



# **FACILITY ASSOCIATION RESIDUAL MARKET**

## **MAY 2018 PARTICIPATION REPORT**

### **ACTUARIAL HIGHLIGHTS**

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**ACTUARIAL HIGHLIGHTS****RESIDUAL MARKET****PARTICIPATION REPORT****MAY 2018**

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## 1 Summary

### 1.1 Valuation Schedule (Fiscal Year 2018)

The May 2018 Participation Report incorporates the results of an updated valuation (as at March 31, 2018) – the impact of the implementation of the valuation is discussed in section 1.2. The table immediately below summarizes the implemented valuations for fiscal year 2018.

<b>FARM</b> <b>FISCAL YEAR 2018 – SCHEDULE OF VALUATIONS</b>			
<b>Valuation Date</b>	<b>Discount Rate (per annum)</b>	<b>Participation Report</b>	<b>Description of Changes</b>
Sep. 30, 2017 (completed)	1.81% mfad: 25 bp	Oct. 2017	updated valuation (roll forward): all jurisdictions; allowed claims expense ultimates updated; cash flow projections updated; discount rate updated; no changes to selected margins for adverse deviations (interest rate or claims development).
Dec. 31, 2017 (completed)	1.79% mfad: 25 bp	Mar. 2018	updated valuation: all jurisdictions; cash flow projections updated; discount rate updated; no changes to selected margins for adverse deviations (interest rate or claims development).
Mar. 31, 2018 (completed)	1.95% mfad: 25 bp	May 2018	update valuation (roll forward): all jurisdictions; allowed claims expense ultimates updated; cash flow projections updated; discount rate updated; no changes to selected margins for adverse deviations (interest rate or claims development).
Jun. 30, 2018		Aug. 2018	update valuation: includes updating claims expense (“excess legal”) assumptions
Sep. 30, 2018		Oct. 2018	update valuation (roll forward):

Under the proposed schedule for fiscal year 2018, the “off-half” valuation quarters ending March 31, 2018 and September 30, 2018 would not reflect a full valuation update of assumptions, but would rather “roll-forward” key assumptions from the previous valuation. As well, all valuations are proposed to include all jurisdictions and business segments (private passenger and non-private passenger).

### 1.2 New Valuation

A valuation of the Facility Association Residual Market (“FARM”) as at March 31, 2018 has been completed for Private Passenger and non-Private Passenger business segments and all jurisdictions since last month’s Participation Report. The valuation was completed by the Facility Association’s internal actuarial group in conjunction with, and approved by, the Appointed Actuary, under the hybrid model for actuarial services. Additional detail will be provided in an “Actuarial Highlights – Quarterly Valuation” report as at March 31, 2018, which we anticipate will be posted to the FA

website in August.

The valuation implementation impact on the month's results is summarized in the two tables that follow.

*Summary of Impact (\$000s) of Implementing Result of Valuation as at March 31, 2018<sup>1</sup>*

Grand Total	unfav / (fav)					
	IMPACT in \$000s from changes in:					
	ultimates & payout patterns		dsct rate		margins	
	nominal [1]	apv adj. [2]	sub-tot [3]	apv adj. [4]	apv adj. [5]	TOTAL [6]
PAYs	(1,455)	(897)	(2,352)	(1,424)	-	(3,776)
CAY	313	8	321	(171)	-	150
Prem Def	193	(112)	81	(52)	-	29
<b>TOTAL</b>	<b>(949)</b>	<b>(1,001)</b>	<b>(1,950)</b>	<b>(1,647)</b>	<b>-</b>	<b>(3,597)</b>

As indicated in the table above, the incorporation of the new valuation had an estimated **\$3.6 million favourable impact** on the month's net result from operations, subtracting an estimated 4.6 points (see table below) from the **year-to-date Combined Operating Ratio** to end at **76.3%**.

*Summary of Impact (% YTD EP) of Implementing Result of Valuation as at March 31, 2018*

Grand Total	ytd EP 77,433 (actual)					
	IMPACT unfav / (fav) as % ytd EP from changes in:					
	ultimates & payout patterns			dsct rate	margins	
	nominal	apv adj.	sub-tot	apv adj.	apv adj.	TOTAL
	[1]	[2]	[3]	[4]	[5]	[6]
PAYS	(1.9%)	(1.2%)	(3.0%)	(1.8%)	-	(4.9%)
CAY	0.4%	-	0.4%	(0.2%)	-	0.2%
Prem Def	0.2%	(0.1%)	0.1%	(0.1%)	-	-
TOTAL	(1.2%)	(1.3%)	(2.5%)	(2.1%)	-	(4.6%)

The valuation results and associated implementation impacts are discussed in more detail in the next two sections.

### 1.2.a Valuation Results

The key results of the valuation by jurisdiction and business segment are summarized in the table at the top of the next page (**for indemnity only**), indicating an overall **favourable prior accident year** change of **\$0.9 million** (0.3% of the associated unpaid claims liabilities selected at December 31, 2017), and changes in the selected accident year **2018 nominal indemnity ratios**

<sup>1</sup>In these tables, "PAYs" refers to prior accident years, "CAY" refers to the current accident year, and "Prem Def" refers to the provision for premium deficiency or the deferred policy acquisition asset (as applicable). "Nominal" refers to changes excluding any actuarial present value adjustments, whereas "apv adj." refers to actuarial present value adjustments.

The columns under the heading "ults & payout patterns" reflect the impact of changes in the valuation selected ultimates and claims payment patterns (i.e. based on unchanged selection of discount rates and margins for adverse deviation). The column "dsct rate" reflects the impact of the change in the selected discount rate and the column "margins" reflects the impact of any changes in selected margins for adverse deviations.

projected to have an **unfavourable change** of **\$0.7 million at December 31, 2018** (i.e. this latter estimate is in relation to estimated full year earned premium and represents a 0.4 point deterioration in the overall 2018 accident year nominal indemnity loss ratio as projected at year-end).

### *March 31, 2018 Valuation Summary (Indemnity Only, Nominal Basis)*

Valuation Summary (Nominal Basis)							unfavourable / (favourable)		
Jurisdiction	2017 & Prior Beginning Indemnity Unpaid (000s)	2017 & Prior Accident Year Indemnity Change (000s)	% of Beginning Unpaid	2018 Indemnity Loss Ratio	Change from Prior Valuation	Change against 2018 Earned Prem (000s)	2019 Indemnity Loss Ratio	Change from Prior Valuation	Change against 2019 Proj Earned Prem (000s)
	[1]	[2]	[3]	[4]	[5]	[6]	[7]	[8]	[9]
<b>Ontario</b>	<b>92,958</b>	<b>(1,384)</b>	<b>(1.5%)</b>	<b>49.7%</b>	<b>(0.4%)</b>	<b>(222)</b>	<b>51.6%</b>	<b>0.0%</b>	<b>16</b>
PPV	39,258	(1,056)	(2.7%)	52.0%	0.4%	60	54.6%	0.1%	16
Non-PPV	53,700	(328)	(0.6%)	48.8%	(0.7%)	(283)	50.5%	0.0%	-
<b>Alberta</b>	<b>71,550</b>	<b>(228)</b>	<b>(0.3%)</b>	<b>53.9%</b>	<b>(0.4%)</b>	<b>(235)</b>	<b>53.2%</b>	<b>(2.2%)</b>	<b>(1,286)</b>
PPV	14,662	(4)	(0.0%)	56.4%	2.9%	216	54.0%	(0.1%)	(8)
Non-PPV	56,888	(224)	(0.4%)	53.6%	(0.9%)	(451)	53.0%	(2.5%)	(1,279)
<b>Newfoundland &amp; Labrador</b>	<b>49,126</b>	<b>(593)</b>	<b>(1.2%)</b>	<b>71.2%</b>	<b>(1.0%)</b>	<b>(303)</b>	<b>70.4%</b>	<b>(2.0%)</b>	<b>(615)</b>
PPV	34,380	(459)	(1.3%)	71.3%	0.3%	65	72.0%	0.0%	-
Non-PPV	14,746	(134)	(0.9%)	71.0%	(4.5%)	(369)	66.0%	(7.0%)	(615)
<b>New Brunswick</b>	<b>35,865</b>	<b>371</b>	<b>1.0%</b>	<b>58.5%</b>	<b>1.8%</b>	<b>396</b>	<b>56.0%</b>	<b>0.9%</b>	<b>212</b>
PPV	21,803	594	2.7%	61.7%	1.7%	224	57.5%	0.0%	-
Non-PPV	14,062	(223)	(1.6%)	53.5%	2.0%	172	53.5%	2.4%	212
<b>Nova Scotia</b>	<b>22,989</b>	<b>811</b>	<b>3.5%</b>	<b>63.0%</b>	<b>0.0%</b>	<b>(1)</b>	<b>65.3%</b>	<b>0.0%</b>	<b>9</b>
PPV	9,783	(11)	(0.1%)	69.7%	(0.4%)	(33)	72.6%	0.1%	9
Non-PPV	13,206	822	6.2%	57.8%	0.3%	32	59.5%	0.0%	-
<b>Prince Edward Island</b>	<b>6,677</b>	<b>403</b>	<b>6.0%</b>	<b>70.5%</b>	<b>22.5%</b>	<b>1,019</b>	<b>47.7%</b>	<b>(0.4%)</b>	<b>(19)</b>
PPV	3,787	64	1.7%	44.4%	(0.1%)	(3)	44.5%	0.0%	-
Non-PPV	2,890	339	11.7%	108.0%	55.0%	1,021	52.5%	(1.0%)	(19)
<b>Yukon Territory</b>	<b>2,952</b>	<b>(2)</b>	<b>(0.1%)</b>	<b>52.4%</b>	<b>(1.2%)</b>	<b>(22)</b>	<b>53.6%</b>	<b>(2.8%)</b>	<b>(51)</b>
PPV	1,582	53	3.4%	59.9%	0.9%	4	62.5%	(0.2%)	(1)
Non-PPV	1,370	(55)	(4.0%)	50.2%	(1.8%)	(26)	51.0%	(3.5%)	(50)
<b>Northwest Territories</b>	<b>5,950</b>	<b>(214)</b>	<b>(3.6%)</b>	<b>47.2%</b>	<b>2.5%</b>	<b>110</b>	<b>45.7%</b>	<b>(0.4%)</b>	<b>(20)</b>
PPV	3,053	(30)	(1.0%)	48.9%	3.4%	106	47.0%	0.0%	-
Non-PPV	2,897	(184)	(6.4%)	43.3%	0.3%	4	42.5%	(1.5%)	(20)
<b>Nunavut</b>	<b>1,014</b>	<b>(16)</b>	<b>(1.6%)</b>	<b>36.8%</b>	<b>(1.5%)</b>	<b>(17)</b>	<b>37.9%</b>	<b>(2.0%)</b>	<b>(22)</b>
PPV	401	4	1.0%	27.3%	1.3%	3	27.5%	(0.1%)	(0)
Non-PPV	613	(20)	(3.3%)	39.6%	(2.4%)	(20)	41.0%	(2.5%)	(22)
<b>Total</b>	<b>289,081</b>	<b>(852)</b>	<b>(0.3%)</b>	<b>56.9%</b>	<b>0.4%</b>	<b>724</b>	<b>56.5%</b>	<b>(0.9%)</b>	<b>(1,776)</b>

In the above table, the columns [1] through [3] highlight the changes in prior accident years' results. Changes to the 2018 accident year indemnity loss ratios are summarized in columns [4] through [6]. Finally, columns [7] through [9] summarize the changes in the 2019 indemnity loss ratios.

The valuation process continues to rely on three main actuarial methodologies – the expected loss ratio method, the loss development method<sup>2</sup>, and the Bornhuetter-Ferguson method<sup>3</sup>. The valuation triangles are split by business segment (i.e. private passenger<sup>4</sup> and non-private passenger), following Member Sharing as per the Plan of Operation. The valuation triangles are directly reconcilable to accident year / calendar year results for the FARM.

<sup>2</sup>Also referred to as the chain ladder method or link ratio method.

<sup>3</sup>Three additional methodologies (Mack, Murphy, and ICRFS Cape Cod) are included as part of the valuation process but are currently only considered for references purposes only.

<sup>4</sup>As per the Plan of Operation, the residual market business (i.e. not part of a Risk Sharing Pool or Uninsured Automobile Fund) is segmented into “private passenger non-fleet” and “all other”. For convenience, the former is referred to as “private passenger”.

In general, the valuation data triangles are used directly in striking development factor selections by coverage for each jurisdiction and each business segment. However, where the data is not deemed credible or is deemed too volatile or for other considerations, development factors may be struck using data from another jurisdiction (for example, using Alberta factors for the northern territories), or from industry data (via the loss development triangle data available from the General Insurance Statistical Agency (“GISA”) through the Insurance Bureau of Canada (“IBC”)).

Final selection of IBNR was made at the coverage/accident-half year level, after consideration of the results of the three methods identified above. This is consistent with the process followed for the prior FARM valuation.

## 1.2.b Valuation Implementation

The implementation impact associated with this latest valuation is summarized in Table A below (**total impact is favourable by \$3.6 million**, or 0.8% of the \$424.9 million total member statement policy liabilities as posted in the previous month’s Participation Reports). The valuation focused separately on nominal results for indemnity (see column [1]) and the allowed claims adjustment expenses for excess legal and for specific professional fees ratios (see column [3]). As the retroactive adjustments for Servicing Carrier claims fees are derived directly from accident year indemnity ratios to earned premium, these adjustments were updated to reflect the valuation results as well (see column [2]). Changes in nominal values will generate changes in actuarial present value adjustments, even if the discount rate and/or margins for adverse deviation are not changed. This valuation also saw **changes to the selected discount rate (but no change to the selected investment rate margin)**, but **no changes to the claims development margins** at the jurisdiction / business segment / coverage / accident half-year level. The total changes in actuarial present value adjustments with the valuation implementation are shown in column [5].

**Implementation Summary Table A (\$000s)**

**Implementation Impact - relative to projection for month of May 2018** (negative values are favourable)

\$000s	indemnity [1]	retroactive claims fee [2]	allowed claims expenses [3]	nominal total [4]	actuarial present value [5]	Grand Total [6]
prior accident years (1994-2017)	(1,616)	161	-	(1,455)	(2,321)	(3,776)
current accident year claims incurred	293	20	-	313	(163)	150
premium deficiency / (DPAC)	193			193	(164)	29
<b>TOTAL</b>	<b>(1,130)</b>	<b>181</b>	<b>-</b>	<b>(949)</b>	<b>(2,648)</b>	<b>(3,597)</b>

The “nominal” impacts (total in column [4] of the table above) reflect changes in the selected ultimate loss ratio (i.e. for each accident year, it is the product of life-to-date earned premium for the accident year and the change in the selected ultimate loss ratio for indemnity and for the allowed claims expenses for the claims liabilities; ultimate loss ratios are also taken into account in determining the premium liabilities). Changes in selected nominal ultimate indemnity for the most recent five prior accident years will generate changes to the retroactive claims fees adjustments to Servicing Carriers (see column [2] of the table above). While the selected ultimate ratio levels for allowed claims expenses (“excess legal”) are reviewed annually with the June 30 valuation and were therefore not updated with this valuation.

In addition to the changes in the actuarial present value adjustments directly related to the changes in selected nominal values, indemnity payment emergence patterns were updated and cash flows were reviewed against the selected risk-free yield curve. The selected risk-free yield curve was derived from Government of Canada benchmark bond yields monthly series using values for March 2018 (the selected yield curve is anchored with the valuation date).

“Implementation Summary Table B” below summarizes, by jurisdiction, the information shown in Table A (previous page). In relating the two tables, the total for Table A column [4] matches the total for Table B column [17], the total for Table A column [5] matches the sum of the total for Table B columns [18] and [19] and [20], and the total for Table A column [6] matches the total for Table B column [21].

**Implementation Summary Table B<sup>5</sup> (\$'000s)** (negative values are favourable)  
**Estimated Implementation Impact (amounts in \$'000s) => Month of May 2018**

Jurisdiction / Business Segment	Total				TOTAL [21]
	updated LR, retros, exp [17]	APVs @ 2017 Q4 dsct rate [18]	updated dsct rate [19]	updated margins [20]	
<b>Ontario</b>	(2,161)	(1,063)	(675)	-	(3,899)
PPV	(1,874)	(855)	(355)	-	(3,084)
Non-PPV	(287)	(208)	(320)	-	(815)
<b>Alberta</b>	(313)	(40)	(368)	-	(721)
PPV	41	1	(65)	-	(23)
Non-PPV	(354)	(41)	(303)	-	(698)
<b>Newfoundland &amp; Labrador</b>	(803)	(187)	(260)	-	(1,250)
PPV	(499)	10	(206)	-	(695)
Non-PPV	(304)	(197)	(54)	-	(555)
<b>New Brunswick</b>	545	84	(133)	-	496
PPV	688	89	(80)	-	697
Non-PPV	(143)	(5)	(53)	-	(201)
<b>Nova Scotia</b>	926	76	(133)	-	869
PPV	52	21	(56)	-	17
Non-PPV	874	55	(77)	-	852
<b>Prince Edward Island</b>	1,086	154	(37)	-	1,203
PPV	104	14	(19)	-	99
Non-PPV	982	140	(18)	-	1,104
<b>Yukon Territory</b>	(15)	(2)	(13)	-	(30)
PPV	53	5	(7)	-	51
Non-PPV	(68)	(7)	(6)	-	(81)
<b>Northwest Territories</b>	(191)	(23)	(23)	-	(237)
PPV	(1)	(7)	(10)	-	(18)
Non-PPV	(190)	(16)	(13)	-	(219)
<b>Nunavut</b>	(23)	-	(5)	-	(28)
PPV	6	2	(2)	-	6
Non-PPV	(29)	(2)	(3)	-	(34)
<b>Total</b>	(949)	(1,001)	(1,647)	-	(3,597)

<sup>5</sup>Column [17] reflects the impact of changes in the valuation selected ultimates and column [18] reflects the impact of changes in claims payment patterns (i.e. updated valuation selected ultimates with APVs based on unchanged selection of discount rates and margins for adverse deviation). Column [19] reflects the impact of the change in the selected discount rate and column [20] reflects the impact of any changes in selected margins for adverse deviations.

The impact of the valuation on a **nominal basis** (that is, prior to actuarial present value adjustments), is presented in Table A column [4] and Table B column [17], indicating a **total favourable** impact of **\$0.9 million**.

With respect to the **actuarial present value adjustments prior to updating the discount rate and margins**, projected indemnity payment cash flows were updated for all jurisdictions and business segments, using claim payment activity as at March 31, 2018 and ultimate selections from the latest applicable valuations – these changes contributed an estimated **favourable impact** of **\$1.0 million** (see Table B, column [18]).

Based on updated risk-free yield rates and the updated projected cash flows, the **selected discount rate** was **increased by 16 basis points** from 1.79% to **1.95%**, resulting in an estimated **favourable impact** of **\$1.6 million** (see Table B, column [19]). The \$1.4 million claims liability indemnity only impact (not shown in the previous tables) associated with the discount rate change is in line with the \$1.3 million change one would estimate through interpolation using last month's sensitivity table (see section 6, Exhibit "F" for examples of sensitivity to discount rate selection).

Finally, the **selected margin for investment return** was **left unchanged** at 25 basis points, and the **margins selected for claims development** at the coverage / accident half-year level were also **left unchanged** with this valuation, hence generating **no impact** (see Table B, column [20]).

"Implementation Summary Table C" (immediately below) summarizes the valuation impact relative to year-to-date earned premium.

Implementation Summary Table C (\$000s)							(negative values are favourable)						
Grand Total	unfav / (fav)						ytd EP	77,433	(actual)				
	IMPACT in \$000s from changes in:						IMPACT unfav / (fav) as % ytd EP from changes in:						
	ultimates & payout patterns			dsct rate	margins		ultimates & payout patterns			dsct rate	margins		
	nominal	apv adj.	sub-tot	apv adj.	apv adj.	TOTAL	nominal	apv adj.	sub-tot	apv adj.	apv adj.	TOTAL	
	[1]	[2]	[3]	[4]	[5]	[6]	[1]	[2]	[3]	[4]	[5]	[6]	
PAYs	(1,455)	(897)	(2,352)	(1,424)	-	(3,776)	(1.9%)	(1.2%)	(3.0%)	(1.8%)	-	(4.9%)	
CAY	313	8	321	(171)	-	150	0.4%	-	0.4%	(0.2%)	-	0.2%	
Prem Def	193	(112)	81	(52)	-	29	0.2%	(0.1%)	0.1%	(0.1%)	-	-	
TOTAL	(949)	(1,001)	(1,950)	(1,647)	-	(3,597)	(1.2%)	(1.3%)	(2.5%)	(2.1%)	-	(4.6%)	

Finally, an updated projection to year-end with the new valuation assumptions is presented in "Implementation Summary Table D" (at the top of the next page), allowing comparison to the full year projection included with the 2018 Final Outlook that was posted on November 10, 2017.



**Implementation Summary Table D (\$000s)**

(negative operating results are unfavourable)

\$000s	Outlook Posted November 10, 2017			Updated Year-end Projection			Operating Result Change due to Valuation	
	Earned Premium	Operating Result	COR	Earned Premium	Operating Result	COR	Month of May	Year-end 2018
Ontario	44,378	4,583	89.8%	62,228	17,266	72.4%	3,899	3,900
Alberta	55,194	6,965	87.5%	59,147	11,385	80.9%	721	812
Newfoundland & Labrador	30,025	(3,626)	112.2%	29,158	2,608	91.3%	1,250	1,425
New Brunswick	21,336	1,212	94.5%	21,542	(1,526)	107.4%	(496)	(735)
Nova Scotia	18,432	(722)	104.0%	19,430	(586)	103.1%	(869)	(872)
Prince Edward Island	4,470	582	87.0%	4,409	(1,342)	130.6%	(1,203)	(1,640)
Yukon	1,884	187	90.3%	1,852	376	80.0%	30	47
Northwest Territories	4,453	910	79.6%	4,376	751	83.0%	237	154
Nunavut	1,175	324	72.6%	1,009	488	51.7%	28	38
<b>TOTAL</b>	<b>181,347</b>	<b>10,414</b>	<b>94.4%</b>	<b>203,152</b>	<b>29,419</b>	<b>85.7%</b>	<b>3,597</b>	<b>3,129</b>

In total, the operating result projection to year-end has increased by \$19.0 million from the Outlook posted November 10, 2017 (to \$29.4 million as shown in the table above). This amount is \$3.1 million higher than it would have been, if not for the implementation of the March 31, 2018 valuation. (The changes before the impact of the March 31, 2018 valuation are attributable to mix of business and other projection assumptions outside of the valuation process, as well as the previous valuations (2017 Q3 and 2017 Q4) implemented since the 2017 Q2 valuation was used as the basis for the 2018 Final Outlook.)

One important change relative to the 2018 Final Outlook has been the increase in the discount rate (the interest rate margin for adverse deviation remained consistent at 25 basis points). Had the 2018 Final Outlook discount rate of 1.27% still been applicable, the operating result would have been *lower* by \$5.8 million (using the current interest rate sensitivity table). That is, the projected Operating Result would have been approximately \$23.6 million (COR of 88.4%) had the discount rate remained at the 2018 final Outlook level.

### 1.3 Appointed Actuary and Hybrid Actuarial Services Model

Liam McFarlane of Ernst & Young LLP is Facility Association's Appointed Actuary (effective as of June 1, 2013).

Facility Association operates under a "hybrid" model in relation to the management and provision of actuarial services. Under this model, actuarial services are performed by both Facility Association's internal staff and its external actuarial consulting firm. The hybrid model approach maximizes the efficiency of resource allocation while providing access to additional expertise and capacity as needed.

### 1.4 Consideration of Recent Legal Decisions and Changes in Legislation / Regulation<sup>6</sup>

There have been no changes in these descriptions since last month's Highlights, other than updated most recent valuation date and Actuarial Highlights – Quarterly Valuation report references.

Consideration and assessment of potential impacts of legal decisions and changes in legislation /

<sup>6</sup>How bills become laws in Ontario is described in detail in the publication: <http://www.ontla.on.ca/lao/en/media/laointernet/pdf/bills-and-lawmaking-background-documents/how-bills-become-law-en.pdf>.

regulation constitutes a regular part of the valuation process. Descriptions of some of the more recent changes are provided below. Please note that with the most recent valuation (March 31, 2018), the impact of recent Ontario Court of Appeal decisions in relation to the application of changes to the prejudgment interest rate on general damages for non-pecuniary loss (further discussed in section 1.6) was reviewed and a nominal valuation adjustment was included impacting accident years 2014 and prior, further discussion will be provided in the “Actuarial Highlights – Quarterly Valuation” report as at March 31, 2018, which is to be posted to the FA website in August.

**Ontario Bill 15** (Fighting Fraud and Reducing Automobile Insurance Rates Act, 2014) was introduced into the Legislature by the Minister of Finance on July 15, 2014 and **received Royal Assent on November 20, 2014**. Bill 15 includes various amendments and provisions such as moving the Ontario Automobile Dispute Resolution System (DRS) for statutory accident benefits from the Financial Services Commission of Ontario to the Ministry of the Attorney General (Licence Appeal Tribunal), regulation of the Tow and Storage Industry (amendments to the Consumer Protection Act and Repair and Storage Liens Act), regulations related to licensing of insurance agents and adjusters, changes to the applicable interest rate applied to overdue payments in the Statutory Accident Benefits Schedule (SABS), and changes to the prejudgment interest rate on general damages for non-pecuniary loss from the rate as set out in the Courts of Justice Act to rates linked to market conditions. With the most recent valuation (March 31, 2018), reform adjustments (originally introduced with the June 30, 2015 valuation) specifically related to changes in the non-pecuniary prejudgment interest provision calculation impacting the bodily injury coverage and the applicable interest rate applied to overdue payments in the SABS impacting the accident benefits coverage, were included with the updated industry trend analysis (completed using industry data as at June 30, 2017) and nominal valuation selections, impacting the selection of ultimates. Additional discussion in relation to the application of changes to the prejudgment interest rate on general damages for non-pecuniary loss can be found in section 1.6.

**Ontario Bill 91** (Building Ontario Up Act (Budget Measures), 2015) was introduced into the Legislature by the Minister of Finance on April 23, 2015, and **received Royal Assent on June 4, 2015**. Bill 91 announced a number of amendments to regulations made under the Insurance Act, including updating the Catastrophic Impairment Definition and changes to the standard benefit level under the Statutory Accident Benefits Schedule (SABS); restrictions on insurance premium increases and lowering of the maximum interest rate charged on monthly auto insurance premium payments; and adjustments to the monetary threshold beyond which the tort deductible does not apply to reflect inflation (adjustments to reflect inflation in the associated tort deductible were undertaken via an update to regulation 461/96). On August 26, 2015, the Ontario government filed Ontario regulations 250/15 and 251/15 implementing reforms set out in Bill 91. With the most recent valuation (March 31, 2018), reform adjustments (originally introduced with the September 30, 2015 valuation) specifically related to changes in the tort threshold and deductibles impacting the bodily injury coverage and changes to the SABS impacting the bodily injury and accident benefits coverages, were included with the updated industry trend analysis (completed using industry data as at June 30, 2017) and nominal valuation estimates, impacting the selection of ultimates. Additional discussion in relation to the application of changes in the tort threshold and deductibles can be found in section 1.6.

