23.2%	7.5%
2011.1-2015.1	1.7	+-4.2	0.76	35.7%	0.2%	3.9	+-3.7	0.68	4.2%	1.2%	-2.1	+-3.8	0.35	23.2%	7.5%
2011.2-2015.1	0.9	+-5.6	0.7	71.1%	0.8%	4.1	+-5.3	0.58	9.7%	2.7%	-3.1	+-4.9	0.4	17.2%	16.6%

Date	Loss Cost					Severity					Frequency				
	Trend	Conf. Int.	Adj. R2	T Pval Time	T Pval Seasonality	Trend	Conf. Int.	Adj. R2	T Pval Time	T Pval Seasonality	Trend	Conf. Int.	Adj. R2	T Pval Time	T Pval Seasonality
2005.1-2014.2	0.1	+-1.9	0.46	95.4%	0.1%	3.5	+-1	0.8	0.0%	0.1%	-3.3	+-1.3	0.65	0.0%	0.8%
2005.2-2014.2	0.7	+-1.9	0.57	41.9%	0.0%	3.7	+-1.1	0.8	0.0%	0.1%	-2.8	+-1.3	0.67	0.0%	0.2%
2006.1-2014.2	1.1	+-2.1	0.56	26.6%	0.1%	3.9	+-1.2	0.81	0.0%	0.2%	-2.6	+-1.4	0.58	0.1%	0.5%
2006.2-2014.2	1.6	+-2.2	0.6	13.6%	0.0%	4.2	+-1.3	0.81	0.0%	0.1%	-2.4	+-1.6	0.57	0.5%	0.5%
2007.1-2014.2	2.4	+-2.4	0.63	4.8%	0.1%	4.3	+-1.5	0.81	0.0%	0.3%	-1.9	+-1.6	0.45	2.8%	1.2%
2007.2-2014.2	3.4	+-2.2	0.77	0.4%	0.0%	4.8	+-1.5	0.84	0.0%	0.1%	-1.3	+-1.7	0.5	10.8%	0.5%
2008.1-2014.2	4.2	+-2.3	0.82	0.2%	0.0%	5	+-1.8	0.84	0.0%	0.4%	-0.8	+-1.8	0.38	37.1%	1.3%
2008.2-2014.2	3.9	+-2.7	0.76	0.8%	0.1%	5.5	+-2	0.84	0.0%	0.3%	-1.5	+-1.7	0.49	8.1%	1.5%
2009.1-2014.2	2.6	+-2.6	0.85	4.8%	0.0%	4.9	+-2.3	0.84	0.1%	0.3%	-2.3	+-1.8	0.63	2.1%	0.5%
2009.2-2014.2	2.5	+-3.2	0.81	10.8%	0.1%	5.2	+-2.9	0.8	0.3%	0.6%	-2.6	+-2.2	0.64	2.8%	1.0%
2010.1-2014.2	2.3	+-4.6	0.8	26.6%	0.3%	5.9	+-4	0.81	1.0%	2.3%	-3.4	+-2.8	0.64	2.8%	1.0%
2010.2-2014.2	0.5	+-5.3	0.79	81.9%	0.4%	4.7	+-5.1	0.7	6.0%	3.4%	-4	+-3.7	0.66	4.4%	1.9%
2011.1-2014.2	0.5	+-5.3	0.79	81.9%	0.4%	4.7	+-5.1	0.7	6.0%	3.4%	-4	+-3.7	0.66	4.4%	1.9%

Third Party Liability - Bodily Injury

Measured Reform Factors- with Seasonality

Date	Severity						
	Trend	Conf. Int.	Adj. R2	T Pval Time	T Pval Seasonality	T Pval Level	LVI Ch Val: Level
2004.1-2015.2	3.2	+-2.3	0.86	0.7%	1.2%	2.1%	1.2074

Date	Severity						
	Trend	Conf. Int.	Adj. R2	T Pval Time	T Pval Seasonality	T Pval Level	LVI Ch Val: Level
2004.1-2015.1	2.6	+-2.3	0.85	2.5%	2.1%	0.9%	1.2358

Date	Severity						
	Trend	Conf. Int.	Adj. R2	T Pval Time	T Pval Seasonality	T Pval Level	LVI Ch Val: Level
2004.2-2015.2	3.6	+-2.3	0.88	0.4%	0.6%	2.2%	1.1897

Excluding 2010-2

Date	Severity						
	Trend	Conf. Int.	Adj. R2	T Pval Time	T Pval Seasonality	T Pval Level	LVI Ch Val: Level
2004.1-2015.1	1.6	+-1.9	0.91	9.7%	0.1%	0.0%	1.3459

Province of Nova Scotia
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Third Party Liability - Property Damage & DCPD

With Seasonality
Reform Parameter for April 2013

Date	Loss Cost							Severity							Frequency						
	Trend	Conf. Int.	Adj. R2	T Pval Time	T Pval Seasonality	T Pval Level	Lvl Ch Val: Level	Trend	Conf. Int.	Adj. R2	T Pval Time	T Pval Seasonality	T Pval Level	Lvl Ch Val: Level	Trend	Conf. Int.	Adj. R2	T Pval Time	T Pval Seasonality	T Pval Level	Lvl Ch Val: Level
2006.1-2015.2	3	+2.1	0.83	0.8%	3.4%	1.2%	1.2004	2	+0.9	0.89	0.0%	4.2%	1.1%	1.0849	0.9	+1.9	0.52	30.2%	14.4%	9.8%	1.1065
2006.2-2015.2	2.7	+2.4	0.8	2.8%	5.2%	1.4%	1.2122	2.3	+1	0.89	0.0%	2.8%	2.6%	1.0746	0.4	+2	0.47	64.7%	22.6%	6.0%	1.1281
2007.1-2015.2	2.9	+2.8	0.8	4.6%	7.4%	2.5%	1.2068	2.3	+1.2	0.88	0.1%	4.0%	4.0%	1.0738	0.5	+2.4	0.46	62.9%	27.4%	9.0%	1.1238
2007.2-2015.2	2.7	+3.3	0.77	9.7%	10.0%	3.4%	1.2123	2.3	+1.4	0.86	0.4%	5.5%	5.5%	1.0748	0.4	+2.8	0.43	73.6%	32.1%	10.9%	1.1279
2008.1-2015.2	3.7	+3.9	0.79	5.7%	17.5%	8.2%	1.1758	2.9	+1.5	0.89	0.1%	10.8%	14.3%	1.0541	0.8	+3.3	0.43	62.0%	41.2%	17.8%	1.1155
2008.2-2015.2	3.2	+4.6	0.75	14.6%	23.6%	8.9%	1.1925	3.3	+1.7	0.89	0.1%	7.1%	29.9%	1.0391	-0.1	+3.8	0.37	95.7%	56.8%	11.8%	1.1476
2009.1-2015.2	2.9	+5.7	0.73	28.1%	24.8%	10.8%	1.2049	3.5	+2.1	0.88	0.4%	11.4%	42.6%	1.0331	-0.6	+4.7	0.35	77.0%	51.0%	11.9%	1.1662
2009.2-2015.2	3.5	+7	0.7	27.8%	24.6%	19.1%	1.1827	4.2	+2.5	0.88	0.3%	7.2%	75.1%	1.0135	-0.7	+5.8	0.31	80.6%	54.8%	16.6%	1.167
2010.1-2015.2	5	+9	0.7	22.7%	38.0%	34.7%	1.1419	4.4	+3.1	0.86	1.1%	11.9%	86.1%	1.0085	0.5	+7.4	0.33	87.5%	72.7%	31.0%	1.1322
2010.2-2015.2	4.7	+11.4	0.63	35.1%	44.2%	39.1%	1.1489	4	+3.9	0.81	4.4%	18.1%	74.3%	1.0182	0.7	+9.4	0.26	87.2%	74.0%	38.7%	1.1284
2011.1-2015.2	8	+13.9	0.67	19.3%	72.0%	64.8%	1.0792	4.5	+5.1	0.78	6.6%	30.1%	90.4%	1.0075	3.3	+11.6	0.35	50.2%	95.6%	63.5%	1.0712
2012.1-2015.2	14.8	+13.7	0.86	3.2%	86.2%	83.7%	1.0252	7.3	+4	0.93	0.6%	19.9%	61.3%	0.9809	7	+15.4	0.48	26.2%	61.0%	76.2%	1.0452
2012.2-2015.2	14.8	+18.2	0.77	6.9%	91.8%	84.3%	1.0299	7.3	+5.3	0.89	2.0%	28.5%	70.9%	0.9827	7	+20.5	0.27	34.0%	69.7%	79.5%	1.0481
2013.1-2015.2	13.4	+24.3	0.75	12.6%	57.3%	41.2%	1.283	7.9	+4.3	0.95	1.4%	8.2%	12.4%	0.8902	5.1	+23.4	0.48	43.2%	34.2%	28.3%	1.4413

With Seasonality
Reform Parameter for April 2013
Excluding 2015-1

Date	Loss Cost							Severity							Frequency						
	Trend	Conf. Int.	Adj. R2	T Pval Time	T Pval Seasonality	T Pval Level	Lvl Ch Val: Level	Trend	Conf. Int.	Adj. R2	T Pval Time	T Pval Seasonality	T Pval Level	Lvl Ch Val: Level	Trend	Conf. Int.	Adj. R2	T Pval Time	T Pval Seasonality	T Pval Level	Lvl Ch Val: Level
2006.1-2015.2	2.7	+1.4	0.9	0.1%	0.0%	0.5%	1.1506	2	+0.9	0.88	0.0%	3.9%	1.8%	1.0808	0.7	+1.2	0.68	20.9%	0.2%	10.8%	1.0646
2006.2-2015.2	2.5	+1.6	0.89	0.4%	0.0%	0.6%	1.16	2.3	+1	0.88	0.0%	2.6%	4.2%	1.0701	0.3	+1.2	0.66	63.5%	0.3%	3.9%	1.084
2007.1-2015.2	2.5	+1.8	0.88	1.2%	0.1%	0.9%	1.1629	2.3	+1.2	0.87	0.1%	3.8%	5.8%	1.0701	0.2	+1.4	0.66	76.9%	0.5%	4.8%	1.0867
2007.2-2015.2	2.4	+2.2	0.86	3.3%	0.2%	1.4%	1.1662	2.2	+1.4	0.85	0.5%	5.3%	7.9%	1.0709	0.1	+1.7	0.62	85.9%	0.8%	6.3%	1.0891
2008.1-2015.2	3	+2.5	0.87	2.3%	0.5%	3.4%	1.1449	2.8	+1.6	0.87	0.2%	11.2%	17.3%	1.0523	0.2	+2	0.62	85.5%	1.5%	9.2%	1.088
2008.2-2015.2	2.6	+3	0.85	8.1%	1.1%	3.5%	1.1601	3.3	+1.8	0.87	0.2%	7.7%	34.3%	1.0372	-0.7	+2.1	0.61	49.5%	2.3%	2.9%	1.1184
2009.1-2015.2	1.6	+3.5	0.86	33.4%	0.8%	2.2%	1.1923	3.4	+2.3	0.86	0.7%	12.8%	45.6%	1.0326	-1.8	+2.1	0.74	8.1%	0.4%	0.5%	1.1547
2009.2-2015.2	2.2	+4.3	0.85	26.9%	1.0%	5.4%	1.172	4.1	+2.7	0.86	0.6%	8.8%	77.1%	1.0131	-1.9	+2.6	0.73	13.6%	0.8%	1.1%	1.1569
2010.1-2015.2	2.4	+5.7	0.84	35.8%	2.4%	10.1%	1.1672	4.3	+3.6	0.84	2.3%	15.0%	85.5%	1.0095	-1.9	+3.5	0.71	25.1%	2.0%	2.7%	1.1562
2010.2-2015.2	1.8	+7.3	0.79	55.8%	4.3%	12.6%	1.1811	3.9	+4.5	0.77	7.7%	21.5%	74.6%	1.0195	-1.9	+4.5	0.67	33.4%	3.6%	5.0%	1.1585
2011.1-2015.2	3.3	+10.1	0.79	44.0%	11.8%	24.8%	1.151	4.4	+6.3	0.74	12.6%	37.9%	89.8%	1.009	-1.1	+6.2	0.67	66.2%	10.2%	11.5%	1.1407
2012.1-2015.2	9.5	+6	0.98	1.3%	8.4%	14.2%	1.0843	8	+5.5	0.93	1.7%	49.9%	51.8%	0.9729	1.4	+9.4	0.75	66.3%	35.1%	21.2%	1.1145
2012.2-2015.2	9.5	+7.7	0.97	3.1%	9.8%	14.2%	1.1016	8	+9.1	0.88	5.8%	61.2%	63.6%	0.9734	1.4	+14.4	0.62	71.3%	38.4%	27.3%	1.1317
2013.1-2015.2	9.5	+8.1	1	4.1%	15.7%	9.2%	1.1965	8	+19.8	0.93	11.7%	34.5%	32.7%	0.8922	1.4	+11	0.97	35.0%	94.7%	8.2%	1.3411

Third Party Liability - Property Damage & DCPD

No Seasonality

Reform Parameter for April 2013

Date	Loss Cost						Severity						Frequency					
	Trend	Conf. Int.	Adj. R2	T Pval Time	T Pval Level	Lvl Ch Val: Level	Trend	Conf. Int.	Adj. R2	T Pval Time	T Pval Level	Lvl Ch Val: Level	Trend	Conf. Int.	Adj. R2	T Pval Time	T Pval Level	Lvl Ch Val: Level
2006.1-2015.2	3.1	+2.4	0.78	1.1%	2.4%	1.197	2.1	+1	0.86	0.0%	2.0%	1.0836	1	+1.9	0.48	27.5%	11.4%	1.1047
2006.2-2015.2	2.6	+2.7	0.76	4.8%	1.9%	1.2199	2.2	+1.2	0.86	0.1%	3.8%	1.0779	0.4	+2.1	0.45	68.4%	5.7%	1.1317
2007.1-2015.2	3.1	+3.1	0.76	4.7%	3.9%	1.2016	2.4	+1.3	0.85	0.1%	7.0%	1.0715	0.6	+2.4	0.45	57.0%	9.7%	1.1214
2007.2-2015.2	2.6	+3.5	0.74	13.0%	3.9%	1.2197	2.2	+1.5	0.83	0.8%	6.9%	1.0781	0.4	+2.8	0.42	76.3%	10.0%	1.1314
2008.1-2015.2	3.9	+4	0.77	4.9%	10.2%	1.1692	3	+1.6	0.87	0.1%	18.9%	1.0513	0.9	+3.3	0.44	55.9%	18.2%	1.1121
2008.2-2015.2	3.1	+4.7	0.74	16.3%	8.6%	1.1979	3.3	+1.9	0.86	0.2%	31.7%	1.0419	-0.1	+3.7	0.4	94.0%	10.2%	1.1497
2009.1-2015.2	3.2	+5.7	0.71	23.2%	12.8%	1.1942	3.7	+2.3	0.85	0.4%	52.5%	1.0283	-0.5	+4.5	0.38	82.6%	11.7%	1.1613
2009.2-2015.2	3.4	+7.1	0.69	29.9%	18.9%	1.1875	4.2	+2.8	0.84	0.6%	74.5%	1.0158	-0.7	+5.6	0.35	78.7%	14.6%	1.169
2010.1-2015.2	5.5	+8.7	0.71	17.3%	38.2%	1.1281	4.8	+3.4	0.83	1.0%	99.4%	1.0004	0.7	+6.8	0.39	82.2%	29.6%	1.1276
2010.2-2015.2	4.7	+10.8	0.64	33.7%	37.8%	1.1489	4	+4.1	0.78	5.1%	75.9%	1.0182	0.7	+8.7	0.34	86.3%	35.7%	1.1284
2011.1-2015.2	8.4	+12.4	0.71	13.9%	65.4%	1.0714	5	+4.9	0.77	4.4%	99.0%	0.9992	3.3	+10.2	0.44	46.4%	59.9%	1.0722
2012.1-2015.2	14.6	+11.2	0.89	1.6%	80.3%	1.027	7.7	+4.1	0.91	0.4%	57.4%	0.9765	6.4	+12.9	0.56	24.4%	70.5%	1.0518
2012.2-2015.2	14.7	+13.6	0.83	3.2%	79.6%	1.0328	7.6	+4.9	0.87	1.1%	57.6%	0.9728	6.6	+15.7	0.42	29.2%	70.1%	1.0617
2013.1-2015.2	13.4	+16.2	0.8	6.7%	41.8%	1.2116	7.9	+6.5	0.8	2.8%	51.6%	0.938	5.1	+18.7	0.39	43.4%	38.9%	1.2917

No Seasonality

Reform Parameter for April 2013

Excluding 2015-1

Date	Loss Cost						Severity						Frequency					
	Trend	Conf. Int.	Adj. R2	T Pval Time	T Pval Level	Lvl Ch Val: Level	Trend	Conf. Int.	Adj. R2	T Pval Time	T Pval Level	Lvl Ch Val: Level	Trend	Conf. Int.	Adj. R2	T Pval Time	T Pval Level	Lvl Ch Val: Level
2006.1-2015.2	3	+2.1	0.77	0.8%	3.9%	1.1599	2.1	+1	0.84	0.1%	2.7%	1.0836	0.9	+1.6	0.41	24.3%	18.9%	1.0704
2006.2-2015.2	2.5	+2.3	0.75	3.8%	2.6%	1.1832	2.2	+1.2	0.84	0.1%	4.8%	1.078	0.2	+1.6	0.39	75.8%	6.8%	1.0976
2007.1-2015.2	2.8	+2.7	0.74	3.9%	5.0%	1.168	2.4	+1.4	0.83	0.2%	8.4%	1.0718	0.4	+1.8	0.39	62.4%	11.1%	1.0897
2007.2-2015.2	2.3	+3.1	0.72	12.6%	4.4%	1.1879	2.2	+1.6	0.8	1.0%	8.3%	1.0781	0.1	+2.1	0.36	91.1%	9.6%	1.1018
2008.1-2015.2	3.5	+3.4	0.76	4.2%	10.8%	1.1434	3	+1.7	0.85	0.2%	20.6%	1.0519	0.5	+2.5	0.38	65.6%	17.6%	1.0869
2008.2-2015.2	2.6	+4	0.73	17.2%	7.2%	1.1758	3.3	+2	0.84	0.4%	33.3%	1.0425	-0.7	+2.6	0.4	58.9%	5.1%	1.1278
2009.1-2015.2	2.5	+4.9	0.71	27.7%	10.2%	1.1792	3.7	+2.4	0.83	0.6%	53.7%	1.0289	-1.2	+3.1	0.39	41.2%	4.6%	1.146
2009.2-2015.2	2.4	+6.2	0.67	39.6%	14.1%	1.1822	4.2	+3	0.82	1.0%	75.3%	1.0161	-1.7	+3.8	0.39	33.1%	4.9%	1.1634
2010.1-2015.2	4.1	+7.6	0.69	24.3%	29.3%	1.135	4.9	+3.7	0.81	1.4%	99.8%	0.9999	-0.8	+4.7	0.42	71.6%	12.0%	1.1351
2010.2-2015.2	2.6	+9.5	0.63	53.0%	24.6%	1.1722	4.1	+4.6	0.75	6.9%	78.9%	1.017	-1.4	+6	0.38	58.8%	12.9%	1.1526
2011.1-2015.2	5.8	+11.1	0.71	23.6%	45.7%	1.1049	5.2	+5.7	0.75	6.0%	95.3%	0.996	0.5	+7	0.5	85.9%	25.7%	1.1093
2012.1-2015.2	11.5	+7.6	0.94	1.1%	39.1%	1.0612	8.6	+4.2	0.94	0.4%	39.3%	0.9671	2.7	+7.8	0.73	37.8%	24.9%	1.0973
2012.2-2015.2	11.5	+10.1	0.91	3.1%	47.2%	1.0623	8.5	+5.5	0.91	1.5%	45.0%	0.9649	2.8	+10.4	0.6	44.5%	32.4%	1.1009
2013.1-2015.2	10.3	+7.7	0.97	2.6%	8.7%	1.2462	8.8	+8.8	0.86	4.7%	46.7%	0.9304	1.4	+2.5	0.99	14.1%	0.7%	1.3394

Third Party Liability - Property Damage & DCPD

With Seasonality

No Reform Parameter

Date	Loss Cost					Severity					Frequency				
	Trend	Conf. Int.	Adj. R2	T Pval Time	T Pval Seasonality	Trend	Conf. Int.	Adj. R2	T Pval Time	T Pval Seasonality	Trend	Conf. Int.	Adj. R2	T Pval Time	T Pval Seasonality
2006.1-2015.2	5.3	+1.6	0.75	0.0%	7.2%	3	+0.7	0.84	0.0%	8.9%	2.2	+1.2	0.46	0.1%	17.4%
2006.2-2015.2	5.3	+1.7	0.72	0.0%	8.0%	3.2	+0.7	0.86	0.0%	4.2%	2	+1.3	0.37	0.4%	23.4%
2007.1-2015.2	5.6	+1.9	0.72	0.0%	13.2%	3.3	+0.8	0.85	0.0%	7.1%	2.2	+1.5	0.38	0.5%	32.9%
2007.2-2015.2	5.8	+2.1	0.69	0.0%	12.6%	3.4	+0.9	0.83	0.0%	6.9%	2.3	+1.7	0.35	0.8%	31.8%
2008.1-2015.2	6.5	+2.3	0.74	0.0%	23.7%	3.8	+0.8	0.87	0.0%	13.8%	2.7	+1.8	0.38	0.8%	46.4%
2008.2-2015.2	6.6	+2.6	0.7	0.0%	25.1%	4.1	+0.9	0.89	0.0%	6.6%	2.5	+2.1	0.27	2.3%	55.5%
2009.1-2015.2	6.9	+3.1	0.67	0.0%	33.2%	4.2	+1	0.88	0.0%	11.7%	2.6	+2.5	0.23	4.2%	61.1%
2009.2-2015.2	7.5	+3.5	0.67	0.0%	25.0%	4.5	+1.1	0.89	0.0%	5.8%	2.9	+2.9	0.22	4.9%	54.4%
2010.1-2015.2	8.5	+4	0.7	0.1%	42.5%	4.6	+1.3	0.88	0.0%	9.9%	3.7	+3.3	0.31	3.0%	80.6%
2010.2-2015.2	8.7	+4.8	0.64	0.2%	43.5%	4.5	+1.5	0.83	0.0%	15.4%	4	+4	0.27	4.5%	73.6%
2011.1-2015.2	10.5	+5.5	0.71	0.2%	74.5%	4.8	+1.9	0.81	0.1%	26.4%	5.5	+4.6	0.42	2.3%	90.3%
2011.2-2015.2	11.9	+6.6	0.71	0.4%	55.4%	5.6	+1.9	0.88	0.0%	8.2%	6	+5.9	0.36	4.3%	99.6%
2012.1-2015.2	15.7	+5.9	0.88	0.1%	82.9%	6.6	+1.7	0.94	0.0%	14.7%	8.5	+6.7	0.58	1.9%	54.9%
2012.2-2015.2	15.8	+8.5	0.83	0.5%	86.8%	6.8	+2.5	0.91	0.1%	19.1%	8.5	+9.7	0.44	6.5%	60.7%
2013.1-2015.2	17	+14.7	0.75	2.8%	76.8%	6.3	+4.2	0.87	1.6%	23.3%	10	+16.7	0.29	13.7%	55.8%

With Seasonality

No Reform Parameter

Excluding 2015-1

Date	Loss Cost					Severity					Frequency				
	Trend	Conf. Int.	Adj. R2	T Pval Time	T Pval Seasonality	Trend	Conf. Int.	Adj. R2	T Pval Time	T Pval Seasonality	Trend	Conf. Int.	Adj. R2	T Pval Time	T Pval Seasonality
2006.1-2015.2	4.4	+1.1	0.84	0.0%	0.1%	2.9	+0.7	0.83	0.0%	6.1%	1.4	+0.8	0.64	0.1%	0.2%
2006.2-2015.2	4.4	+1.3	0.81	0.0%	0.2%	3.1	+0.7	0.84	0.0%	2.9%	1.3	+0.8	0.56	0.6%	0.4%
2007.1-2015.2	4.6	+1.5	0.81	0.0%	0.5%	3.2	+0.8	0.84	0.0%	5.3%	1.3	+1	0.56	1.1%	0.8%
2007.2-2015.2	4.7	+1.6	0.79	0.0%	0.5%	3.3	+0.9	0.81	0.0%	5.4%	1.4	+1.1	0.53	1.5%	1.0%
2008.1-2015.2	5.3	+1.7	0.82	0.0%	1.4%	3.7	+0.9	0.86	0.0%	12.7%	1.6	+1.3	0.54	1.9%	2.2%
2008.2-2015.2	5.4	+2	0.79	0.0%	1.9%	4	+1	0.87	0.0%	6.6%	1.4	+1.4	0.42	5.5%	3.9%
2009.1-2015.2	5.3	+2.4	0.76	0.0%	2.9%	4.1	+1.2	0.87	0.0%	12.6%	1.1	+1.7	0.42	16.9%	3.6%
2009.2-2015.2	5.9	+2.6	0.78	0.0%	1.8%	4.4	+1.2	0.88	0.0%	7.0%	1.4	+1.9	0.43	13.1%	3.4%
2010.1-2015.2	6.5	+3.2	0.79	0.1%	4.8%	4.6	+1.6	0.86	0.0%	12.6%	1.8	+2.3	0.46	9.8%	8.5%
2010.2-2015.2	6.7	+3.8	0.73	0.4%	6.4%	4.4	+1.9	0.8	0.1%	18.4%	2.1	+2.7	0.44	9.8%	8.6%
2011.1-2015.2	8	+4.8	0.77	0.6%	16.9%	4.7	+2.5	0.79	0.3%	33.6%	3.1	+3.3	0.52	6.2%	21.8%
2011.2-2015.2	9.3	+5.1	0.82	0.5%	9.2%	5.6	+2.4	0.86	0.2%	13.7%	3.6	+4.1	0.49	7.4%	20.9%
2012.1-2015.2	12.8	+3.8	0.96	0.1%	17.1%	7	+2.4	0.94	0.1%	37.5%	5.4	+5.3	0.65	4.4%	53.6%
2012.2-2015.2	13	+5.6	0.93	0.4%	23.7%	7.1	+3.5	0.91	0.7%	42.9%	5.5	+7.9	0.47	10.9%	60.4%
2013.1-2015.2	11.5	+12.3	0.91	5.1%	27.8%	6.8	+8.5	0.84	7.1%	54.3%	4.4	+18.9	0.22	40.9%	61.9%

Third Party Liability - Property Damage & DCPD

Time Periods Prior to April 2013 Reforms- with Seasonality

Date	Loss Cost					Severity					Frequency				
	Trend	Conf. Int.	Adj. R2	T Pval Time	T Pval Seasonality	Trend	Conf. Int.	Adj. R2	T Pval Time	T Pval Seasonality	Trend	Conf. Int.	Adj. R2	T Pval Time	T Pval Seasonality
2004.1-2012.2	3.2	+0.9	0.84	0.0%	0.0%	1.2	+0.6	0.62	0.1%	1.1%	2	+1	0.59	0.1%	3.2%
2004.2-2012.2	3.2	+1	0.81	0.0%	0.0%	1.3	+0.7	0.63	0.1%	0.8%	1.9	+1.1	0.51	0.2%	5.1%
2005.1-2012.2	3.1	+1.1	0.8	0.0%	0.1%	1.6	+0.7	0.7	0.0%	1.6%	1.5	+1.1	0.5	1.3%	2.1%
2005.2-2012.2	3	+1.3	0.74	0.0%	0.2%	1.5	+0.8	0.62	0.1%	2.8%	1.5	+1.3	0.42	2.7%	3.1%
2006.1-2012.2	2.6	+1.4	0.75	0.1%	0.1%	1.8	+0.8	0.68	0.1%	6.0%	0.8	+1.2	0.54	14.4%	0.4%
2006.2-2012.2	2.4	+1.6	0.68	0.7%	0.3%	2	+0.9	0.68	0.1%	4.5%	0.4	+1.2	0.45	45.8%	0.7%
2007.1-2012.2	2.2	+1.9	0.67	2.6%	0.5%	1.9	+1.1	0.65	0.4%	5.9%	0.3	+1.5	0.44	60.6%	1.2%
2007.2-2012.2	2.1	+2.3	0.57	7.3%	1.1%	1.7	+1.4	0.51	1.7%	10.1%	0.3	+1.8	0.38	69.7%	2.2%
2008.1-2012.2	2.6	+2.9	0.6	6.1%	2.8%	2.3	+1.5	0.63	0.8%	21.0%	0.4	+2.3	0.34	72.2%	4.3%

Province of Nova Scotia
Private Passenger Vehicles
Industry Data as of December 31, 2015

Accident Benefits- Disability Income

With Seasonality
Adjusted by 1.43 for April 2012 Reforms

Date	Loss Cost					Severity					Frequency				
	Trend	Conf. Int.	Adj. R2	T Pval Time	T Pval Seasonality	Trend	Conf. Int.	Adj. R2	T Pval Time	T Pval Seasonality	Trend	Conf. Int.	Adj. R2	T Pval Time	T Pval Seasonality
2001.1-2015.2	-2	+2.1	0.11	5.7%	16.8%	4.7	+2	0.45	0.0%	81.3%	-6.5	+0.8	0.89	0.0%	0.8%
2001.2-2015.2	-1.8	+2.2	0.1	10.2%	15.0%	4.6	+2.1	0.41	0.0%	87.2%	-6.2	+0.8	0.9	0.0%	0.2%
2002.1-2015.2	-1.9	+2.4	0.08	12.3%	16.2%	4.4	+2.2	0.36	0.0%	79.7%	-6	+0.9	0.88	0.0%	0.3%
2002.2-2015.2	-1.8	+2.6	0.07	17.2%	16.5%	4.4	+2.4	0.32	0.1%	82.9%	-5.9	+0.9	0.87	0.0%	0.2%
2003.1-2015.2	-1.4	+2.8	0.02	30.7%	23.1%	4.5	+2.6	0.31	0.1%	87.8%	-5.6	+0.9	0.86	0.0%	0.5%
2003.2-2015.2	-2	+2.9	0.04	16.0%	34.2%	3.8	+2.7	0.23	0.7%	87.6%	-5.6	+1	0.85	0.0%	0.6%
2004.1-2015.2	-2.1	+3.1	0.03	17.5%	34.3%	3.7	+2.9	0.19	1.3%	89.6%	-5.7	+1.1	0.83	0.0%	0.7%
2004.2-2015.2	-1.7	+3.4	0.01	31.9%	27.9%	4.2	+3.1	0.22	0.9%	95.1%	-5.7	+1.2	0.82	0.0%	1.0%
2005.1-2015.2	-1.2	+3.7	-0.04	52.2%	37.9%	4.6	+3.4	0.23	0.9%	93.1%	-5.5	+1.3	0.78	0.0%	1.7%
2005.2-2015.2	-0.6	+4	-0.04	75.2%	31.3%	4.9	+3.8	0.22	1.2%	99.2%	-5.2	+1.4	0.77	0.0%	1.0%
2006.1-2015.2	0	+4.4	-0.07	98.6%	41.9%	5.1	+4.2	0.2	1.8%	93.7%	-4.9	+1.5	0.71	0.0%	2.0%
2006.2-2015.2	1	+4.8	-0.04	67.6%	29.8%	5.6	+4.7	0.21	1.9%	96.1%	-4.4	+1.5	0.71	0.0%	0.7%
2007.1-2015.2	2.6	+5	-0.01	28.8%	50.2%	7	+4.9	0.32	0.6%	73.7%	-4.2	+1.7	0.64	0.0%	1.3%
2007.2-2015.2	3.2	+5.6	0.01	23.6%	43.9%	7	+5.6	0.27	1.5%	73.9%	-3.5	+1.6	0.67	0.0%	0.3%
2008.1-2015.2	3.6	+6.5	0.01	24.6%	51.7%	6.9	+6.4	0.2	3.1%	76.6%	-3.1	+1.8	0.57	0.3%	0.6%
2008.2-2015.2	1.5	+6.6	-0.14	63.0%	77.5%	5	+6.6	0.09	11.6%	52.2%	-3.4	+2	0.58	0.4%	1.3%
2009.1-2015.2	0	+7.3	-0.15	99.2%	59.6%	3.8	+7.5	-0.05	28.5%	70.0%	-3.6	+2.3	0.53	0.7%	1.7%
2009.2-2015.2	-1	+8.4	-0.18	79.2%	73.1%	2.4	+8.5	-0.12	52.9%	57.8%	-3.4	+2.7	0.51	2.2%	2.1%
2010.1-2015.2	-6.3	+5.3	0.4	2.8%	8.1%	-2.5	+6.2	-0.12	38.8%	78.3%	-3.9	+3.2	0.5	2.6%	2.2%
2010.2-2015.2	-5.9	+6.4	0.37	7.3%	9.8%	-0.6	+6.9	-0.18	84.9%	52.6%	-5.4	+2.9	0.69	0.3%	2.8%
2011.1-2015.2	-8.6	+6.6	0.56	2.1%	3.5%	-3.3	+7.4	0.02	33.8%	26.1%	-5.5	+3.7	0.6	1.1%	4.5%
2011.2-2015.2	-7.8	+8.5	0.53	7.3%	4.6%	-0.6	+8.2	0.12	86.2%	12.9%	-7.2	+3.3	0.79	0.2%	5.7%
2012.1-2015.2	-6.7	+11.9	0.3	21.8%	10.2%	1.2	+11.2	0	79.9%	25.2%	-7.8	+4.5	0.72	0.8%	7.3%