In the **Alberta Treasury Board and Finance Notice 04-2018** (Clarification of Minor Injury

Regulation), dated **May 17, 2018**, the Alberta Superintendent of Insurance advised that clarifying amendments have been made to the definition of minor injuries under the Minor Injury Regulation (MIR). With the **most recent** valuation (March 31, 2018), no adjustments have been made to our valuation estimates or views based on these amendments, but we are reviewing the impact with FA's Appointed Actuary.

**Prince Edward Island Bill 46** (Minor Injury Definition, Pain and Suffering Damages Cap, Schedule B and DCPD) was introduced into the Legislative Assembly on April 25, 2014 and **received Royal Assent on May 14, 2014**. Bill 46 amends the Insurance Act, introducing enhanced mandatory benefits under Schedule B (these include medical, rehabilitation, funeral, death and loss of income benefits) and a new section 254.2 that applies to all injuries arising from motor vehicle accidents occurring on or after October 1, 2014. The new section 254.2 re-defines "minor personal injury", raises the maximum non-pecuniary damages recoverable by those suffering a "minor personal injury", and sets out a process for annually indexing the monetary cap for inflation. In addition, Bill 46 includes a new section 254.3 which implements Direct Compensation provisions for Property Damage and has been proclaimed into force effective October 1, 2015. With the **most recent** valuation (March 31, 2018), reform adjustments (originally introduced with the June 30, 2014 valuation) were explicitly taken into account with the updated industry trend analysis (completed using industry data as at June 30, 2017), impacting the selection of ultimates.

The **Supreme Court of Canada** rendered its judgment on **Saadati v Moorhead (2017 SCC 28, rendered on Jun 2, 2017)**. Saadati was involved in a collision in July of 2005 in British Columbia and sued the at-fault driver for damages. According to the Supreme Court decision, "*The trial judge found that the ... accident caused S[aadati] psychological injuries, including personality change and cognitive difficulties. ...and awarded S[aadati] \$100,000 for non-pecuniary damages.*" The trial decision was appealed to the BC Court of Appeal where the trial's \$100,000 non-pecuniary award was dismissed. The Supreme Court upheld the \$100,000 non-pecuniary award, determining:

- "*A finding of legally compensable mental injury need not rest, in whole or in part, on the claimant proving a recognized psychiatric injury.*"
- "*...a trier of fact adjudicating a claim of mental injury is not concerned with diagnosis, but with symptoms and their effects.*"
- "*Expert evidence can assist in determining whether or not a mental injury has been shown, but where psychiatric diagnosis is unavailable, it remains open to a trier of fact to find on other evidence adduced by the claimant that he or she has proven on a balance of probabilities the occurrence of mental injury.*"

At the current time, no adjustments have been made to our valuation estimates or views based on the judgment as rendered, but we continue to review and consider the implications of the judgment.

## **1.5 Harmonized Sales Tax - Atlantic Provinces**

There have been no changes in these descriptions since last month's Highlights, other than updated most recent valuation date references.

In the **New Brunswick** fiscal 2016-17 provincial budget released February 2, 2016, the New Brunswick Finance Minister announced a 2 percentage point increase in the provincial component of

the harmonized sales tax (“HST”) **effective July 1st, 2016** increasing the combined HST rate in the province from 13% to 15%. An adjustment for the HST rate increase was included in the updated loss cost trend structures selected using NB PPV and CV Industry data as at June 30, 2017, impacting the selected a priori loss ratios, however, no additional adjustments have been made to the valuation assumptions from the **most recent** valuation (March 31, 2018).

In the **Newfoundland and Labrador** fiscal 2016-17 provincial budget released April 4, 2016, the Newfoundland and Labrador Finance Minister announced a 2 percentage point increase in the provincial component of the HST **effective July 1st, 2016** increasing the combined HST rate in the province from 13% to 15%. An adjustment for the HST rate increase was included in the updated loss cost trend structures selected using NL PPV and CV Industry data as at June 30, 2017, impacting the selected a priori loss ratios, however, no additional adjustments have been made to the valuation assumptions from the **most recent** valuation (March 31, 2018).

In the **Prince Edward Island** fiscal 2016-17 provincial budget released April 19, 2016, the Prince Edward Island Finance Minister announced a 1 percentage point increase in the provincial component of the HST **effective October 1st, 2016** increasing the combined HST rate in the province from 14% to 15%. An adjustment for the HST rate increase was included in the updated loss cost trend structures selected using PE PPV and CV Industry data as at June 30, 2017, impacting the selected a priori loss ratios, however, no additional adjustments have been made to the valuation assumptions from the **most recent** valuation (March 31, 2018).

## **1.6 Ontario FARM Bodily Injury Case Reserve summary**

There have been no changes in these descriptions since last month’s Highlights, other than updated most recent valuation date and Actuarial Highlights – Quarterly Valuation report references.

With the **most recent** valuation (March 31, 2018), the impact of recent Ontario Court of Appeal decisions in relation to the application of changes to the prejudgment interest rate on general damages for non-pecuniary loss was reviewed and a nominal valuation adjustment was included impacting accident years 2014 and prior, further discussion will be provided in the “Actuarial Highlights – Quarterly Valuation” report as at March 31, 2018, which is to be posted to the FA website in August.

As indicated in section 1.4, reform adjustments, specifically related to changes in the non-pecuniary prejudgment interest provisions in **Ontario Bill 15** and the changes in the tort threshold and deductibles in **Ontario Bill 91** impacting the third party liability - bodily injury coverage for accident years 2015 and subsequent, were included with the updated Ontario Private Passenger Vehicle and Commercial Vehicle industry trend analyses (completed using industry data as at June 30, 2017).

In the **Ontario Court of Appeal decisions** in *El-Khodr v. Lackie* (**September 19, 2017**; 2017 ONCA 716) and *Cobb v. Long Estate* (**September 19, 2017**; 2017 ONCA 717), the court of appeal ruled that the change to prejudgment interest for non-pecuniary<sup>7</sup> losses from a set level of 5%

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<sup>7</sup>**Pecuniary** awards are defined on the Ontario Attorney General’s website as “Damages that can be measured in money (i.e., special damages)” with special damages further defined as “Damages intended to compensate a plaintiff for a quantifiable monetary loss. Examples of such losses include: lost earnings, medical bills, and repair costs.” In contrast, **non-pecuniary** awards defined as “Damages that cannot be measured in money, but nevertheless are compensated for with money (i.e., general damages)” with general

to the level that applies to pecuniary losses was implemented to achieve particular policy objectives and therefore should have retrospective application (i.e. to be applied to all settlements on or after January 1, 2015). The Ontario Court of Appeal ruling in **El-Khodr v. Lackie** was appealed to the **Supreme Court of Canada**; on June 7, 2018, the Supreme Court of Canada dismissed the application for leave to appeal from the judgment of the Court of Appeal for Ontario.

During the **most recent valuation** (March 31, 2018), **the reform adjustment in relation to the application of changes to the prejudgement interest rate on general damages for non-pecuniary loss**, initially introduced with the September 30, 2017 valuation, was decreased from 1.5% to 1.0%. The reform adjustment applied retroactively (using negative IBNR) against bodily injury nominal unpaid claims amounts (outstanding case reserve and selected IBNR) impacting accidents years 2014 and prior, will be reduced at each successive valuation, assuming the impact of this product reform change will be fully reflected in outstanding case reserves by the September 30, 2018 valuation (that is, as this adjustment is unwound, it is anticipated that member settlement and case adjustment activity will occur simultaneously, neutralizing the adjustment unwind).

**In addition to the above**, in the **Ontario Court of Appeal decisions** in **El-Khodr v. Lackie (September 19, 2017; 2017 ONCA 716)** and **Cobb v. Long Estate (September 19, 2017; 2017 ONCA 717)**, the court of appeal ruled that the changes to the tort deductible and monetary threshold were implemented to achieve particular policy objectives and therefore should have retrospective application (i.e. to be applied to all settlements on or after January 1, 2015). The Facility Association view, consistent with these decisions, is that the changes to the bodily injury tort threshold and deductibles are on a settlement date basis. With the **most recent valuation** (March 31, 2018), no additional reform adjustment was included as we have assumed the retroactive impact of this product reform change has been fully reflected in outstanding case reserves.

Recognizing that individual members may interpret these results differently, we have included a table at the top of the next page displaying the Ontario FARM Third Party Liability – Bodily Injury Case Reserves (December 31, 2017<sup>8</sup>) by accident year as well as projected average duration, from accident date to projected settlement date, from the December 31, 2017 valuation paid emergence projection model. No attempt has been made to distinguish case reserves held for pecuniary versus non-pecuniary losses, nor in estimating the amount of prejudgment interest, if any, is included in the case reserve estimates.

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damages further defined as “Damages for non-monetary losses suffered by a plaintiff. These damages are not capable of exact quantification. Examples of such losses suffered include pain, suffering, and disfigurement.”

<sup>8</sup>As we anticipate the full impact of the reforms will be accounted for in case reserves by December 31, 2018 and therefore with the 2018 Q4 valuation, we anticipate being able to remove this section when that valuation is implemented with the March 2019 Operational Report.



**FARM** (Amounts in \$s; ON PPV and non-PPV; as at Dec. 31, 2017)

AY	Curr BI Case	avg yrs to Dec 2016	projected avg # yrs to settlement	projected avg duration
1990	70,806	27.5	0.1	27.6
1991	-	26.5	-	-
1992	311,340	25.5	0.1	25.6
1993	-	24.5	-	-
1994	1,713,807	23.5	0.5	24.0
1995	-	22.5	-	-
1996	-	21.5	-	-
1997	-	20.5	-	-
1998	-	19.5	-	-
1999	-	18.5	-	-
2000	-	17.5	-	-
2001	-	16.5	-	-
2002	257,024	15.5	4.6	20.1
2003	-	14.5	-	-
2004	53,953	13.5	5.5	19.0
2005	1,457,177	12.5	6.2	18.7
2006	155,313	11.5	6.6	18.1
2007	10,467	10.5	4.8	15.3
2008	447,257	9.5	3.1	12.6
2009	1,777,781	8.5	3.5	12.0
2010	734,059	7.5	3.4	10.9
2011	894,359	6.5	2.6	9.1
2012	2,618,952	5.5	1.8	7.3
2013	3,273,033	4.5	1.9	6.4
2014	5,220,131	3.5	2.1	5.6
2015	7,381,284	2.5	2.4	4.9
2016	3,418,942	1.5	2.9	4.4
2017	1,944,164	0.5	3.7	4.2
<b>TOTAL</b>	<b>31,739,849</b>	<b>5.6</b>	<b>2.6</b>	<b>8.2</b>

In the above table, the column “projected avg duration” is an estimate of the number of years from claim occurrence<sup>9</sup> to claim settlement, via summing the average number of years from claim occurrence to December 31, 2017 (3<sup>rd</sup> column) and from December 31, 2017 to settlement (4<sup>th</sup> column).

## 1.7 Current Provision Summary

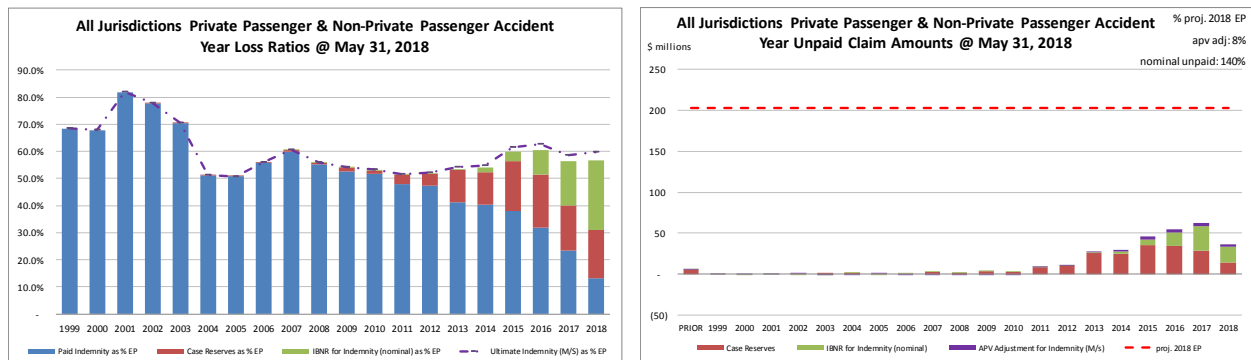
The charts at the top of the next page show the current levels of **indemnity only**<sup>10</sup> claims amounts

<sup>9</sup>Prejudgment interest in Ontario applies to the period from the date the claim is reported, not from the time of occurrence. We have provided the latter to allow actuarial judgment to be applied in estimating the lag between occurrence and reporting.

<sup>10</sup>Servicing Carriers for the Residual Market are compensated via an initial claims fee paid as a percentage of earned premium. This fee is retroactively adjusted and settled at age 72 months for each accident year based on the formula as laid out in the Plan of Operation. The claims fee is meant to cover Servicing Carrier costs for claims management and adjudication except for certain categories of claims expenses (first party legal and professional consulting fees as described in the Facility Association’s “Claims Guide” manual under the “Legal & Professional Fees” section). These latter fees are reimbursable upon proof of closure of the applicable coverage of the claim, and upon verification of eligibility.

We refer to these fees/expenses collectively as “claims fees and allowed claims expenses” and these are generally NOT included in this discussion, although reference is made to them from time to time as deemed appropriate. The claims fees and allowed claims expenses may be reviewed in the valuation process and any associated changes in unpaid amounts are reflected in the Participation

booked by accident year<sup>11</sup>. The left chart displays life-to-date indemnity payments, case reserves, IBNR and the total including actuarial present value adjustments against accident year earned premium. The right chart shows the associated dollar amounts for the components of the unpaid claims liabilities and the current projected amount of 2018 full year earned premium (the red hash-mark line) to provide some perspective.



*"M/S" refers to "Member Statement" values – that is, actuarial present value adjustments at the selected discount rate.*

The current actuarial present value adjustments balance associated with indemnity (\$16.7 million – see table at the top of the next page) represents 8% of the earned premium projected for the full year 2018 (see the upper right corner of the right chart above). If our current estimates of the nominal claim liabilities amounts prove to match actual claims payments, the actuarial present value adjustments will be released into the net operating result over future periods as the associated claims are settled. Similarly, if reimbursement to Servicing Carriers for claims fee adjustments and allowed claims expenses match our current "retro claims" nominal liability estimate shown in the table at the top of the next page, the associated \$3.4 million of actuarial present value adjustments would be released into future net operating results.

claim liabilities (\$000s)		
	amt	%
case	204,089	67.6%
ibnr	80,872	26.8%
M/S apv adj	16,734	5.5%
M/S indemnity	301,695	100.0%
retro claims	29,672	
retro apv adj	3,411	
M/S total	334,778	

The table to the left breaks down the Member Statement (M/S) unpaid claims liabilities total into its component parts. The first four rows of this table reflect indemnity only as indicated, with the majority of the unpaid in case reserves. The unpaid claims fees and allowed claims expenses liability is shown in the row labelled "retro claims" (see footnote 10 on page 13) and the actuarial present value adjustment associated

with this latter provision is presented in the "retro apv adj" row.

The tables at the top of the next page summarize premium and policy liabilities (the "M/S apv adjust." row for premium liabilities includes the amount associated with claims fees and allowed claims adjustment expenses).

Report. The collective provision for the claims fees and allowed claims expenses is referred to as the "Retro Claims" provision and is presented in Table 02b in section 2.2.

<sup>11</sup>The loss ratio chart has been limited to show the most recent 20 accident years; the unpaid provision chart has been limited to show the most recent 20 accident years, and show all accident years older than 20 years collectively as "PRIOR".

premium liabilities (\$000s)			policy liabilities (\$000s)		
	amt	%		amt	%
unearned prem	102,351	107.8%	claim	314,633	73.2%
prem def/(dpac)	(8,021)	(8.4%)	premium	94,330	22.0%
M/S apv adjust.	605	0.6%	M/S apv adjust.	20,750	4.8%
M/S total	94,935	100.0%	M/S total	429,713	100.0%

## 2 Activity During the Month of May 2018<sup>12</sup>

### 2.1 Recorded Premium and Claims Activity

The tables below summarize two “views” (by jurisdiction and by accident year group) of the extent to which premiums and claims amounts recorded during the month differ from estimates reflected in the prior month’s Participation Report.

*FARM Actual vs. Projected Summary: Recorded Indemnity Transaction Amounts (\$ thousands) by Jurisdiction*

Table 01a  Juris- diction	Earned Premium		Paid Indemnity		Case increase / (decrease)		Recorded Indemnity increase / (decrease)	
	Actual	Actual less Projected	Actual	Actual less Projected	Actual	Actual less Projected	Actual	Actual less Projected
ON	5,035	359	2,473	162	(764)	76	1,709	238
AB	4,912	147	4,032	1,856	(1,777)	(1,688)	2,254	168
NL	2,421	(30)	2,433	481	(100)	262	2,333	743
NB	1,813	19	695	(225)	372	620	1,068	395
NS	1,665	53	774	13	(140)	(191)	634	(178)
PE	366	2	139	7	(126)	(115)	13	(107)
YT	152	1	82	28	(28)	(6)	54	22
NT	362	(1)	99	(17)	(55)	(72)	44	(89)
NU	79	(7)	1	(15)	(21)	(39)	(20)	(53)
TOTAL	16,805	543	10,730	2,290	(2,640)	(1,153)	8,090	1,138

(Recorded transaction amounts exclude IBNR & other actuarial provisions)

*FARM Actual vs. Projected Summary: Recorded Indemnity Transaction Amounts (\$ thousands) by Accident Year Group*

Table 01b  Accident Year	Earned Premium		Paid Indemnity		Case increase / (decrease)		Recorded Indemnity increase / (decrease)	
	Actual	Actual less Projected	Actual	Actual less Projected	Actual	Actual less Projected	Actual	Actual less Projected
Prior	(0)	(0)	4,572	1,323	(3,528)	(738)	1,045	586
2016	(6)	(6)	1,329	152	(883)	(132)	446	20
2017	(32)	(32)	1,346	(143)	(389)	210	957	67
2018	16,844	582	3,483	958	2,160	(493)	5,643	465
TOTAL	16,805	543	10,730	2,290	(2,640)	(1,153)	8,090	1,138

(Recorded transaction amounts exclude IBNR & other actuarial provisions)

<sup>12</sup>There may be differences between the values shown in this document and associated values in the Bulletin and / or Participation Report, and even in tables within this document, due to rounding.

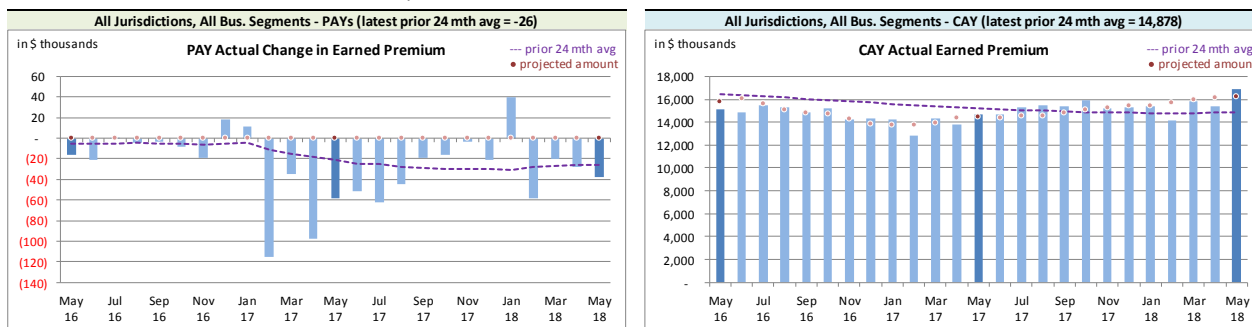


Claims activity varies monthly in part due to “process variance” – that is, due to the nature of the claims reporting, recording and adjudication processes. Each month, the projection variances are reviewed for signs of projection bias and to identify potential ways to reduce the level of the variance. Commentary from our review is provided in the sub-sections that follow.

### 2.1.a Actual vs. Projected (AvsP): Earned Premium

The charts below show actual **earned premium**<sup>13</sup> in each of the most recent 25 calendar months, along with a “prior 24-month average” to show how each month’s actual compare with the average amount of the preceding 24 calendar months.

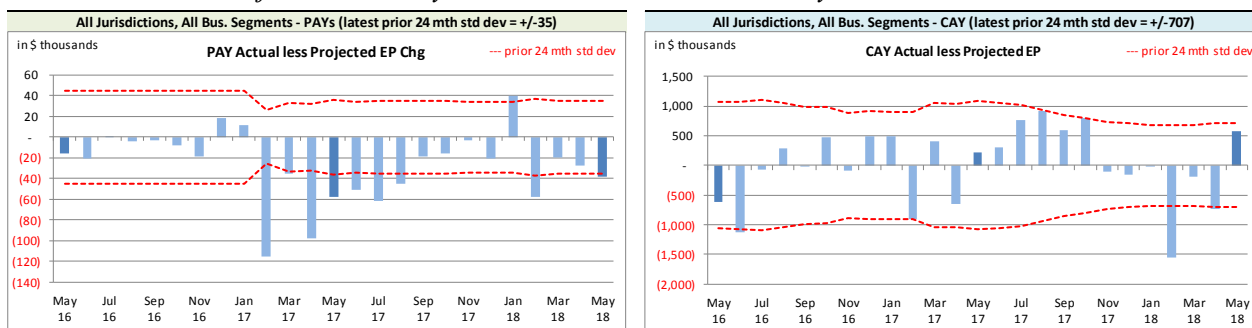
*FARM Actual Earned Premium by Calendar Month*



**Earned premium** changes during a given calendar month in relation to prior accident years tend to be at modest levels.

The associated variance between the actual changes and the projections from the previous month are shown in the charts immediately below. **Earned premium** change projections are all attributed to the current accident year as the projection upload does not accept **earned premium** changes for other accident years. We do not see this limitation as being significant for our purposes, but it does mean that the actual less projection variance will equal the actual **earned premium** change in relation to prior accident years.

*FARM Actual vs. Projected Summary: Earned Premium Variances by Calendar Month*



<sup>13</sup>Premium is earned on a daily basis based on the transaction term measured in days. As a result, months with 31 days earned relatively more than those with 30 days, and February earns the least.

On Latest \$ thousands		
<b>Earned Premium</b>	PAYs	CAY
Mthly Avg EP Chg (prior 24 mths)	(26)	14,878
std dev	35	707
A-P <> std dev	10	3
% <> std dev	40.0%	12.0%
norm <> std dev	31.7%	31.7%

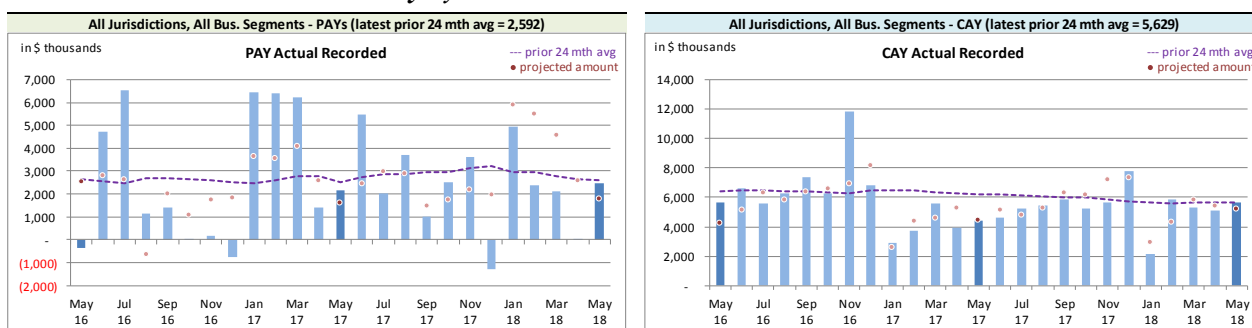
Our admittedly simple approach to projecting **earned premium** changes from projected written premium levels (and uploading all projections as current accident year (CAY)) does not indicate bias<sup>14</sup> on a 24-month lag basis (ignoring the prior accident years' (PAYs) variances, which tend to be small relative to

monthly premium overall). Starting with projections included in the March 2017 Participation Report, we adjusted the earned premium projection to more accurately reflect the number of days of earning per month (the previous methodology was based on the simplifying assumption of equal days in all months). Over time, we may consider other projection approaches to narrow monthly variances.

## 2.1.b AvsP: Recorded Indemnity

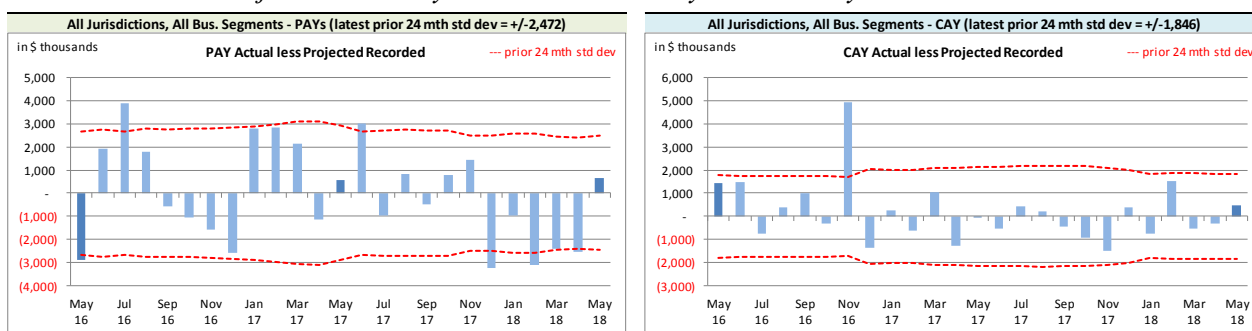
The charts immediately below show actual **recorded indemnity** activity (**paid indemnity** plus case changes) in each of the most recent 25 calendar months, along with a “prior 24-month average” to show how each month’s actual compares with the average amount of the preceding 24 calendar months.

*FARM Actual Recorded Indemnity by Calendar Month*



**Recorded indemnity** activity variances from the previous month’s projections are shown in the charts immediately below, including the “prior 24-month standard deviation” levels.

*FARM Actual vs. Projected Summary: Recorded Indemnity Variances by Calendar Month*



<sup>14</sup>For the binomial distribution with 24 trials and an assumed 50% success probability, the 95% confidence range is 7 to 17 “successes”. That is, favourable or unfavourable counts of 0 to 6 or 18 to 24 out of 24 outcomes would suggest bias.