Accident Benefits- Disability Income

With Seasonality
Adjusted by 1.43 for April 2012 Reforms
Excluding 2010-1

Date	Loss Cost					Severity					Frequency				
	Trend	Conf. Int.	Adj. R2	T Pval Time	T Pval Seasonality	Trend	Conf. Int.	Adj. R2	T Pval Time	T Pval Seasonality	Trend	Conf. Int.	Adj. R2	T Pval Time	T Pval Seasonality
2001.1-2015.2	-2.1	+ -2.1	0.13	4.9%	12.8%	4.6	+ -1.8	0.49	0.0%	49.9%	-6.4	+ -0.8	0.9	0.0%	1.6%
2001.2-2015.2	-1.9	+ -2.2	0.12	9.1%	11.2%	4.5	+ -2	0.44	0.0%	55.1%	-6.1	+ -0.7	0.91	0.0%	0.3%
2002.1-2015.2	-2	+ -2.4	0.1	11.0%	12.2%	4.3	+ -2.1	0.4	0.0%	48.6%	-6	+ -0.8	0.9	0.0%	0.6%
2002.2-2015.2	-1.8	+ -2.6	0.09	16.0%	12.4%	4.2	+ -2.3	0.36	0.1%	51.1%	-5.8	+ -0.8	0.89	0.0%	0.4%
2003.1-2015.2	-1.5	+ -2.8	0.04	28.7%	17.7%	4.3	+ -2.5	0.35	0.1%	56.2%	-5.6	+ -0.8	0.88	0.0%	0.9%
2003.2-2015.2	-2.1	+ -2.9	0.06	15.6%	27.2%	3.7	+ -2.5	0.26	0.5%	78.8%	-5.6	+ -0.9	0.87	0.0%	1.1%
2004.1-2015.2	-2.2	+ -3.2	0.05	17.1%	27.6%	3.7	+ -2.7	0.22	1.0%	78.0%	-5.6	+ -1	0.86	0.0%	1.3%
2004.2-2015.2	-1.7	+ -3.4	0.03	32.1%	21.4%	4.2	+ -2.9	0.28	0.5%	59.5%	-5.7	+ -1.1	0.85	0.0%	1.9%
2005.1-2015.2	-1.2	+ -3.7	-0.03	52.4%	29.7%	4.6	+ -3.2	0.29	0.6%	71.9%	-5.5	+ -1.2	0.82	0.0%	3.2%
2005.2-2015.2	-0.5	+ -4	-0.02	78.0%	23.1%	5	+ -3.5	0.29	0.6%	63.1%	-5.3	+ -1.3	0.8	0.0%	2.0%
2006.1-2015.2	0	+ -4.5	-0.05	98.2%	31.7%	5.2	+ -3.9	0.28	0.9%	70.6%	-4.9	+ -1.3	0.77	0.0%	3.8%
2006.2-2015.2	1.2	+ -4.8	0.01	59.9%	19.5%	6	+ -4.2	0.31	0.8%	55.9%	-4.5	+ -1.4	0.76	0.0%	1.3%
2007.1-2015.2	2.9	+ -4.9	0.05	22.9%	33.2%	7.5	+ -4.3	0.45	0.2%	85.2%	-4.3	+ -1.5	0.7	0.0%	2.3%
2007.2-2015.2	3.8	+ -5.5	0.1	15.4%	25.1%	7.8	+ -4.9	0.42	0.4%	79.6%	-3.7	+ -1.5	0.71	0.0%	0.6%
2008.1-2015.2	4.3	+ -6.4	0.1	15.8%	32.2%	8	+ -5.7	0.37	0.8%	82.9%	-3.4	+ -1.7	0.63	0.1%	1.2%
2008.2-2015.2	2.4	+ -6.8	-0.09	45.1%	54.6%	6.5	+ -6.3	0.22	3.9%	91.0%	-3.9	+ -1.8	0.68	0.1%	2.7%
2009.1-2015.2	1.1	+ -7.8	-0.12	76.8%	45.0%	5.5	+ -7.3	0.07	11.6%	96.6%	-4.2	+ -2.1	0.66	0.1%	2.6%
2009.2-2015.2	0.3	+ -9.6	-0.18	93.6%	56.5%	4.9	+ -9	-0.03	23.6%	95.9%	-4.4	+ -2.6	0.64	0.5%	5.1%
2010.1-2015.2	-5.9	+ -6.4	0.37	7.3%	9.8%	-0.6	+ -6.9	-0.18	84.9%	52.6%	-5.4	+ -2.9	0.69	0.3%	2.8%
2010.2-2015.2	-5.9	+ -6.4	0.37	7.3%	9.8%	-0.6	+ -6.9	-0.18	84.9%	52.6%	-5.4	+ -2.9	0.69	0.3%	2.8%
2011.1-2015.2	-8.6	+ -6.6	0.56	2.1%	3.5%	-3.3	+ -7.4	0.02	33.8%	26.1%	-5.5	+ -3.7	0.6	1.1%	4.5%
2011.2-2015.2	-7.8	+ -8.5	0.53	7.3%	4.6%	-0.6	+ -8.2	0.12	86.2%	12.9%	-7.2	+ -3.3	0.79	0.2%	5.7%
2012.1-2015.2	-6.7	+ -11.9	0.3	21.8%	10.2%	1.2	+ -11.2	0	79.9%	25.2%	-7.8	+ -4.5	0.72	0.8%	7.3%

Accident Benefits- Disability Income

No Seasonality
Adjusted by 1.43 for April 2012 Reforms

Date	Loss Cost				Severity				Frequency			
	Trend	Conf. Int.	Adj. R2	T Pval Time	Trend	Conf. Int.	Adj. R2	T Pval Time	Trend	Conf. Int.	Adj. R2	T Pval Time
2001.1-2015.2	-2	+2.1	0.08	7.1%	4.7	+1.9	0.47	0.0%	-6.4	+0.9	0.86	0.0%
2001.2-2015.2	-1.8	+2.3	0.06	10.9%	4.6	+2.1	0.43	0.0%	-6.2	+1	0.85	0.0%
2002.1-2015.2	-1.8	+2.4	0.04	15.1%	4.4	+2.2	0.39	0.0%	-5.9	+1	0.84	0.0%
2002.2-2015.2	-1.8	+2.6	0.03	18.0%	4.4	+2.4	0.35	0.1%	-5.9	+1.1	0.82	0.0%
2003.1-2015.2	-1.3	+2.8	0	34.9%	4.5	+2.6	0.34	0.1%	-5.5	+1.1	0.81	0.0%
2003.2-2015.2	-2	+2.9	0.04	15.8%	3.8	+2.6	0.26	0.6%	-5.6	+1.2	0.79	0.0%
2004.1-2015.2	-2	+3.1	0.03	19.4%	3.7	+2.8	0.23	1.1%	-5.5	+1.3	0.77	0.0%
2004.2-2015.2	-1.7	+3.4	0	32.1%	4.2	+3	0.26	0.8%	-5.7	+1.4	0.75	0.0%
2005.1-2015.2	-1	+3.6	-0.03	56.4%	4.6	+3.3	0.27	0.8%	-5.4	+1.5	0.72	0.0%
2005.2-2015.2	-0.6	+4	-0.05	75.2%	4.9	+3.7	0.26	1.0%	-5.2	+1.6	0.68	0.0%
2006.1-2015.2	0.1	+4.4	-0.06	95.7%	5.1	+4.1	0.25	1.5%	-4.7	+1.7	0.63	0.0%
2006.2-2015.2	1	+4.8	-0.05	67.7%	5.6	+4.5	0.26	1.6%	-4.4	+1.8	0.56	0.0%
2007.1-2015.2	2.7	+4.9	0.02	25.0%	7	+4.7	0.36	0.5%	-4	+2	0.49	0.1%
2007.2-2015.2	3.2	+5.5	0.03	22.9%	7	+5.4	0.31	1.2%	-3.5	+2.2	0.4	0.4%
2008.1-2015.2	3.8	+6.3	0.05	20.8%	6.8	+6.1	0.25	2.7%	-2.8	+2.3	0.28	2.1%
2008.2-2015.2	1.5	+6.3	-0.06	61.7%	5	+6.4	0.13	10.7%	-3.4	+2.5	0.34	1.3%
2009.1-2015.2	0.3	+7	-0.08	93.7%	3.6	+7.1	0.02	28.3%	-3.2	+2.9	0.26	3.5%
2009.2-2015.2	-1	+7.9	-0.08	78.3%	2.4	+8.1	-0.05	51.5%	-3.4	+3.4	0.23	5.5%
2010.1-2015.2	-5.6	+5.9	0.23	6.4%	-2.4	+5.8	-0.01	38.0%	-3.3	+4.1	0.16	10.6%
2010.2-2015.2	-5.9	+7.1	0.19	10.1%	-0.6	+6.6	-0.11	84.3%	-5.4	+3.7	0.48	1.1%
2011.1-2015.2	-7.4	+8.5	0.23	9.0%	-2.6	+7.4	-0.04	44.5%	-4.9	+4.6	0.35	4.3%
2011.2-2015.2	-7.8	+10.8	0.17	14.6%	-0.6	+9.1	-0.14	87.8%	-7.2	+4.1	0.65	0.5%
2012.1-2015.2	-4.7	+13.8	-0.05	44.7%	2.4	+11.1	-0.11	61.2%	-6.9	+5.5	0.53	2.5%

Accident Benefits- Disability Income

No Seasonality
Adjusted by 1.43 for April 2012 Reforms
Excluding 2010-1

Date	Loss Cost				Severity				Frequency			
	Trend	Conf. Int.	Adj. R2	T Pval Time	Trend	Conf. Int.	Adj. R2	T Pval Time	Trend	Conf. Int.	Adj. R2	T Pval Time
2001.1-2015.2	-2	+ -2.1	0.09	6.7%	4.6	+ -1.8	0.5	0.0%	-6.3	+ -0.9	0.88	0.0%
2001.2-2015.2	-1.9	+ -2.3	0.06	10.5%	4.5	+ -1.9	0.46	0.0%	-6.1	+ -0.9	0.88	0.0%
2002.1-2015.2	-1.8	+ -2.5	0.05	14.7%	4.3	+ -2.1	0.41	0.0%	-5.9	+ -0.9	0.87	0.0%
2002.2-2015.2	-1.8	+ -2.7	0.04	17.7%	4.2	+ -2.2	0.38	0.0%	-5.8	+ -1	0.85	0.0%
2003.1-2015.2	-1.3	+ -2.8	0	34.3%	4.4	+ -2.4	0.37	0.1%	-5.5	+ -1	0.85	0.0%
2003.2-2015.2	-2.1	+ -2.9	0.05	15.9%	3.7	+ -2.4	0.29	0.4%	-5.6	+ -1	0.83	0.0%
2004.1-2015.2	-2	+ -3.2	0.03	19.8%	3.7	+ -2.7	0.26	0.8%	-5.5	+ -1.1	0.81	0.0%
2004.2-2015.2	-1.7	+ -3.4	0	32.8%	4.2	+ -2.8	0.3	0.5%	-5.7	+ -1.2	0.81	0.0%
2005.1-2015.2	-1	+ -3.7	-0.04	57.8%	4.7	+ -3.1	0.33	0.4%	-5.4	+ -1.3	0.78	0.0%
2005.2-2015.2	-0.6	+ -4.1	-0.05	77.5%	5	+ -3.4	0.32	0.5%	-5.3	+ -1.4	0.74	0.0%
2006.1-2015.2	0.2	+ -4.4	-0.06	92.1%	5.3	+ -3.7	0.32	0.7%	-4.8	+ -1.5	0.71	0.0%
2006.2-2015.2	1.1	+ -4.9	-0.05	62.8%	5.9	+ -4.1	0.34	0.6%	-4.5	+ -1.6	0.66	0.0%
2007.1-2015.2	3	+ -4.9	0.05	20.2%	7.6	+ -4.2	0.49	0.1%	-4.2	+ -1.8	0.59	0.0%
2007.2-2015.2	3.7	+ -5.6	0.07	17.2%	7.8	+ -4.7	0.45	0.2%	-3.8	+ -2	0.51	0.1%
2008.1-2015.2	4.5	+ -6.4	0.09	14.1%	8	+ -5.5	0.41	0.6%	-3.2	+ -2.1	0.41	0.6%
2008.2-2015.2	2.2	+ -6.6	-0.03	46.5%	6.5	+ -6	0.28	3.0%	-4	+ -2.2	0.53	0.2%
2009.1-2015.2	1.2	+ -7.6	-0.08	73.9%	5.5	+ -6.9	0.16	9.8%	-4.1	+ -2.6	0.47	0.6%
2009.2-2015.2	0	+ -9	-0.1	100.0%	5	+ -8.4	0.07	20.4%	-4.7	+ -3	0.49	0.7%
2010.1-2015.2	-5.9	+ -7.1	0.19	10.1%	-0.6	+ -6.6	-0.11	84.3%	-5.4	+ -3.7	0.48	1.1%
2010.2-2015.2	-5.9	+ -7.1	0.19	10.1%	-0.6	+ -6.6	-0.11	84.3%	-5.4	+ -3.7	0.48	1.1%
2011.1-2015.2	-7.4	+ -8.5	0.23	9.0%	-2.6	+ -7.4	-0.04	44.5%	-4.9	+ -4.6	0.35	4.3%
2011.2-2015.2	-7.8	+ -10.8	0.17	14.6%	-0.6	+ -9.1	-0.14	87.8%	-7.2	+ -4.1	0.65	0.5%
2012.1-2015.2	-4.7	+ -13.8	-0.05	44.7%	2.4	+ -11.1	-0.11	61.2%	-6.9	+ -5.5	0.53	2.5%

Accident Benefits- Disability Income

Measured Reform Factors for April 2012- no Seasonality

Date	Severity					Lvl Ch
	Trend	Conf. Int.	Adj. R2	T Pval Time	T Pval Level	Val: Level
2001.1-2015.2	5.4	+ -3.1	0.7	0.1%	7.3%	1.3088
2001.2-2015.2	5.3	+ -3.3	0.68	0.3%	7.5%	1.3216
2002.1-2015.2	5	+ -3.6	0.66	0.7%	7.4%	1.3396
2002.2-2015.2	4.9	+ -4	0.64	1.6%	8.2%	1.3462
2003.1-2015.2	5.2	+ -4.4	0.63	1.9%	11.6%	1.324
2003.2-2015.2	3.9	+ -4.6	0.61	8.8%	5.5%	1.4158
2004.1-2015.2	3.8	+ -5.1	0.59	13.4%	6.5%	1.4227
2004.2-2015.2	4.9	+ -5.7	0.6	8.0%	12.3%	1.3521
2005.1-2015.2	5.9	+ -6.4	0.61	6.1%	20.4%	1.2958
2005.2-2015.2	6.7	+ -7.2	0.6	6.1%	29.2%	1.2549
2006.1-2015.2	7.5	+ -8.3	0.59	6.4%	39.8%	1.214
2006.2-2015.2	9.2	+ -9.5	0.6	4.7%	58.6%	1.1404
2007.1-2015.2	13.7	+ -10	0.69	0.7%	93.6%	0.982
2007.2-2015.2	15	+ -11.7	0.67	1.1%	81.1%	0.9427
2008.1-2015.2	16.2	+ -13.8	0.64	1.8%	73.3%	0.9124
2008.2-2015.2	13.1	+ -15.2	0.55	7.0%	96.8%	0.9887
2009.1-2015.2	10.8	+ -17.1	0.45	17.1%	88.5%	1.0444
2009.2-2015.2	9.2	+ -19.4	0.35	29.4%	81.3%	1.079
2010.1-2015.2	1.5	+ -13	0.24	79.6%	39.1%	1.2101
2010.2-2015.2	3.7	+ -13.6	0.37	54.3%	39.5%	1.2005
2011.1-2015.2	2.3	+ -13.3	0.13	69.7%	48.2%	1.1561

Accident Benefits- Disability Income

**Measured Reform Factors for April 2012
Excluding 2010-1**

Date	Severity					
	Trend	Conf. Int.	Adj. R2	T Pval Time	T Pval Level	Lvl Ch Val: Level
2001.1-2015.2	4.7	+ -3	0.73	0.3%	2.2%	1.4124
2001.2-2015.2	4.5	+ -3.2	0.71	0.8%	2.2%	1.4313
2002.1-2015.2	4.1	+ -3.5	0.69	2.0%	2.2%	1.4565
2002.2-2015.2	4	+ -3.9	0.68	4.0%	2.5%	1.4689
2003.1-2015.2	4.3	+ -4.3	0.67	4.6%	3.9%	1.4484
2003.2-2015.2	2.8	+ -4.3	0.66	19.1%	1.4%	1.5591
2004.1-2015.2	2.6	+ -4.8	0.65	26.9%	1.8%	1.5726
2004.2-2015.2	3.7	+ -5.4	0.66	16.0%	3.8%	1.4968
2005.1-2015.2	4.6	+ -6	0.67	11.7%	7.2%	1.437
2005.2-2015.2	5.3	+ -6.8	0.66	10.9%	11.8%	1.3939
2006.1-2015.2	6.1	+ -7.8	0.65	10.5%	18.3%	1.3497
2006.2-2015.2	7.8	+ -8.9	0.67	6.9%	31.0%	1.2676
2007.1-2015.2	12.3	+ -8.9	0.77	0.7%	67.6%	1.0909
2007.2-2015.2	13.8	+ -10.4	0.75	0.9%	85.5%	1.0415
2008.1-2015.2	15.4	+ -12.1	0.74	1.2%	99.1%	0.9974
2008.2-2015.2	13.1	+ -13.6	0.67	4.5%	82.9%	1.0559
2009.1-2015.2	11.8	+ -15.8	0.59	10.6%	76.3%	1.0853
2009.2-2015.2	11.6	+ -18.6	0.5	16.9%	77.0%	1.0896
2010.1-2015.2	3.7	+ -13.6	0.37	54.3%	39.5%	1.2005
2010.2-2015.2	3.7	+ -13.6	0.37	54.3%	39.5%	1.2005
2011.1-2015.2	2.3	+ -13.3	0.13	69.7%	48.2%	1.1561

Province of Nova Scotia
Private Passenger Vehicles
Industry Data as of December 31, 2015

Accident Benefits- Medical/Rehabilitation

With Seasonality
Adjusted by Reform Factors: April 2010 at 1.25 and April 2012 at 1.15

Date	Loss Cost					Severity					Frequency				
	Trend	Conf. Int.	Adj. R2	T Pval Time	T Pval Seasonality	Trend	Conf. Int.	Adj. R2	T Pval Time	T Pval Seasonality	Trend	Conf. Int.	Adj. R2	T Pval Time	T Pval Seasonality
2001.1-2015.2	-3	+1.2	0.49	0.0%	1.1%	-0.4	+0.8	0.07	32.4%	7.8%	-2.6	+1.1	0.44	0.0%	8.7%
2001.2-2015.2	-2.6	+1.2	0.49	0.0%	0.3%	-0.3	+0.8	0.08	52.1%	5.9%	-2.3	+1.1	0.41	0.0%	4.7%
2002.1-2015.2	-2.3	+1.3	0.42	0.1%	0.6%	-0.3	+0.9	0.07	51.4%	6.4%	-2	+1.2	0.32	0.2%	8.5%
2002.2-2015.2	-1.9	+1.3	0.43	0.5%	0.2%	-0.2	+1	0.07	63.1%	6.3%	-1.7	+1.2	0.3	0.7%	4.0%
2003.1-2015.2	-1.6	+1.3	0.35	2.1%	0.4%	-0.3	+1	0.09	49.8%	5.4%	-1.3	+1.2	0.19	3.6%	7.6%
2003.2-2015.2	-1.3	+1.4	0.37	7.1%	0.2%	-0.5	+1.1	0.09	31.5%	8.7%	-0.7	+1	0.25	16.6%	1.1%
2004.1-2015.2	-1.3	+1.5	0.35	8.2%	0.2%	-0.9	+1.1	0.17	13.4%	4.3%	-0.5	+1.1	0.17	37.6%	2.1%
2004.2-2015.2	-1	+1.6	0.37	20.2%	0.2%	-0.7	+1.2	0.16	22.5%	4.1%	-0.3	+1.2	0.2	63.6%	1.4%
2005.1-2015.2	-0.1	+1.3	0.37	83.0%	0.1%	-0.1	+1.1	0.07	79.5%	7.6%	0	+1.2	0.15	99.9%	2.8%
2005.2-2015.2	0.2	+1.4	0.41	82.1%	0.1%	-0.2	+1.2	0.05	74.5%	9.9%	0.3	+1.3	0.23	57.5%	1.3%
2006.1-2015.2	0.4	+1.6	0.39	64.1%	0.2%	-0.3	+1.3	0.07	61.7%	9.2%	0.7	+1.4	0.23	30.6%	2.6%
2006.2-2015.2	0.9	+1.6	0.5	24.0%	0.0%	-0.2	+1.5	0.08	81.6%	8.3%	1.1	+1.4	0.32	13.0%	1.3%
2007.1-2015.2	1	+1.8	0.49	22.5%	0.1%	-0.4	+1.6	0.1	62.9%	7.2%	1.4	+1.5	0.35	6.4%	2.6%
2007.2-2015.2	1.4	+1.9	0.51	14.9%	0.1%	-0.8	+1.7	0.1	31.0%	12.6%	2.2	+1.3	0.64	0.2%	0.1%
2008.1-2015.2	1.7	+2.2	0.52	10.6%	0.3%	-1.1	+1.9	0.13	22.7%	10.4%	2.9	+1.1	0.78	0.0%	0.1%
2008.2-2015.2	1.5	+2.5	0.44	21.8%	0.6%	-1.5	+2.2	0.14	17.2%	16.2%	2.9	+1.3	0.74	0.0%	0.2%
2009.1-2015.2	0.7	+2.6	0.5	58.1%	0.3%	-2	+2.4	0.21	10.5%	11.2%	2.7	+1.4	0.73	0.2%	0.2%
2009.2-2015.2	0.4	+3.1	0.44	76.2%	0.7%	-2.3	+2.8	0.22	10.2%	17.2%	2.8	+1.7	0.68	0.4%	0.4%
2010.1-2015.2	-0.3	+3.6	0.48	86.9%	0.7%	-3.1	+3.1	0.32	5.4%	10.4%	2.9	+2.1	0.68	1.0%	0.9%
2010.2-2015.2	0.4	+4.2	0.51	82.0%	0.8%	-2.4	+3.6	0.3	17.5%	7.6%	2.8	+2.5	0.58	2.9%	1.9%
2011.1-2015.2	-1	+4.7	0.6	62.9%	0.6%	-4.2	+3.3	0.62	2.2%	1.3%	3.3	+3.1	0.59	3.8%	4.4%
2011.2-2015.2	-0.8	+6.1	0.57	76.4%	1.2%	-4.3	+4.3	0.6	5.3%	2.7%	3.6	+4	0.51	6.4%	6.0%
2012.1-2015.2	-1.7	+8.3	0.55	62.4%	2.2%	-6.3	+4.3	0.77	1.4%	0.9%	4.9	+5.1	0.59	5.2%	13.9%

Accident Benefits- Medical/Rehabilitation

No Seasonality

Adjusted by Reform Factors: April 2010 at 1.25 and April 2012 at 1.15

Date	Loss Cost				Severity				Frequency			
	Trend	Conf. Int.	Adj. R2	T Pval Time	Trend	Conf. Int.	Adj. R2	T Pval Time	Trend	Conf. Int.	Adj. R2	T Pval Time
2001.1-2015.2	-2.9	+1.4	0.37	0.0%	-0.4	+0.8	-0.01	39.4%	-2.6	+1.2	0.4	0.0%
2001.2-2015.2	-2.6	+1.4	0.31	0.1%	-0.3	+0.9	-0.02	54.1%	-2.3	+1.2	0.34	0.0%
2002.1-2015.2	-2.2	+1.5	0.24	0.5%	-0.2	+1	-0.03	61.0%	-2	+1.2	0.27	0.3%
2002.2-2015.2	-1.9	+1.5	0.18	1.7%	-0.2	+1	-0.03	64.9%	-1.7	+1.3	0.2	1.1%
2003.1-2015.2	-1.5	+1.6	0.1	6.6%	-0.3	+1.1	-0.03	60.6%	-1.2	+1.2	0.11	5.6%
2003.2-2015.2	-1.3	+1.7	0.06	13.5%	-0.5	+1.2	0	33.6%	-0.7	+1.2	0.02	22.0%
2004.1-2015.2	-1.1	+1.8	0.03	20.8%	-0.8	+1.2	0.03	20.6%	-0.4	+1.2	-0.03	52.1%
2004.2-2015.2	-1	+2	0	30.7%	-0.7	+1.3	0.01	26.2%	-0.3	+1.3	-0.04	67.8%
2005.1-2015.2	0.1	+1.7	-0.05	95.1%	-0.1	+1.2	-0.05	91.4%	0.1	+1.4	-0.05	86.6%
2005.2-2015.2	0.2	+1.9	-0.05	86.5%	-0.2	+1.3	-0.05	75.7%	0.3	+1.5	-0.04	62.8%
2006.1-2015.2	0.6	+2	-0.03	54.8%	-0.2	+1.4	-0.05	74.1%	0.8	+1.5	0.01	27.5%
2006.2-2015.2	0.9	+2.2	-0.02	40.5%	-0.2	+1.6	-0.06	82.7%	1.1	+1.7	0.04	19.6%
2007.1-2015.2	1.4	+2.4	0.02	25.0%	-0.2	+1.8	-0.06	78.0%	1.6	+1.7	0.14	6.8%
2007.2-2015.2	1.4	+2.7	0.01	30.2%	-0.8	+1.8	0	33.3%	2.2	+1.8	0.28	1.6%
2008.1-2015.2	2.1	+3	0.09	14.1%	-1	+2	0	32.9%	3.1	+1.6	0.54	0.1%
2008.2-2015.2	1.5	+3.2	0	34.8%	-1.5	+2.2	0.06	18.8%	2.9	+1.8	0.45	0.4%
2009.1-2015.2	1.2	+3.8	-0.04	48.4%	-1.7	+2.6	0.08	17.2%	3	+2.1	0.41	0.8%
2009.2-2015.2	0.4	+4.2	-0.09	82.8%	-2.3	+2.9	0.14	11.4%	2.8	+2.5	0.31	2.9%
2010.1-2015.2	0.5	+5.1	-0.09	82.1%	-2.7	+3.4	0.16	10.5%	3.4	+2.8	0.36	2.3%
2010.2-2015.2	0.4	+6.2	-0.11	88.0%	-2.4	+4.1	0.06	23.2%	2.8	+3.3	0.22	8.2%
2011.1-2015.2	0.4	+7.7	-0.12	91.5%	-3.4	+4.8	0.15	14.7%	3.9	+3.8	0.34	4.5%
2011.2-2015.2	-0.8	+9.6	-0.14	85.3%	-4.3	+5.9	0.18	13.9%	3.6	+4.9	0.21	11.9%
2012.1-2015.2	0.6	+12.8	-0.16	90.8%	-4.8	+7.8	0.14	19.4%	5.7	+5.5	0.45	4.2%

Measured Reform Factors for April 2010 - no Seasonality

Date	Severity					Lvl Ch Val: Level
	Trend	Conf. Int.	Adj. R2	T Pval Time	T Pval Level	
2004.1-2011.2	-1.8	+3.4	0.48	26.7%	0.5%	1.3705
2004.2-2011.2	-1.9	+4	0.48	33.4%	0.8%	1.3726
2005.1-2011.2	1.3	+2.6	0.82	28.8%	0.2%	1.247
2005.2-2011.2	1.2	+3.2	0.81	41.3%	0.5%	1.2499
2006.1-2011.2	1.8	+4	0.81	32.7%	1.5%	1.2305
2006.2-2011.2	3.6	+4.6	0.85	10.4%	4.6%	1.1781
2007.1-2011.2	5.6	+5.7	0.87	4.8%	14.2%	1.1277

Province of Nova Scotia
Private Passenger Vehicles
Industry Data as of December 31, 2015

Accident Benefits- Funeral

No Seasonality
Adjusted by Reform Factors: April 2012 at 2.50

Date	Loss Cost				Severity				Frequency			
	Trend	Conf. Int.	Adj. R2	T Pval Time	Trend	Conf. Int.	Adj. R2	T Pval Time	Trend	Conf. Int.	Adj. R2	T Pval Time
2001.1-2015.2	-8.7	+2.7	0.58	0.0%	-5.6	+2	0.52	0.0%	-3.3	+2.7	0.15	1.9%
2002.1-2015.2	-9.6	+2.9	0.6	0.0%	-5.7	+2.2	0.5	0.0%	-4.2	+2.8	0.22	0.7%
2003.1-2015.2	-10.5	+3.2	0.62	0.0%	-6.4	+2.4	0.53	0.0%	-4.4	+3.1	0.22	0.9%
2004.1-2015.2	-11.9	+3.4	0.66	0.0%	-6.1	+2.6	0.48	0.0%	-6.1	+3.2	0.37	0.1%
2005.1-2015.2	-11.6	+3.9	0.61	0.0%	-5.6	+3	0.38	0.1%	-6.3	+3.8	0.33	0.3%
2006.1-2015.2	-12.8	+4.2	0.64	0.0%	-4.6	+2.4	0.44	0.1%	-8.5	+3.9	0.49	0.0%
2007.1-2015.2	-15.4	+4.3	0.73	0.0%	-6.2	+2.5	0.6	0.0%	-9.8	+4.6	0.51	0.1%
2008.1-2015.2	-13.9	+5.5	0.62	0.0%	-5.3	+3.1	0.44	0.3%	-9.1	+5.9	0.37	0.7%
2009.1-2015.2	-15	+7.1	0.57	0.1%	-6.4	+3.8	0.47	0.4%	-9.2	+7.7	0.29	2.9%
2010.1-2015.2	-17.9	+9.1	0.57	0.3%	-7.4	+5.2	0.43	1.2%	-11.3	+10.3	0.28	4.3%
2011.1-2015.2	-19.4	+12.7	0.5	1.3%	-8.5	+6.6	0.44	2.2%	-11.9	+15.6	0.16	13.6%
2011.2-2015.2	-20.9	+15.8	0.46	2.7%	-6.4	+7.9	0.23	10.7%	-15.5	+18.3	0.23	10.7%
2012.1-2015.2	-20.6	+21.4	0.33	7.8%	-1.7	+6.7	-0.1	56.8%	-19.2	+22.4	0.27	10.5%
2012.2-2015.2	-18.1	+31	0.13	22.4%	-1.3	+9.5	-0.17	74.0%	-17	+32.6	0.09	26.6%

With Seasonality
Adjusted by Reform Factors: April 2012 at 2.50

Date	Loss Cost					Severity					Frequency				
	Trend	Conf. Int.	Adj. R2	T Pval Time	T Pval Seasonality	Trend	Conf. Int.	Adj. R2	T Pval Time	T Pval Seasonality	Trend	Conf. Int.	Adj. R2	T Pval Time	T Pval Seasonality
2001.1-2015.2	-8.8	+2.6	0.59	0.0%	18.9%	-5.5	+2	0.51	0.0%	42.0%	-3.5	+2.6	0.24	1.1%	4.4%
2002.1-2015.2	-9.7	+2.9	0.61	0.0%	21.9%	-5.7	+2.2	0.48	0.0%	64.9%	-4.3	+2.7	0.28	0.4%	8.6%
2003.1-2015.2	-10.6	+3.2	0.62	0.0%	28.8%	-6.4	+2.4	0.51	0.0%	83.1%	-4.5	+3.1	0.25	0.7%	18.1%
2004.1-2015.2	-12	+3.4	0.66	0.0%	38.9%	-6	+2.6	0.48	0.0%	42.3%	-6.3	+3.1	0.43	0.0%	9.9%
2005.1-2015.2	-11.8	+3.9	0.62	0.0%	19.8%	-5.6	+3.1	0.36	0.2%	53.1%	-6.6	+3.5	0.43	0.1%	4.7%
2006.1-2015.2	-13.1	+3.8	0.71	0.0%	3.2%	-4.7	+2.4	0.42	0.1%	63.9%	-8.9	+3.5	0.59	0.0%	3.3%
2007.1-2015.2	-15.8	+3.7	0.81	0.0%	1.6%	-6.3	+2.6	0.58	0.0%	56.4%	-10.2	+4.1	0.61	0.0%	4.1%
2008.1-2015.2	-14.6	+4.3	0.77	0.0%	0.7%	-5.4	+3.2	0.42	0.4%	51.2%	-9.7	+5.1	0.53	0.2%	3.1%
2009.1-2015.2	-15.9	+5.4	0.75	0.0%	1.0%	-6.6	+3.8	0.48	0.4%	29.5%	-10	+6.9	0.43	1.2%	7.0%
2010.1-2015.2	-19.3	+5.8	0.83	0.0%	0.3%	-7.8	+5.2	0.45	1.0%	26.9%	-12.6	+8.9	0.47	1.6%	6.1%
2011.1-2015.2	-21.5	+8.4	0.79	0.1%	1.1%	-8.8	+7.2	0.39	2.7%	55.5%	-13.9	+13.4	0.4	5.6%	7.9%
2011.2-2015.2	-20.9	+10.8	0.76	0.6%	2.0%	-6.4	+8.1	0.25	11.1%	32.8%	-15.5	+16.7	0.4	8.1%	13.6%
2012.1-2015.2	-24.5	+12.8	0.77	0.8%	1.7%	-1.9	+7.8	-0.28	55.4%	70.8%	-23	+15.9	0.65	2.2%	4.2%
2012.2-2015.2	-18.1	+10.6	0.91	1.3%	0.3%	-1.3	+11.2	-0.4	76.4%	68.9%	-17	+19	0.72	8.5%	2.4%

Accident Benefits- Funeral

Measured Reform Factor at April 2012- with Seasonality

Date	Loss Cost							Severity							Frequency						
	Trend	Conf. Int.	Adj. R2	T Pval Time	T Pval Seasonality	T Pval Level	Lvl Ch Val: Level	Trend	Conf. Int.	Adj. R2	T Pval Time	T Pval Seasonality	T Pval Level	Lvl Ch Val: Level	Trend	Conf. Int.	Adj. R2	T Pval Time	T Pval Seasonality	T Pval Level	Lvl Ch Val: Level
2001.1-2015.2	-5.7	+3.9	0.2	0.7%	15.9%	2.3%	1.6065	-4.2	+3.2	0.41	1.4%	48.4%	0.0%	2.0544	-1.6	+4	0.26	42.6%	5.2%	21.8%	0.782
2002.1-2015.2	-6.8	+4.5	0.21	0.6%	19.3%	1.7%	1.7121	-4.2	+3.7	0.41	3.2%	72.1%	0.0%	2.0527	-2.8	+4.5	0.28	22.2%	10.1%	37.3%	0.8341
2003.1-2015.2	-8	+5.3	0.22	0.6%	26.3%	1.4%	1.8233	-5.3	+4.3	0.44	2.1%	92.8%	0.0%	2.1811	-2.8	+5.3	0.24	28.8%	21.0%	40.8%	0.836
2004.1-2015.2	-10	+6	0.27	0.4%	35.2%	0.7%	2.0281	-4.1	+4.9	0.49	9.9%	49.8%	0.1%	2.0558	-6.2	+5.5	0.4	3.6%	11.0%	94.8%	0.9865
2005.1-2015.2	-9	+7.1	0.22	2.0%	17.6%	1.4%	1.9315	-2.5	+6	0.5	40.6%	57.0%	0.4%	1.9098	-6.7	+6.6	0.4	5.3%	5.4%	96.0%	1.0113
2006.1-2015.2	-11.3	+7.1	0.41	0.6%	2.3%	0.4%	2.1324	0.8	+4.3	0.81	69.8%	65.2%	0.0%	1.6784	-12	+6.4	0.6	0.2%	2.4%	25.4%	1.2705
2007.1-2015.2	-17	+6.9	0.62	0.0%	0.7%	0.0%	2.6912	-1.1	+5.2	0.8	66.2%	57.4%	0.0%	1.7927	-16.1	+7.1	0.67	0.0%	1.6%	6.7%	1.5013
2008.1-2015.2	-14.4	+8	0.65	0.3%	0.3%	0.1%	2.4522	3.1	+5.4	0.88	23.2%	55.9%	0.1%	1.5833	-16.9	+8.8	0.62	0.2%	1.1%	7.4%	1.5488
2009.1-2015.2	-16.7	+9.8	0.67	0.6%	0.4%	0.1%	2.617	2.9	+6.5	0.88	33.5%	28.6%	0.2%	1.59	-19.1	+11.2	0.55	0.6%	2.5%	7.4%	1.646
2010.1-2015.2	-21.1	+8.3	0.83	0.1%	0.1%	0.0%	2.7852	2.5	+8.2	0.84	49.0%	24.6%	0.6%	1.5969	-23	+11.7	0.65	0.4%	1.6%	4.8%	1.7442
2011.1-2015.2	-21.9	+10.1	0.81	0.3%	0.4%	0.2%	2.7112	1.4	+8.3	0.77	69.2%	48.9%	1.0%	1.5534	-23	+14.5	0.59	1.4%	3.1%	8.5%	1.7453
2011.2-2015.2	-21.9	+9.6	0.85	0.4%	0.4%	0.2%	3.2574	1.4	+9.3	0.64	71.4%	45.0%	2.6%	1.619	-23	+15.9	0.6	2.2%	4.2%	9.9%	2.012
2012.1-2015.2	-21.9	+9.6	0.86	0.4%	0.4%	NA	NA	1.4	+9.3	-0.16	71.4%	45.0%	NA	NA	-23	+15.9	0.65	2.2%	4.2%	NA	NA
2012.2-2015.2	-18.1	+10.6	0.91	1.3%	0.3%	NA	NA	-1.3	+11.2	-0.4	76.4%	68.9%	NA	NA	-17	+19	0.72	8.5%	2.4%	NA	NA
2013.1-2015.2	-19.2	+18.2	0.85	5.6%	1.3%	NA	NA	-3	+18.8	-0.46	65.0%	62.7%	NA	NA	-16.7	+34	0.54	24.0%	7.2%	NA	NA