On Latest \$ thousands			
	<b>Recorded</b>	PAYs	CAY
Mthly Avg Recorded (prior 24 mths)	2,592	5,629	
std dev	2,472	1,846	
A-P <> std dev	6	1	
% <> std dev	24.0%	4.0%	
norm <> std dev	31.7%	31.7%	

The prior accident years (PAYs) **recorded indemnity** variances (see left chart at the bottom of the prior page) over the entire period have fallen outside of the period's standard deviation 24% of the time (see left table), suggesting the projection process performs better than simply projecting based on the previous 24-month

average. No bias has been indicated at a 95% confidence level on a lagging 24-month basis. However, we have noted that 5 of the last 6<sup>15</sup> PAYs had recorded activity actuals that were lower than projected, with 3 of the 5 favourable variances falling outside the 1-standard deviation band (see left chart at the bottom of the prior page). We have made some adjustments to our projections to reflect these findings and continue to monitor.

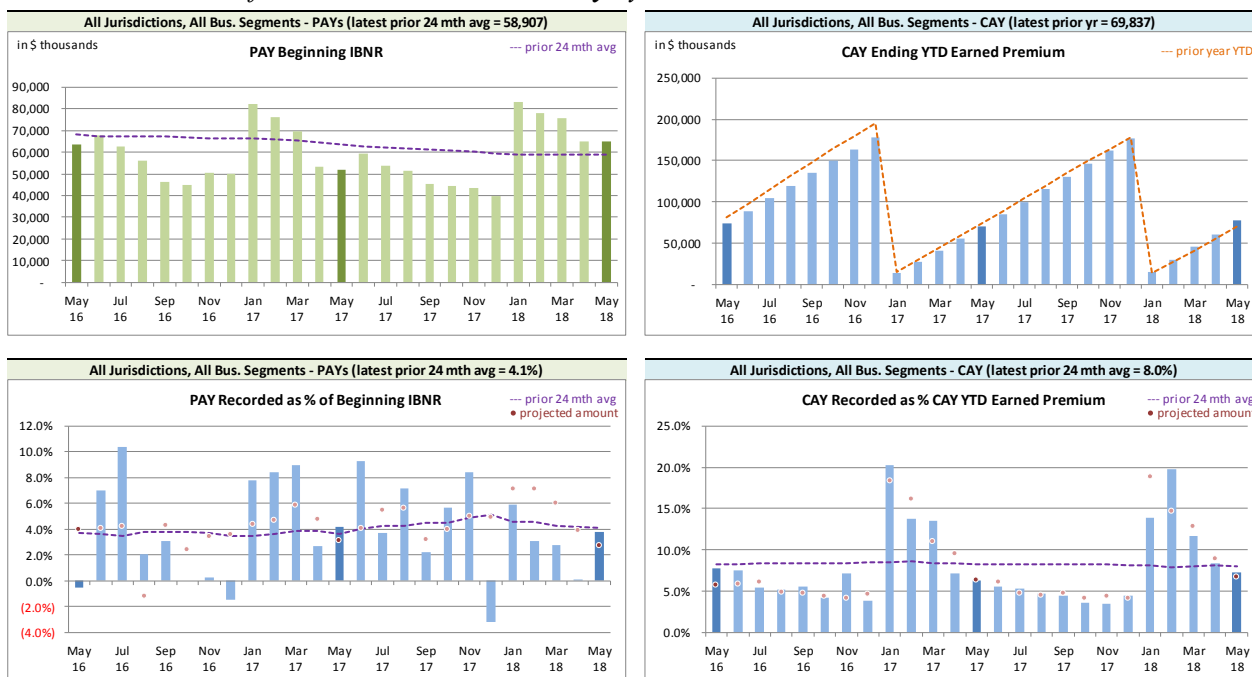
The current accident year (CAY) **recorded indemnity** variances (see right chart at the bottom of the prior page) over the entire period have fallen outside of the period standard deviation only 4% of the time, suggesting the projection process performs better than simply projecting based on the previous 24-month average. No bias has been indicated at a 95% confidence level on a lagging 24-month basis.

The method for establishing IBNR adjusts automatically for changes in **earned premium** and **recorded indemnity** activity level (see sections 2.2 and 3).

We have included, for reference, additional charts at the top of the next page related to levels influencing **recorded indemnity** activity.

<sup>15</sup>Again assuming a binomial distribution with a 50% probability of "success", 5 of 6 trials has about a 9% probability of occurring randomly.

### *FARM Levels that influence<sup>16</sup> Recorded Indemnity by Calendar Month*



We track beginning prior accident years' IBNR as **recorded indemnity** activity “comes out of” IBNR. Changes in the prior accident years' beginning IBNR (see upper left chart within the group of charts immediately above) occur for several possible reasons:

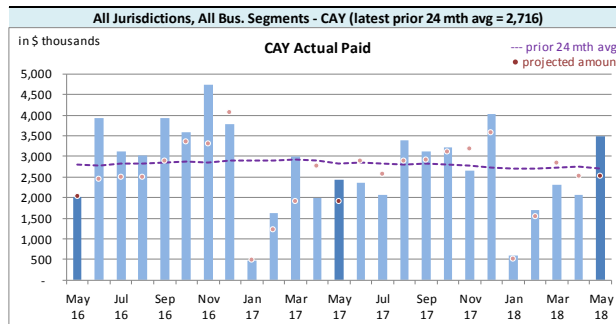
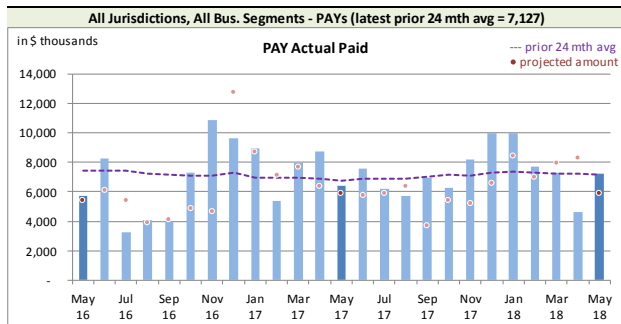
- to offset actual **recorded indemnity** activity (through loss ratio matching);
- the annual switchover as a current accident year becomes a prior accident year (occurs in January); and
- when a new valuation is implemented, where the valuation resulted in changes to the selection of prior accident years' ultimate (will show up as a beginning IBNR change one month after the valuation is implemented, i.e. the change will generally show in April, June, September, and November).

#### **2.1.c AvsP: Paid Indemnity**

The charts at the top of the next page show actual **paid indemnity** activity in each of the most recent 25 calendar months, along with a “prior 24-month average” to show how each month's actual compares with the average amount of the preceding 24 calendar months.

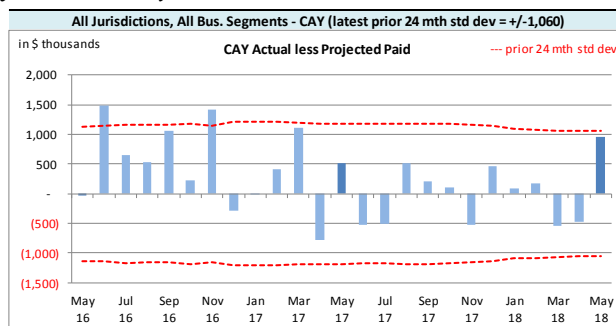
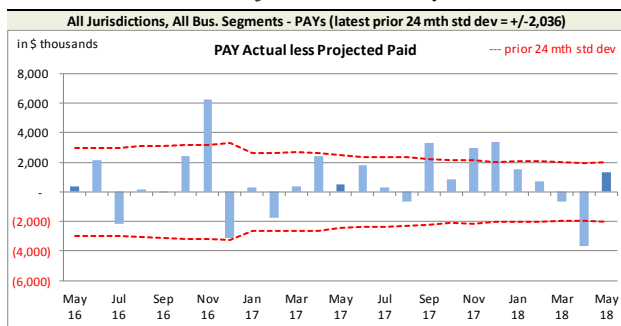
<sup>16</sup>Our recorded indemnity projections for the prior accident years are based on selected ratios of recorded indemnity to beginning unpaid balances, whereas the current accident year projections are based on selected ratios of year-to-date IBNR to year-to-date selected ultimate indemnity (i.e. selected LR x earned premium), deriving year-to-date recorded as selected ultimate less IBNR. In both cases, ratio selection is based on consideration of recent recorded indemnity levels and AvsP analyses.

### *FARM Actual Paid Indemnity by Calendar Month*



The charts immediately below show actual less projected **paid indemnity** activity for the last 25 calendar months, along with bands for the “prior 24-month standard deviations” to show how the variances from projection compare with historical standard deviations.

### *FARM Actual vs. Projected Summary: Paid Indemnity Variances by Calendar Month*



On Latest \$ thousands			
	<b>Paid</b>	PAYs	CAY
Mthly Avg Paid (prior 24 mths)		7,127	2,716
std dev		2,036	1,060
A-P <> std dev		5	2
% <> std dev		20.0%	8.0%
norm <> std dev		31.7%	31.7%

The prior accident years (PAYs) **paid indemnity** variances (left chart above) over the entire period have fallen outside of the period’s standard deviation 20% of the time (see table on left) and as this is fewer than indicated by the normal distribution, it suggests the projection process performs better than simply projecting based on

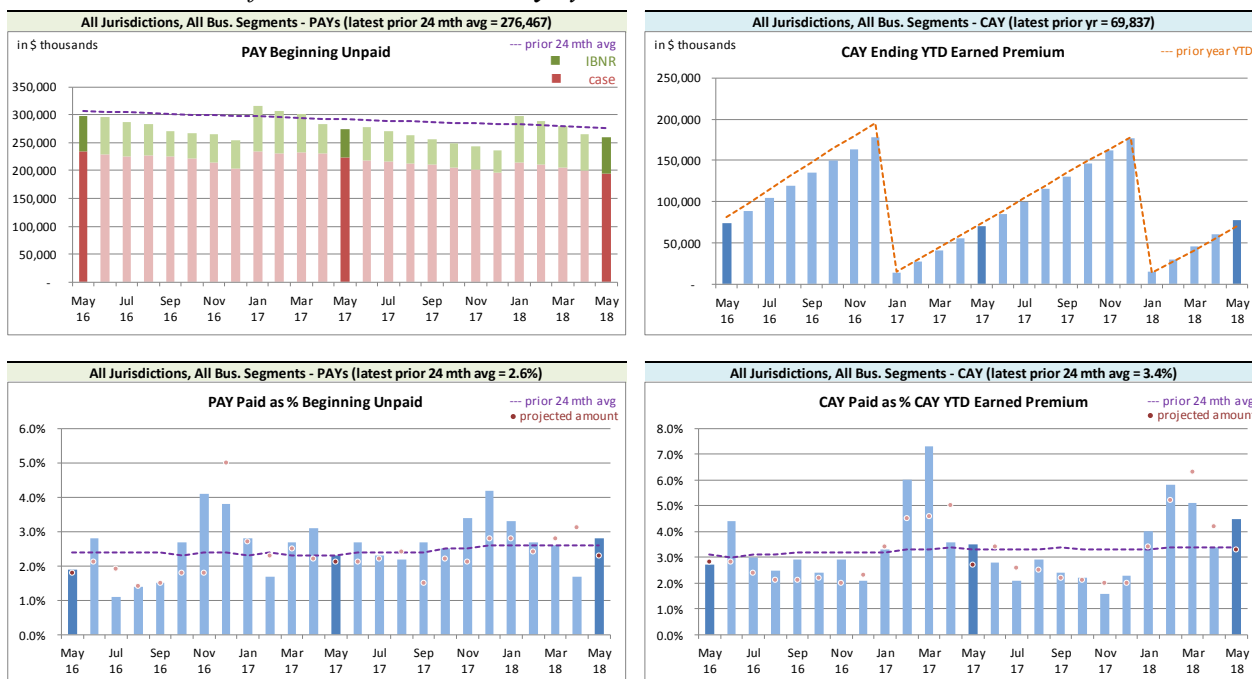
the previous 24-month average. No bias has been indicated at a 95% confidence level on a lagging 24-month basis, although there was bias evident through 2017 (our process was adjusted as a result).

We have noted that 4 of the last 9 **PAY paid** variances have been outside of the 1-standard deviation band (and 7 out of 9 had actual above projected), and we have made some adjustments to our projections to reflect these findings and will continue to monitor.

The current accident year (CAY) **paid indemnity** variances have fallen outside of one standard deviation of the preceding 24-month period approximately 8% of the time, suggesting that the projection process performs better than simply projecting based on the prior 24-month average. No bias has been indicated at a 95% confidence level on a lagging 24-month basis.

We have included, for reference, additional charts at the top of the next page related to levels influencing **paid indemnity** activity.

### *FARM Levels that influence<sup>17</sup> Paid Indemnity by Calendar Month*



We track beginning prior accident years' unpaid balance (case and IBNR) as **paid indemnity** activity "comes out of" the unpaid balance. Changes in the prior accident years' beginning unpaid balance (see upper left chart within the group of charts immediately above) occur for several possible reasons:

- to offset actual **paid indemnity** activity (may reduce case or IBNR or both);
- the annual switchover as a current accident year becomes a prior accident year (occurs in January); and
- when a new valuation is implemented, where the valuation resulted in changes to the selection of prior accident years' ultimate (will show up as a beginning unpaid balance change one month after the valuation is implemented, i.e. the change will generally show in April, June, September, and November).

## **2.2 Actuarial Provisions**

An "ultimate loss ratio matching method" (described in section 3) is used to determine the month's IBNR<sup>18</sup> for accident years 1994 and later (IBNR is kept at \$0 for accident years 1993 and earlier).

Factors are applied to the nominal unpaid claims liability (case plus IBNR – for indemnity only) to determine the discount amount (shown as a negative value to indicate its impact of reducing the liability) and the Provisions for Adverse Deviations.

<sup>17</sup>Our projections for the prior accident years are based on selected ratios of paid indemnity to beginning unpaid balances, whereas the current accident year projections are based on selected ratios of year-to-date paid indemnity to year-to-date selected ultimate indemnity (i.e. selected LR x earned premium). In both cases, ratio selection is based on consideration of recent paid indemnity levels and AvsP analyses.

<sup>18</sup>For ease of discussion, "IBNR" is used in place of "provisions for incurred but not recorded (IBNR) and development".

The loss ratios and the factors used to determine the current provisions were based on the most recent valuation (March 31, 2018 for all jurisdictions). The table immediately below summarizes variances in provisions included in the May 2018 Participation Report and the associated one-month projections from last month's Report.

*FARM Actual vs Projected Summary: IBNR and APV Amounts (\$ thousands)*

Table 02a		actuarial present value adjustments					
Accident Year	IBNR		Discount Amount		Provisions for Adverse Deviations		IBNR + actuarial present value adjustments
	Actual	Actual less Projected	Actual	Actual less Projected	Actual	Actual less Projected	Actual Actual less Projected
Prior	15,142	(3,456)	(8,793)	(1,107)	15,367	(493)	21,716 (5,056)
2016	16,260	22	(2,359)	(177)	6,268	(30)	20,169 (185)
2017	29,354	1,150	(3,069)	(301)	7,162	127	33,447 976
2018	20,116	126	(1,848)	(107)	4,006	(59)	22,274 (40)
TOTAL	80,872	(2,158)	(16,069)	(1,692)	32,803	(455)	97,606 (4,305)

The IBNR provision is \$2.2 million lower than projected from last month, counterbalancing the recorded claims activity and earned premium variance impacts indicated in section 2.1 and due to the valuation implementation.

Exhibit G shows the accident year IBNR amount change from last month to this month broken down into:

- (i) the change projected last month;
- (ii) the additional change due to variances in earned premium (because we apply a loss ratio to earned premium in determining ultimate level) and/or recorded claims (as IBNR is calculated as ultimate less recorded) differences; and
- (iii) the additional change due to valuation implementation impacts (as applicable)

The variances associated with (ii) above are discussed in sections 2.1.a and 2.1.b.

In addition to the provisions for indemnity amounts, provisions are established for certain adjustments to Servicing Carrier claims fees and for certain reimbursable legal and professional claims adjudication fees which we refer to as "allowed claims expenses" (see footnote 10 on page 13). The table at the top of the next page summarizes the variances in these "Retro Claims Provisions" included in the May 2018 Participation Report and the one-month projections from last month's Report. The variances generally reflect earned premium variances by jurisdiction and variances in payments for allowed claims expenses relative to projections, and due to the valuation implementation.



*FARM Actual vs. Projected Summary: “Retro Claims Provision”<sup>19</sup> and APV Amounts (\$ thousands)*

Table 02b		actuarial present value adjustments					
Accident Year	Retro Claims Provision		Discount Amount		Provisions for Adverse Deviations		Retro + actuarial present value adjustments
	Actual	Actual less Projected	Actual	Actual less Projected	Actual	Actual less Projected	Actual Actual less Projected
Prior	23,136	(125)	(1,994)	(369)	3,416	71	24,558 (423)
2016	3,086	52	(131)	(14)	980	(8)	3,935 30
2017	2,711	180	(153)	(17)	878	(60)	3,436 103
2018	739	51	(78)	(5)	493	(13)	1,154 33
<b>TOTAL</b>	<b>29,672</b>	<b>158</b>	<b>(2,356)</b>	<b>(405)</b>	<b>5,767</b>	<b>(10)</b>	<b>33,083 (257)</b>

The table immediately below summarizes the variances in the provisions for the deferred policy acquisition cost amounts (the FARM overall remains in a deferred asset position) included in the May 2018 Participation Report and the one-month projections from last month’s Report. The variances are mainly driven by the unearned premium balance variance (at the jurisdiction level), and due to the valuation implementation.

*FARM Actual vs. Projected Summary: Premium Deficiency / (DPAC) Amounts (\$ thousands)*

Table 03		Premium Deficiency / (Deferred Policy Acquisition Costs)		actuarial present value adjustments		Premium Deficiency / (DPAC) including actuarial present value adjustments	
		Actual	Actual less Projected	Actual	Actual less Projected	Actual	Actual less Projected
balance:		(8,021)	(134)	605	(118)	(7,416)	(252)
balance as % unearned premium:		(7.8%)	0.3%	0.6%	(0.1%)	(7.2%)	0.2%
actual unearned premium:		102,351					
less projected:		5,365					

### 3 Ultimate Loss Ratio Matching Method

An “ultimate loss ratio matching” method continues to be applied to the current month and two projected months shown in the Participation Reports, with IBNR determined by accident year (for accident years 1994 and on) as follows:

- (a) Earned premium to date
- (b) Ultimate loss<sup>20</sup> ratio per latest valuation
- (c) Estimated ultimate incurred = (a) x (b)
- (d) Recorded indemnity to date
- (e) IBNR = (c) – (d)

IBNR for accident years 1993 and earlier is kept at \$0. For the two projected months, IBNR was

<sup>19</sup>“Retro Claims Provision” here refers to the provision for unpaid claims fees & allowed claims expense for Service Carriers in managing and adjudicating claims on behalf of the Facility Association. Non-\$0 actuarial present value adjustments for these provisions were added for the first time with the October 2016 Participation Report. Please see the associated Actuarial Highlights for more information.

<sup>20</sup>“Loss” here refers to indemnity only unless otherwise noted.



determined in a similar way, incorporating the two-month projections of earned premiums and recorded indemnity. Prior to actuarial present value adjustments, any expected emergence of recorded claims amounts pertaining to “prior accident years”<sup>21</sup> during the two-month projection period is assumed to be offset by changes in IBNR. Furthermore, the implied ultimate loss ratios pertaining to each accident year (including the current accident year) are the same in the current month as in the two projected months.

A similar approach is used in determining the part of the “Retro Claims Provisions” in relation to the allowed claims expenses. That is, an ultimate “ratio” is determined akin to the “loss ratio”, and the provision is set following a process as outlined above.

#### 4 Calendar Year-to-Date Results

The table immediately below summarizes the calendar year-to-date results for indemnity as well as Servicing Carrier claims fees & allowed claims expenses. In determining the ratios to earned premium, the calendar year-to-date earned premium has been used, which includes earned premium associated with the current accident year but also earned premium adjustments related to prior accident years.

*FARM Calendar Year-to-Date Indemnity, Claims Fees & Allowed Claims Expense Summary (\$ thousands)*

Table 04	YTD Nominal Values		YTD actuarial present value adjustment		YTD Total		Change from Prior Month YTD	
	Amount	% EP	Amount	% EP	Amount	% EP	Amount	LR pts
PAYs	(10,560)	(13.6%)	(5,068)	(6.5%)	(15,628)	(20.2%)	(4,285)	(1.5%)
CAY	53,488	69.1%	2,573	3.3%	56,061	72.4%	12,185	-
TOTAL	42,929	55.4%	(2,495)	(3.2%)	40,434	52.2%	7,900	(1.5%)

(“% EP” based on 2018 calendar year-to-date earned premium; ratios may not total due to rounding)

In general, prior accident years (PAYs) changes from last month are due to the release of the actuarial present value adjustments with claims payments, except when valuations are implemented. The loss ratio change year-to-date in Table 04 reflects not only changes in the prior accident year levels, but also the increase in the calendar year-to-date earned premium with an additional month’s earned premium, and due to the valuation implementation.

For the current accident year, changes in the year-to-date total reflect the additional month’s exposure and regular changes to actuarial present value adjustments as the year ages, and due to the valuation implementation.

#### 5 Current Participation Report – Additional Exhibits

Section 6 provides exhibits pertaining to the actuarial provisions reflected in the current month’s Participation Report.

IBNR (including actuarial present value adjustments) presented in section 6, Exhibit A, were derived on a discounted basis, and therefore reflect the time value of money and includes explicit provisions for adverse deviations in accordance with accepted actuarial practice in Canada.

<sup>21</sup>“Prior accident years” and the “current accident year” are defined relative to the calendar year associated with the projection period.

IBNR presented in section 6, Exhibit B, does NOT include any actuarial present value adjustments. The “Total IBNR” from this exhibit is shown in the Participation Report as “Undiscounted IBNR”.

As discussed in section 3, IBNR in the current month’s Participation Report was derived as the difference between the estimated ultimate for the claims amount (i.e. earned premium x ultimate loss ratio) and the associated current recorded amounts (life-to-date payments plus current case reserves).

## **6 EXHIBITS**

The exhibits listed below are provided on the pages that follow:

- EXHIBIT A IBNR – for Member Sharing (includes Actuarial Present Value Adjustments)
- EXHIBIT B IBNR – Nominal Basis (excludes Actuarial Present Value Adjustments)
- EXHIBIT C Retro Provisions
  - C-1 for Member Sharing (includes Actuarial Present Value Adjustments)
  - C-2 Nominal Basis (excludes Actuarial Present Value Adjustments)
- EXHIBIT D Future Expected Cost Ratios
- EXHIBIT E Discount Rate & Margins for Adverse Deviations
- EXHIBIT F Interest Rate Sensitivity
- EXHIBIT G Components of IBNR Change During Month:
  - G-1 IBNR – for Member Sharing (includes Actuarial Present Value Adjustments)
  - G-2 IBNR – Nominal Basis (excludes Actuarial Present Value Adjustments)
- EXHIBIT H Projected Year-end Policy Liabilities

**EXHIBIT A**

IBNR (\$s) for Member Sharing – includes Actuarial Present Value Adjustments

page 1 of 10

Jurisdiction Desc	Newfoundland & Labrador				
AccountCode Desc	IBNR Provision				
AccountCode	(All)				
AccidentYear	(All)				
				discount rate: 1.95%	
				interest rate margin: 25 basis pts	
Sum of Amount		Prior Month	Current Month	1st Projected	2nd Projected
Business Segment	Acc Year	ShareYMMM			
		201804	201805	201806	201807
<input checked="" type="checkbox"/> Private Passenger	prior	93,000	(27,000)	(24,000)	(24,000)
	2009	(1,000)	(1,000)	(1,000)	(1,000)
	2010	26,000	(6,000)	(6,000)	(6,000)
	2011	138,000	1,000	1,000	-
	2012	115,000	(44,000)	(36,000)	(35,000)
	2013	174,000	58,000	56,000	55,000
	2014	297,000	220,000	210,000	206,000
	2015	514,000	502,000	487,000	457,000
	2016	1,150,000	1,337,000	1,155,000	1,103,000
	2017	3,247,000	2,630,000	2,463,000	2,418,000
	2018	1,987,000	2,202,000	2,650,000	3,061,000
<b>Private Passenger Total</b>		<b>7,740,000</b>	<b>6,872,000</b>	<b>6,955,000</b>	<b>7,234,000</b>
<input checked="" type="checkbox"/> Non Private Passenger	prior	3,000	3,000	3,000	3,000
	2009	3,000	3,000	3,000	3,000
	2010	48,000	2,000	2,000	2,000
	2011	5,000	(8,000)	(8,000)	(8,000)
	2012	258,000	253,000	250,000	248,000
	2013	126,000	35,000	32,000	33,000
	2014	103,000	70,000	69,000	69,000
	2015	(175,000)	28,000	11,000	5,000
	2016	1,143,000	1,075,000	1,057,000	1,009,000
	2017	1,874,000	1,215,000	1,123,000	1,065,000
	2018	1,070,000	1,078,000	1,303,000	1,514,000
<b>Non Private Passenger Total</b>		<b>4,458,000</b>	<b>3,754,000</b>	<b>3,845,000</b>	<b>3,943,000</b>
<b>Grand Total</b>		<b>12,198,000</b>	<b>10,626,000</b>	<b>10,800,000</b>	<b>11,177,000</b>

Please see Exhibit G-1, page 1 for Components of Change during Current Month

IBNR (\$s) for Member Sharing – includes Actuarial Present Value Adjustments

page 2 of 10

Please see Exhibit G-1, page 2 for Components of Change during Current Month

**EXHIBIT A**

IBNR (\$s) for Member Sharing – includes Actuarial Present Value Adjustments

page 3 of 10

Jurisdiction Desc	Nova Scotia		discount rate: 1.95%			
AccountCode Desc	IBNR Provision		interest rate margin: 25 basis pts			
AccountCode	(All)					
AccidentYear	(All)					
Sum of Amount		Prior Month	Current Month	1st Projected	2nd Projected	
Business Segment		ShareYMM				
Business Segment	Acc Year	201804	201805	201806	201807	
Private Passenger	prior	117,000	35,000	35,000	35,000	
	2009	16,000	11,000	12,000	12,000	
	2010	(55,000)	(38,000)	(38,000)	(38,000)	
	2011	(4,000)	(4,000)	(4,000)	(5,000)	
	2012	(9,000)	(68,000)	(67,000)	(66,000)	
	2013	46,000	23,000	24,000	22,000	
	2014	(73,000)	104,000	99,000	98,000	
	2015	297,000	253,000	247,000	245,000	
	2016	910,000	916,000	863,000	840,000	
	2017	1,598,000	1,664,000	1,631,000	1,613,000	
	2018	928,000	1,014,000	1,179,000	1,372,000	
Private Passenger Total		3,771,000	3,910,000	3,981,000	4,128,000	
Non Private Passenger	prior	(25,000)	11,000	11,000	11,000	
	2009	(5,000)	(5,000)	(5,000)	(5,000)	
	2010	(2,000)	(2,000)	(2,000)	(2,000)	
	2011	94,000	83,000	82,000	81,000	
	2012	53,000	36,000	36,000	36,000	
	2013	12,000	16,000	15,000	13,000	
	2014	(107,000)	(15,000)	(11,000)	(14,000)	
	2015	695,000	747,000	715,000	706,000	
	2016	1,190,000	1,233,000	1,169,000	1,155,000	
	2017	1,276,000	1,802,000	1,752,000	1,704,000	
	2018	942,000	1,299,000	1,466,000	1,497,000	
Non Private Passenger Total		4,123,000	5,205,000	5,228,000	5,182,000	
Grand Total		7,894,000	9,115,000	9,209,000	9,310,000	