Province of Nova Scotia
Private Passenger Vehicles
Industry Data as of December 31, 2015

Accident Benefits- Death Benefits

No Seasonality

Adjusted by Reform Factors: April 2012 at 2.50

Date	Loss Cost				Severity				Frequency			
	Trend	Conf. Int.	Adj. R2	T Pval Time	Trend	Conf. Int.	Adj. R2	T Pval Time	Trend	Conf. Int.	Adj. R2	T Pval Time
2001.1-2015.2	1.4	+3.5	-0.01	40.9%	6.3	+3.3	0.34	0.0%	-4.6	+3.3	0.19	1.0%
2002.1-2015.2	2.3	+3.9	0.02	23.6%	8.9	+2.8	0.62	0.0%	-6	+3.2	0.33	0.1%
2003.1-2015.2	1.8	+4.1	-0.01	37.5%	9.1	+3.3	0.59	0.0%	-6.8	+3.3	0.39	0.0%
2004.1-2015.2	1.6	+4.8	-0.02	48.1%	10.3	+3.6	0.63	0.0%	-7.9	+3.6	0.43	0.0%
2005.1-2015.2	2.2	+5.8	-0.02	43.1%	10.4	+4.3	0.56	0.0%	-7.4	+4.4	0.33	0.3%
2006.1-2015.2	0.9	+6.8	-0.05	79.1%	9.3	+5.1	0.44	0.1%	-7.7	+5.3	0.28	0.9%
2007.1-2015.2	1.3	+8.5	-0.06	74.7%	10.2	+6.2	0.42	0.2%	-8.1	+6.6	0.23	2.5%
2008.1-2015.2	1.8	+10.5	-0.06	71.2%	9.7	+7.7	0.32	1.3%	-7.2	+8.5	0.12	10.2%
2009.1-2015.2	4.3	+14.1	-0.04	50.9%	10.6	+10.3	0.26	3.5%	-5.7	+11.1	0.02	29.4%
2010.1-2015.2	3.7	+19.8	-0.08	68.0%	8.6	+13.6	0.1	17.0%	-4.5	+15.6	-0.06	53.9%
2011.1-2015.2	3	+29.5	-0.12	81.8%	10.4	+20.9	0.05	26.0%	-6.7	+22.7	-0.07	52.4%
2011.2-2015.2	0.5	+37.2	-0.14	97.3%	7.4	+25.7	-0.07	49.9%	-6.4	+29.5	-0.1	62.9%
2012.1-2015.2	-13.5	+35.4	-0.03	40.9%	-8.2	+12.5	0.17	17.2%	-5.7	+40.2	-0.14	74.0%
2012.2-2015.2	-19.3	+46.2	0	35.9%	-5.3	+17.2	-0.07	47.3%	-14.7	+49.1	-0.08	48.8%

With Seasonality

Adjusted by Reform Factors: April 2012 at 2.50

Date	Loss Cost					Severity					Frequency				
	Trend	Conf. Int.	Adj. R2	T Pval Time	T Pval Seasonality	Trend	Conf. Int.	Adj. R2	T Pval Time	T Pval Seasonality	Trend	Conf. Int.	Adj. R2	T Pval Time	T Pval Seasonality
2001.1-2015.2	1.2	+3.4	0.06	45.0%	9.6%	6.4	+3.3	0.35	0.0%	20.7%	-4.8	+2.9	0.39	0.2%	0.3%
2002.1-2015.2	2.1	+3.8	0.07	26.2%	12.8%	9	+2.8	0.63	0.0%	22.2%	-6.3	+2.7	0.5	0.0%	0.5%
2003.1-2015.2	1.6	+4.1	0	41.3%	29.5%	9.3	+3.2	0.6	0.0%	17.6%	-7	+2.9	0.52	0.0%	1.3%
2004.1-2015.2	1.4	+4.8	0	53.3%	22.9%	10.5	+3.6	0.63	0.0%	26.9%	-8.2	+3.2	0.56	0.0%	1.3%
2005.1-2015.2	1.9	+5.7	0.03	48.6%	18.3%	10.5	+4.3	0.56	0.0%	34.4%	-7.8	+3.8	0.5	0.1%	1.1%
2006.1-2015.2	0.5	+6.7	0	87.8%	18.8%	9.5	+5.1	0.44	0.1%	33.3%	-8.2	+4.6	0.48	0.2%	1.3%
2007.1-2015.2	0.7	+8.1	0.04	85.5%	12.6%	10.4	+6.4	0.4	0.2%	47.1%	-8.8	+5.5	0.47	0.5%	1.2%
2008.1-2015.2	0.8	+9.3	0.19	86.0%	3.9%	9.9	+8.1	0.28	1.6%	69.6%	-8.3	+6.4	0.5	1.9%	0.4%
2009.1-2015.2	2.8	+12.6	0.17	62.3%	6.6%	10.8	+10.9	0.2	4.3%	81.3%	-7.2	+8.7	0.39	10.8%	1.4%
2010.1-2015.2	1.4	+17.4	0.17	85.4%	7.8%	9.1	+14.5	0.03	16.8%	57.3%	-7.1	+10	0.56	15.7%	0.4%
2011.1-2015.2	-0.3	+26.9	0.08	97.7%	14.1%	11.5	+22.8	-0.02	24.5%	51.9%	-10.6	+13.9	0.59	13.0%	0.7%
2011.2-2015.2	0.5	+35.3	0.03	97.1%	18.2%	7.4	+27.3	-0.11	51.1%	43.4%	-6.4	+16.7	0.66	39.6%	0.6%
2012.1-2015.2	-20.6	+9.6	0.92	0.4%	0.0%	-8.3	+14.7	0	21.9%	92.3%	-13.4	+17.2	0.78	11.9%	0.4%
2012.2-2015.2	-19.3	+13.7	0.92	2.4%	0.2%	-5.3	+20.5	-0.3	52.1%	75.3%	-14.7	+24.3	0.76	19.1%	1.3%

Accident Benefits- Death Benefits

Measured Reform Factor at April 2012- with Seasonality

Date	Loss Cost							Severity							Frequency						
	Trend	Conf. Int.	Adj. R2	T Pval Time	T Pval Seasonality	T Pval Level	Lvl Ch Val: Level	Trend	Conf. Int.	Adj. R2	T Pval Time	T Pval Seasonality	T Pval Level	Lvl Ch Val: Level	Trend	Conf. Int.	Adj. R2	T Pval Time	T Pval Seasonality	T Pval Level	Lvl Ch Val: Level
2001.1-2015.2	0	+5.3	0.15	99.7%	4.2%	24.5%	1.3521	3.3	+3.4	0.68	4.8%	29.4%	0.3%	1.673	-3.2	+4.6	0.39	16.6%	0.4%	35.2%	0.8082
2002.1-2015.2	-1.1	+5.9	0.11	70.8%	10.0%	17.2%	1.4351	4.9	+3.9	0.71	1.4%	24.7%	1.2%	1.5446	-5.7	+4.5	0.48	1.9%	0.6%	72.7%	0.9291
2003.1-2015.2	-2.8	+6.3	0.08	37.7%	21.6%	9.0%	1.5653	4.5	+4.6	0.68	5.0%	19.9%	1.5%	1.5732	-7	+5	0.49	1.1%	1.6%	98.1%	0.995
2004.1-2015.2	-4.3	+7.4	0.12	24.5%	14.7%	6.8%	1.6899	5.6	+5.5	0.69	4.2%	32.8%	3.9%	1.4985	-9.4	+5.6	0.55	0.4%	1.3%	58.8%	1.1277
2005.1-2015.2	-5.1	+9.1	0.14	26.6%	10.9%	7.8%	1.7484	4.2	+6.8	0.64	19.9%	43.9%	3.6%	1.5863	-8.9	+7	0.48	2.0%	1.3%	69.1%	1.1022
2006.1-2015.2	-10.3	+10.1	0.24	5.7%	7.4%	2.3%	2.1805	0	+7.4	0.62	99.3%	44.9%	0.8%	1.8629	-10.3	+8.7	0.46	3.1%	1.3%	56.7%	1.1705
2007.1-2015.2	-13.3	+11.8	0.33	4.0%	3.3%	1.6%	2.4602	-1.1	+9.5	0.6	80.6%	68.4%	1.3%	1.9392	-12.3	+10.8	0.46	3.8%	1.1%	44.0%	1.2687
2008.1-2015.2	-17.4	+11.2	0.59	0.9%	0.2%	0.3%	2.8476	-5.7	+10.6	0.6	27.6%	90.6%	0.5%	2.239	-12.4	+12.9	0.49	7.2%	0.5%	45.1%	1.2718
2009.1-2015.2	-18.2	+14.8	0.56	3.2%	0.7%	0.8%	2.9079	-7.8	+13.5	0.57	24.3%	73.0%	0.9%	2.3592	-11.2	+17.5	0.35	20.4%	1.6%	56.9%	1.2326
2010.1-2015.2	-21.3	+17	0.6	3.3%	0.8%	1.1%	3.0448	-11.2	+13.8	0.6	11.4%	91.3%	0.6%	2.4634	-11.4	+17.9	0.53	20.1%	0.5%	52.2%	1.236
2011.1-2015.2	-20.6	+22	0.55	8.5%	3.0%	2.8%	3.1168	-8.3	+14.9	0.7	23.6%	63.0%	0.6%	2.6652	-13.4	+21.1	0.54	19.5%	1.2%	66.9%	1.1694
2011.2-2015.2	-20.6	+9.6	0.93	0.4%	0.0%	0.0%	5.8742	-8.3	+14.7	0.73	21.9%	92.3%	0.7%	3.2861	-13.4	+17.2	0.75	11.9%	0.4%	14.0%	1.7876
2012.1-2015.2	-20.6	+9.6	0.92	0.4%	0.0%	NA	NA	-8.3	+14.7	0	21.9%	92.3%	NA	NA	-13.4	+17.2	0.78	11.9%	0.4%	NA	NA
2012.2-2015.2	-19.3	+13.7	0.92	2.4%	0.2%	NA	NA	-5.3	+20.5	-0.3	52.1%	75.3%	NA	NA	-14.7	+24.3	0.76	19.1%	1.3%	NA	NA

Province of Nova Scotia
Private Passenger Vehicles
Industry Data as of December 31, 2015

Collision

With Seasonality
Reform Parameter for April 2013

Date	Loss Cost							Severity							Frequency						
	Trend	Conf. Int.	Adj. R2	T Pval Time	T Pval Seasonality	T Pval Level	Lvl Ch Val: Level	Trend	Conf. Int.	Adj. R2	T Pval Time	T Pval Seasonality	T Pval Level	Lvl Ch Val: Level	Trend	Conf. Int.	Adj. R2	T Pval Time	T Pval Seasonality	T Pval Level	Lvl Ch Val: Level
2006.1-2015.2	-0.6	+1.9	-0.11	48.6%	58.1%	37.3%	1.057	2.3	+1.6	0.86	0.7%	15.3%	0.2%	1.1978	-2.9	+2.3	0.7	1.8%	60.0%	11.2%	0.8824
2006.2-2015.2	-1.1	+2.1	-0.08	26.8%	76.4%	24.4%	1.0785	2.5	+1.8	0.85	0.9%	14.0%	0.5%	1.1876	-3.6	+2.5	0.73	0.8%	42.0%	22.2%	0.9081
2007.1-2015.2	-1.7	+2.4	-0.02	15.1%	58.6%	16.2%	1.1006	1.5	+1.7	0.89	7.3%	2.4%	0.0%	1.2329	-3.2	+2.9	0.7	3.6%	34.9%	17.9%	0.8927
2007.2-2015.2	-1.5	+2.8	-0.06	26.7%	56.2%	22.9%	1.0931	1	+1.9	0.88	25.8%	4.5%	0.0%	1.2551	-2.5	+3.3	0.65	13.0%	48.0%	12.7%	0.8709
2008.1-2015.2	-0.7	+3.2	-0.15	63.2%	77.2%	41.3%	1.0648	0.9	+2.2	0.88	40.4%	5.4%	0.1%	1.2608	-1.6	+3.8	0.63	38.4%	34.7%	8.3%	0.8445
2008.2-2015.2	-0.5	+3.9	-0.17	79.3%	73.6%	52.0%	1.056	1.9	+2.4	0.91	9.9%	1.8%	0.2%	1.2199	-2.3	+4.5	0.63	28.0%	29.1%	16.4%	0.8656
2009.1-2015.2	-0.2	+4.8	-0.2	92.1%	80.5%	62.1%	1.048	2.5	+2.8	0.91	7.3%	3.8%	0.6%	1.1985	-2.7	+5.5	0.61	31.3%	36.7%	24.5%	0.8744
2009.2-2015.2	0.7	+5.9	-0.18	79.3%	69.3%	84.2%	1.0211	3.2	+3.4	0.9	6.3%	3.5%	2.0%	1.1776	-2.4	+6.9	0.55	46.0%	43.0%	27.6%	0.8671
2010.1-2015.2	3.2	+6.8	0	30.4%	94.1%	69.5%	0.9592	3.1	+4.4	0.89	13.6%	5.7%	3.9%	1.1786	0.1	+8.3	0.53	98.8%	26.2%	15.0%	0.8138
2010.2-2015.2	2.1	+8.3	-0.21	57.1%	82.7%	89.0%	0.9838	3.8	+5.5	0.88	14.1%	6.3%	8.5%	1.1609	-1.7	+9.9	0.54	70.6%	22.2%	28.1%	0.8475
2011.1-2015.2	4.1	+10.4	-0.12	36.8%	61.6%	67.1%	0.9465	5	+6.9	0.88	12.0%	13.6%	17.2%	1.1342	-0.9	+13.1	0.49	87.1%	25.2%	30.7%	0.8345
2011.2-2015.2	4.1	+13.1	-0.25	45.0%	66.3%	70.5%	0.9462	6.5	+7.7	0.88	7.5%	9.2%	24.0%	1.1113	-2.3	+15.7	0.44	72.6%	25.1%	40.2%	0.8514
2012.1-2015.2	7.1	+12.9	0.23	18.9%	29.2%	56.9%	0.9318	7	+9.8	0.86	11.1%	18.3%	30.3%	1.1086	0.1	+18.7	0.37	99.0%	18.9%	38.1%	0.8405
2012.2-2015.2	7.2	+16.9	0.13	25.4%	43.6%	69.7%	0.9431	7.4	+8.8	0.91	6.8%	7.8%	13.2%	1.1562	-0.2	+24	0.2	98.2%	23.2%	39.7%	0.8157
2013.1-2015.2	6.6	+27.6	-0.13	39.6%	47.5%	89.1%	1.0461	7.9	+13.7	0.84	12.4%	14.5%	67.8%	1.0718	-1.2	+38.7	-0.08	90.6%	30.8%	96.1%	0.9761

With Seasonality
Reform Parameter for April 2013
Excluding 2015-1

Date	Loss Cost							Severity							Frequency						
	Trend	Conf. Int.	Adj. R2	T Pval Time	T Pval Seasonality	T Pval Level	Lvl Ch Val: Level	Trend	Conf. Int.	Adj. R2	T Pval Time	T Pval Seasonality	T Pval Level	Lvl Ch Val: Level	Trend	Conf. Int.	Adj. R2	T Pval Time	T Pval Seasonality	T Pval Level	Lvl Ch Val: Level
2006.1-2015.2	-0.8	+1.4	0.08	23.2%	9.8%	66.7%	1.0204	2.4	+1.6	0.85	0.7%	25.2%	0.2%	1.2085	-3.1	+1.7	0.85	0.1%	71.7%	0.8%	0.8444
2006.2-2015.2	-1.3	+1.5	0.15	9.2%	16.4%	40.8%	1.0401	2.6	+1.9	0.85	0.9%	23.0%	0.5%	1.1984	-3.8	+1.7	0.87	0.0%	99.6%	2.0%	0.8679
2007.1-2015.2	-2	+1.5	0.36	1.5%	5.1%	15.9%	1.0658	1.6	+1.7	0.88	7.2%	5.0%	0.0%	1.2393	-3.5	+2	0.86	0.3%	87.5%	2.1%	0.86
2007.2-2015.2	-1.8	+1.8	0.31	5.3%	5.0%	25.2%	1.0569	1.1	+1.9	0.88	24.8%	8.6%	0.0%	1.2624	-2.8	+2.2	0.85	1.8%	86.8%	0.9%	0.8373
2008.1-2015.2	-1.3	+2.1	0.09	20.7%	10.1%	42.7%	1.0403	1	+2.3	0.87	37.4%	10.5%	0.1%	1.2658	-2.2	+2.6	0.84	8.8%	90.2%	0.8%	0.8219
2008.2-2015.2	-1	+2.5	0.07	39.5%	10.3%	57.8%	1.0309	2	+2.5	0.9	9.7%	4.0%	0.2%	1.2248	-2.9	+3	0.85	5.4%	71.9%	2.2%	0.8417
2009.1-2015.2	-1.3	+3.1	0.03	38.3%	11.5%	53.5%	1.0388	2.7	+3	0.91	6.3%	9.1%	0.8%	1.2007	-3.9	+3.5	0.86	3.4%	98.1%	5.9%	0.8652
2009.2-2015.2	-0.4	+3.7	0.08	80.7%	8.6%	83.9%	1.0133	3.4	+3.6	0.91	5.8%	8.1%	2.2%	1.1795	-3.7	+4.3	0.84	9.1%	93.9%	8.1%	0.8591
2010.1-2015.2	1.2	+4.4	0.05	53.5%	21.1%	70.8%	0.9756	3.6	+4.8	0.9	11.4%	14.0%	5.0%	1.1738	-2.3	+5.5	0.82	35.7%	76.3%	6.0%	0.8311
2010.2-2015.2	-0.1	+5	-0.23	96.2%	30.1%	94.0%	1.0052	4.4	+6.1	0.88	12.4%	14.4%	10.9%	1.1547	-4.3	+5.8	0.86	12.9%	51.9%	13.2%	0.8705
2011.1-2015.2	0.3	+7	-0.34	91.0%	45.7%	97.2%	0.9972	6.5	+7.7	0.9	7.6%	36.3%	24.1%	1.1115	-5.8	+7.6	0.86	11.4%	84.9%	27.2%	0.8972
2011.2-2015.2	0.2	+9.2	-0.54	95.9%	53.4%	99.4%	0.9992	8.2	+8.3	0.91	4.7%	23.4%	32.0%	1.0871	-7.4	+7.9	0.89	6.8%	62.5%	36.2%	0.9192
2012.1-2015.2	2.7	+10.2	-0.28	45.1%	89.8%	79.6%	0.9795	9.9	+10.8	0.92	5.4%	54.1%	40.3%	1.0732	-6.6	+11.6	0.83	18.1%	56.1%	39.6%	0.9127
2012.2-2015.2	2.7	+14.4	-0.17	49.5%	86.6%	97.9%	1.0025	9.9	+6.2	0.98	1.9%	10.3%	7.7%	1.1184	-6.6	+18.3	0.74	27.3%	55.7%	43.7%	0.8963
2013.1-2015.2	2.7	+62.1	-1.25	65.8%	85.9%	91.0%	0.9716	9.9	+26.2	0.96	12.3%	35.2%	41.9%	1.1134	-6.6	+84.1	0.33	48.0%	80.7%	71.6%	0.8727

Collision

No Seasonality
Reform Parameter for April 2013

Date	Loss Cost						Severity						Frequency					
	Trend	Conf. Int.	Adj. R2	T Pval Time	T Pval Level	Lvl Ch Val: Level	Trend	Conf. Int.	Adj. R2	T Pval Time	T Pval Level	Lvl Ch Val: Level	Trend	Conf. Int.	Adj. R2	T Pval Time	T Pval Level	Lvl Ch Val: Level
2006.1-2015.2	-0.6	+1.9	-0.06	49.9%	36.8%	1.0563	2.4	+1.7	0.85	0.6%	0.3%	1.1961	-2.9	+2.2	0.71	1.4%	10.6%	0.8831
2006.2-2015.2	-1.2	+2	-0.02	24.9%	22.5%	1.0794	2.5	+1.9	0.84	1.2%	0.5%	1.1918	-3.6	+2.4	0.73	0.8%	20.4%	0.9057
2007.1-2015.2	-1.6	+2.3	0.03	15.1%	15.5%	1.0994	1.7	+2	0.85	8.5%	0.1%	1.2286	-3.3	+2.8	0.7	2.9%	18.5%	0.8948
2007.2-2015.2	-1.5	+2.7	-0.01	24.6%	20.8%	1.0951	1	+2.1	0.85	34.6%	0.1%	1.2606	-2.5	+3.2	0.66	12.8%	11.3%	0.8687
2008.1-2015.2	-0.7	+3	-0.07	63.8%	40.3%	1.0637	1.1	+2.5	0.84	35.8%	0.2%	1.2544	-1.8	+3.8	0.63	33.4%	8.7%	0.8479
2008.2-2015.2	-0.5	+3.7	-0.09	77.6%	49.5%	1.0572	1.8	+2.9	0.85	19.6%	0.6%	1.2263	-2.3	+4.5	0.62	29.7%	15.5%	0.8621
2009.1-2015.2	-0.2	+4.5	-0.09	94.1%	61.6%	1.0464	2.9	+3.3	0.87	7.9%	1.9%	1.1882	-2.9	+5.4	0.62	25.9%	26.4%	0.8806
2009.2-2015.2	0.7	+5.5	-0.08	79.1%	82.6%	1.0222	3.1	+4.1	0.86	12.5%	4.0%	1.1822	-2.3	+6.7	0.56	46.2%	25.7%	0.8647
2010.1-2015.2	3.1	+6.2	0.11	27.4%	68.1%	0.96	3.8	+5.2	0.85	12.6%	9.2%	1.1616	-0.6	+8.2	0.5	87.2%	18.2%	0.8264
2010.2-2015.2	2.1	+7.6	-0.07	54.4%	88.3%	0.9838	3.8	+6.5	0.82	21.0%	13.9%	1.1609	-1.7	+10.2	0.49	71.7%	29.8%	0.8475
2011.1-2015.2	3.6	+9.3	0	37.8%	69.7%	0.954	5.9	+7.5	0.84	9.7%	27.2%	1.1149	-2.1	+12.8	0.44	70.6%	38.4%	0.8557
2011.2-2015.2	4	+11.6	-0.09	42.6%	70.2%	0.9498	6.9	+9.2	0.82	10.7%	37.0%	1.1003	-2.7	+15.7	0.38	69.1%	45.8%	0.8632
2012.1-2015.2	6.1	+12.2	0.16	24.4%	64.0%	0.9426	8	+10.4	0.81	9.3%	40.2%	1.0957	-1.8	+19	0.19	81.4%	48.7%	0.8603
2012.2-2015.2	6.5	+14.1	0.17	25.6%	79.6%	0.9644	8.4	+12	0.77	11.2%	36.8%	1.1176	-1.8	+23.3	-0.05	84.2%	56.0%	0.863
2013.1-2015.2	6.6	+19.5	-0.04	34.6%	87.5%	0.9561	7.9	+16	0.6	20.1%	44.1%	1.207	-1.2	+32.2	-0.39	91.4%	64.8%	0.7921

No Seasonality
Reform Parameter for April 2013
Excluding 2015-1

Date	Loss Cost						Severity						Frequency					
	Trend	Conf. Int.	Adj. R2	T Pval Time	T Pval Level	Lvl Ch Val: Level	Trend	Conf. Int.	Adj. R2	T Pval Time	T Pval Level	Lvl Ch Val: Level	Trend	Conf. Int.	Adj. R2	T Pval Time	T Pval Level	Lvl Ch Val: Level
2006.1-2015.2	-0.7	+1.5	-0.04	31.7%	63.9%	1.0237	2.5	+1.6	0.85	0.5%	0.2%	1.2114	-3.1	+1.6	0.86	0.1%	0.7%	0.845
2006.2-2015.2	-1.3	+1.6	0.08	9.8%	35.0%	1.047	2.6	+1.9	0.84	1.0%	0.4%	1.2064	-3.8	+1.7	0.88	0.0%	1.6%	0.8678
2007.1-2015.2	-1.8	+1.7	0.19	3.8%	19.1%	1.0679	1.8	+1.9	0.85	7.0%	0.1%	1.242	-3.5	+1.9	0.87	0.2%	1.6%	0.8598
2007.2-2015.2	-1.8	+2	0.12	7.8%	23.9%	1.0663	1.1	+2.1	0.85	29.4%	0.0%	1.2725	-2.8	+2.1	0.86	1.4%	0.7%	0.838
2008.1-2015.2	-1.1	+2.2	-0.07	32.7%	47.0%	1.0397	1.2	+2.5	0.85	30.0%	0.1%	1.2649	-2.3	+2.4	0.85	7.0%	0.5%	0.8219
2008.2-2015.2	-1	+2.7	-0.12	43.9%	53.4%	1.0378	2	+2.9	0.86	15.0%	0.5%	1.2351	-3	+2.8	0.86	4.4%	1.6%	0.8403
2009.1-2015.2	-0.8	+3.4	-0.16	58.7%	62.3%	1.0334	3.2	+3.2	0.89	5.0%	1.4%	1.1945	-3.9	+3.2	0.88	2.3%	4.5%	0.8651
2009.2-2015.2	-0.3	+4.2	-0.21	87.8%	81.2%	1.0178	3.5	+4.1	0.87	7.9%	3.4%	1.1845	-3.7	+4	0.86	7.3%	6.3%	0.8593
2010.1-2015.2	1.8	+4.4	-0.06	36.1%	61.2%	0.9655	4.4	+5.1	0.87	7.3%	8.4%	1.1581	-2.5	+4.9	0.84	27.8%	4.6%	0.8337
2010.2-2015.2	0.1	+4.9	-0.28	95.1%	96.7%	1.0028	4.8	+6.6	0.85	12.3%	14.7%	1.15	-4.4	+5.4	0.87	9.8%	11.6%	0.872
2011.1-2015.2	1.1	+6.2	-0.26	68.3%	84.1%	0.9848	7.5	+7	0.9	3.4%	29.3%	1.0938	-6	+6.2	0.88	6.1%	23.2%	0.9003
2011.2-2015.2	0.7	+7.9	-0.38	83.4%	91.2%	0.9906	9.1	+8.3	0.9	3.2%	42.8%	1.0708	-7.7	+6.6	0.9	3.4%	34.7%	0.925
2012.1-2015.2	2.5	+7	0.03	36.7%	78.0%	0.9815	10.9	+8.1	0.93	1.7%	41.4%	1.0622	-7.5	+8.5	0.86	7.7%	39.9%	0.924
2012.2-2015.2	3	+8.1	0.21	32.3%	97.4%	0.9978	11.5	+8	0.95	1.7%	24.8%	1.0869	-7.7	+11.3	0.78	12.8%	45.0%	0.918
2013.1-2015.2	3	+13.9	-0.18	44.1%	94.2%	0.9891	10.9	+11.4	0.92	5.0%	25.9%	1.1738	-7.1	+18.1	0.63	24.4%	47.1%	0.8426

Collision

No Seasonality

No Reform Parameter for April 2013

Date	Loss Cost				Severity				Frequency			
	Trend	Conf. Int.	Adj. R2	T Pval Time	Trend	Conf. Int.	Adj. R2	T Pval Time	Trend	Conf. Int.	Adj. R2	T Pval Time
2006.1-2015.2	0	+1.1	-0.06	93.9%	4.6	+1.3	0.75	0.0%	-4.4	+1.4	0.68	0.0%
2006.2-2015.2	-0.2	+1.2	-0.05	77.5%	4.9	+1.4	0.75	0.0%	-4.8	+1.4	0.72	0.0%
2007.1-2015.2	-0.3	+1.4	-0.05	64.0%	4.7	+1.6	0.71	0.0%	-4.8	+1.6	0.68	0.0%
2007.2-2015.2	-0.1	+1.5	-0.06	85.4%	4.6	+1.8	0.66	0.0%	-4.6	+1.8	0.62	0.0%
2008.1-2015.2	0.4	+1.6	-0.05	63.3%	5.1	+1.9	0.68	0.0%	-4.5	+2.1	0.57	0.0%
2008.2-2015.2	0.5	+1.8	-0.04	53.0%	5.7	+2	0.74	0.0%	-4.9	+2.3	0.58	0.0%
2009.1-2015.2	0.8	+2.1	-0.03	43.4%	6.6	+2	0.8	0.0%	-5.4	+2.5	0.6	0.1%
2009.2-2015.2	1.2	+2.4	0.01	30.3%	7	+2.3	0.8	0.0%	-5.5	+3	0.55	0.2%
2010.1-2015.2	2.1	+2.5	0.18	9.2%	7.7	+2.6	0.81	0.0%	-5.2	+3.6	0.45	1.0%
2010.2-2015.2	1.6	+3	0.05	25.0%	8.1	+3.1	0.79	0.0%	-6	+4.1	0.48	1.1%
2011.1-2015.2	2.2	+3.6	0.1	19.3%	9.4	+3.3	0.84	0.0%	-6.6	+5	0.45	1.9%
2011.2-2015.2	2.3	+4.7	0.04	28.1%	10.1	+4.1	0.82	0.0%	-7.1	+6.3	0.41	3.7%
2012.1-2015.2	4.1	+5.4	0.26	11.1%	11.3	+5.1	0.82	0.1%	-6.5	+8.5	0.25	12.0%
2012.2-2015.2	5.4	+7.2	0.33	10.5%	11.9	+7.1	0.77	0.6%	-5.8	+12	0.08	27.7%
2013.1-2015.2	5.9	+11.1	0.21	20.2%	10.8	+10.5	0.62	4.0%	-4.4	+18.3	-0.13	54.6%

No Seasonality

No Reform Parameter for April 2013

Excluding 2015-1

Date	Loss Cost				Severity				Frequency			
	Trend	Conf. Int.	Adj. R2	T Pval Time	Trend	Conf. Int.	Adj. R2	T Pval Time	Trend	Conf. Int.	Adj. R2	T Pval Time
2006.1-2015.2	-0.5	+0.9	0.01	30.3%	4.7	+1.4	0.74	0.0%	-4.9	+1.3	0.78	0.0%
2006.2-2015.2	-0.8	+1	0.09	12.3%	5	+1.6	0.74	0.0%	-5.5	+1.2	0.83	0.0%
2007.1-2015.2	-1	+1.1	0.15	7.2%	4.8	+1.7	0.69	0.0%	-5.5	+1.4	0.81	0.0%
2007.2-2015.2	-0.9	+1.2	0.08	14.8%	4.7	+2	0.64	0.0%	-5.4	+1.5	0.77	0.0%
2008.1-2015.2	-0.4	+1.2	-0.03	47.7%	5.2	+2.2	0.66	0.0%	-5.4	+1.8	0.74	0.0%
2008.2-2015.2	-0.3	+1.4	-0.06	62.8%	6	+2.2	0.73	0.0%	-6	+1.8	0.78	0.0%
2009.1-2015.2	-0.2	+1.7	-0.08	80.5%	7	+2.2	0.8	0.0%	-6.7	+1.8	0.83	0.0%
2009.2-2015.2	0.1	+1.9	-0.1	90.8%	7.5	+2.5	0.81	0.0%	-6.9	+2.2	0.81	0.0%
2010.1-2015.2	0.9	+1.9	0.03	29.1%	8.3	+2.8	0.83	0.0%	-6.8	+2.6	0.76	0.0%
2010.2-2015.2	0.2	+2	-0.12	81.6%	8.9	+3.3	0.82	0.0%	-8	+2.6	0.84	0.0%
2011.1-2015.2	0.6	+2.5	-0.09	57.9%	10.5	+3.2	0.89	0.0%	-9	+2.7	0.87	0.0%
2011.2-2015.2	0.4	+3.2	-0.15	79.1%	11.6	+3.7	0.9	0.0%	-10	+2.9	0.9	0.0%
2012.1-2015.2	1.9	+3.1	0.21	16.9%	13.1	+3.9	0.93	0.0%	-9.9	+4	0.86	0.2%
2012.2-2015.2	2.9	+3.9	0.41	10.3%	14.3	+5.1	0.93	0.1%	-10	+5.8	0.79	1.1%
2013.1-2015.2	2.9	+6.4	0.21	24.7%	13.6	+8.1	0.89	1.1%	-9.4	+9.6	0.66	5.9%