Please see Exhibit G-1, page 3 for Components of Change during Current Month

IBNR (\$s) for Member Sharing – includes Actuarial Present Value Adjustments

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Please see Exhibit G-1, page 4 for Components of Change during Current Month

**EXHIBIT A**

IBNR (\$s) for Member Sharing – includes Actuarial Present Value Adjustments

page 5 of 10

Jurisdiction Desc	Ontario		discount rate: 1.95%			
AccountCode Desc	IBNR Provision		interest rate margin: 25 basis pts			
AccountCode	(All)					
AccidentYear	(All)					
		Prior Month	Current Month	1st Projected	2nd Projected	
Sum of Amount	ShareYMM					
Business Segment	Acc Year	201804	201805	201806	201807	
Private Passenger	prior	4,401,000	1,530,000	1,151,000	1,055,000	
	2009	611,000	426,000	302,000	272,000	
	2010	371,000	322,000	233,000	211,000	
	2011	(44,000)	(508,000)	(393,000)	(365,000)	
	2012	(290,000)	(221,000)	(183,000)	(173,000)	
	2013	(33,000)	19,000	19,000	19,000	
	2014	(72,000)	12,000	8,000	7,000	
	2015	253,000	605,000	590,000	579,000	
	2016	1,667,000	1,304,000	1,242,000	1,188,000	
	2017	2,774,000	2,891,000	2,699,000	2,666,000	
	2018	1,631,000	1,992,000	2,358,000	2,795,000	
Private Passenger Total		11,269,000	8,372,000	8,026,000	8,254,000	
Non Private Passenger	prior	381,000	69,000	69,000	68,000	
	2009	117,000	68,000	67,000	67,000	
	2010	127,000	118,000	117,000	116,000	
	2011	855,000	682,000	679,000	671,000	
	2012	300,000	257,000	249,000	246,000	
	2013	948,000	806,000	783,000	775,000	
	2014	1,454,000	1,964,000	1,935,000	1,823,000	
	2015	2,518,000	1,956,000	1,938,000	1,886,000	
	2016	4,750,000	4,355,000	4,201,000	4,074,000	
	2017	7,445,000	7,501,000	7,153,000	6,759,000	
	2018	5,090,000	6,453,000	7,998,000	9,537,000	
Non Private Passenger Total		23,985,000	24,229,000	25,189,000	26,022,000	
Grand Total		35,254,000	32,601,000	33,215,000	34,276,000	

Please see Exhibit G-1, page 5 for Components of Change during Current Month

**EXHIBIT A**

IBNR (\$s) for Member Sharing – includes Actuarial Present Value Adjustments

page 6 of 10

Jurisdiction Desc	Alberta		discount rate: 1.95%			
AccountCode Desc	IBNR Provision		interest rate margin: 25 basis pts			
AccountCode	(All)					
AccidentYear	(All)					
			Prior Month	Current Month	1st Projected	2nd Projected
Sum of Amount	ShareYMM					
Business Segment	Acc Year		201804	201805	201806	201807
Private Passenger	prior		(8,000)	(7,000)	(4,000)	(4,000)
	2009		10,000	10,000	9,000	9,000
	2010		322,000	73,000	65,000	64,000
	2011		249,000	221,000	202,000	200,000
	2012		187,000	167,000	150,000	147,000
	2013		341,000	205,000	185,000	183,000
	2014		568,000	657,000	642,000	637,000
	2015		1,159,000	1,243,000	1,227,000	1,212,000
	2016		1,356,000	1,343,000	1,128,000	1,015,000
	2017		1,668,000	1,773,000	1,736,000	1,700,000
	2018		162,000	428,000	600,000	768,000
Private Passenger Total			6,014,000	6,113,000	5,940,000	5,931,000
Non Private Passenger	prior		40,000	37,000	34,000	34,000
	2009		(115,000)	(60,000)	(54,000)	(52,000)
	2010		6,000	6,000	5,000	5,000
	2011		35,000	18,000	16,000	17,000
	2012		240,000	226,000	207,000	202,000
	2013		324,000	471,000	440,000	432,000
	2014		1,291,000	1,183,000	1,136,000	1,124,000
	2015		2,715,000	2,394,000	2,362,000	2,216,000
	2016		4,950,000	4,581,000	4,124,000	3,838,000
	2017		6,292,000	6,131,000	5,792,000	5,720,000
	2018		4,372,000	4,715,000	5,109,000	6,178,000
Non Private Passenger Total			20,150,000	19,702,000	19,171,000	19,714,000
Grand Total			26,164,000	25,815,000	25,111,000	25,645,000

Please see Exhibit G-1, page 6 for Components of Change during Current Month



**EXHIBIT A**

IBNR (\$s) for Member Sharing – includes Actuarial Present Value Adjustments

page 7 of 10

Jurisdiction Desc	<b>Yukon</b>		discount rate: 1.95%			
AccountCode Desc	<b>IBNR Provision</b>		interest rate margin: 25 basis pts			
AccountCode	(All)					
AccidentYear	(All)					
		Prior Month	Current Month	1st Projected	2nd Projected	
Sum of Amount	ShareYYMM					
Business Segment	Acc Year	201804	201805	201806	201807	
Private Passenger	prior	4,000	4,000	4,000	4,000	
	2009		-	-	-	
	2010	9,000	8,000	8,000	8,000	
	2011	9,000	8,000	8,000	8,000	
	2012	16,000	14,000	14,000	14,000	
	2013	30,000	25,000	25,000	25,000	
	2014	56,000	50,000	50,000	50,000	
	2015	179,000	167,000	165,000	164,000	
	2016	61,000	32,000	32,000	33,000	
	2017	105,000	195,000	193,000	171,000	
	2018	58,000	79,000	93,000	105,000	
<b>Private Passenger Total</b>		<b>527,000</b>	<b>582,000</b>	<b>592,000</b>	<b>582,000</b>	
Non Private Passenger	prior	2,000	2,000	2,000	2,000	
	2009		-	-	-	
	2010		-	-	-	
	2011		-	-	-	
	2012	11,000	9,000	9,000	9,000	
	2013	4,000	2,000	2,000	2,000	
	2014	31,000	31,000	31,000	31,000	
	2015	120,000	100,000	99,000	97,000	
	2016	122,000	217,000	215,000	212,000	
	2017	317,000	290,000	246,000	203,000	
	2018	132,000	33,000	64,000	104,000	
<b>Non Private Passenger Total</b>		<b>739,000</b>	<b>684,000</b>	<b>668,000</b>	<b>660,000</b>	
<b>Grand Total</b>		<b>1,266,000</b>	<b>1,266,000</b>	<b>1,260,000</b>	<b>1,242,000</b>	

Please see Exhibit G-1, page 7 for Components of Change during Current Month

**EXHIBIT A**

IBNR (\$s) for Member Sharing – includes Actuarial Present Value Adjustments

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Jurisdiction Desc	Northwest Territories				
AccountCode Desc	IBNR Provision				
AccountCode	(All)				
AccidentYear	(All)				
				discount rate: 1.95%	
				interest rate margin: 25 basis pts	
Sum of Amount		Prior Month	Current Month	1st Projected	2nd Projected
Business Segment	Acc Year	ShareYMMM			
		201804	201805	201806	201807
<input checked="" type="checkbox"/> Private Passenger	prior	(2,000)	(2,000)	(2,000)	(2,000)
	2009		-	-	-
	2010	4,000	(1,000)	(1,000)	(1,000)
	2011	8,000	3,000	3,000	3,000
	2012	46,000	18,000	18,000	18,000
	2013	45,000	41,000	41,000	41,000
	2014	194,000	108,000	106,000	105,000
	2015	200,000	175,000	173,000	171,000
	2016	252,000	270,000	269,000	266,000
	2017	177,000	277,000	219,000	211,000
	2018	(13,000)	103,000	188,000	302,000
<b>Private Passenger Total</b>		<b>911,000</b>	<b>992,000</b>	<b>1,014,000</b>	<b>1,114,000</b>
<input checked="" type="checkbox"/> Non Private Passenger	prior	2,000	2,000	2,000	2,000
	2009		-	-	-
	2010	1,000	1,000	1,000	1,000
	2011		-	-	-
	2012		-	-	-
	2013	38,000	33,000	33,000	32,000
	2014	61,000	54,000	54,000	53,000
	2015	71,000	63,000	62,000	61,000
	2016	268,000	260,000	257,000	255,000
	2017	559,000	372,000	365,000	353,000
	2018	99,000	134,000	155,000	176,000
<b>Non Private Passenger Total</b>		<b>1,099,000</b>	<b>919,000</b>	<b>929,000</b>	<b>933,000</b>
<b>Grand Total</b>		<b>2,010,000</b>	<b>1,911,000</b>	<b>1,943,000</b>	<b>2,047,000</b>

Please see Exhibit G-1, page 8 for Components of Change during Current Month

**EXHIBIT A**

IBNR (\$s) for Member Sharing – includes Actuarial Present Value Adjustments

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Jurisdiction Desc	Nunavut		discount rate: 1.95%			
AccountCode Desc	IBNR Provision		interest rate margin: 25 basis pts			
AccountCode	(All)					
AccidentYear	(All)					
		Prior Month	Current Month	1st Projected	2nd Projected	
Sum of Amount	ShareYYMM					
Business Segment	Acc Year	201804	201805	201806	201807	
<input checked="" type="checkbox"/> Private Passenger	prior	(1,000)	(1,000)	(1,000)	(1,000)	
	2009	-	-	-	-	
	2010	-	-	-	-	
	2011	-	-	-	-	
	2012	14,000	14,000	14,000	13,000	
	2013	10,000	9,000	9,000	9,000	
	2014	16,000	13,000	13,000	13,000	
	2015	50,000	50,000	50,000	50,000	
	2016	84,000	84,000	83,000	82,000	
	2017	58,000	80,000	79,000	78,000	
	2018	13,000	20,000	22,000	24,000	
<b>Private Passenger Total</b>		<b>244,000</b>	<b>269,000</b>	<b>269,000</b>	<b>268,000</b>	
<input checked="" type="checkbox"/> Non Private Passenger	prior	-	-	-	-	
	2009	-	-	-	-	
	2010	-	-	-	-	
	2011	-	-	-	-	
	2012	-	-	-	-	
	2013	3,000	3,000	3,000	3,000	
	2014	13,000	11,000	11,000	11,000	
	2015	67,000	64,000	63,000	62,000	
	2016	121,000	113,000	112,000	111,000	
	2017	288,000	284,000	279,000	276,000	
	2018	104,000	121,000	141,000	158,000	
<b>Non Private Passenger Total</b>		<b>596,000</b>	<b>596,000</b>	<b>609,000</b>	<b>621,000</b>	
<b>Grand Total</b>		<b>840,000</b>	<b>865,000</b>	<b>878,000</b>	<b>889,000</b>	

Please see Exhibit G-1, page 9 for Components of Change during Current Month

**EXHIBIT A**

IBNR (\$s) for Member Sharing – includes Actuarial Present Value Adjustments

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Jurisdiction Desc	(All)		discount rate: 1.95%			
AccountCode Desc	IBNR Provision		interest rate margin: 25 basis pts			
AccountCode	(All)					
AccidentYear	(All)					
Sum of Amount		Prior Month	Current Month	1st Projected	2nd Projected	
Business Segment		ShareYMM				
Business Segment	Acc Year	201804	201805	201806	201807	
Private Passenger	prior	4,654,000	1,582,000	1,208,000	1,112,000	
	2009	663,000	473,000	348,000	318,000	
	2010	751,000	397,000	297,000	273,000	
	2011	586,000	(92,000)	(8,000)	13,000	
	2012	246,000	51,000	71,000	75,000	
	2013	761,000	508,000	484,000	478,000	
	2014	1,384,000	1,514,000	1,458,000	1,438,000	
	2015	3,635,000	3,910,000	3,842,000	3,758,000	
	2016	7,168,000	7,160,000	6,623,000	6,326,000	
	2017	13,530,000	13,636,000	13,069,000	12,737,000	
	2018	6,073,000	7,764,000	9,378,000	10,986,000	
Private Passenger Total		39,451,000	36,903,000	36,770,000	37,514,000	
Non Private Passenger	prior	408,000	129,000	126,000	125,000	
	2009	-	3,000	8,000	10,000	
	2010	157,000	149,000	147,000	146,000	
	2011	1,034,000	819,000	811,000	803,000	
	2012	952,000	899,000	868,000	857,000	
	2013	2,187,000	1,860,000	1,786,000	1,763,000	
	2014	3,405,000	3,583,000	3,484,000	3,353,000	
	2015	6,603,000	5,931,000	5,829,000	5,605,000	
	2016	13,701,000	13,009,000	12,270,000	11,766,000	
	2017	19,938,000	19,811,000	18,833,000	18,166,000	
	2018	11,782,000	14,510,000	17,182,000	20,392,000	
Non Private Passenger Total		60,167,000	60,703,000	61,344,000	62,986,000	
Grand Total		99,618,000	97,606,000	98,114,000	100,500,000	

Please see Exhibit G-1, page 10 for Components of Change during Current Month

**EXHIBIT B**

IBNR (\$s) (does not include actuarial present value adjustments)

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Jurisdiction Desc	Newfoundland & Labrador				
AccountCode Desc	Undiscounted				discount rate: 0.00%
AccountCode	IBNR Provision				interest rate margin: 0 basis pts
AccountCode	(All)				
AccidentYear	(All)				
		Prior Month	Current Month	1st Projected	2nd Projected
Sum of Amount	ShareYMM				
Business Segment	Acc Year	201804	201805	201806	201807
<input checked="" type="checkbox"/> Private Passenger	prior	86,000	(24,000)	(22,000)	(22,000)
	2009	1,000	2,000	2,000	2,000
	2010	28,000	(5,000)	(4,000)	(4,000)
	2011	136,000	4,000	4,000	4,000
	2012	71,000	(64,000)	(56,000)	(55,000)
	2013	99,000	-	-	-
	2014	47,000	-	-	-
	2015	219,000	230,000	228,000	201,000
	2016	695,000	923,000	748,000	703,000
	2017	2,754,000	2,196,000	2,042,000	2,001,000
	2018	1,768,000	1,960,000	2,361,000	2,727,000
<b>Private Passenger Total</b>		<b>5,904,000</b>	<b>5,222,000</b>	<b>5,303,000</b>	<b>5,557,000</b>
<input checked="" type="checkbox"/> Non Private Passenger	prior	3,000	3,000	3,000	3,000
	2009	3,000	3,000	3,000	3,000
	2010	49,000	2,000	2,000	2,000
	2011	3,000	(2,000)	(2,000)	(2,000)
	2012	250,000	250,000	247,000	245,000
	2013	80,000	(3,000)	(3,000)	(3,000)
	2014	67,000	41,000	41,000	41,000
	2015	(352,000)	(150,000)	(148,000)	(147,000)
	2016	868,000	830,000	822,000	781,000
	2017	1,565,000	946,000	861,000	809,000
	2018	968,000	966,000	1,169,000	1,359,000
<b>Non Private Passenger Total</b>		<b>3,504,000</b>	<b>2,886,000</b>	<b>2,995,000</b>	<b>3,091,000</b>
<b>Grand Total</b>		<b>9,408,000</b>	<b>8,108,000</b>	<b>8,298,000</b>	<b>8,648,000</b>

Please see Exhibit G-2, page 1 for Components of Change during Current Month

**EXHIBIT B**

IBNR (\$s) (does not include actuarial present value adjustments)

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Jurisdiction Desc	New Brunswick	
AccountCode Desc	Undiscounted	
	IBNR Provision	
AccountCode	(All)	
AccidentYear	(All)	

discount rate: 0.00%

interest rate margin: 0 basis pts

Sum of Amount		Prior Month	Current Month	1st Projected	2nd Projected
Business Segment		ShareYMMM			
Business Segment	Acc Year	201804	201805	201806	201807
Private Passenger	prior	26,000	26,000	25,000	25,000
	2009	15,000	15,000	14,000	14,000
	2010	68,000	42,000	39,000	38,000
	2011	205,000	168,000	156,000	153,000
	2012	126,000	140,000	130,000	127,000
	2013	41,000	21,000	20,000	20,000
	2014	199,000	169,000	150,000	144,000
	2015	360,000	302,000	299,000	287,000
	2016	898,000	1,121,000	1,110,000	1,066,000
	2017	3,106,000	3,199,000	3,135,000	2,978,000
	2018	936,000	1,474,000	1,782,000	1,987,000
Private Passenger Total		5,980,000	6,677,000	6,860,000	6,839,000
Non Private Passenger	prior	(4,000)	(4,000)	(4,000)	(4,000)
	2009	(4,000)	(4,000)	(4,000)	(4,000)
	2010	(39,000)	6,000	6,000	6,000
	2011	22,000	22,000	21,000	21,000
	2012	(3,000)	28,000	27,000	27,000
	2013	463,000	252,000	239,000	237,000
	2014	396,000	144,000	121,000	120,000
	2015	285,000	263,000	268,000	265,000
	2016	733,000	729,000	693,000	679,000
	2017	1,327,000	1,336,000	1,256,000	1,231,000
	2018	649,000	827,000	951,000	1,068,000
Non Private Passenger Total		3,825,000	3,599,000	3,574,000	3,646,000
Grand Total		9,805,000	10,276,000	10,434,000	10,485,000

Please see Exhibit G-2, page 2 for Components of Change during Current Month

**EXHIBIT B**

IBNR (\$s) (does not include actuarial present value adjustments)

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Jurisdiction Desc	Nova Scotia	▼
AccountCode Desc	Undiscounted	
	IBNR Provision	▼
AccountCode	(All)	▼
AccidentYear	(All)	▼

discount rate: 0.00%

interest rate margin: 0 basis pts

Sum of Amount		Prior Month	Current Month	1st Projected	2nd Projected
Business Segment	Acc Year	ShareYMMM			
		201804	201805	201806	201807
Private Passenger	prior	107,000	24,000	24,000	24,000
	2009	19,000	18,000	18,000	18,000
	2010	(61,000)	(45,000)	(45,000)	(44,000)
	2011	(12,000)	(12,000)	(12,000)	(12,000)
	2012	(17,000)	(71,000)	(70,000)	(69,000)
	2013	(33,000)	(53,000)	(52,000)	(51,000)
	2014	(184,000)	(11,000)	(11,000)	(11,000)
	2015	235,000	194,000	192,000	190,000
	2016	777,000	792,000	744,000	722,000
	2017	1,402,000	1,478,000	1,448,000	1,434,000
	2018	833,000	907,000	1,054,000	1,226,000
	Private Passenger Total		3,066,000	3,221,000	3,290,000
Non Private Passenger	prior	(34,000)	11,000	11,000	11,000
	2009	(6,000)	(6,000)	(6,000)	(6,000)
	2010	(2,000)	(2,000)	(2,000)	(2,000)
	2011	92,000	82,000	81,000	80,000
	2012	48,000	33,000	33,000	33,000
	2013	(59,000)	(49,000)	(49,000)	(49,000)
	2014	(221,000)	(133,000)	(128,000)	(128,000)
	2015	558,000	619,000	588,000	582,000
	2016	988,000	1,040,000	978,000	968,000
	2017	999,000	1,522,000	1,476,000	1,432,000
	2018	842,000	1,182,000	1,329,000	1,343,000
	Non Private Passenger Total		3,205,000	4,299,000	4,311,000
Grand Total		6,271,000	7,520,000	7,601,000	7,691,000

Please see Exhibit G-2, page 3 for Components of Change during Current Month

**EXHIBIT B**

IBNR (\$s) (does not include actuarial present value adjustments)

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Jurisdiction Desc	Prince Edward Island				
AccountCode Desc	Undiscounted				discount rate: 0.00%
AccountCode	IBNR Provision				interest rate margin: 0 basis pts
AccountCode	(All)				
AccidentYear	(All)				

		Prior Month	Current Month	1st Projected	2nd Projected
Sum of Amount		ShareYMM			
Business Segment	Acc Year	201804	201805	201806	201807
<input checked="" type="checkbox"/> Private Passenger	prior	(5,000)	(5,000)	(5,000)	(5,000)
	2009	-	-	-	-
	2010	(1,000)	(1,000)	(1,000)	(1,000)
	2011	(1,000)	(1,000)	(1,000)	(1,000)
	2012	-	-	-	-
	2013	(2,000)	(2,000)	(2,000)	(2,000)
	2014	26,000	18,000	18,000	18,000
	2015	162,000	156,000	154,000	152,000
	2016	305,000	275,000	272,000	269,000
	2017	399,000	526,000	521,000	516,000
	2018	240,000	294,000	320,000	358,000
<b>Private Passenger Total</b>		<b>1,123,000</b>	<b>1,260,000</b>	<b>1,276,000</b>	<b>1,304,000</b>
<input checked="" type="checkbox"/> Non Private Passenger	prior	(1,000)	(1,000)	(1,000)	(1,000)
	2009	-	-	-	-
	2010	-	-	-	-
	2011	1,000	1,000	1,000	1,000
	2012	20,000	18,000	18,000	18,000
	2013	(1,000)	(1,000)	(1,000)	(1,000)
	2014	65,000	66,000	65,000	64,000
	2015	147,000	165,000	163,000	161,000
	2016	236,000	256,000	253,000	250,000
	2017	359,000	679,000	672,000	665,000
	2018	(753,000)	(281,000)	(160,000)	(19,000)
<b>Non Private Passenger Total</b>		<b>74,000</b>	<b>902,000</b>	<b>1,010,000</b>	<b>1,138,000</b>
<b>Grand Total</b>		<b>1,197,000</b>	<b>2,162,000</b>	<b>2,286,000</b>	<b>2,442,000</b>

Please see Exhibit G-2, page 4 for Components of Change during Current Month



**EXHIBIT B**

IBNR (\$s) (does not include actuarial present value adjustments)

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Jurisdiction Desc	<b>Ontario</b>	<input type="button" value="v"/>
AccountCode Desc	<b>Undiscounted</b>	<input type="button" value="v"/>
	<b>IBNR Provision</b>	<input type="button" value="v"/>
AccountCode	(All)	<input type="button" value="v"/>
AccidentYear	(All)	<input type="button" value="v"/>

discount rate: 0.00%

interest rate margin: 0 basis pts





Sum of Amount		Prior Month	Current Month	1st Projected	2nd Projected
Business Segment		ShareYMMM			
Business Segment	Acc Year	201804	201805	201806	201807
<input checked="" type="checkbox"/> Private Passenger	prior	3,777,000	1,521,000	1,140,000	1,049,000
	2009	599,000	509,000	382,000	351,000
	2010	364,000	358,000	268,000	247,000
	2011	(32,000)	(454,000)	(340,000)	(313,000)
	2012	(273,000)	(151,000)	(113,000)	(104,000)
	2013	(66,000)	(2,000)	(1,000)	(1,000)
	2014	(236,000)	(132,000)	(131,000)	(130,000)
	2015	77,000	422,000	418,000	410,000
	2016	1,402,000	1,062,000	1,009,000	959,000
	2017	2,395,000	2,526,000	2,349,000	2,326,000
	2018	1,465,000	1,798,000	2,123,000	2,519,000
<b>Private Passenger Total</b>		<b>9,472,000</b>	<b>7,457,000</b>	<b>7,104,000</b>	<b>7,313,000</b>
<input checked="" type="checkbox"/> Non Private Passenger	prior	334,000	40,000	41,000	42,000
	2009	96,000	68,000	67,000	66,000
	2010	126,000	126,000	125,000	124,000
	2011	831,000	720,000	713,000	706,000
	2012	169,000	148,000	147,000	146,000
	2013	591,000	574,000	568,000	562,000
	2014	986,000	1,506,000	1,491,000	1,387,000
	2015	1,734,000	1,224,000	1,212,000	1,176,000
	2016	3,761,000	3,450,000	3,312,000	3,213,000
	2017	6,507,000	6,598,000	6,268,000	5,892,000
	2018	4,646,000	5,940,000	7,367,000	8,781,000
<b>Non Private Passenger Total</b>		<b>19,781,000</b>	<b>20,394,000</b>	<b>21,311,000</b>	<b>22,095,000</b>
<b>Grand Total</b>		<b>29,253,000</b>	<b>27,851,000</b>	<b>28,415,000</b>	<b>29,408,000</b>

Please see Exhibit G-2, page 5 for Components of Change during Current Month

**EXHIBIT B**



IBNR (\$s) (does not include actuarial present value adjustments)

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Jurisdiction Desc	<b>Alberta</b>	
AccountCode Desc	<b>Undiscounted</b>	
	<b>IBNR Provision</b>	
AccountCode	(All)	
AccidentYear	(All)	

discount rate: 0.00%

interest rate margin: 0 basis pts





Sum of Amount		Prior Month	Current Month	1st Projected	2nd Projected
Business Segment		ShareYMMM			
	Acc Year	201804	201805	201806	201807
 Private Passenger	prior	(34,000)	(30,000)	(26,000)	(26,000)
	2009	10,000	10,000	9,000	9,000
	2010	304,000	69,000	61,000	60,000
	2011	139,000	122,000	107,000	106,000
	2012	137,000	121,000	106,000	105,000
	2013	290,000	159,000	140,000	139,000
	2014	438,000	526,000	515,000	510,000
	2015	943,000	1,060,000	1,049,000	1,039,000
	2016	1,171,000	1,173,000	962,000	856,000
	2017	1,500,000	1,618,000	1,586,000	1,554,000
	2018	114,000	371,000	536,000	695,000
<b>Private Passenger Total</b>		<b>5,012,000</b>	<b>5,199,000</b>	<b>5,045,000</b>	<b>5,047,000</b>
 Non Private Passenger	prior	27,000	42,000	39,000	39,000
	2009	(117,000)	(62,000)	(56,000)	(54,000)
	2010	6,000	6,000	5,000	5,000
	2011	10,000	4,000	4,000	4,000
	2012	166,000	166,000	151,000	146,000
	2013	(7,000)	161,000	147,000	143,000
	2014	992,000	953,000	915,000	906,000
	2015	1,887,000	1,671,000	1,654,000	1,522,000
	2016	4,023,000	3,725,000	3,278,000	3,016,000
	2017	5,463,000	5,399,000	5,075,000	5,024,000
	2018	3,941,000	4,245,000	4,574,000	5,560,000
<b>Non Private Passenger Total</b>		<b>16,391,000</b>	<b>16,310,000</b>	<b>15,786,000</b>	<b>16,311,000</b>
<b>Grand Total</b>		<b>21,403,000</b>	<b>21,509,000</b>	<b>20,831,000</b>	<b>21,358,000</b>

Please see Exhibit G-2, page 6 for Components of Change during Current Month

**EXHIBIT B**



IBNR (\$s) (does not include actuarial present value adjustments)

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Jurisdiction Desc	<b>Yukon</b>	
AccountCode Desc	<b>Undiscounted</b>	
	<b>IBNR Provision</b>	
AccountCode	(All)	
AccidentYear	(All)	

discount rate: 0.00%

interest rate margin: 0 basis pts

Sum of Amount		Prior Month	Current Month	1st Projected	2nd Projected
Business Segment		ShareYMMM			
Business Segment	Acc Year	201804	201805	201806	201807
 Private Passenger	prior	4,000	4,000	4,000	4,000
	2009		-	-	-
	2010	5,000	4,000	4,000	4,000
	2011	8,000	7,000	7,000	7,000
	2012	15,000	13,000	13,000	13,000
	2013	28,000	24,000	24,000	24,000
	2014	53,000	47,000	47,000	47,000
	2015	92,000	84,000	83,000	82,000
	2016	49,000	22,000	22,000	22,000
	2017	93,000	179,000	177,000	156,000
	2018	54,000	74,000	87,000	98,000
<b>Private Passenger Total</b>		<b>401,000</b>	<b>458,000</b>	<b>468,000</b>	<b>457,000</b>
 Non Private Passenger	prior	2,000	2,000	2,000	2,000
	2009		-	-	-
	2010		-	-	-
	2011		-	-	-
	2012	7,000	6,000	6,000	6,000
	2013	4,000	2,000	2,000	2,000
	2014	29,000	29,000	29,000	29,000
	2015	78,000	62,000	61,000	60,000
	2016	102,000	197,000	195,000	193,000
	2017	293,000	271,000	228,000	185,000
	2018	118,000	22,000	50,000	87,000
<b>Non Private Passenger Total</b>		<b>633,000</b>	<b>591,000</b>	<b>573,000</b>	<b>564,000</b>
<b>Grand Total</b>		<b>1,034,000</b>	<b>1,049,000</b>	<b>1,041,000</b>	<b>1,021,000</b>

Please see Exhibit G-2, page 7 for Components of Change during Current Month

**EXHIBIT B**

IBNR (\$s) (does not include actuarial present value adjustments)

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Jurisdiction Desc	Northwest Territories				
AccountCode Desc	Undiscounted IBNR Provision				discount rate: 0.00%
AccountCode	(All)				interest rate margin: 0 basis pts
AccidentYear	(All)				
		Prior Month	Current Month	1st Projected	2nd Projected
Sum of Amount	ShareYMM				
Business Segment	Acc Year	201804	201805	201806	201807
<input checked="" type="checkbox"/> Private Passenger	prior	(2,000)	(2,000)	(2,000)	(2,000)
	2009		-	-	-
	2010	4,000	(1,000)	(1,000)	(1,000)
	2011	7,000	3,000	3,000	3,000
	2012	43,000	17,000	17,000	17,000
	2013	42,000	38,000	38,000	38,000
	2014	148,000	69,000	68,000	67,000
	2015	185,000	162,000	160,000	158,000
	2016	224,000	244,000	242,000	240,000
	2017	142,000	240,000	182,000	175,000
	2018	(34,000)	80,000	160,000	270,000
<b>Private Passenger Total</b>		<b>759,000</b>	<b>850,000</b>	<b>867,000</b>	<b>965,000</b>
<input checked="" type="checkbox"/> Non Private Passenger	prior	2,000	2,000	2,000	2,000
	2009		-	-	-
	2010	1,000	1,000	1,000	1,000
	2011		-	-	-
	2012		-	-	-
	2013	11,000	8,000	8,000	8,000
	2014	21,000	17,000	17,000	17,000
	2015	66,000	59,000	58,000	57,000
	2016	248,000	243,000	241,000	239,000
	2017	468,000	300,000	297,000	285,000
	2018	90,000	124,000	144,000	163,000
<b>Non Private Passenger Total</b>		<b>907,000</b>	<b>754,000</b>	<b>768,000</b>	<b>772,000</b>
<b>Grand Total</b>		<b>1,666,000</b>	<b>1,604,000</b>	<b>1,635,000</b>	<b>1,737,000</b>

Please see Exhibit G-2, page 8 for Components of Change during Current Month

**EXHIBIT B**

IBNR (\$s) (does not include actuarial present value adjustments)

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Jurisdiction Desc	Nunavut	▼
AccountCode Desc	Undiscounted	
	IBNR Provision	▼
AccountCode	(All)	▼
AccidentYear	(All)	▼

discount rate: 0.00%

interest rate margin: 0 basis pts

Sum of Amount			Prior Month	Current Month	1st Projected	2nd Projected
Business Segment	Acc Year	ShareYMMM	201804	201805	201806	201807
<input checked="" type="checkbox"/> Private Passenger	prior		(1,000)	(1,000)	(1,000)	(1,000)
	2009			-	-	-
	2010			-	-	-
	2011			-	-	-
	2012		3,000	3,000	3,000	3,000
	2013		9,000	8,000	8,000	8,000
	2014		15,000	13,000	13,000	13,000
	2015		46,000	46,000	46,000	46,000
	2016		79,000	79,000	78,000	77,000
	2017		53,000	75,000	74,000	73,000
	2018		12,000	18,000	21,000	23,000
Private Passenger Total			216,000	241,000	242,000	242,000
<input checked="" type="checkbox"/> Non Private Passenger	prior			-	-	-
	2009			-	-	-
	2010			-	-	-
	2011			-	-	-
	2012			-	-	-
	2013		3,000	3,000	3,000	3,000
	2014		13,000	11,000	11,000	11,000
	2015		61,000	58,000	57,000	56,000
	2016		105,000	99,000	98,000	97,000
	2017		269,000	266,000	263,000	260,000
	2018		98,000	115,000	133,000	149,000
Non Private Passenger Total			549,000	552,000	565,000	576,000
Grand Total			765,000	793,000	807,000	818,000

Please see Exhibit G-2, page 9 for Components of Change during Current Month

**EXHIBIT B**

IBNR (\$s) (does not include actuarial present value adjustments)

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Jurisdiction Desc	(All)	▼
AccountCode Desc	Undiscounted	
	IBNR Provision	▼
AccountCode	(All)	▼
AccidentYear	(All)	▼

discount rate: 0.00%

interest rate margin: 0 basis pts

Sum of Amount			Prior Month	Current Month	1st Projected	2nd Projected
Business Segment	Acc Year	ShareYMMM	201804	201805	201806	201807
Private Passenger	prior		3,958,000	1,513,000	1,137,000	1,046,000
	2009		644,000	554,000	425,000	394,000
	2010		711,000	421,000	321,000	299,000
	2011		450,000	(163,000)	(76,000)	(53,000)
	2012		105,000	8,000	30,000	37,000
	2013		408,000	193,000	175,000	175,000
	2014		506,000	699,000	669,000	658,000
	2015		2,319,000	2,656,000	2,629,000	2,565,000
	2016		5,600,000	5,691,000	5,187,000	4,914,000
	2017		11,844,000	12,037,000	11,514,000	11,213,000
	2018		5,388,000	6,976,000	8,444,000	9,903,000
Private Passenger Total			31,933,000	30,585,000	30,455,000	31,151,000
Non Private Passenger	prior		329,000	95,000	93,000	94,000
	2009		(28,000)	(1,000)	4,000	5,000
	2010		141,000	139,000	137,000	136,000
	2011		959,000	827,000	818,000	810,000
	2012		657,000	649,000	629,000	621,000
	2013		1,086,000	947,000	914,000	902,000
	2014		2,348,000	2,634,000	2,562,000	2,447,000
	2015		4,464,000	3,971,000	3,913,000	3,732,000
	2016		11,064,000	10,569,000	9,870,000	9,436,000
	2017		17,250,000	17,317,000	16,396,000	15,783,000
	2018		10,599,000	13,140,000	15,557,000	18,491,000
Non Private Passenger Total			48,869,000	50,287,000	50,893,000	52,457,000
Grand Total			80,802,000	80,872,000	81,348,000	83,608,000

Please see Exhibit G-2, page 10 for Components of Change during Current Month

EXHIBIT C-1

Retro Claims Expense Provision (\$s) for Member Statements  
(includes Actuarial Present Value Adjustments)

page 1 of 10

Jurisdiction Desc	Newfoundland & Labrador				
AccountCode Desc	Retro Claims Expense				discount rate: 1.95%
AccountCode	(All)				interest rate margin: 25 basis pts
AccidentYear	(All)				
		Prior Month	Current Month	1st Projected	2nd Projected
Sum of Amount	ShareYYMM				
Business Segment	Acc Year	201804	201805	201806	201807
<input checked="" type="checkbox"/> Private Passenger	prior	32,000	31,000	31,000	31,000
	2009	58,000	58,000	57,000	56,000
	2010	89,000	96,000	95,000	94,000
	2011	78,000	77,000	77,000	76,000
	2012	119,000	118,000	116,000	114,000
	2013	175,000	150,000	121,000	117,000
	2014	182,000	181,000	177,000	172,000
	2015	295,000	315,000	311,000	307,000
	2016	414,000	412,000	408,000	403,000
	2017	268,000	204,000	201,000	198,000
	2018	158,000	190,000	223,905	262,905
<b>Private Passenger Total</b>		<b>1,868,000</b>	<b>1,832,000</b>	<b>1,817,905</b>	<b>1,830,905</b>
<input checked="" type="checkbox"/> Non Private Passenger	prior	10,000	10,000	10,000	10,000
	2009	24,000	24,000	24,000	24,000
	2010	28,000	35,000	35,000	35,000
	2011	23,000	22,000	22,000	22,000
	2012	30,000	30,000	30,000	30,000
	2013	45,000	39,000	32,000	31,000
	2014	50,000	50,000	49,000	48,000
	2015	89,000	95,000	95,000	94,000
	2016	137,000	137,000	136,000	135,000
	2017	94,000	71,000	70,000	69,000
	2018	58,000	69,000	82,161	96,161
<b>Non Private Passenger Total</b>		<b>588,000</b>	<b>582,000</b>	<b>585,161</b>	<b>594,161</b>
<b>Grand Total</b>		<b>2,456,000</b>	<b>2,414,000</b>	<b>2,403,066</b>	<b>2,425,066</b>



**EXHIBIT C-1**
**Retro Claims Expense Provision (\$s) for Member Statements  
 (includes Actuarial Present Value Adjustments)**

page 2 of 10

Jurisdiction Desc	New Brunswick	
AccountCode Desc	Retro Claims	
	Expense	
AccountCode	(All)	
AccidentYear	(All)	

discount rate: 1.95%

interest rate margin: 25 basis pts

Sum of Amount		Prior Month	Current Month	1st Projected	2nd Projected
Business Segment		ShareYMMM			
Business Segment	Acc Year	201804	201805	201806	201807
Private Passenger	prior	124,000	124,000	121,000	119,000
	2009	84,000	84,000	82,000	80,000
	2010	105,000	104,000	101,000	98,000
	2011	17,000	17,000	17,000	17,000
	2012	152,000	153,000	149,000	146,000
	2013	335,000	334,000	330,000	326,000
	2014	283,000	271,000	264,000	260,000
	2015	311,000	323,000	317,000	299,000
	2016	360,000	371,000	364,000	359,000
	2017	222,000	247,000	240,000	235,000
	2018	51,000	70,000	84,562	99,562
Private Passenger Total		2,044,000	2,098,000	2,069,562	2,038,562
Non Private Passenger	prior	97,000	97,000	95,000	92,000
	2009	70,000	67,000	66,000	64,000
	2010	89,000	89,000	86,000	84,000
	2011	13,000	13,000	13,000	13,000
	2012	113,000	113,000	110,000	108,000
	2013	235,000	234,000	233,000	231,000
	2014	184,000	175,000	173,000	171,000
	2015	190,000	198,000	196,000	185,000
	2016	215,000	222,000	220,000	218,000
	2017	141,000	156,000	154,000	151,000
	2018	34,000	48,000	59,491	68,491
Non Private Passenger Total		1,381,000	1,412,000	1,405,491	1,385,491
Grand Total		3,425,000	3,510,000	3,475,053	3,424,053

**EXHIBIT C-1**

Retro Claims Expense Provision (\$s) for Member Statements  
 (includes Actuarial Present Value Adjustments)

page 3 of 10

Jurisdiction Desc	<b>Nova Scotia</b>	
AccountCode Desc	<b>Retro Claims</b>	
	<b>Expense</b>	
AccountCode	(All)	
AccidentYear	(All)	

discount rate: 1.95%

interest rate margin: 25 basis pts

		Prior Month	Current Month	1st Projected	2nd Projected
Sum of Amount		ShareYMM			
Business Segment	Acc Year	201804	201805	201806	201807
<input checked="" type="checkbox"/> Private Passenger	prior	429,000	444,000	438,000	432,000
	2009	3,000	3,000	3,000	3,000
	2010	52,000	52,000	51,000	50,000
	2011	103,000	103,000	101,000	98,000
	2012	102,000	102,000	99,000	97,000
	2013	122,000	123,000	121,000	119,000
	2014	144,000	158,000	156,000	154,000
	2015	111,000	111,000	109,000	107,000
	2016	86,000	85,000	83,000	81,000
	2017	129,000	152,000	150,000	148,000
	2018	48,000	60,000	71,782	84,782
<b>Private Passenger Total</b>		<b>1,329,000</b>	<b>1,393,000</b>	<b>1,382,782</b>	<b>1,373,782</b>
<input checked="" type="checkbox"/> Non Private Passenger	prior	104,000	104,000	102,000	100,000
	2009	1,000	1,000	1,000	1,000
	2010	39,000	39,000	37,000	36,000
	2011	97,000	96,000	94,000	92,000
	2012	109,000	108,000	105,000	103,000
	2013	147,000	147,000	145,000	143,000
	2014	186,000	205,000	203,000	202,000
	2015	151,000	150,000	148,000	146,000
	2016	116,000	115,000	112,000	110,000
	2017	174,000	204,000	200,000	197,000
	2018	63,000	80,000	94,789	110,789
<b>Non Private Passenger Total</b>		<b>1,187,000</b>	<b>1,249,000</b>	<b>1,241,789</b>	<b>1,240,789</b>
<b>Grand Total</b>		<b>2,516,000</b>	<b>2,642,000</b>	<b>2,624,571</b>	<b>2,614,571</b>

**EXHIBIT C-1**
**Retro Claims Expense Provision (\$s) for Member Statements  
 (includes Actuarial Present Value Adjustments)**

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Jurisdiction Desc	Prince Edward Island				
AccountCode Desc	Retro Claims Expense				discount rate: 1.95%
AccountCode	(All)				interest rate margin: 25 basis pts
AccidentYear	(All)				

Sum of Amount	ShareYYMM	Prior Month	Current Month	1st Projected	2nd Projected
Business Segment	Acc Year	201804	201805	201806	201807
<input checked="" type="checkbox"/> Private Passenger	prior	12,000	12,000	12,000	12,000
	2009	17,000	17,000	17,000	17,000
	2010	19,000	18,000	18,000	18,000
	2011	29,000	29,000	28,000	26,000
	2012	35,000	35,000	34,000	33,000
	2013	30,000	29,000	28,000	27,000
	2014	47,000	47,000	46,000	45,000
	2015	40,000	40,000	39,000	38,000
	2016	92,000	92,000	90,000	89,000
	2017	57,000	84,000	83,000	82,000
	2018	(1,000)	27,000	32,279	38,279
<b>Private Passenger Total</b>		<b>377,000</b>	<b>430,000</b>	<b>427,279</b>	<b>425,279</b>
<input checked="" type="checkbox"/> Non Private Passenger	prior	7,000	7,000	7,000	7,000
	2009	10,000	10,000	10,000	10,000
	2010	13,000	13,000	13,000	13,000
	2011	18,000	18,000	18,000	18,000
	2012	21,000	21,000	21,000	21,000
	2013	18,000	18,000	18,000	18,000
	2014	29,000	29,000	29,000	29,000
	2015	25,000	25,000	25,000	25,000
	2016	59,000	59,000	59,000	59,000
	2017	37,000	55,000	54,000	53,000
	2018	1,000	19,000	23,712	27,712
<b>Non Private Passenger Total</b>		<b>238,000</b>	<b>274,000</b>	<b>277,712</b>	<b>280,712</b>
<b>Grand Total</b>		<b>615,000</b>	<b>704,000</b>	<b>704,991</b>	<b>705,991</b>

**EXHIBIT C-1**
**Retro Claims Expense Provision (\$s) for Member Statements  
 (includes Actuarial Present Value Adjustments)**

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Jurisdiction Desc	<b>Ontario</b>	
AccountCode Desc	<b>Retro Claims</b>	
	<b>Expense</b>	
AccountCode	(All)	
AccidentYear	(All)	

discount rate: 1.95%

interest rate margin: 25 basis pts

		Prior Month	Current Month	1st Projected	2nd Projected
Sum of Amount		ShareYMM			
Business Segment	Acc Year	201804	201805	201806	201807
<input checked="" type="checkbox"/> Private Passenger	prior	4,186,000	3,858,000	3,743,000	3,631,000
	2009	585,000	544,000	527,000	512,000
	2010	624,000	608,000	589,000	572,000
	2011	786,000	745,000	721,000	700,000
	2012	794,000	752,000	729,000	707,000
	2013	656,000	647,000	605,000	585,000
	2014	581,000	563,000	545,000	529,000
	2015	571,000	577,000	561,000	544,000
	2016	541,000	526,000	511,000	495,000
	2017	563,000	561,000	544,000	527,000
	2018	153,000	188,000	231,841	272,841
<b>Private Passenger Total</b>		<b>10,040,000</b>	<b>9,569,000</b>	<b>9,306,841</b>	<b>9,074,841</b>
<input checked="" type="checkbox"/> Non Private Passenger	prior	1,086,000	1,011,000	993,000	973,000
	2009	341,000	319,000	312,000	307,000
	2010	468,000	450,000	441,000	433,000
	2011	635,000	599,000	587,000	574,000
	2012	778,000	759,000	745,000	730,000
	2013	1,016,000	1,003,000	947,000	926,000
	2014	1,106,000	1,077,000	1,056,000	1,034,000
	2015	1,279,000	1,294,000	1,269,000	1,246,000
	2016	1,201,000	1,168,000	1,145,000	1,123,000
	2017	1,248,000	1,242,000	1,218,000	1,194,000
	2018	390,000	490,000	617,263	742,263
<b>Non Private Passenger Total</b>		<b>9,548,000</b>	<b>9,412,000</b>	<b>9,330,263</b>	<b>9,282,263</b>
<b>Grand Total</b>		<b>19,588,000</b>	<b>18,981,000</b>	<b>18,637,104</b>	<b>18,357,104</b>





**EXHIBIT C-1**
**Retro Claims Expense Provision (\$s) for Member Statements  
 (includes Actuarial Present Value Adjustments)**

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Jurisdiction Desc	Alberta				discount rate: 1.95%
AccountCode Desc	Retro Claims				
	Expense				interest rate margin: 25 basis pts
AccountCode	(All)				
AccidentYear	(All)				
		Prior Month	Current Month	1st Projected	2nd Projected
Sum of Amount	ShareYMM				
Business Segment	Acc Year	201804	201805	201806	201807
<input checked="" type="checkbox"/> Private Passenger	prior	293,000	290,000	284,000	276,000
	2009	63,000	63,000	62,000	61,000
	2010	54,000	12,000	12,000	12,000
	2011	81,000	72,000	71,000	70,000
	2012	83,000	74,000	73,000	72,000
	2013	99,000	99,000	97,000	95,000
	2014	94,000	86,000	85,000	83,000
	2015	75,000	75,000	74,000	73,000
	2016	113,000	113,000	112,000	110,000
	2017	51,000	51,000	50,000	49,000
	2018	(4,000)	(8,000)	(9,733)	(11,733)
<b>Private Passenger Total</b>		<b>1,002,000</b>	<b>927,000</b>	<b>910,267</b>	<b>889,267</b>
<input checked="" type="checkbox"/> Non Private Passenger	prior	735,000	702,000	695,000	688,000
	2009	222,000	220,000	218,000	217,000
	2010	181,000	43,000	43,000	43,000
	2011	262,000	232,000	229,000	228,000
	2012	295,000	263,000	260,000	257,000
	2013	387,000	385,000	381,000	377,000
	2014	406,000	373,000	368,000	365,000
	2015	357,000	356,000	354,000	349,000
	2016	598,000	597,000	593,000	590,000
	2017	327,000	326,000	322,000	320,000
	2018	(25,000)	(53,000)	(74,479)	(85,479)
<b>Non Private Passenger Total</b>		<b>3,745,000</b>	<b>3,444,000</b>	<b>3,388,521</b>	<b>3,348,521</b>
<b>Grand Total</b>		<b>4,747,000</b>	<b>4,371,000</b>	<b>4,298,788</b>	<b>4,237,788</b>

**EXHIBIT C-1**
**Retro Claims Expense Provision (\$s) for Member Statements  
 (includes Actuarial Present Value Adjustments)**

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Jurisdiction Desc	<b>Yukon</b>	
AccountCode Desc	<b>Retro Claims</b>	
	<b>Expense</b>	
AccountCode	(All)	
AccidentYear	(All)	

discount rate: 1.95%

interest rate margin: 25 basis pts



Sum of Amount		Prior Month	Current Month	1st Projected	2nd Projected
Business Segment		ShareYMMM			
Business Segment	Acc Year	201804	201805	201806	201807
 <b>Private Passenger</b>	prior	14,000	14,000	14,000	14,000
	2009	3,000	3,000	3,000	3,000
	2010	4,000	4,000	4,000	4,000
	2011	4,000	4,000	4,000	4,000
	2012	7,000	7,000	7,000	7,000
	2013	(4,000)	(4,000)	(5,000)	(5,000)
	2014	7,000	7,000	7,000	7,000
	2015	11,000	9,000	9,000	9,000
	2016	8,000	8,000	8,000	7,000
	2017	3,000	4,000	4,000	4,000
	2018	-	-	98	98
<b>Private Passenger Total</b>		<b>57,000</b>	<b>56,000</b>	<b>55,098</b>	<b>54,098</b>
 <b>Non Private Passenger</b>	prior	8,000	8,000	8,000	8,000
	2009	3,000	3,000	3,000	3,000
	2010	4,000	4,000	4,000	4,000
	2011	7,000	7,000	7,000	7,000
	2012	8,000	8,000	8,000	8,000
	2013	(6,000)	(6,000)	(7,000)	(7,000)
	2014	9,000	9,000	9,000	9,000
	2015	15,000	11,000	11,000	11,000
	2016	15,000	17,000	17,000	16,000
	2017	10,000	12,000	12,000	12,000
	2018	-	(2,000)	339	(661)
<b>Non Private Passenger Total</b>		<b>73,000</b>	<b>71,000</b>	<b>72,339</b>	<b>70,339</b>
<b>Grand Total</b>		<b>130,000</b>	<b>127,000</b>	<b>127,437</b>	<b>124,437</b>

EXHIBIT C-1

Retro Claims Expense Provision (\$s) for Member Statements  
(includes Actuarial Present Value Adjustments)

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Jurisdiction Desc	Northwest Territories				
AccountCode Desc	Retro Claims Expense				discount rate: 1.95%
AccountCode	(All)				interest rate margin: 25 basis pts
AccidentYear	(All)				

Sum of Amount	Share	Prior Month	Current Month	1st Projected	2nd Projected
Business Segment	Acc Year	201804	201805	201806	201807
<input checked="" type="checkbox"/> Private Passenger	prior	19,000	19,000	19,000	19,000
	2009	13,000	13,000	13,000	13,000
	2010	18,000	18,000	18,000	18,000
	2011	21,000	21,000	21,000	21,000
	2012	25,000	25,000	25,000	25,000
	2013	27,000	27,000	27,000	27,000
	2014	55,000	47,000	47,000	47,000
	2015	23,000	23,000	23,000	23,000
	2016	7,000	7,000	7,000	7,000
	2017	47,000	39,000	39,000	39,000
	2018	(10,000)	(10,000)	(14,007)	(17,007)
Private Passenger Total		245,000	229,000	224,993	221,993
<input checked="" type="checkbox"/> Non Private Passenger	prior	5,000	5,000	5,000	5,000
	2009	4,000	4,000	4,000	4,000
	2010	6,000	6,000	6,000	6,000
	2011	8,000	8,000	8,000	8,000
	2012	9,000	9,000	9,000	9,000
	2013	10,000	10,000	10,000	10,000
	2014	19,000	17,000	17,000	17,000
	2015	8,000	7,000	7,000	7,000
	2016	3,000	3,000	3,000	3,000
	2017	19,000	17,000	17,000	17,000
	2018	(5,000)	(5,000)	(6,927)	(6,927)
Non Private Passenger Total		86,000	81,000	79,073	79,073
Grand Total		331,000	310,000	304,066	301,066

**EXHIBIT C-1**
**Retro Claims Expense Provision (\$s) for Member Statements  
 (includes Actuarial Present Value Adjustments)**

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Jurisdiction Desc	Nunavut					discount rate: 1.95%
AccountCode Desc	Retro Claims					
	Expense					interest rate margin: 25 basis pts
AccountCode	(All)					
AccidentYear	(All)					
			Prior Month	Current Month	1st Projected	2nd Projected
Sum of Amount	ShareYYMM					
Business Segment	Acc Year	201804	201805	201806	201807	
<input checked="" type="checkbox"/> Private Passenger	prior	1,000	1,000	1,000	1,000	
	2009	2,000	2,000	2,000	2,000	
	2010	4,000	4,000	4,000	4,000	
	2011	6,000	6,000	6,000	6,000	
	2012	7,000	7,000	7,000	7,000	
	2013	(11,000)	(11,000)	(11,000)	(11,000)	
	2014	(6,000)	(6,000)	(6,000)	(6,000)	
	2015	6,000	6,000	6,000	6,000	
	2016	1,000	1,000	1,000	1,000	
	2017	3,000	3,000	2,000	2,000	
	2018	(1,000)	(2,000)	(2,009)	(2,009)	
<b>Private Passenger Total</b>		<b>12,000</b>	<b>11,000</b>	<b>9,991</b>	<b>9,991</b>	
<input checked="" type="checkbox"/> Non Private Passenger	prior	1,000	1,000	1,000	1,000	
	2009	1,000	1,000	1,000	1,000	
	2010	3,000	3,000	3,000	3,000	
	2011	4,000	4,000	4,000	4,000	
	2012	6,000	6,000	6,000	6,000	
	2013	(7,000)	(7,000)	(7,000)	(7,000)	
	2014	(4,000)	(4,000)	(4,000)	(4,000)	
	2015	6,000	6,000	6,000	6,000	
	2016	2,000	2,000	2,000	2,000	
	2017	8,000	8,000	7,000	7,000	
	2018	(5,000)	(7,000)	(6,394)	(9,394)	
<b>Non Private Passenger Total</b>		<b>15,000</b>	<b>13,000</b>	<b>12,606</b>	<b>9,606</b>	
<b>Grand Total</b>		<b>27,000</b>	<b>24,000</b>	<b>22,597</b>	<b>19,597</b>	