Collision

With Seasonality

No Reform Parameter for April 2013

Date	Loss Cost					Severity					Frequency				
	Trend	Conf. Int.	Adj. R2	T Pval Time	T Pval Seasonality	Trend	Conf. Int.	Adj. R2	T Pval Time	T Pval Seasonality	Trend	Conf. Int.	Adj. R2	T Pval Time	T Pval Seasonality
2006.1-2015.2	0	+-1.2	-0.1	97.8%	59.0%	4.6	+-1.3	0.76	0.0%	29.2%	-4.3	+-1.4	0.67	0.0%	63.8%
2006.2-2015.2	-0.2	+-1.3	-0.11	78.1%	72.8%	4.9	+-1.4	0.76	0.0%	19.8%	-4.8	+-1.5	0.71	0.0%	39.8%
2007.1-2015.2	-0.3	+-1.4	-0.1	61.7%	62.9%	4.6	+-1.5	0.73	0.0%	14.2%	-4.7	+-1.6	0.68	0.0%	38.4%
2007.2-2015.2	-0.1	+-1.6	-0.11	85.7%	53.6%	4.6	+-1.7	0.69	0.0%	15.6%	-4.6	+-1.9	0.61	0.0%	46.4%
2008.1-2015.2	0.3	+-1.7	-0.13	66.7%	79.8%	4.9	+-1.9	0.69	0.0%	24.3%	-4.4	+-2.1	0.55	0.1%	42.9%
2008.2-2015.2	0.5	+-1.9	-0.12	54.5%	71.0%	5.7	+-1.8	0.78	0.0%	7.7%	-4.9	+-2.3	0.59	0.1%	28.8%
2009.1-2015.2	0.7	+-2.2	-0.12	47.3%	82.5%	6.4	+-2	0.82	0.0%	15.4%	-5.3	+-2.6	0.59	0.1%	41.8%
2009.2-2015.2	1.2	+-2.5	-0.06	32.3%	67.2%	7	+-2.1	0.84	0.0%	7.9%	-5.5	+-3.1	0.53	0.3%	41.9%
2010.1-2015.2	2.1	+-2.7	0.09	11.3%	97.0%	7.4	+-2.5	0.83	0.0%	14.6%	-5	+-3.7	0.45	1.5%	35.5%
2010.2-2015.2	1.6	+-3.2	-0.06	27.8%	81.5%	8.1	+-2.8	0.83	0.0%	9.7%	-6	+-4	0.52	1.0%	22.6%
2011.1-2015.2	2.4	+-4	0.01	19.8%	62.7%	9	+-3.2	0.85	0.0%	20.1%	-6.1	+-5.2	0.47	3.0%	30.0%
2011.2-2015.2	2.3	+-5.1	-0.08	31.3%	65.3%	10.1	+-3.6	0.87	0.0%	10.8%	-7.1	+-6.3	0.46	3.7%	25.3%
2012.1-2015.2	4.6	+-5.6	0.32	8.1%	26.8%	10.6	+-5	0.85	0.2%	20.5%	-5.4	+-8.4	0.38	16.6%	19.2%
2012.2-2015.2	5.4	+-7.9	0.31	12.3%	40.4%	11.9	+-6.6	0.83	0.6%	16.2%	-5.8	+-12	0.2	25.9%	25.1%
2013.1-2015.2	7.2	+-13.2	0.24	17.1%	36.5%	8.8	+-6.9	0.88	2.5%	5.3%	-1.5	+-18.1	0.28	81.2%	17.0%

With Seasonality

No Reform Parameter for April 2013

Excluding 2015-1

Date	Loss Cost					Severity					Frequency				
	Trend	Conf. Int.	Adj. R2	T Pval Time	T Pval Seasonality	Trend	Conf. Int.	Adj. R2	T Pval Time	T Pval Seasonality	Trend	Conf. Int.	Adj. R2	T Pval Time	T Pval Seasonality
2006.1-2015.2	-0.6	+-0.9	0.13	16.8%	8.6%	4.6	+-1.4	0.74	0.0%	33.4%	-5	+-1.3	0.77	0.0%	84.2%
2006.2-2015.2	-0.8	+-0.9	0.17	8.6%	13.6%	4.9	+-1.5	0.74	0.0%	23.9%	-5.4	+-1.3	0.82	0.0%	82.7%
2007.1-2015.2	-1.2	+-1	0.3	2.5%	5.5%	4.6	+-1.7	0.71	0.0%	17.0%	-5.5	+-1.5	0.8	0.0%	85.9%
2007.2-2015.2	-1	+-1.1	0.29	7.1%	4.2%	4.6	+-1.9	0.67	0.0%	18.5%	-5.3	+-1.6	0.76	0.0%	93.7%
2008.1-2015.2	-0.6	+-1.2	0.12	26.1%	9.6%	5	+-2.2	0.67	0.0%	30.0%	-5.3	+-1.9	0.72	0.0%	94.0%
2008.2-2015.2	-0.5	+-1.3	0.13	45.7%	8.4%	5.8	+-2.1	0.77	0.0%	11.5%	-5.9	+-1.9	0.77	0.0%	66.2%
2009.1-2015.2	-0.5	+-1.6	0.09	48.7%	10.8%	6.6	+-2.3	0.81	0.0%	25.9%	-6.7	+-2	0.81	0.0%	91.0%
2009.2-2015.2	-0.1	+-1.7	0.18	88.4%	6.8%	7.3	+-2.4	0.83	0.0%	14.9%	-6.9	+-2.3	0.78	0.0%	99.5%
2010.1-2015.2	0.6	+-1.9	0.15	51.0%	16.9%	7.9	+-2.9	0.84	0.0%	29.8%	-6.8	+-3	0.73	0.1%	97.0%
2010.2-2015.2	0	+-2	-0.05	96.3%	26.2%	8.6	+-3.2	0.84	0.0%	20.8%	-7.9	+-2.8	0.82	0.0%	59.6%
2011.1-2015.2	0.2	+-2.8	-0.12	84.1%	39.8%	10.1	+-3.6	0.88	0.0%	50.7%	-9	+-3.3	0.85	0.1%	96.4%
2011.2-2015.2	0.2	+-3.5	-0.24	91.4%	47.6%	11.2	+-3.8	0.91	0.0%	28.0%	-10	+-3.3	0.89	0.1%	72.0%
2012.1-2015.2	2	+-4.1	0.01	25.4%	92.9%	12.7	+-5.1	0.92	0.2%	64.2%	-9.6	+-5.2	0.83	0.8%	67.0%
2012.2-2015.2	2.8	+-5.2	0.22	18.2%	83.0%	13.9	+-6.1	0.93	0.4%	42.7%	-9.8	+-7.8	0.74	3.2%	69.4%
2013.1-2015.2	2.4	+-12.7	-0.15	49.3%	82.1%	11.1	+-9.2	0.94	3.2%	18.3%	-7.8	+-17.8	0.59	21.0%	55.9%

Province of Nova Scotia
Private Passenger Vehicles
Industry Data as of December 31, 2015

Comprehensive

With Seasonality

Date	Loss Cost					Severity					Frequency				
	Trend	Conf. Int.	Adj. R2	T Pval Time	T Pval Seasonality	Trend	Conf. Int.	Adj. R2	T Pval Time	T Pval Seasonality	Trend	Conf. Int.	Adj. R2	T Pval Time	T Pval Seasonality
2006.1-2015.2	3.2	+1	0.86	0.0%	0.0%	1.3	+1	0.79	1.2%	0.0%	1.9	+1.2	0.33	0.4%	75.6%
2006.2-2015.2	3.2	+1.1	0.83	0.0%	0.0%	1.6	+1	0.81	0.4%	0.0%	1.6	+1.3	0.22	1.8%	99.3%
2007.1-2015.2	2.9	+1.2	0.84	0.0%	0.0%	1.7	+1.1	0.81	0.6%	0.0%	1.2	+1.3	0.1	7.5%	71.5%
2007.2-2015.2	3	+1.4	0.82	0.0%	0.0%	1.8	+1.3	0.79	0.9%	0.0%	1.2	+1.5	0.05	11.8%	74.9%
2008.1-2015.2	3.1	+1.6	0.82	0.1%	0.0%	1.9	+1.5	0.79	1.4%	0.0%	1.1	+1.8	0.01	18.3%	74.4%
2008.2-2015.2	3.5	+1.7	0.82	0.1%	0.0%	2.3	+1.6	0.8	0.9%	0.0%	1.2	+2	-0.02	22.1%	73.7%
2009.1-2015.2	4	+1.9	0.85	0.1%	0.0%	2.7	+1.8	0.82	0.5%	0.0%	1.2	+2.4	-0.04	27.0%	78.3%
2009.2-2015.2	4.7	+2	0.87	0.0%	0.0%	3	+2	0.81	0.8%	0.0%	1.6	+2.7	-0.01	21.9%	67.3%
2010.1-2015.2	5.2	+2.3	0.88	0.1%	0.0%	3.2	+2.5	0.8	1.5%	0.0%	1.9	+3.3	-0.01	23.3%	78.3%
2010.2-2015.2	5.2	+2.8	0.84	0.3%	0.0%	4.3	+2.3	0.88	0.2%	0.0%	0.8	+3.6	-0.21	61.3%	92.2%
2011.1-2015.2	5.5	+3.6	0.84	0.8%	0.1%	5.6	+2.1	0.94	0.0%	0.0%	-0.1	+4.3	-0.28	94.6%	82.0%
2011.2-2015.2	6.6	+4.2	0.85	0.7%	0.1%	6	+2.6	0.92	0.1%	0.0%	0.6	+5.4	-0.29	81.0%	70.7%
2012.1-2015.2	8.6	+4.4	0.91	0.4%	0.2%	5	+3.1	0.94	0.8%	0.0%	3.4	+5.4	0.09	16.3%	70.1%
2012.2-2015.2	8.7	+6.4	0.86	1.7%	0.9%	5	+4.5	0.91	3.5%	0.2%	3.5	+7.7	-0.04	26.7%	77.2%
2013.1-2015.2	9	+11.2	0.84	7.5%	3.5%	4.1	+7.4	0.91	17.3%	0.9%	4.8	+13.3	-0.14	32.6%	68.2%

With Seasonality

Excluding 2015-1

Date	Loss Cost					Severity					Frequency				
	Trend	Conf. Int.	Adj. R2	T Pval Time	T Pval Seasonality	Trend	Conf. Int.	Adj. R2	T Pval Time	T Pval Seasonality	Trend	Conf. Int.	Adj. R2	T Pval Time	T Pval Seasonality
2006.1-2015.2	2.8	+1	0.89	0.0%	0.0%	1.3	+1.1	0.79	2.4%	0.0%	1.5	+1.3	0.26	1.9%	44.7%
2006.2-2015.2	2.8	+1.1	0.87	0.0%	0.0%	1.6	+1.1	0.81	0.9%	0.0%	1.2	+1.3	0.12	6.5%	63.5%
2007.1-2015.2	2.4	+1.1	0.89	0.0%	0.0%	1.7	+1.3	0.81	1.3%	0.0%	0.7	+1.3	0.06	28.4%	29.9%
2007.2-2015.2	2.4	+1.3	0.88	0.1%	0.0%	1.8	+1.4	0.79	1.9%	0.0%	0.6	+1.5	0	37.0%	34.5%
2008.1-2015.2	2.4	+1.5	0.87	0.4%	0.0%	1.9	+1.7	0.79	2.8%	0.0%	0.4	+1.7	-0.01	58.5%	30.5%
2008.2-2015.2	2.8	+1.6	0.88	0.2%	0.0%	2.3	+1.8	0.8	1.9%	0.0%	0.5	+1.9	-0.04	60.5%	32.9%
2009.1-2015.2	3.2	+1.8	0.89	0.2%	0.0%	2.9	+2.1	0.82	1.1%	0.0%	0.3	+2.3	-0.05	76.6%	33.2%
2009.2-2015.2	3.8	+1.7	0.92	0.1%	0.0%	3.1	+2.4	0.8	1.4%	0.0%	0.7	+2.7	-0.02	58.8%	28.8%
2010.1-2015.2	4.1	+2.2	0.92	0.2%	0.0%	3.5	+3	0.8	2.5%	0.1%	0.6	+3.4	-0.04	67.8%	34.4%
2010.2-2015.2	4.1	+2.6	0.9	0.7%	0.0%	4.6	+2.8	0.88	0.5%	0.0%	-0.5	+3.4	-0.2	76.0%	52.3%
2011.1-2015.2	4	+3.6	0.9	3.2%	0.1%	6.5	+2.1	0.96	0.0%	0.0%	-2.3	+3.2	0.24	13.4%	12.3%
2011.2-2015.2	5.1	+3.7	0.92	1.6%	0.1%	6.8	+2.5	0.95	0.1%	0.0%	-1.6	+3.8	0.26	32.1%	10.2%
2012.1-2015.2	6.9	+4.6	0.95	1.3%	0.2%	6.1	+3.6	0.96	0.8%	0.2%	0.7	+3.5	0.19	61.5%	25.3%
2012.2-2015.2	7.1	+6.9	0.92	4.3%	1.1%	6	+5.4	0.92	3.5%	0.9%	1	+5.1	0.07	59.0%	30.3%
2013.1-2015.2	5.6	+15.7	0.91	25.1%	5.0%	5.8	+13.3	0.91	19.2%	5.8%	-0.1	+11.7	0.01	96.6%	35.4%

Comprehensive

No Seasonality

Date	Loss Cost				Severity				Frequency			
	Trend	Conf. Int.	Adj. R2	T Pval Time	Trend	Conf. Int.	Adj. R2	T Pval Time	Trend	Conf. Int.	Adj. R2	T Pval Time
2006.1-2015.2	3.6	+2.1	0.38	0.2%	1.6	+2	0.09	10.7%	1.9	+1.2	0.36	0.3%
2006.2-2015.2	3.2	+2.3	0.3	0.9%	1.6	+2.2	0.07	15.1%	1.6	+1.2	0.26	1.5%
2007.1-2015.2	3.3	+2.6	0.28	1.4%	2.1	+2.4	0.12	8.4%	1.2	+1.3	0.15	6.1%
2007.2-2015.2	3	+2.9	0.2	4.3%	1.8	+2.7	0.06	17.9%	1.2	+1.5	0.11	10.7%
2008.1-2015.2	3.6	+3.2	0.25	2.9%	2.4	+3	0.12	10.3%	1.2	+1.7	0.08	15.6%
2008.2-2015.2	3.5	+3.7	0.19	6.0%	2.3	+3.4	0.07	17.5%	1.2	+1.9	0.05	20.4%
2009.1-2015.2	4.7	+4	0.32	2.1%	3.4	+3.7	0.19	6.5%	1.3	+2.2	0.04	23.3%
2009.2-2015.2	4.7	+4.7	0.25	4.7%	3	+4.3	0.11	14.8%	1.6	+2.6	0.07	20.0%
2010.1-2015.2	6.1	+5.2	0.36	2.2%	4.1	+4.9	0.19	8.6%	1.9	+3.1	0.08	19.2%
2010.2-2015.2	5.2	+6.1	0.22	8.2%	4.3	+6	0.15	13.1%	0.8	+3.3	-0.07	59.1%
2011.1-2015.2	6.9	+7.3	0.31	5.5%	6.9	+6.4	0.38	3.3%	-0.1	+3.9	-0.12	97.6%
2011.2-2015.2	6.6	+9.3	0.2	12.9%	6	+8	0.22	11.2%	0.6	+4.9	-0.13	79.6%
2012.1-2015.2	10.7	+10.4	0.46	3.8%	7.3	+10.6	0.23	13.0%	3.2	+4.6	0.21	13.9%
2012.2-2015.2	8.7	+13.8	0.24	15.1%	5	+13.9	-0.02	38.4%	3.5	+6.5	0.15	21.4%
2013.1-2015.2	12.9	+19.7	0.35	12.5%	8.3	+20.5	0.07	30.4%	4.2	+9.9	0.09	29.2%

**No Seasonality
Excluding 2015-1**

Date	Loss Cost				Severity				Frequency			
	Trend	Conf. Int.	Adj. R2	T Pval Time	Trend	Conf. Int.	Adj. R2	T Pval Time	Trend	Conf. Int.	Adj. R2	T Pval Time
2006.1-2015.2	3.6	+2.4	0.35	0.4%	1.9	+2.2	0.13	7.3%	1.6	+1.2	0.28	1.1%
2006.2-2015.2	3.2	+2.6	0.26	1.7%	1.9	+2.4	0.1	10.5%	1.2	+1.2	0.17	5.2%
2007.1-2015.2	3.4	+2.9	0.25	2.4%	2.5	+2.6	0.17	5.4%	0.8	+1.3	0.05	19.7%
2007.2-2015.2	3	+3.2	0.16	6.7%	2.2	+2.9	0.1	12.0%	0.7	+1.4	0.01	31.6%
2008.1-2015.2	3.6	+3.6	0.22	4.6%	3	+3.2	0.18	6.3%	0.6	+1.6	-0.02	42.8%
2008.2-2015.2	3.5	+4.2	0.16	8.9%	2.9	+3.7	0.13	11.2%	0.6	+1.9	-0.05	52.3%
2009.1-2015.2	4.9	+4.5	0.29	3.4%	4.2	+4	0.29	3.5%	0.6	+2.2	-0.06	56.9%
2009.2-2015.2	4.8	+5.4	0.22	6.8%	4	+4.7	0.2	8.4%	0.8	+2.6	-0.05	49.2%
2010.1-2015.2	6.5	+6	0.35	3.3%	5.4	+5.3	0.31	4.2%	1.1	+3.2	-0.04	46.2%
2010.2-2015.2	5.5	+7.2	0.2	10.9%	5.8	+6.5	0.28	6.7%	-0.3	+3.1	-0.12	83.2%
2011.1-2015.2	7.4	+8.7	0.3	7.4%	9	+6.3	0.59	0.9%	-1.5	+3.4	0	34.5%
2011.2-2015.2	7.2	+11.4	0.19	15.8%	8.4	+8.1	0.46	3.9%	-1.1	+4.4	-0.1	57.4%
2012.1-2015.2	12	+12.7	0.48	5.0%	10.4	+10.5	0.51	4.4%	1.4	+3.2	0.06	29.1%
2012.2-2015.2	10.1	+17.9	0.25	17.6%	8.5	+14.6	0.27	16.6%	1.4	+4.7	-0.05	43.4%
2013.1-2015.2	14.9	+27.3	0.39	15.6%	13	+21.1	0.46	12.7%	1.7	+7.7	-0.14	52.3%

Province of Nova Scotia
Private Passenger Vehicles
Industry Data as of December 31, 2015