**EXHIBIT C-1**

Retro Claims Expense Provision (\$s) for Member Statements  
 (includes Actuarial Present Value Adjustments)

page 10 of 10

Jurisdiction Desc	(All)	▼
AccountCode Desc	Retro Claims	
	Expense	▼
AccountCode	(All)	▼
AccidentYear	(All)	▼

discount rate: 1.95%



interest rate margin: 25 basis pts

Sum of Amount		Prior Month	Current Month	1st Projected	2nd Projected
Business Segment		ShareYMM			
▼	▼	201804	201805	201806	201807
Private Passenger	prior	5,110,000	4,793,000	4,663,000	4,535,000
	2009	828,000	787,000	766,000	747,000
	2010	969,000	916,000	892,000	870,000
	2011	1,125,000	1,074,000	1,046,000	1,018,000
	2012	1,324,000	1,273,000	1,239,000	1,208,000
	2013	1,429,000	1,394,000	1,313,000	1,280,000
	2014	1,387,000	1,354,000	1,321,000	1,291,000
	2015	1,443,000	1,479,000	1,449,000	1,406,000
	2016	1,622,000	1,615,000	1,584,000	1,552,000
	2017	1,343,000	1,345,000	1,313,000	1,284,000
	2018	394,000	515,000	618,718	727,718
Private Passenger Total		16,974,000	16,545,000	16,204,718	15,918,718
Non Private Passenger	prior	2,053,000	1,945,000	1,916,000	1,884,000
	2009	676,000	649,000	639,000	631,000
	2010	831,000	682,000	668,000	657,000
	2011	1,067,000	999,000	982,000	966,000
	2012	1,369,000	1,317,000	1,294,000	1,272,000
	2013	1,845,000	1,823,000	1,752,000	1,722,000
	2014	1,985,000	1,931,000	1,900,000	1,871,000
	2015	2,120,000	2,142,000	2,111,000	2,069,000
	2016	2,346,000	2,320,000	2,287,000	2,256,000
	2017	2,058,000	2,091,000	2,054,000	2,020,000
	2018	511,000	639,000	789,955	942,955
Non Private Passenger Total		16,861,000	16,538,000	16,392,955	16,290,955
Grand Total		33,835,000	33,083,000	32,597,673	32,209,673

**EXHIBIT C-2**

 Retro Claims Expense Provision (\$s) - Nominal  
 (excludes Actuarial Present Value Adjustments)

page 1 of 10

Jurisdiction Desc	Newfoundland & Labrador	
AccountCode Desc	Undiscounted Retro Claims Expense	
AccountCode	(All)	
AccidentYear	(All)	

discount rate: 0.00%

interest rate margin: 0 basis pts

Sum of Amount		Prior Month	Current Month	1st Projected	2nd Projected
Business Segment		ShareYYMM			
	Acc Year	201804	201805	201806	201807
Private Passenger	prior	28,000	28,000	28,000	28,000
	2009	60,000	60,000	59,000	58,000
	2010	91,000	99,000	98,000	97,000
	2011	78,000	78,000	77,000	76,000
	2012	117,000	117,000	115,000	113,000
	2013	143,000	119,000	115,000	111,000
	2014	141,000	141,000	137,000	133,000
	2015	217,000	239,000	235,000	231,000
	2016	315,000	313,000	309,000	305,000
	2017	149,000	106,000	103,000	100,000
	2018	112,000	132,000	159,905	187,905
Private Passenger Total		1,451,000	1,432,000	1,435,905	1,439,905
Non Private Passenger	prior	9,000	9,000	9,000	9,000
	2009	22,000	22,000	22,000	22,000
	2010	29,000	32,000	32,000	32,000
	2011	23,000	23,000	23,000	23,000
	2012	30,000	30,000	30,000	30,000
	2013	36,000	30,000	29,000	28,000
	2014	39,000	39,000	38,000	37,000
	2015	65,000	72,000	71,000	70,000
	2016	104,000	104,000	103,000	102,000
	2017	52,000	37,000	36,000	35,000
	2018	41,000	48,000	57,161	68,161
Non Private Passenger Total		450,000	446,000	450,161	456,161
Grand Total		1,901,000	1,878,000	1,886,066	1,896,066

**EXHIBIT C-2**

 Retro Claims Expense Provision (\$s) - Nominal  
 (excludes Actuarial Present Value Adjustments)

page 2 of 10

Jurisdiction Desc	New Brunswick	
AccountCode Desc	Undiscounted	
	Retro Claims	
	Expense	
AccountCode	(All)	
AccidentYear	(All)	

discount rate: 0.00%


interest rate margin: 0 basis pts

Sum of Amount		Prior Month	Current Month	1st Projected	2nd Projected
Business Segment		ShareYYMM	201805	201806	201807
Business Segment	Acc Year	201804	201805	201806	201807
Private Passenger	prior	119,000	119,000	116,000	113,000
	2009	79,000	79,000	77,000	75,000
	2010	100,000	100,000	97,000	94,000
	2011	16,000	16,000	16,000	16,000
	2012	143,000	143,000	139,000	135,000
	2013	296,000	282,000	278,000	274,000
	2014	259,000	233,000	228,000	223,000
	2015	261,000	261,000	255,000	250,000
	2016	293,000	318,000	312,000	306,000
	2017	160,000	185,000	179,000	174,000
	2018	27,000	45,000	47,562	56,562
Private Passenger Total		1,753,000	1,781,000	1,744,562	1,716,562
Non Private Passenger	prior	95,000	95,000	93,000	91,000
	2009	66,000	66,000	65,000	64,000
	2010	84,000	84,000	82,000	80,000
	2011	12,000	12,000	12,000	12,000
	2012	105,000	105,000	103,000	101,000
	2013	209,000	199,000	197,000	195,000
	2014	169,000	152,000	150,000	148,000
	2015	161,000	161,000	159,000	157,000
	2016	176,000	191,000	189,000	187,000
	2017	102,000	118,000	116,000	114,000
	2018	18,000	31,000	33,491	39,491
Non Private Passenger Total		1,197,000	1,214,000	1,199,491	1,188,491
Grand Total		2,950,000	2,995,000	2,944,053	2,905,053

**EXHIBIT C-2**

 Retro Claims Expense Provision (\$s) - Nominal  
 (excludes Actuarial Present Value Adjustments)

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Jurisdiction Desc	Nova Scotia	
AccountCode Desc	Undiscounted	
	Retro Claims	
	Expense	
AccountCode	(All)	
AccidentYear	(All)	

discount rate: 0.00%





interest rate margin: 0 basis pts

Sum of Amount		Prior Month	Current Month	1st Projected	2nd Projected
Business Segment		ShareYYMM	201805	201806	201807
Business Segment	Acc Year	201804	201805	201806	201807
Private Passenger	prior	415,000	415,000	409,000	403,000
	2009	3,000	3,000	3,000	3,000
	2010	49,000	49,000	48,000	47,000
	2011	97,000	97,000	95,000	93,000
	2012	95,000	95,000	93,000	91,000
	2013	109,000	109,000	107,000	105,000
	2014	122,000	137,000	135,000	133,000
	2015	90,000	90,000	88,000	86,000
	2016	56,000	56,000	54,000	52,000
	2017	92,000	115,000	113,000	111,000
	2018	30,000	37,000	45,782	53,782
Private Passenger Total		1,158,000	1,203,000	1,190,782	1,177,782
Non Private Passenger	prior	100,000	100,000	98,000	96,000
	2009	1,000	1,000	1,000	1,000
	2010	35,000	35,000	34,000	33,000
	2011	95,000	95,000	93,000	91,000
	2012	106,000	106,000	104,000	102,000
	2013	133,000	133,000	131,000	129,000
	2014	159,000	179,000	177,000	175,000
	2015	123,000	123,000	121,000	119,000
	2016	76,000	76,000	73,000	71,000
	2017	124,000	155,000	152,000	149,000
	2018	39,000	50,000	59,789	69,789
Non Private Passenger Total		991,000	1,053,000	1,043,789	1,035,789
Grand Total		2,149,000	2,256,000	2,234,571	2,213,571

**EXHIBIT C-2**

Retro Claims Expense Provision (\$s) - Nominal  
 (excludes Actuarial Present Value Adjustments)

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Jurisdiction Desc	Prince Edward Island	
AccountCode Desc	Undiscounted Retro Claims Expense	
AccountCode	(All)	
AccidentYear	(All)	

discount rate: 0.00%

interest rate margin: 0 basis pts

Sum of Amount		Prior Month	Current Month	1st Projected	2nd Projected	
Business Segment	Acc Year	ShareYYMM	201804	201805	201806	201807
Private Passenger	prior		11,000	11,000	11,000	11,000
	2009		15,000	15,000	15,000	15,000
	2010		19,000	19,000	19,000	19,000
	2011		26,000	26,000	25,000	24,000
	2012		32,000	32,000	31,000	30,000
	2013		27,000	27,000	26,000	25,000
	2014		42,000	42,000	41,000	40,000
	2015		29,000	29,000	28,000	27,000
	2016		74,000	71,000	70,000	69,000
	2017		43,000	68,000	67,000	66,000
	2018		(4,000)	18,000	23,279	27,279
Private Passenger Total			314,000	358,000	356,279	353,279
Non Private Passenger	prior		6,000	6,000	6,000	6,000
	2009		9,000	9,000	9,000	9,000
	2010		12,000	12,000	12,000	12,000
	2011		16,000	16,000	16,000	16,000
	2012		19,000	19,000	19,000	19,000
	2013		17,000	17,000	17,000	17,000
	2014		26,000	26,000	26,000	26,000
	2015		19,000	19,000	19,000	19,000
	2016		48,000	46,000	46,000	46,000
	2017		28,000	44,000	43,000	42,000
	2018		(2,000)	13,000	16,712	19,712
Non Private Passenger Total			198,000	227,000	229,712	231,712
Grand Total			512,000	585,000	585,991	584,991

**EXHIBIT C-2**

 Retro Claims Expense Provision (\$s) - Nominal  
 (excludes Actuarial Present Value Adjustments)

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Jurisdiction Desc	<b>Ontario</b>	
AccountCode Desc	<b>Undiscounted</b>	
	<b>Retro Claims</b>	
	<b>Expense</b>	
AccountCode	(All)	
AccidentYear	(All)	

discount rate: 0.00%

interest rate margin: 0 basis pts

Sum of Amount		Prior Month	Current Month	1st Projected	2nd Projected
Business Segment		ShareYYMM			
Business Segment	Acc Year	201804	201805	201806	201807
Private Passenger	prior	4,127,000	3,987,000	3,867,000	3,752,000
	2009	583,000	561,000	544,000	528,000
	2010	622,000	622,000	603,000	585,000
	2011	792,000	767,000	744,000	722,000
	2012	804,000	787,000	763,000	740,000
	2013	590,000	590,000	570,000	550,000
	2014	508,000	498,000	481,000	465,000
	2015	489,000	499,000	484,000	469,000
	2016	442,000	429,000	415,000	401,000
	2017	445,000	458,000	443,000	428,000
	2018	109,000	133,000	161,841	190,841
Private Passenger Total		<b>9,511,000</b>	<b>9,331,000</b>	<b>9,075,841</b>	<b>8,830,841</b>
Non Private Passenger	prior	1,066,000	1,014,000	993,000	973,000
	2009	331,000	318,000	312,000	306,000
	2010	466,000	466,000	457,000	448,000
	2011	628,000	608,000	596,000	584,000
	2012	736,000	721,000	707,000	693,000
	2013	899,000	899,000	878,000	858,000
	2014	947,000	928,000	907,000	887,000
	2015	1,088,000	1,112,000	1,090,000	1,068,000
	2016	980,000	952,000	931,000	911,000
	2017	989,000	1,019,000	996,000	974,000
	2018	279,000	350,000	431,263	520,263
Non Private Passenger Total		<b>8,409,000</b>	<b>8,387,000</b>	<b>8,298,263</b>	<b>8,222,263</b>
Grand Total		<b>17,920,000</b>	<b>17,718,000</b>	<b>17,374,104</b>	<b>17,053,104</b>

**EXHIBIT C-2**

 Retro Claims Expense Provision (\$s) - Nominal  
 (excludes Actuarial Present Value Adjustments)

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Jurisdiction Desc	<b>Alberta</b>	
AccountCode Desc	<b>Undiscounted</b>	
	<b>Retro Claims</b>	
	<b>Expense</b>	
AccountCode	(All)	
AccidentYear	(All)	

discount rate: 0.00%


interest rate margin: 0 basis pts

Sum of Amount		Prior Month	Current Month	1st Projected	2nd Projected
Business Segment		ShareYYMM			
	Acc Year	201804	201805	201806	201807
Private Passenger	prior	275,000	268,000	263,000	258,000
	2009	62,000	62,000	61,000	60,000
	2010	51,000	12,000	12,000	12,000
	2011	76,000	68,000	67,000	66,000
	2012	78,000	70,000	69,000	68,000
	2013	93,000	93,000	91,000	89,000
	2014	89,000	82,000	80,000	78,000
	2015	52,000	52,000	51,000	50,000
	2016	80,000	80,000	79,000	78,000
	2017	48,000	48,000	47,000	46,000
	2018	(8,000)	(10,000)	(13,733)	(15,733)
Private Passenger Total		896,000	825,000	806,267	789,267
Non Private Passenger	prior	729,000	703,000	696,000	689,000
	2009	222,000	222,000	220,000	218,000
	2010	179,000	43,000	43,000	43,000
	2011	257,000	229,000	227,000	225,000
	2012	283,000	254,000	251,000	248,000
	2013	368,000	368,000	364,000	360,000
	2014	385,000	355,000	351,000	347,000
	2015	246,000	246,000	243,000	240,000
	2016	424,000	424,000	421,000	418,000
	2017	306,000	306,000	303,000	300,000
	2018	(55,000)	(70,000)	(95,479)	(110,479)
Non Private Passenger Total		3,344,000	3,080,000	3,023,521	2,977,521
Grand Total		4,240,000	3,905,000	3,829,788	3,766,788

**EXHIBIT C-2**

Retro Claims Expense Provision (\$s) - Nominal  
 (excludes Actuarial Present Value Adjustments)

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Jurisdiction Desc	<b>Yukon</b>	
AccountCode Desc	<b>Undiscounted</b>	
	<b>Retro Claims</b>	
	<b>Expense</b>	
AccountCode	(All)	
AccidentYear	(All)	

discount rate: 0.00%

interest rate margin: 0 basis pts





Sum of Amount		Prior Month	Current Month	1st Projected	2nd Projected
Business Segment		ShareYYMM	201805	201806	201807
Business Segment	Acc Year	201804	201805	201806	201807
Private Passenger	prior	13,000	13,000	13,000	13,000
	2009	3,000	3,000	3,000	3,000
	2010	4,000	4,000	4,000	4,000
	2011	4,000	4,000	4,000	4,000
	2012	6,000	6,000	6,000	6,000
	2013	(5,000)	(6,000)	(6,000)	(6,000)
	2014	6,000	6,000	6,000	6,000
	2015	2,000	1,000	1,000	1,000
	2016	5,000	5,000	5,000	5,000
	2017	2,000	2,000	2,000	2,000
	2018	(1,000)	(1,000)	(902)	(902)
Private Passenger Total		39,000	37,000	37,098	37,098
Non Private Passenger	prior	8,000	8,000	8,000	8,000
	2009	3,000	3,000	3,000	3,000
	2010	4,000	4,000	4,000	4,000
	2011	6,000	6,000	6,000	6,000
	2012	7,000	7,000	7,000	7,000
	2013	(7,000)	(8,000)	(8,000)	(8,000)
	2014	8,000	8,000	8,000	8,000
	2015	2,000	-	-	-
	2016	10,000	12,000	12,000	12,000
	2017	5,000	6,000	6,000	6,000
	2018	(3,000)	(4,000)	(3,661)	(5,661)
Non Private Passenger Total		43,000	42,000	42,339	40,339
Grand Total		82,000	79,000	79,437	77,437



**EXHIBIT C-2**

 Retro Claims Expense Provision (\$s) - Nominal  
 (excludes Actuarial Present Value Adjustments)

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Jurisdiction Desc	Northwest Territories	
AccountCode Desc	Undiscounted Retro Claims Expense	
AccountCode	(All)	
AccidentYear	(All)	

discount rate: 0.00%

interest rate margin: 0 basis pts

Sum of Amount		Prior Month	Current Month	1st Projected	2nd Projected
Business Segment		ShareYYMM			
Business Segment	Acc Year	201804	201805	201806	201807
Private Passenger	prior	17,000	17,000	17,000	17,000
	2009	13,000	13,000	13,000	13,000
	2010	17,000	17,000	17,000	17,000
	2011	20,000	20,000	20,000	20,000
	2012	24,000	24,000	24,000	24,000
	2013	25,000	25,000	25,000	25,000
	2014	41,000	37,000	37,000	37,000
	2015	21,000	17,000	17,000	17,000
	2016	5,000	5,000	5,000	5,000
	2017	29,000	26,000	26,000	26,000
	2018	(15,000)	(16,000)	(22,007)	(26,007)
Private Passenger Total		197,000	185,000	178,993	174,993
Non Private Passenger	prior	5,000	5,000	5,000	5,000
	2009	4,000	4,000	4,000	4,000
	2010	5,000	5,000	5,000	5,000
	2011	7,000	7,000	7,000	7,000
	2012	8,000	8,000	8,000	8,000
	2013	9,000	9,000	9,000	9,000
	2014	14,000	13,000	13,000	13,000
	2015	7,000	5,000	5,000	5,000
	2016	2,000	2,000	2,000	2,000
	2017	12,000	11,000	11,000	11,000
	2018	(7,000)	(7,000)	(10,927)	(11,927)
Non Private Passenger Total		66,000	62,000	58,073	57,073
Grand Total		263,000	247,000	237,066	232,066

**EXHIBIT C-2**

 Retro Claims Expense Provision (\$s) - Nominal  
 (excludes Actuarial Present Value Adjustments)

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Jurisdiction Desc	<b>Nunavut</b>	
AccountCode Desc	<b>Undiscounted</b>	
	<b>Retro Claims</b>	
	<b>Expense</b>	
AccountCode	(All)	
AccidentYear	(All)	

discount rate: 0.00%

interest rate margin: 0 basis pts

Sum of Amount		Prior Month	Current Month	1st Projected	2nd Projected
Business Segment		ShareYYMM	201805	201806	201807
Business Segment	Acc Year	201804	201805	201806	201807
Private Passenger	prior	1,000	1,000	1,000	1,000
	2009	2,000	2,000	2,000	2,000
	2010	4,000	4,000	4,000	4,000
	2011	5,000	5,000	5,000	5,000
	2012	6,000	6,000	6,000	6,000
	2013	(12,000)	(12,000)	(12,000)	(12,000)
	2014	(7,000)	(7,000)	(7,000)	(7,000)
	2015	5,000	5,000	5,000	5,000
	2016	1,000	1,000	1,000	1,000
	2017	2,000	2,000	2,000	2,000
	2018	(1,000)	(2,000)	(2,009)	(2,009)
Private Passenger Total		6,000	5,000	4,991	4,991
Non Private Passenger	prior	1,000	1,000	1,000	1,000
	2009	1,000	1,000	1,000	1,000
	2010	3,000	3,000	3,000	3,000
	2011	4,000	4,000	4,000	4,000
	2012	5,000	5,000	5,000	5,000
	2013	(8,000)	(8,000)	(8,000)	(8,000)
	2014	(5,000)	(5,000)	(5,000)	(5,000)
	2015	5,000	5,000	5,000	5,000
	2016	1,000	1,000	1,000	1,000
	2017	5,000	5,000	5,000	5,000
	2018	(6,000)	(8,000)	(9,394)	(11,394)
Non Private Passenger Total		6,000	4,000	2,606	606
Grand Total		12,000	9,000	7,597	5,597

**EXHIBIT C-2**

Retro Claims Expense Provision (\$s) - Nominal  
 (excludes Actuarial Present Value Adjustments)

page 10 of 10

Jurisdiction Desc	(All)	▼
AccountCode Desc	Undiscounted	
	Retro Claims	
	Expense	▼
AccountCode	(All)	▼
AccidentYear	(All)	▼

discount rate: 0.00%

interest rate margin: 0 basis pts

Sum of Amount			Prior Month	Current Month	1st Projected	2nd Projected	
Business Segment	▼	Acc Year	▼	ShareYYMM	▼		
				201804	201805	201806	201807
Private Passenger	prior			5,006,000	4,859,000	4,725,000	4,596,000
	2009			820,000	798,000	777,000	757,000
	2010			957,000	926,000	902,000	879,000
	2011			1,114,000	1,081,000	1,053,000	1,026,000
	2012			1,305,000	1,280,000	1,246,000	1,213,000
	2013			1,266,000	1,227,000	1,194,000	1,161,000
	2014			1,201,000	1,169,000	1,138,000	1,108,000
	2015			1,166,000	1,193,000	1,164,000	1,136,000
	2016			1,271,000	1,278,000	1,250,000	1,222,000
	2017			970,000	1,010,000	982,000	955,000
	2018			249,000	336,000	399,718	471,718
Private Passenger Total				15,325,000	15,157,000	14,830,718	14,524,718
Non Private Passenger	prior			2,019,000	1,941,000	1,909,000	1,878,000
	2009			659,000	646,000	637,000	628,000
	2010			817,000	684,000	672,000	660,000
	2011			1,048,000	1,000,000	984,000	968,000
	2012			1,299,000	1,255,000	1,234,000	1,213,000
	2013			1,656,000	1,639,000	1,609,000	1,580,000
	2014			1,742,000	1,695,000	1,665,000	1,636,000
	2015			1,716,000	1,743,000	1,713,000	1,683,000
	2016			1,821,000	1,808,000	1,778,000	1,750,000
	2017			1,623,000	1,701,000	1,668,000	1,636,000
	2018			304,000	403,000	478,955	577,955
Non Private Passenger Total				14,704,000	14,515,000	14,347,955	14,209,955
Grand Total				30,029,000	29,672,000	29,178,673	28,734,673

**EXHIBIT D**
**Future Expected Cost Ratios - Member Statements (includes Actuarial Present Value Adjustments)**

Sum of MS Cost Ratio			Prior Month	Current Month	1st Projected	2nd Projected
Business Segment	Jurisdiction Desc	ShareYMM	201804	201805	201806	201807
Private Passenger	Newfoundland & Labrador		88.5%	88.4%	88.3%	88.4%
	New Brunswick		77.8%	78.9%	78.4%	78.0%
	Nova Scotia		89.9%	89.5%	89.5%	89.8%
	Prince Edward Island		61.0%	62.4%	62.9%	63.3%
	Ontario		71.8%	72.1%	72.2%	72.4%
	Alberta		67.7%	69.8%	69.5%	69.3%
	Yukon		75.7%	77.1%	75.9%	76.8%
	Northwest Territories		60.8%	63.7%	63.5%	63.1%
	Nunavut		38.5%	40.4%	40.6%	39.7%
Non Private Passenger	Newfoundland & Labrador		93.0%	87.0%	85.8%	85.4%
	New Brunswick		69.0%	70.9%	70.2%	70.2%
	Nova Scotia		76.6%	76.8%	76.0%	76.2%
	Prince Edward Island		70.1%	118.6%	113.5%	108.7%
	Ontario		69.7%	68.8%	68.1%	68.2%
	Alberta		68.9%	67.4%	67.1%	67.1%
	Yukon		68.2%	66.0%	65.5%	65.5%
	Northwest Territories		57.5%	58.0%	57.1%	56.8%
	Nunavut		56.1%	53.5%	52.6%	53.7%
Grand Total			73.9%	73.5%	73.1%	73.1%

**Future Expected Cost Ratios - Nominal (excludes Actuarial Present Value Adjustments)**

Sum of Future Cost Ratio		Prior Month	Current Month	1st Projected	2nd Projected	
Business Segment	Jurisdiction Desc	ShareYMM	201804	201805	201806	201807
Private Passenger	Newfoundland & Labrador		84.2%	84.4%	84.4%	84.5%
	New Brunswick		73.8%	75.2%	74.7%	74.4%
	Nova Scotia		84.9%	84.8%	84.9%	85.2%
	Prince Edward Island		57.6%	59.2%	59.6%	59.7%
	Ontario		67.6%	68.2%	68.3%	68.5%
	Alberta		64.7%	67.0%	66.8%	66.6%
	Yukon		72.3%	73.5%	72.9%	73.5%
	Northwest Territories		57.7%	60.8%	60.7%	60.5%
	Nunavut		37.3%	39.4%	39.1%	38.9%
Non Private Passenger	Newfoundland & Labrador		88.3%	83.0%	82.5%	82.1%
	New Brunswick		65.6%	67.7%	67.7%	67.7%
	Nova Scotia		72.3%	72.7%	72.8%	72.9%
	Prince Edward Island		66.1%	111.2%	107.3%	102.7%
	Ontario		65.4%	64.8%	64.9%	65.0%
	Alberta		65.7%	64.5%	64.4%	64.4%
	Yukon		65.0%	63.1%	63.1%	63.2%
	Northwest Territories		55.3%	55.4%	55.1%	55.0%
	Nunavut		53.3%	51.3%	50.7%	51.7%
Grand Total			70.0%	69.9%	69.9%	69.8%

**EXHIBIT E**
**Discount Rate & Margins for Adverse Deviations**

The tables below present selected margins for adverse development by coverage (the total is a weighted average, based on the unpaid claims projection for December 31, 2018 from the valuation), followed by the selected discount rate and the associated margin for investment income.

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**NEWFOUNDLAND AND LABRADOR**

	Private Passenger				Non-Private Passenger			
	Selected Margins for Adverse Development				Selected Margins for Adverse Development			
Accident Year	Third Party Liability	Accident Benefits	Other Coverages	TOTAL	Third Party Liability	Accident Benefits	Other Coverages	TOTAL
1996	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
1997	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
1998	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
1999	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2000	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2001	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2002	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2003	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2004	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2005	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2006	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2007	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2008	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2009	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2010	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2011	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2012	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2013	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2014	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2015	10.0%	10.0%	5.0%	9.9%	10.0%	10.0%	5.0%	10.0%
2016	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2017	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	9.9%
2018	10.0%	10.0%	5.0%	9.9%	10.0%	10.0%	5.0%	10.0%
2019	10.0%	10.0%	5.0%	9.9%	10.0%	10.0%	5.0%	10.0%
prem liab	10.0%	10.0%	5.0%	8.9%	10.0%	10.0%	5.0%	9.3%
	discount rate:			1.95%	discount rate:			1.95%
	margin (basis points):			25	margin (basis points):			25

**EXHIBIT E**
**Discount Rate & Margins for Adverse Deviations**

The tables below present selected margins for adverse development by coverage (the total is a weighted average, based on the unpaid claims projection for December 31, 2018 from the valuation), followed by the selected discount rate and the associated margin for investment income.