All Perils

With Seasonality

Date	Loss Cost					Severity					Frequency				
	Trend	Conf. Int.	Adj. R2	T Pval Time	T Pval Seasonality	Trend	Conf. Int.	Adj. R2	T Pval Time	T Pval Seasonality	Trend	Conf. Int.	Adj. R2	T Pval Time	T Pval Seasonality
2006.1-2015.2	1.4	+1.1	0.35	2.0%	4.4%	1.7	+1.4	0.21	2.4%	42.0%	-0.3	+1.5	-0.06	66.0%	40.4%
2007.1-2015.2	0.8	+1.2	0.29	21.7%	2.2%	1.6	+1.7	0.2	6.1%	22.7%	-0.8	+1.7	-0.04	31.1%	55.5%
2008.1-2015.2	0.6	+1.5	0.17	41.0%	7.2%	1.8	+1.9	0.15	6.5%	58.2%	-1.2	+2.1	-0.01	25.9%	42.6%
2009.1-2015.2	0.6	+2	0.13	54.3%	9.8%	3.1	+1.9	0.5	0.4%	34.5%	-2.5	+2.4	0.21	4.4%	50.1%
2010.1-2015.2	0.9	+2.8	0.05	47.8%	22.8%	3.9	+2.6	0.52	0.7%	53.4%	-2.9	+3.3	0.15	8.2%	58.8%
2011.1-2015.2	1.5	+4.1	-0.05	41.5%	49.3%	6.2	+2.7	0.78	0.1%	58.1%	-4.5	+4.5	0.27	5.5%	76.4%
2012.1-2015.2	3	+6.5	-0.07	28.0%	97.0%	6.4	+4.8	0.64	1.7%	57.0%	-3.2	+7.1	-0.05	30.8%	74.8%
2013.1-2015.2	8.2	+10.5	0.49	8.0%	48.7%	9.1	+9.8	0.66	5.5%	61.1%	-0.7	+15.7	-0.31	88.9%	47.6%

With Seasonality
Excluding 2015-1

Date	Loss Cost					Severity					Frequency				
	Trend	Conf. Int.	Adj. R2	T Pval Time	T Pval Seasonality	Trend	Conf. Int.	Adj. R2	T Pval Time	T Pval Seasonality	Trend	Conf. Int.	Adj. R2	T Pval Time	T Pval Seasonality
2006.1-2015.2	0.9	+1	0.44	9.4%	0.5%	1.6	+1.6	0.18	5.3%	38.8%	-0.7	+1.5	0.01	35.4%	23.2%
2007.1-2015.2	0	+0.9	0.59	93.1%	0.0%	1.4	+1.9	0.18	13.1%	20.1%	-1.4	+1.8	0.07	12.3%	29.6%
2008.1-2015.2	-0.3	+0.9	0.6	46.9%	0.0%	1.6	+2.2	0.11	12.9%	53.9%	-1.9	+2.2	0.16	8.1%	17.9%
2009.1-2015.2	-0.7	+1.2	0.66	23.4%	0.0%	3	+2.3	0.46	1.3%	37.2%	-3.6	+2.1	0.52	0.3%	10.1%
2010.1-2015.2	-0.7	+1.7	0.59	35.7%	0.4%	4	+3.2	0.48	1.7%	62.6%	-4.6	+2.8	0.55	0.6%	10.2%
2011.1-2015.2	-0.7	+2.7	0.46	53.0%	2.6%	6.8	+3.2	0.8	0.2%	92.9%	-7.1	+2.1	0.88	0.0%	1.5%
2012.1-2015.2	-0.1	+4.8	0.21	97.3%	16.1%	7.4	+6.5	0.66	3.1%	93.5%	-6.9	+3.1	0.85	0.4%	8.1%
2013.1-2015.2	4.2	+8	0.73	14.6%	46.1%	11.8	+16.1	0.76	7.9%	78.7%	-6.8	+10	0.61	10.7%	40.2%

All Perils

No Seasonality

Date	Loss Cost				Severity				Frequency			
	Trend	Conf. Int.	Adj. R2	T Pval Time	Trend	Conf. Int.	Adj. R2	T Pval Time	Trend	Conf. Int.	Adj. R2	T Pval Time
2006.1-2015.2	1.5	+1.2	0.22	2.2%	1.7	+1.4	0.23	1.9%	-0.3	+1.4	-0.05	71.0%
2007.1-2015.2	0.9	+1.4	0.04	20.2%	1.7	+1.7	0.17	5.0%	-0.8	+1.7	0	32.6%
2008.1-2015.2	0.7	+1.6	0	34.6%	1.8	+1.8	0.19	5.0%	-1.1	+2.1	0.02	28.5%
2009.1-2015.2	0.8	+2.1	-0.03	44.7%	3.2	+1.9	0.5	0.3%	-2.4	+2.3	0.24	4.4%
2010.1-2015.2	1.1	+2.8	-0.02	38.5%	4	+2.4	0.54	0.4%	-2.8	+3.1	0.21	7.8%
2011.1-2015.2	1.7	+3.8	0.01	32.9%	6.3	+2.5	0.8	0.0%	-4.4	+4	0.35	4.2%
2012.1-2015.2	3	+5.5	0.11	22.0%	6.6	+4.2	0.68	0.7%	-3.4	+6	0.1	22.9%
2013.1-2015.2	7.5	+8.3	0.54	6.0%	9.6	+7.5	0.72	2.1%	-1.9	+12.3	-0.2	69.2%

No Seasonality

Excluding 2015-1

Date	Loss Cost				Severity				Frequency			
	Trend	Conf. Int.	Adj. R2	T Pval Time	Trend	Conf. Int.	Adj. R2	T Pval Time	Trend	Conf. Int.	Adj. R2	T Pval Time
2006.1-2015.2	1.1	+1.3	0.13	7.2%	1.7	+1.6	0.19	3.4%	-0.5	+1.5	-0.03	47.3%
2007.1-2015.2	0.5	+1.4	-0.03	50.6%	1.6	+1.9	0.13	8.2%	-1.2	+1.7	0.06	16.9%
2008.1-2015.2	0.1	+1.5	-0.07	84.0%	1.8	+2.1	0.15	8.5%	-1.6	+2.2	0.09	14.1%
2009.1-2015.2	0	+2	-0.09	98.1%	3.3	+2.2	0.47	0.6%	-3.2	+2.2	0.43	0.9%
2010.1-2015.2	0.2	+2.6	-0.11	88.4%	4.2	+2.8	0.52	0.7%	-3.9	+3	0.43	1.7%
2011.1-2015.2	0.4	+3.6	-0.13	78.3%	6.9	+2.7	0.82	0.0%	-6	+3.1	0.71	0.3%
2012.1-2015.2	1.3	+4.8	-0.1	52.3%	7.4	+4.8	0.73	0.9%	-5.7	+3.6	0.71	1.0%
2013.1-2015.2	5.2	+4.8	0.75	3.8%	11.1	+8.1	0.84	1.9%	-5.4	+6.3	0.6	7.8%

Province of Nova Scotia
Private Passenger Vehicles
Industry Data as of December 31, 2015

Uninsured Motorist

No Seasonality

Date	Loss Cost				Severity				Frequency			
	Trend	Conf. Int.	Adj. R2	T Pval Time	Trend	Conf. Int.	Adj. R2	T Pval Time	Trend	Conf. Int.	Adj. R2	T Pval Time
2001.1-2015.2	-0.7	+3.7	-0.03	70.5%	1	+2.4	-0.01	42.1%	-1.6	+2.2	0.04	14.1%
2002.1-2015.2	1.2	+3.9	-0.02	54.5%	2	+2.6	0.05	12.9%	-0.8	+2.4	-0.02	49.6%
2003.1-2015.2	3	+4.4	0.04	16.7%	3.6	+2.7	0.21	1.2%	-0.6	+2.8	-0.03	66.8%
2004.1-2015.2	5.3	+4.7	0.17	2.5%	4.6	+3.1	0.28	0.5%	0.7	+3	-0.03	61.8%
2005.1-2015.2	7.7	+5.3	0.3	0.5%	5	+3.7	0.26	0.9%	2.6	+3.1	0.09	9.5%
2006.1-2015.2	9.9	+6.2	0.37	0.3%	6.1	+4.4	0.29	0.8%	3.6	+3.7	0.14	5.6%
2007.1-2015.2	12.7	+7.4	0.45	0.1%	6.9	+5.3	0.3	1.2%	5.4	+4.3	0.27	1.5%
2008.1-2015.2	15.4	+9.1	0.49	0.2%	6.5	+6.8	0.18	5.4%	8.4	+4.4	0.53	0.1%
2009.1-2015.2	16.3	+10.9	0.47	0.4%	4.8	+7.9	0.06	20.2%	11	+5.2	0.64	0.0%
2010.1-2015.2	17.5	+14.7	0.4	1.6%	5.5	+11.1	0.03	28.2%	11.4	+6.3	0.61	0.2%

No Seasonality

Excluding 2013-2

Date	Loss Cost				Severity				Frequency			
	Trend	Conf. Int.	Adj. R2	T Pval Time	Trend	Conf. Int.	Adj. R2	T Pval Time	Trend	Conf. Int.	Adj. R2	T Pval Time
2001.1-2015.2	-1.6	+3.5	-0.01	37.2%	0.4	+2.3	-0.03	74.2%	-1.9	+2.2	0.07	9.0%
2002.1-2015.2	0.2	+3.7	-0.04	90.0%	1.4	+2.5	0.01	27.0%	-1.1	+2.4	0	35.8%
2003.1-2015.2	1.9	+4.1	0	33.3%	2.9	+2.6	0.16	2.6%	-0.9	+2.9	-0.02	50.9%
2004.1-2015.2	4.2	+4.4	0.13	5.4%	3.8	+2.9	0.24	1.0%	0.4	+3.1	-0.04	80.1%
2005.1-2015.2	6.5	+4.9	0.27	0.9%	4.2	+3.4	0.22	1.8%	2.2	+3.2	0.06	15.6%
2006.1-2015.2	8.5	+5.7	0.35	0.4%	5.2	+4.1	0.26	1.5%	3.2	+3.8	0.11	9.4%
2007.1-2015.2	11.2	+6.7	0.45	0.2%	5.9	+4.9	0.27	1.9%	5	+4.4	0.24	2.7%
2008.1-2015.2	13.7	+8	0.51	0.2%	5.3	+6.3	0.15	8.4%	7.9	+4.5	0.51	0.2%
2009.1-2015.2	14.5	+9.3	0.51	0.4%	3.6	+7	0.03	27.5%	10.6	+5.2	0.63	0.1%
2010.1-2015.2	15.8	+11.9	0.48	1.1%	4.4	+9.8	0.01	33.2%	10.9	+6.3	0.62	0.3%

Uninsured Motorist

No Seasonality

Date	Loss Cost				Severity				Frequency			
	Trend	Conf. Int.	Adj. R2	T Pval Time	Trend	Conf. Int.	Adj. R2	T Pval Time	Trend	Conf. Int.	Adj. R2	T Pval Time
2001.1-2014.2	-2.8	+-3.7	0.05	14.0%	0.3	+-2.6	-0.04	82.8%	-3.1	+-2.1	0.22	0.6%
2002.1-2014.2	-1	+-4	-0.03	61.2%	1.4	+-2.9	0	34.3%	-2.3	+-2.3	0.12	5.0%
2003.1-2014.2	0.7	+-4.5	-0.04	76.3%	3.1	+-3.1	0.13	4.7%	-2.4	+-2.7	0.09	9.0%
2004.1-2014.2	3	+-5.1	0.03	22.6%	4.2	+-3.5	0.2	2.0%	-1.2	+-3	-0.02	42.5%
2005.1-2014.2	5.3	+-5.9	0.13	6.6%	4.6	+-4.3	0.18	3.4%	0.7	+-3.1	-0.04	66.3%
2006.1-2014.2	7.3	+-7.2	0.19	4.0%	5.9	+-5.4	0.22	2.9%	1.4	+-3.9	-0.03	46.0%
2007.1-2014.2	10.2	+-8.9	0.27	2.2%	6.9	+-6.6	0.22	3.6%	3.1	+-4.7	0.07	17.1%
2008.1-2014.2	12.8	+-11.6	0.3	2.5%	6.3	+-8.8	0.11	13.6%	6.1	+-4.8	0.36	1.4%
2009.1-2014.2	13.2	+-14.6	0.25	5.8%	3.8	+-10.4	-0.03	42.4%	9	+-6	0.5	0.6%

No Seasonality
Excluding 2013-2

Date	Loss Cost				Severity				Frequency			
	Trend	Conf. Int.	Adj. R2	T Pval Time	Trend	Conf. Int.	Adj. R2	T Pval Time	Trend	Conf. Int.	Adj. R2	T Pval Time
2001.1-2014.2	-4.2	+-3.3	0.18	1.6%	-0.6	+-2.4	-0.03	61.9%	-3.6	+-2	0.31	0.1%
2002.1-2014.2	-2.6	+-3.5	0.05	14.6%	0.4	+-2.7	-0.04	76.3%	-3	+-2.3	0.2	1.4%
2003.1-2014.2	-1.1	+-3.9	-0.03	57.4%	2.1	+-2.8	0.06	14.4%	-3.1	+-2.7	0.17	2.8%
2004.1-2014.2	1	+-4.3	-0.04	61.8%	3	+-3.2	0.13	6.2%	-1.9	+-2.9	0.04	18.1%
2005.1-2014.2	3.1	+-4.9	0.04	19.8%	3.3	+-4	0.1	9.9%	-0.2	+-3	-0.06	90.7%
2006.1-2014.2	4.7	+-6.1	0.11	10.9%	4.3	+-5	0.14	8.0%	0.4	+-3.8	-0.06	82.1%
2007.1-2014.2	7.1	+-7.5	0.2	5.4%	5	+-6.1	0.14	9.4%	2	+-4.6	-0.01	36.0%
2008.1-2014.2	9	+-9.5	0.24	5.2%	3.9	+-8.1	0.01	30.4%	4.9	+-4.6	0.29	3.5%
2009.1-2014.2	8.5	+-11	0.19	10.2%	0.8	+-8.7	-0.11	83.2%	7.6	+-5.8	0.46	1.3%

With Seasonality

Date	Loss Cost					Severity					Frequency				
	Trend	Conf. Int.	Adj. R2	T Pval Time	T Pval Seasonality	Trend	Conf. Int.	Adj. R2	T Pval Time	T Pval Seasonality	Trend	Conf. Int.	Adj. R2	T Pval Time	T Pval Seasonality
2001.1-2014.2	-3	+-3.6	0.1	11.0%	13.1%	0.2	+-2.7	-0.04	87.2%	37.3%	-3.2	+-2	0.27	0.4%	11.7%
2002.1-2014.2	-1.2	+-3.9	0.01	54.2%	16.7%	1.3	+-3	-0.01	37.6%	40.0%	-2.4	+-2.3	0.15	3.9%	18.5%
2003.1-2014.2	0.5	+-4.5	-0.01	83.3%	20.0%	3	+-3.1	0.11	5.6%	44.5%	-2.5	+-2.7	0.11	7.3%	21.7%
2004.1-2014.2	2.7	+-5	0.06	25.9%	20.3%	4.1	+-3.5	0.21	2.4%	29.9%	-1.3	+-3	-0.02	38.9%	36.8%
2005.1-2014.2	4.9	+-5.6	0.2	7.5%	12.3%	4.4	+-4.3	0.19	4.2%	28.9%	0.5	+-3.1	0	74.2%	19.3%
2006.1-2014.2	6.8	+-6.8	0.28	4.4%	10.0%	5.6	+-5.4	0.23	3.7%	30.0%	1.1	+-3.7	0.06	53.4%	14.4%
2007.1-2014.2	9.5	+-8.6	0.34	2.6%	13.6%	6.7	+-6.8	0.19	4.8%	50.2%	2.7	+-4.3	0.21	19.9%	8.0%
2008.1-2014.2	12	+-11.4	0.33	3.3%	24.4%	5.9	+-9.1	0.06	17.0%	52.1%	5.7	+-4.6	0.42	1.7%	14.6%
2009.1-2014.2	11.3	+-12	0.5	5.2%	3.7%	2.8	+-9.7	0.13	52.9%	12.8%	8.3	+-5.2	0.64	0.5%	5.7%

Uninsured Motorist

With Seasonality
Excluding 2013-2

Date	Loss Cost					Severity					Frequency				
	Trend	Conf. Int.	Adj. R2	T Pval Time	T Pval Seasonality	Trend	Conf. Int.	Adj. R2	T Pval Time	T Pval Seasonality	Trend	Conf. Int.	Adj. R2	T Pval Time	T Pval Seasonality
2001.1-2014.2	-4.2	+3.2	0.2	1.5%	23.6%	-0.6	+2.5	-0.06	62.1%	60.6%	-3.6	+2	0.33	0.1%	19.4%
2002.1-2014.2	-2.6	+3.5	0.05	14.3%	30.1%	0.4	+2.8	-0.08	77.1%	64.4%	-3	+2.3	0.21	1.4%	29.7%
2003.1-2014.2	-1.1	+3.9	-0.04	56.7%	36.0%	2.1	+2.9	0.02	15.4%	71.9%	-3.1	+2.7	0.17	2.8%	34.4%
2004.1-2014.2	1	+4.3	-0.05	63.0%	36.6%	3	+3.3	0.1	6.7%	50.3%	-2	+3	0.01	18.6%	55.9%
2005.1-2014.2	3	+4.9	0.08	19.9%	22.0%	3.2	+4.1	0.08	10.8%	48.3%	-0.2	+3.1	-0.05	89.1%	31.5%
2006.1-2014.2	4.6	+5.9	0.16	10.7%	17.6%	4.3	+5.1	0.11	8.9%	49.5%	0.4	+3.7	-0.03	84.1%	24.0%
2007.1-2014.2	7	+7.4	0.23	5.5%	24.0%	5	+6.4	0.07	10.9%	78.6%	1.9	+4.4	0.1	36.0%	13.9%
2008.1-2014.2	8.9	+9.8	0.21	6.1%	43.3%	3.9	+8.6	-0.08	33.2%	81.3%	4.8	+4.6	0.32	3.7%	25.1%
2009.1-2014.2	8	+9	0.47	6.8%	4.3%	0.6	+8.5	-0.02	88.4%	22.2%	7.4	+5.2	0.57	1.0%	10.5%