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**NEW BRUNSWICK**

	Private Passenger				Non-Private Passenger				
	Selected Margins for Adverse Development				Selected Margins for Adverse Development				
Accident Year	Third Party Liability	Accident Benefits	Other Coverages	TOTAL	Third Party Liability	Accident Benefits	Other Coverages	TOTAL	
1996	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%	
1997	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%	
1998	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%	
1999	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%	
2000	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%	
2001	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%	
2002	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%	
2003	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%	
2004	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%	
2005	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%	
2006	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%	
2007	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%	
2008	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%	
2009	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%	
2010	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%	
2011	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%	
2012	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%	
2013	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%	
2014	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%	
2015	12.5%	10.0%	5.0%	12.1%	12.5%	10.0%	5.0%	11.2%	
2016	12.5%	10.0%	5.0%	12.2%	12.5%	10.2%	5.0%	11.4%	
2017	12.5%	10.1%	5.0%	11.9%	12.4%	10.1%	5.0%	11.8%	
2018	12.4%	10.1%	5.0%	11.6%	12.2%	10.1%	5.0%	11.1%	
2019	12.4%	10.1%	5.0%	11.6%	12.2%	10.1%	5.0%	11.1%	
prem liab	11.9%	10.0%	5.0%	9.8%	11.6%	10.1%	5.0%	10.3%	
discount rate:				1.95%	discount rate:				1.95%
margin (basis points):				25	margin (basis points):				25

## EXHIBIT E

### Discount Rate & Margins for Adverse Deviations

The tables below present selected margins for adverse development by coverage (the total is a weighted average, based on the unpaid claims projection for December 31, 2018 from the valuation), followed by the selected discount rate and the associated margin for investment income.

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### NOVA SCOTIA

	Private Passenger				Non-Private Passenger			
	Selected Margins for Adverse Development				Selected Margins for Adverse Development			
Accident Year	Third Party Liability	Accident Benefits	Other Coverages	TOTAL	Third Party Liability	Accident Benefits	Other Coverages	TOTAL
1996	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
1997	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
1998	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
1999	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2000	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2001	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2002	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2003	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2004	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2005	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2006	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2007	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2008	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2009	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2010	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2011	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2012	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2013	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2014	12.5%	10.0%	5.0%	12.0%	12.5%	10.0%	5.0%	11.2%
2015	12.5%	10.0%	5.0%	12.3%	12.5%	10.1%	5.0%	11.9%
2016	12.5%	10.1%	5.0%	12.0%	12.5%	10.2%	5.0%	11.6%
2017	12.5%	10.1%	5.0%	12.1%	12.5%	10.1%	5.0%	11.6%
2018	12.4%	10.1%	5.0%	11.6%	12.3%	10.2%	5.0%	11.4%
2019	12.4%	10.1%	5.0%	11.6%	12.3%	10.2%	5.0%	11.4%
prem liab	11.9%	10.0%	5.0%	10.1%	11.5%	10.1%	5.0%	10.5%
	discount rate:		1.95%		discount rate:		1.95%	
	margin (basis points):		25		margin (basis points):		25	

**EXHIBIT E**
**Discount Rate & Margins for Adverse Deviations**

The tables below present selected margins for adverse development by coverage (the total is a weighted average, based on the unpaid claims projection for December 31, 2018 from the valuation), followed by the selected discount rate and the associated margin for investment income.

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**PRINCE EDWARD ISLAND**

	Private Passenger				Non-Private Passenger			
	Selected Margins for Adverse Development				Selected Margins for Adverse Development			
Accident Year	Third Party Liability	Accident Benefits	Other Coverages	TOTAL	Third Party Liability	Accident Benefits	Other Coverages	TOTAL
1996	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
1997	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
1998	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
1999	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2000	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2001	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2002	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2003	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2004	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2005	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2006	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2007	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2008	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2009	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2010	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2011	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2012	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2013	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2014	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2015	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2016	12.5%	10.1%	5.0%	12.4%	12.5%	10.2%	5.0%	12.0%
2017	12.5%	10.1%	5.0%	12.1%	12.5%	10.1%	5.0%	10.5%
2018	12.2%	10.2%	5.0%	12.0%	12.4%	10.2%	5.0%	12.1%
2019	12.2%	10.2%	5.0%	12.0%	12.4%	10.2%	5.0%	12.1%
prem liab	11.7%	10.0%	5.0%	10.2%	11.9%	10.2%	5.0%	10.5%
	discount rate:			1.95%	discount rate:			1.95%
	margin (basis points):			25	margin (basis points):			25



**EXHIBIT E**
**Discount Rate & Margins for Adverse Deviations**

The tables below present selected margins for adverse development by coverage (the total is a weighted average, based on the unpaid claims projection for December 31, 2018 from the valuation), followed by the selected discount rate and the associated margin for investment income.

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**ONTARIO**

	Private Passenger				Non-Private Passenger			
	Selected Margins for Adverse Development				Selected Margins for Adverse Development			
Accident Year	Third Party Liability	Accident Benefits	Other Coverages	TOTAL	Third Party Liability	Accident Benefits	Other Coverages	TOTAL
1996	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%
1997	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%
1998	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%
1999	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%
2000	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%
2001	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%
2002	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%
2003	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%
2004	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%
2005	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%
2006	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%
2007	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%
2008	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%
2009	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%
2010	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%
2011	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%
2012	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%
2013	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%	9.4%	10.0%
2014	12.5%	12.5%	12.5%	12.5%	12.5%	12.5%	12.4%	12.5%
2015	12.5%	12.5%	10.3%	12.4%	12.4%	12.5%	12.5%	12.4%
2016	15.0%	15.0%	8.6%	14.9%	15.0%	15.0%	13.9%	15.0%
2017	14.9%	15.0%	11.0%	14.9%	14.9%	15.0%	10.5%	14.9%
2018	14.3%	15.0%	6.9%	14.3%	13.6%	15.0%	7.2%	13.8%
2019	14.3%	15.0%	6.9%	14.3%	13.6%	15.0%	7.2%	13.8%
prem liab	11.0%	15.0%	5.2%	10.9%	12.8%	15.0%	5.7%	12.9%
	discount rate: 1.95%				discount rate: 1.95%			
	margin (basis points): 25				margin (basis points): 25			

## EXHIBIT E

### Discount Rate & Margins for Adverse Deviations

The tables below present selected margins for adverse development by coverage (the total is a weighted average, based on the unpaid claims projection for December 31, 2018 from the valuation), followed by the selected discount rate and the associated margin for investment income.

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### ALBERTA

	Private Passenger				Non-Private Passenger				
	Selected Margins for Adverse Development				Selected Margins for Adverse Development				
Accident Year	Third Party Liability	Accident Benefits	Other Coverages	TOTAL	Third Party Liability	Accident Benefits	Other Coverages	TOTAL	
1996	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%	
1997	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%	
1998	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%	
1999	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%	
2000	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%	
2001	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%	
2002	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%	
2003	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%	
2004	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%	
2005	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%	
2006	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%	
2007	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%	
2008	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%	
2009	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%	
2010	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%	
2011	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%	
2012	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%	
2013	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%	
2014	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%	
2015	12.5%	11.7%	5.0%	12.5%	12.5%	10.6%	5.0%	12.5%	
2016	12.5%	10.7%	5.0%	12.5%	12.4%	10.3%	5.0%	12.3%	
2017	12.5%	10.4%	5.0%	12.3%	12.3%	10.4%	5.0%	12.3%	
2018	12.2%	10.2%	5.0%	11.7%	12.0%	10.4%	5.0%	11.1%	
2019	12.2%	10.2%	5.0%	11.7%	12.0%	10.4%	5.0%	11.1%	
prem liab	12.0%	10.1%	5.0%	10.4%	11.5%	10.2%	5.0%	9.0%	
discount rate:				1.95%	discount rate:				1.95%
margin (basis points):				25	margin (basis points):				25

**EXHIBIT E**
**Discount Rate & Margins for Adverse Deviations**

The tables below present selected margins for adverse development by coverage (the total is a weighted average, based on the unpaid claims projection for December 31, 2018 from the valuation), followed by the selected discount rate and the associated margin for investment income.

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**YUKON**

	Private Passenger				Non-Private Passenger			
	Selected Margins for Adverse Development				Selected Margins for Adverse Development			
Accident Year	Third Party Liability	Accident Benefits	Other Coverages	TOTAL	Third Party Liability	Accident Benefits	Other Coverages	TOTAL
1996	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
1997	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
1998	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
1999	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2000	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2001	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2002	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2003	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2004	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2005	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2006	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2007	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2008	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2009	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2010	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2011	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2012	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2013	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2014	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2015	12.5%	10.0%	5.0%	12.5%	12.5%	12.5%	5.0%	12.5%
2016	12.5%	11.4%	5.0%	12.5%	12.5%	11.7%	5.0%	12.3%
2017	12.5%	11.3%	5.0%	12.2%	12.3%	11.4%	5.0%	12.3%
2018	12.2%	10.7%	5.0%	12.1%	11.6%	11.3%	5.0%	11.1%
2019	12.2%	10.7%	5.0%	12.1%	11.6%	11.3%	5.0%	11.1%
prem liab	12.1%	10.6%	5.0%	10.9%	11.8%	10.7%	5.0%	9.6%
	discount rate:		1.95%		discount rate:		1.95%	
	margin (basis points):		25		margin (basis points):		25	

**EXHIBIT E**
**Discount Rate & Margins for Adverse Deviations**

The tables below present selected margins for adverse development by coverage (the total is a weighted average, based on the unpaid claims projection for December 31, 2018 from the valuation), followed by the selected discount rate and the associated margin for investment income.

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**NORTHWEST TERRITORIES**

	Private Passenger				Non-Private Passenger			
	Selected Margins for Adverse Development				Selected Margins for Adverse Development			
Accident Year	Third Party Liability	Accident Benefits	Other Coverages	TOTAL	Third Party Liability	Accident Benefits	Other Coverages	TOTAL
1996	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
1997	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
1998	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
1999	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2000	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2001	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2002	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2003	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2004	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2005	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2006	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2007	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2008	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2009	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2010	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2011	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2012	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2013	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2014	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2015	12.5%	12.5%	5.0%	12.5%	12.5%	10.5%	5.0%	12.3%
2016	12.4%	12.3%	5.0%	12.3%	12.5%	11.5%	5.0%	12.0%
2017	12.4%	11.9%	5.0%	12.4%	12.5%	11.5%	5.0%	12.4%
2018	12.0%	11.3%	5.0%	11.5%	12.3%	11.3%	5.0%	11.8%
2019	12.0%	11.3%	5.0%	11.5%	12.3%	11.3%	5.0%	11.8%
prem liab	11.8%	11.0%	5.0%	9.0%	12.1%	11.1%	5.0%	10.1%
	discount rate:		1.95%		discount rate:		1.95%	
	margin (basis points):		25		margin (basis points):		25	

## EXHIBIT E

### Discount Rate & Margins for Adverse Deviations

The tables below present selected margins for adverse development by coverage (the total is a weighted average, based on the unpaid claims projection for December 31, 2018 from the valuation), followed by the selected discount rate and the associated margin for investment income.

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### NUNAVUT

	Private Passenger				Non-Private Passenger			
	Selected Margins for Adverse Development				Selected Margins for Adverse Development			
Accident Year	Third Party Liability	Accident Benefits	Other Coverages	TOTAL	Third Party Liability	Accident Benefits	Other Coverages	TOTAL
1999	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2000	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2001	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2002	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2003	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2004	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2005	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2006	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2007	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2008	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2009	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2010	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2011	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2012	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2013	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2014	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2015	12.5%	12.5%	5.0%	12.5%	12.5%	10.9%	5.0%	12.4%
2016	12.2%	11.6%	5.0%	11.3%	12.5%	11.3%	5.0%	12.4%
2017	12.3%	11.8%	5.0%	10.9%	12.3%	11.5%	5.0%	12.4%
2018	12.1%	11.2%	5.0%	11.8%	12.2%	11.3%	5.0%	11.9%
2019	12.1%	11.2%	5.0%	11.8%	12.2%	11.3%	5.0%	11.9%
prem liab	11.5%	11.3%	5.0%	9.8%	12.1%	11.0%	5.0%	10.9%
				discount rate:	1.95%			
				margin (basis points):	25			
						discount rate:	1.95%	
						margin (basis points):	25	

**EXHIBIT F**
**Interest Rate Sensitivity (\$000s)**

Indemnity claims liabilities as projected from the latest valuation to December 31, 2018.

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**NEWFOUNDLAND AND LABRADOR**

Amounts in \$000s

AY	Actuarial Present Value of Provisions at Various Discount Rates - Dec. 31, 2018 projected Unpaid							
	0.95%	1.45%	1.95%	2.45%	2.95%	3.45%	1.79%	1.81%
2003 & prior	-	-	-	-	-	-	-	-
2004	-	-	-	-	-	-	-	-
2005	-	-	-	-	-	-	-	-
2006	-	-	-	-	-	-	-	-
2007	30	29	28	27	26	25	28	28
2008	204	197	190	184	178	172	192	192
2009	88	85	82	79	76	73	83	83
2010	22	21	20	19	18	18	20	20
2011	571	554	538	523	509	495	543	542
2012	1,810	1,765	1,723	1,684	1,647	1,610	1,737	1,734
2013	1,747	1,717	1,688	1,661	1,635	1,612	1,697	1,696
2014	3,627	3,581	3,537	3,495	3,455	3,416	3,550	3,549
2015	6,065	6,000	5,938	5,878	5,820	5,764	5,957	5,954
2016	9,141	9,044	8,949	8,858	8,769	8,684	8,979	8,975
2017	10,767	10,648	10,534	10,421	10,314	10,208	10,570	10,566
2018	16,614	16,411	16,215	16,024	15,840	15,658	16,277	16,268
Total	50,686	50,052	49,442	48,853	48,287	47,735	49,633	49,607
	curr - 100 bp	curr - 50 bp	curr val assumption	curr + 50bp	curr + 100bp	curr + 150bp	prior val assumption	prior fyr end assumption

Amounts in

AY	Dollar Impact Relative to Valuation Assumption							
	0.95%	1.45%	1.95%	2.45%	2.95%	3.45%	1.79%	1.81%
Total	1,244	610	-	(589)	(1,155)	(1,707)	191	165
	curr - 100 bp	curr - 50 bp	curr val assumption	curr + 50bp	curr + 100bp	curr + 150bp	prior val assumption	prior fyr end assumption

Amounts in

AY	Percentage Impact Relative to Valuation Assumption							
	0.95%	1.45%	1.95%	2.45%	2.95%	3.45%	1.79%	1.81%
2003 & prior	-	-	-	-	-	-	-	-
2004	-	-	-	-	-	-	-	-
2005	-	-	-	-	-	-	-	-
2006	-	-	-	-	-	-	-	-
2007	7.1%	3.6%	-	(3.6%)	(7.1%)	(10.7%)	-	-
2008	7.4%	3.7%	-	(3.2%)	(6.3%)	(9.5%)	1.1%	1.1%
2009	7.3%	3.7%	-	(3.7%)	(7.3%)	(11.0%)	1.2%	1.2%
2010	10.0%	5.0%	-	(5.0%)	(10.0%)	(10.0%)	-	-
2011	6.1%	3.0%	-	(2.8%)	(5.4%)	(8.0%)	0.9%	0.7%
2012	5.0%	2.4%	-	(2.3%)	(4.4%)	(6.6%)	0.8%	0.6%
2013	3.5%	1.7%	-	(1.6%)	(3.1%)	(4.5%)	0.5%	0.5%
2014	2.5%	1.2%	-	(1.2%)	(2.3%)	(3.4%)	0.4%	0.3%
2015	2.1%	1.0%	-	(1.0%)	(2.0%)	(2.9%)	0.3%	0.3%
2016	2.1%	1.1%	-	(1.0%)	(2.0%)	(3.0%)	0.3%	0.3%
2017	2.2%	1.1%	-	(1.1%)	(2.1%)	(3.1%)	0.3%	0.3%
2018	2.5%	1.2%	-	(1.2%)	(2.3%)	(3.4%)	0.4%	0.3%
Total	2.5%	1.2%	-	(1.2%)	(2.3%)	(3.5%)	0.4%	0.3%
	curr - 100 bp	curr - 50 bp	curr val assumption	curr + 50bp	curr + 100bp	curr + 150bp	prior val assumption	prior fyr end assumption

**EXHIBIT F**
**Interest Rate Sensitivity (\$000s)**

Indemnity claims liabilities as projected from the latest valuation to December 31, 2018.

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**NEW BRUNSWICK**

Amounts in \$000s

AY	Actuarial Present Value of Provisions at Various Discount Rates - Dec. 31, 2018 projected Unpaid							
	0.95%	1.45%	1.95%	2.45%	2.95%	3.45%	1.79%	1.81%
2003 & prior	-	-	-	-	-	-	-	-
2004	-	-	-	-	-	-	-	-
2005	1	1	1	1	1	1	1	1
2006	83	82	82	81	80	80	82	82
2007	3	3	3	3	3	3	3	3
2008	44	42	41	41	39	38	42	42
2009	286	282	278	273	269	265	279	279
2010	466	459	453	446	441	435	455	455
2011	524	518	513	508	504	498	515	515
2012	732	724	718	711	704	698	720	720
2013	3,278	3,249	3,223	3,195	3,169	3,143	3,231	3,230
2014	2,382	2,364	2,346	2,328	2,310	2,293	2,351	2,351
2015	5,613	5,563	5,515	5,467	5,420	5,375	5,530	5,528
2016	5,934	5,867	5,801	5,737	5,675	5,614	5,822	5,820
2017	7,226	7,125	7,026	6,930	6,836	6,743	7,058	7,053
2018	9,087	8,948	8,814	8,681	8,554	8,428	8,855	8,850
Total	35,659	35,227	34,814	34,402	34,005	33,614	34,944	34,929
	curr - 100 bp	curr - 50 bp	curr val assumption	curr + 50bp	curr + 100bp	curr + 150bp	prior val assumption	prior fyr end assumption

Amounts in

AY	Dollar Impact Relative to Valuation Assumption							
	0.95%	1.45%	1.95%	2.45%	2.95%	3.45%	1.79%	1.81%
Total	845	413	-	(412)	(809)	(1,200)	130	115
	curr - 100 bp	curr - 50 bp	curr val assumption	curr + 50bp	curr + 100bp	curr + 150bp	prior val assumption	prior fyr end assumption

Amounts in

AY	Percentage Impact Relative to Valuation Assumption							
	0.95%	1.45%	1.95%	2.45%	2.95%	3.45%	1.79%	1.81%
2003 & prior	-	-	-	-	-	-	-	-
2004	-	-	-	-	-	-	-	-
2005	-	-	-	-	-	-	-	-
2006	1.2%	-	-	(1.2%)	(2.4%)	(2.4%)	-	-
2007	-	-	-	-	-	-	-	-
2008	7.3%	2.4%	-	-	(4.9%)	(7.3%)	2.4%	2.4%
2009	2.9%	1.4%	-	(1.8%)	(3.2%)	(4.7%)	0.4%	0.4%
2010	2.9%	1.3%	-	(1.5%)	(2.6%)	(4.0%)	0.4%	0.4%
2011	2.1%	1.0%	-	(1.0%)	(1.8%)	(2.9%)	0.4%	0.4%
2012	1.9%	0.8%	-	(1.0%)	(1.9%)	(2.8%)	0.3%	0.3%
2013	1.7%	0.8%	-	(0.9%)	(1.7%)	(2.5%)	0.2%	0.2%
2014	1.5%	0.8%	-	(0.8%)	(1.5%)	(2.3%)	0.2%	0.2%
2015	1.8%	0.9%	-	(0.9%)	(1.7%)	(2.5%)	0.3%	0.2%
2016	2.3%	1.1%	-	(1.1%)	(2.2%)	(3.2%)	0.4%	0.3%
2017	2.8%	1.4%	-	(1.4%)	(2.7%)	(4.0%)	0.5%	0.4%
2018	3.1%	1.5%	-	(1.5%)	(2.9%)	(4.4%)	0.5%	0.4%
Total	2.4%	1.2%	-	(1.2%)	(2.3%)	(3.4%)	0.4%	0.3%
	curr - 100 bp	curr - 50 bp	curr val assumption	curr + 50bp	curr + 100bp	curr + 150bp	prior val assumption	prior fyr end assumption

**EXHIBIT F**
**Interest Rate Sensitivity (\$000s)**

Indemnity claims liabilities as projected from the latest valuation to December 31, 2018.

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**NOVA SCOTIA**

Amounts in \$000s

AY	Actuarial Present Value of Provisions at Various Discount Rates - Dec. 31, 2018 projected Unpaid							
	0.95%	1.45%	1.95%	2.45%	2.95%	3.45%	1.79%	1.81%
2003 & prior	-	-	-	-	-	-	-	-
2004	15	15	15	14	14	14	15	15
2005	85	83	81	79	77	75	82	81
2006	-	-	-	-	-	-	-	-
2007	79	78	78	77	76	75	78	78
2008	55	53	51	49	48	46	52	51
2009	74	71	69	66	64	62	69	69
2010	76	75	74	74	73	72	75	75
2011	163	160	157	154	152	150	158	157
2012	325	318	311	305	299	294	314	313
2013	2,310	2,277	2,245	2,214	2,185	2,157	2,256	2,254
2014	2,464	2,435	2,407	2,380	2,354	2,328	2,416	2,415
2015	2,158	2,133	2,109	2,086	2,063	2,042	2,116	2,116
2016	4,009	3,962	3,916	3,872	3,829	3,787	3,931	3,929
2017	6,518	6,430	6,347	6,265	6,186	6,109	6,373	6,370
2018	8,310	8,194	8,082	7,972	7,866	7,763	8,117	8,113
Total	26,641	26,284	25,942	25,607	25,286	24,974	26,052	26,036
	curr - 100 bp	curr - 50 bp	curr val assumption	curr + 50bp	curr + 100bp	curr + 150bp	prior val assumption	prior fyr end assumption

Amounts in

AY	Dollar Impact Relative to Valuation Assumption							
	0.95%	1.45%	1.95%	2.45%	2.95%	3.45%	1.79%	1.81%
Total	699	342	-	(335)	(656)	(968)	110	94
	curr - 100 bp	curr - 50 bp	curr val assumption	curr + 50bp	curr + 100bp	curr + 150bp	prior val assumption	prior fyr end assumption

Amounts in

AY	Percentage Impact Relative to Valuation Assumption							
	0.95%	1.45%	1.95%	2.45%	2.95%	3.45%	1.79%	1.81%
2003 & prior	-	-	-	-	-	-	-	-
2004	-	-	-	(6.7%)	(6.7%)	(6.7%)	-	-
2005	4.9%	2.5%	-	(2.5%)	(4.9%)	(7.4%)	1.2%	-
2006	-	-	-	-	-	-	-	-
2007	1.3%	-	-	(1.3%)	(2.6%)	(3.8%)	-	-
2008	7.8%	3.9%	-	(3.9%)	(5.9%)	(9.8%)	2.0%	-
2009	7.2%	2.9%	-	(4.3%)	(7.2%)	(10.1%)	-	-
2010	2.7%	1.4%	-	-	(1.4%)	(2.7%)	1.4%	1.4%
2011	3.8%	1.9%	-	(1.9%)	(3.2%)	(4.5%)	0.6%	-
2012	4.5%	2.3%	-	(1.9%)	(3.9%)	(5.5%)	1.0%	0.6%
2013	2.9%	1.4%	-	(1.4%)	(2.7%)	(3.9%)	0.5%	0.4%
2014	2.4%	1.2%	-	(1.1%)	(2.2%)	(3.3%)	0.4%	0.3%
2015	2.3%	1.1%	-	(1.1%)	(2.2%)	(3.2%)	0.3%	0.3%
2016	2.4%	1.2%	-	(1.1%)	(2.2%)	(3.3%)	0.4%	0.3%
2017	2.7%	1.3%	-	(1.3%)	(2.5%)	(3.7%)	0.4%	0.4%
2018	2.8%	1.4%	-	(1.4%)	(2.7%)	(3.9%)	0.4%	0.4%
Total	2.7%	1.3%	-	(1.3%)	(2.5%)	(3.7%)	0.4%	0.4%
	curr - 100 bp	curr - 50 bp	curr val assumption	curr + 50bp	curr + 100bp	curr + 150bp	prior val assumption	prior fyr end assumption



**EXHIBIT F**
**Interest Rate Sensitivity (\$000s)**

Indemnity claims liabilities as projected from the latest valuation to December 31, 2018.

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**PRINCE EDWARD ISLAND**

Amounts in \$000s

AY	Actuarial Present Value of Provisions at Various Discount Rates - Dec. 31, 2018 projected Unpaid							
	0.95%	1.45%	1.95%	2.45%	2.95%	3.45%	1.79%	1.81%
2003 & prior	-	-	-	-	-	-	-	-
2004	-	-	-	-	-	-	-	-
2005	-	-	-	-	-	-	-	-
2006	-	-	-	-	-	-	-	-
2007	-	-	-	-	-	-	-	-
2008	-	-	-	-	-	-	-	-
2009	-	-	-	-	-	-	-	-
2010	267	257	248	239	231	223	251	250
2011	-	-	-	-	-	-	-	-
2012	-	-	-	-	-	-	-	-
2013	4	4	4	4	4	4	4	4
2014	400	396	392	389	385	381	394	393
2015	1,025	1,015	1,007	998	991	982	1,010	1,009
2016	1,780	1,764	1,748	1,732	1,717	1,702	1,752	1,752
2017	1,503	1,485	1,468	1,450	1,433	1,417	1,473	1,472
2018	2,651	2,626	2,601	2,576	2,552	2,529	2,608	2,608
Total	7,630	7,547	7,468	7,388	7,313	7,238	7,492	7,488
	curr - 100 bp	curr - 50 bp	curr val assumption	curr + 50bp	curr + 100bp	curr + 150bp	prior val assumption	prior fyr end assumption

Amounts in

AY	Dollar Impact Relative to Valuation Assumption							
	0.95%	1.45%	1.95%	2.45%	2.95%	3.45%	1.79%	1.81%
Total	162	79	-	(80)	(155)	(230)	24	20
	curr - 100 bp	curr - 50 bp	curr val assumption	curr + 50bp	curr + 100bp	curr + 150bp	prior val assumption	prior fyr end assumption

Amounts in

AY	Percentage Impact Relative to Valuation Assumption							
	0.95%	1.45%	1.95%	2.45%	2.95%	3.45%	1.79%	1.81%
2003 & prior	-	-	-	-	-	-	-	-
2004	-	-	-	-	-	-	-	-
2005	-	-	-	-	-	-	-	-
2006	-	-	-	-	-	-	-	-
2007	-	-	-	-	-	-	-	-
2008	-	-	-	-	-	-	-	-
2009	-	-	-	-	-	-	-	-
2010	7.7%	3.6%	-	(3.6%)	(6.9%)	(10.1%)	1.2%	0.8%
2011	-	-	-	-	-	-	-	-
2012	-	-	-	-	-	-	-	-
2013	-	-	-	-	-	-	-	-
2014	2.0%	1.0%	-	(0.8%)	(1.8%)	(2.8%)	0.5%	0.3%
2015	1.8%	0.8%	-	(0.9%)	(1.6%)	(2.5%)	0.3%	0.2%
2016	1.8%	0.9%	-	(0.9%)	(1.8%)	(2.6%)	0.2%	0.2%
2017	2.4%	1.2%	-	(1.2%)	(2.4%)	(3.5%)	0.3%	0.3%
2018	1.9%	1.0%	-	(1.0%)	(1.9%)	(2.8%)	0.3%	0.3%
Total	2.2%	1.1%	-	(1.1%)	(2.1%)	(3.1%)	0.3%	0.3%
	curr - 100 bp	curr - 50 bp	curr val assumption	curr + 50bp	curr + 100bp	curr + 150bp	prior val assumption	prior fyr end assumption

## EXHIBIT F

### Interest Rate Sensitivity (\$000s)

Indemnity claims liabilities as projected from the latest valuation to December 31, 2018.

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### ONTARIO

Amounts in \$000s

AY	Actuarial Present Value of Provisions at Various Discount Rates - Dec. 31, 2018 projected Unpaid							
	0.95%	1.45%	1.95%	2.45%	2.95%	3.45%	1.79%	1.81%
2003 & prior	6,017	5,885	5,758	5,635	5,518	5,406	5,798	5,792
2004	1,278	1,231	1,188	1,145	1,106	1,068	1,201	1,200
2005	748	727	708	689	670	653	714	713
2006	561	539	517	497	477	459	524	523
2007	3,339	3,192	3,056	2,925	2,805	2,690	3,097	3,092
2008	724	693	664	636	611	586	673	672
2009	3,065	2,962	2,865	2,772	2,688	2,606	2,894	2,891
2010	1,571	1,518	1,470	1,423	1,380	1,339	1,485	1,482
2011	3,498	3,382	3,273	3,172	3,079	2,991	3,307	3,303
2012	2,476	2,412	2,351	2,295	2,243	2,193	2,370	2,368
2013	6,158	6,044	5,940	5,840	5,747	5,659	5,972	5,968
2014	6,105	6,025	5,950	5,876	5,808	5,742	5,973	5,970
2015	9,801	9,694	9,590	9,490	9,394	9,301	9,622	9,617
2016	11,628	11,488	11,351	11,220	11,094	10,971	11,394	11,389
2017	13,954	13,752	13,558	13,368	13,188	13,009	13,619	13,612
2018	21,874	21,530	21,201	20,878	20,569	20,268	21,304	21,291
Total	92,797	91,074	89,440	87,861	86,377	84,941	89,947	89,883
	curr - 100 bp	curr - 50 bp	curr val assumption	curr + 50bp	curr + 100bp	curr + 150bp	prior val assumption	prior fyr end assumption

Amounts in

AY	Dollar Impact Relative to Valuation Assumption							
	0.95%	1.45%	1.95%	2.45%	2.95%	3.45%	1.79%	1.81%
Total	3,357	1,634	-	(1,579)	(3,063)	(4,499)	507	443
	curr - 100 bp	curr - 50 bp	curr val assumption	curr + 50bp	curr + 100bp	curr + 150bp	prior val assumption	prior fyr end assumption

Amounts in

AY	Percentage Impact Relative to Valuation Assumption							
	0.95%	1.45%	1.95%	2.45%	2.95%	3.45%	1.79%	1.81%
2003 & prior	4.5%	2.2%	-	(2.1%)	(4.2%)	(6.1%)	0.7%	0.6%
2004	7.6%	3.6%	-	(3.6%)	(6.9%)	(10.1%)	1.1%	1.0%
2005	5.6%	2.7%	-	(2.7%)	(5.4%)	(7.8%)	0.8%	0.7%
2006	8.5%	4.3%	-	(3.9%)	(7.7%)	(11.2%)	1.4%	1.2%
2007	9.3%	4.5%	-	(4.3%)	(8.2%)	(12.0%)	1.3%	1.2%
2008	9.0%	4.4%	-	(4.2%)	(8.0%)	(11.7%)	1.4%	1.2%
2009	7.0%	3.4%	-	(3.2%)	(6.2%)	(9.0%)	1.0%	0.9%
2010	6.9%	3.3%	-	(3.2%)	(6.1%)	(8.9%)	1.0%	0.8%
2011	6.9%	3.3%	-	(3.1%)	(5.9%)	(8.6%)	1.0%	0.9%
2012	5.3%	2.6%	-	(2.4%)	(4.6%)	(6.7%)	0.8%	0.7%
2013	3.7%	1.8%	-	(1.7%)	(3.2%)	(4.7%)	0.5%	0.5%
2014	2.6%	1.3%	-	(1.2%)	(2.4%)	(3.5%)	0.4%	0.3%
2015	2.2%	1.1%	-	(1.0%)	(2.0%)	(3.0%)	0.3%	0.3%
2016	2.4%	1.2%	-	(1.2%)	(2.3%)	(3.3%)	0.4%	0.3%
2017	2.9%	1.4%	-	(1.4%)	(2.7%)	(4.0%)	0.4%	0.4%
2018	3.2%	1.6%	-	(1.5%)	(3.0%)	(4.4%)	0.5%	0.4%
Total	3.8%	1.8%	-	(1.8%)	(3.4%)	(5.0%)	0.6%	0.5%
	curr - 100 bp	curr - 50 bp	curr val assumption	curr + 50bp	curr + 100bp	curr + 150bp	prior val assumption	prior fyr end assumption

**EXHIBIT F**
**Interest Rate Sensitivity (\$000s)**

Indemnity claims liabilities as projected from the latest valuation to December 31, 2018.

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**ALBERTA**

Amounts in \$000s

AY	Actuarial Present Value of Provisions at Various Discount Rates - Dec. 31, 2018 projected Unpaid							
	0.95%	1.45%	1.95%	2.45%	2.95%	3.45%	1.79%	1.81%
2003 & prior	89	87	85	83	81	80	86	86
2004	897	874	853	832	812	792	859	859
2005	108	105	102	99	96	94	103	103
2006	4	4	4	4	4	4	4	4
2007	95	93	90	88	86	84	91	91
2008	1,026	992	959	928	899	871	970	968
2009	127	124	120	117	114	111	121	121
2010	53	51	51	50	50	49	51	51
2011	1,986	1,953	1,923	1,895	1,867	1,840	1,933	1,932
2012	1,313	1,294	1,276	1,260	1,243	1,228	1,282	1,282
2013	4,753	4,691	4,631	4,572	4,518	4,464	4,649	4,647
2014	6,344	6,266	6,191	6,117	6,048	5,980	6,214	6,211
2015	11,554	11,412	11,274	11,139	11,010	10,885	11,316	11,311
2016	13,371	13,189	13,013	12,841	12,677	12,516	13,068	13,061
2017	12,221	12,034	11,854	11,679	11,511	11,346	11,912	11,904
2018	20,860	20,565	20,280	20,003	19,737	19,477	20,370	20,359
Total	74,801	73,734	72,706	71,707	70,753	69,821	73,029	72,990
	curr - 100 bp	curr - 50 bp	curr val assumption	curr + 50bp	curr + 100bp	curr + 150bp	prior val assumption	prior fyr end assumption

Amounts in

AY	Dollar Impact Relative to Valuation Assumption							
	0.95%	1.45%	1.95%	2.45%	2.95%	3.45%	1.79%	1.81%
Total	2,095	1,028	-	(999)	(1,953)	(2,885)	323	284
	curr - 100 bp	curr - 50 bp	curr val assumption	curr + 50bp	curr + 100bp	curr + 150bp	prior val assumption	prior fyr end assumption

Amounts in

AY	Percentage Impact Relative to Valuation Assumption							
	0.95%	1.45%	1.95%	2.45%	2.95%	3.45%	1.79%	1.81%
2003 & prior	4.7%	2.4%	-	(2.4%)	(4.7%)	(5.9%)	1.2%	1.2%
2004	5.2%	2.5%	-	(2.5%)	(4.8%)	(7.2%)	0.7%	0.7%
2005	5.9%	2.9%	-	(2.9%)	(5.9%)	(7.8%)	1.0%	1.0%
2006	-	-	-	-	-	-	-	-
2007	5.6%	3.3%	-	(2.2%)	(4.4%)	(6.7%)	1.1%	1.1%
2008	7.0%	3.4%	-	(3.2%)	(6.3%)	(9.2%)	1.1%	0.9%
2009	5.8%	3.3%	-	(2.5%)	(5.0%)	(7.5%)	0.8%	0.8%
2010	3.9%	-	-	(2.0%)	(2.0%)	(3.9%)	-	-
2011	3.3%	1.6%	-	(1.5%)	(2.9%)	(4.3%)	0.5%	0.5%
2012	2.9%	1.4%	-	(1.3%)	(2.6%)	(3.8%)	0.5%	0.5%
2013	2.6%	1.3%	-	(1.3%)	(2.4%)	(3.6%)	0.4%	0.3%
2014	2.5%	1.2%	-	(1.2%)	(2.3%)	(3.4%)	0.4%	0.3%
2015	2.5%	1.2%	-	(1.2%)	(2.3%)	(3.5%)	0.4%	0.3%
2016	2.8%	1.4%	-	(1.3%)	(2.6%)	(3.8%)	0.4%	0.4%
2017	3.1%	1.5%	-	(1.5%)	(2.9%)	(4.3%)	0.5%	0.4%
2018	2.9%	1.4%	-	(1.4%)	(2.7%)	(4.0%)	0.4%	0.4%
Total	2.9%	1.4%	-	(1.4%)	(2.7%)	(4.0%)	0.4%	0.4%
	curr - 100 bp	curr - 50 bp	curr val assumption	curr + 50bp	curr + 100bp	curr + 150bp	prior val assumption	prior fyr end assumption

## EXHIBIT F

### Interest Rate Sensitivity (\$000s)

Indemnity claims liabilities as projected from the latest valuation to December 31, 2018.

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### YUKON

Amounts in \$000s

AY	Actuarial Present Value of Provisions at Various Discount Rates - Dec. 31, 2018 projected Unpaid							
	0.95%	1.45%	1.95%	2.45%	2.95%	3.45%	1.79%	1.81%
2003 & prior	-	-	-	-	-	-	-	-
2004	-	-	-	-	-	-	-	-
2005	-	-	-	-	-	-	-	-
2006	-	-	-	-	-	-	-	-
2007	-	-	-	-	-	-	-	-
2008	-	-	-	-	-	-	-	-
2009	-	-	-	-	-	-	-	-
2010	57	56	56	55	55	54	56	56
2011	4	4	4	4	4	4	4	4
2012	78	77	76	75	74	73	76	76
2013	23	23	23	22	22	22	23	23
2014	62	61	60	60	58	58	60	60
2015	1,393	1,376	1,361	1,345	1,330	1,315	1,365	1,365
2016	429	423	417	411	407	401	419	419
2017	493	486	478	471	463	457	480	480
2018	681	671	662	652	644	635	665	664
Total	3,220	3,177	3,137	3,095	3,057	3,019	3,148	3,147
	curr - 100 bp	curr - 50 bp	curr val assumption	curr + 50bp	curr + 100bp	curr + 150bp	prior val assumption	prior fyr end assumption

Amounts in

AY	Dollar Impact Relative to Valuation Assumption							
	0.95%	1.45%	1.95%	2.45%	2.95%	3.45%	1.79%	1.81%
Total	83	40	-	(42)	(80)	(118)	11	10
	curr - 100 bp	curr - 50 bp	curr val assumption	curr + 50bp	curr + 100bp	curr + 150bp	prior val assumption	prior fyr end assumption

Amounts in

AY	Percentage Impact Relative to Valuation Assumption							
	0.95%	1.45%	1.95%	2.45%	2.95%	3.45%	1.79%	1.81%
2003 & prior	-	-	-	-	-	-	-	-
2004	-	-	-	-	-	-	-	-
2005	-	-	-	-	-	-	-	-
2006	-	-	-	-	-	-	-	-
2007	-	-	-	-	-	-	-	-
2008	-	-	-	-	-	-	-	-
2009	-	-	-	-	-	-	-	-
2010	1.8%	-	-	(1.8%)	(1.8%)	(3.6%)	-	-
2011	-	-	-	-	-	-	-	-
2012	2.6%	1.3%	-	(1.3%)	(2.6%)	(3.9%)	-	-
2013	-	-	-	(4.3%)	(4.3%)	(4.3%)	-	-
2014	3.3%	1.7%	-	-	(3.3%)	(3.3%)	-	-
2015	2.4%	1.1%	-	(1.2%)	(2.3%)	(3.4%)	0.3%	0.3%
2016	2.9%	1.4%	-	(1.4%)	(2.4%)	(3.8%)	0.5%	0.5%
2017	3.1%	1.7%	-	(1.5%)	(3.1%)	(4.4%)	0.4%	0.4%
2018	2.9%	1.4%	-	(1.5%)	(2.7%)	(4.1%)	0.5%	0.3%
Total	2.6%	1.3%	-	(1.3%)	(2.6%)	(3.8%)	0.4%	0.3%
	curr - 100 bp	curr - 50 bp	curr val assumption	curr + 50bp	curr + 100bp	curr + 150bp	prior val assumption	prior fyr end assumption

**EXHIBIT F**
**Interest Rate Sensitivity (\$000s)**

Indemnity claims liabilities as projected from the latest valuation to December 31, 2018.

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**NORTHWEST TERRITORIES**

Amounts in \$000s

AY	Actuarial Present Value of Provisions at Various Discount Rates - Dec. 31, 2018 projected Unpaid							
	0.95%	1.45%	1.95%	2.45%	2.95%	3.45%	1.79%	1.81%
2003 & prior	-	-	-	-	-	-	-	-
2004	-	-	-	-	-	-	-	-
2005	-	-	-	-	-	-	-	-
2006	-	-	-	-	-	-	-	-
2007	-	-	-	-	-	-	-	-
2008	-	-	-	-	-	-	-	-
2009	1	1	1	1	1	1	1	1
2010	1	1	1	1	1	1	1	1
2011	4	4	4	4	4	4	4	4
2012	13	13	13	13	13	13	13	13
2013	456	449	443	438	432	427	445	445
2014	1,134	1,120	1,105	1,092	1,080	1,068	1,110	1,109
2015	206	203	201	199	196	194	202	202
2016	550	542	534	528	521	514	537	537
2017	1,596	1,571	1,547	1,523	1,501	1,479	1,555	1,554
2018	1,288	1,268	1,249	1,229	1,212	1,194	1,254	1,254
Total	5,249	5,172	5,098	5,028	4,961	4,895	5,122	5,120
	curr - 100 bp	curr - 50 bp	curr val assumption	curr + 50bp	curr + 100bp	curr + 150bp	prior val assumption	prior fyr end assumption

Amounts in

AY	Dollar Impact Relative to Valuation Assumption							
	0.95%	1.45%	1.95%	2.45%	2.95%	3.45%	1.79%	1.81%
Total	151	74	-	(70)	(137)	(203)	24	22
	curr - 100 bp	curr - 50 bp	curr val assumption	curr + 50bp	curr + 100bp	curr + 150bp	prior val assumption	prior fyr end assumption

Amounts in

AY	Percentage Impact Relative to Valuation Assumption							
	0.95%	1.45%	1.95%	2.45%	2.95%	3.45%	1.79%	1.81%
2003 & prior	-	-	-	-	-	-	-	-
2004	-	-	-	-	-	-	-	-
2005	-	-	-	-	-	-	-	-
2006	-	-	-	-	-	-	-	-
2007	-	-	-	-	-	-	-	-
2008	-	-	-	-	-	-	-	-
2009	-	-	-	-	-	-	-	-
2010	-	-	-	-	-	-	-	-
2011	-	-	-	-	-	-	-	-
2012	-	-	-	-	-	-	-	-
2013	2.9%	1.4%	-	(1.1%)	(2.5%)	(3.6%)	0.5%	0.5%
2014	2.6%	1.4%	-	(1.2%)	(2.3%)	(3.3%)	0.5%	0.4%
2015	2.5%	1.0%	-	(1.0%)	(2.5%)	(3.5%)	0.5%	0.5%
2016	3.0%	1.5%	-	(1.1%)	(2.4%)	(3.7%)	0.6%	0.6%
2017	3.2%	1.6%	-	(1.6%)	(3.0%)	(4.4%)	0.5%	0.5%
2018	3.1%	1.5%	-	(1.6%)	(3.0%)	(4.4%)	0.4%	0.4%
Total	3.0%	1.5%	-	(1.4%)	(2.7%)	(4.0%)	0.5%	0.4%
	curr - 100 bp	curr - 50 bp	curr val assumption	curr + 50bp	curr + 100bp	curr + 150bp	prior val assumption	prior fyr end assumption

**EXHIBIT F**
**Interest Rate Sensitivity (\$000s)**

Indemnity claims liabilities as projected from the latest valuation to December 31, 2018.

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**NUNAVUT**

Amounts in \$000s

AY	Actuarial Present Value of Provisions at Various Discount Rates - Dec. 31, 2018 projected Unpaid							
	0.95%	1.45%	1.95%	2.45%	2.95%	3.45%	1.79%	1.81%
2003 & prior	-	-	-	-	-	-	-	-
2004	-	-	-	-	-	-	-	-
2005	-	-	-	-	-	-	-	-
2006	-	-	-	-	-	-	-	-
2007	-	-	-	-	-	-	-	-
2008	-	-	-	-	-	-	-	-
2009	-	-	-	-	-	-	-	-
2010	-	-	-	-	-	-	-	-
2011	-	-	-	-	-	-	-	-
2012	127	126	125	124	123	122	125	125
2013	9	9	9	9	9	9	9	9
2014	19	19	18	18	18	18	18	18
2015	114	113	111	111	109	108	112	112
2016	248	245	241	238	236	233	242	242
2017	282	278	273	269	265	261	275	274
2018	352	346	340	335	329	324	342	342
Total	1,151	1,136	1,117	1,104	1,089	1,075	1,123	1,122
	curr - 100 bp	curr - 50 bp	curr val assumption	curr + 50bp	curr + 100bp	curr + 150bp	prior val assumption	prior fyr end assumption

Amounts in

AY	Dollar Impact Relative to Valuation Assumption							
	0.95%	1.45%	1.95%	2.45%	2.95%	3.45%	1.79%	1.81%
Total	34	19	-	(13)	(28)	(42)	6	5
	curr - 100 bp	curr - 50 bp	curr val assumption	curr + 50bp	curr + 100bp	curr + 150bp	prior val assumption	prior fyr end assumption

Amounts in

AY	Percentage Impact Relative to Valuation Assumption							
	0.95%	1.45%	1.95%	2.45%	2.95%	3.45%	1.79%	1.81%
2003 & prior	-	-	-	-	-	-	-	-
2004	-	-	-	-	-	-	-	-
2005	-	-	-	-	-	-	-	-
2006	-	-	-	-	-	-	-	-
2007	-	-	-	-	-	-	-	-
2008	-	-	-	-	-	-	-	-
2009	-	-	-	-	-	-	-	-
2010	-	-	-	-	-	-	-	-
2011	-	-	-	-	-	-	-	-
2012	1.6%	0.8%	-	(0.8%)	(1.6%)	(2.4%)	-	-
2013	-	-	-	-	-	-	-	-
2014	5.6%	5.6%	-	-	-	-	-	-
2015	2.7%	1.8%	-	-	(1.8%)	(2.7%)	0.9%	0.9%
2016	2.9%	1.7%	-	(1.2%)	(2.1%)	(3.3%)	0.4%	0.4%
2017	3.3%	1.8%	-	(1.5%)	(2.9%)	(4.4%)	0.7%	0.4%
2018	3.5%	1.8%	-	(1.5%)	(3.2%)	(4.7%)	0.6%	0.6%
Total	3.0%	1.7%	-	(1.2%)	(2.5%)	(3.8%)	0.5%	0.4%
	curr - 100 bp	curr - 50 bp	curr val assumption	curr + 50bp	curr + 100bp	curr + 150bp	prior val assumption	prior fyr end assumption

**EXHIBIT F**
**Interest Rate Sensitivity (\$000s)**

Indemnity claims liabilities as projected from the latest valuation to December 31, 2018.

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**ALL JURISDICTIONS COMBINED**

Amounts in \$000s

AY	Actuarial Present Value of Provisions at Various Discount Rates - Dec. 31, 2018 projected Unpaid							
	0.95%	1.45%	1.95%	2.45%	2.95%	3.45%	1.79%	1.81%
2003 & prior	6,106	5,972	5,843	5,718	5,599	5,486	5,884	5,878
2004	2,190	2,120	2,056	1,991	1,932	1,874	2,075	2,074
2005	942	916	892	868	844	823	900	898
2006	648	625	603	582	561	543	610	609
2007	3,546	3,395	3,255	3,120	2,996	2,877	3,297	3,292
2008	2,053	1,977	1,905	1,838	1,775	1,713	1,929	1,925
2009	3,641	3,525	3,415	3,308	3,212	3,118	3,447	3,444
2010	2,513	2,438	2,373	2,307	2,249	2,191	2,394	2,390
2011	6,750	6,575	6,412	6,260	6,119	5,982	6,464	6,457
2012	6,874	6,729	6,593	6,467	6,346	6,231	6,637	6,631
2013	18,738	18,463	18,206	17,955	17,721	17,497	18,286	18,276
2014	22,537	22,267	22,006	21,755	21,516	21,284	22,086	22,076
2015	37,929	37,509	37,106	36,713	36,333	35,966	37,230	37,214
2016	47,090	46,524	45,970	45,437	44,925	44,422	46,144	46,124
2017	54,560	53,809	53,085	52,376	51,697	51,029	53,315	53,285
2018	81,717	80,559	79,444	78,350	77,303	76,276	79,792	79,749
Total	297,834	293,403	289,164	285,045	281,128	277,312	290,490	290,322
	curr - 100 bp	curr - 50 bp	curr val assumption	curr + 50bp	curr + 100bp	curr + 150bp	prior val assumption	prior fyr end assumption

Amounts in

AY	Dollar Impact Relative to Valuation Assumption							
	0.95%	1.45%	1.95%	2.45%	2.95%	3.45%	1.79%	1.81%
Total	8,670	4,239	-	(4,119)	(8,036)	(11,852)	1,326	1,158
	curr - 100 bp	curr - 50 bp	curr val assumption	curr + 50bp	curr + 100bp	curr + 150bp	prior val assumption	prior fyr end assumption

Amounts in

AY	Percentage Impact Relative to Valuation Assumption							
	0.95%	1.45%	1.95%	2.45%	2.95%	3.45%	1.79%	1.81%
2003 & prior	4.5%	2.2%	-	(2.1%)	(4.2%)	(6.1%)	0.7%	0.6%
2004	6.5%	3.1%	-	(3.2%)	(6.0%)	(8.9%)	0.9%	0.9%
2005	5.6%	2.7%	-	(2.7%)	(5.4%)	(7.7%)	0.9%	0.7%
2006	7.5%	3.6%	-	(3.5%)	(7.0%)	(10.0%)	1.2%	1.0%
2007	8.9%	4.3%	-	(4.1%)	(8.0%)	(11.6%)	1.3%	1.1%
2008	7.8%	3.8%	-	(3.5%)	(6.8%)	(10.1%)	1.3%	1.0%
2009	6.6%	3.2%	-	(3.1%)	(5.9%)	(8.7%)	0.9%	0.8%
2010	5.9%	2.7%	-	(2.8%)	(5.2%)	(7.7%)	0.9%	0.7%
2011	5.3%	2.5%	-	(2.4%)	(4.6%)	(6.7%)	0.8%	0.7%
2012	4.3%	2.1%	-	(1.9%)	(3.7%)	(5.5%)	0.7%	0.6%
2013	2.9%	1.4%	-	(1.4%)	(2.7%)	(3.9%)	0.4%	0.4%
2014	2.4%	1.2%	-	(1.1%)	(2.2%)	(3.3%)	0.4%	0.3%
2015	2.2%	1.1%	-	(1.1%)	(2.1%)	(3.1%)	0.3%	0.3%
2016	2.4%	1.2%	-	(1.2%)	(2.3%)	(3.4%)	0.4%	0.3%
2017	2.8%	1.4%	-	(1.3%)	(2.6%)	(3.9%)	0.4%	0.4%
2018	2.9%	1.4%	-	(1.4%)	(2.7%)	(4.0%)	0.4%	0.4%
Total	3.0%	1.5%	-	(1.4%)	(2.8%)	(4.1%)	0.5%	0.4%
	curr - 100 bp	curr - 50 bp	curr val assumption	curr + 50bp	curr + 100bp	curr + 150bp	prior val assumption	prior fyr end assumption

**EXHIBIT G-1**

Components of IBNR (\$s) for Member Sharing - Change During Month  
 (i.e. includes Actuarial Present Value Adjustments)

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ShareDate	201805	
	<b>Newfoundland</b>	
Jurisdiction Desc	<b>&amp; Labrador</b>	
AccountCode Des	<b>IBNR Provisio</b>	
AccountCode	(All)	

M/S IBNR - in \$000s

Business Segment	AccYear	Values				Sum of Total Change	Sum of % Total Change	Sum of Current Month Final Amount
		Sum of Prior Month Actual Amount	Sum of Projected Change	Sum of Change Due to AvsP Variances	Sum of Change Due to Valuation Implementation			
Private								
Passenger	prior	93	(7)	7	(120)	(120)	(129.0%)	(27)
	2009	(1)	-	1	(1)	-	-	(1)
	2010	26	(1)	1	(32)	(32)	(123.1%)	(6)
	2011	138	(10)	10	(137)	(137)	(99.3%)	1
	2012	115	(7)	(63)	(89)	(159)	(138.3%)	(44)
	2013	174	(10)	6	(112)	(116)	(66.7%)	58
	2014	297	(7)	(51)	(19)	(77)	(25.9%)	220
	2015	514	(45)	(112)	145	(12)	(2.3%)	502
	2016	1,150	(67)	34	220	187	16.3%	1,337
	2017	3,247	(48)	(96)	(473)	(617)	(19.0%)	2,630
	2018	1,987	419	(216)	12	215	10.8%	2,202
Private Passenger Total		7,740	217	(479)	(606)	(868)	(11.2%)	6,872
Non Private								
Passenger	prior	3	-	-	-	-	-	3
	2009	3	-	-	-	-	-	3
	2010	48	-	-	(46)	(46)	(95.8%)	2
	2011	5	(1)	1	(13)	(13)	(260.0%)	(8)
	2012	258	(2)	2	(5)	(5)	(1.9%)	253
	2013	126	(2)	(4)	(85)	(91)	(72.2%)	35
	2014	103	(3)	6	(36)	(33)	(32.0%)	70
	2015	(175)	(2)	(101)	306	203	(116.0%)	28
	2016	1,143	(20)	13	(61)	(68)	(5.9%)	1,075
	2017	1,874	(185)	(231)	(243)	(659)	(35.2%)	1,215
	2018	1,070	165	-	(157)	8	0.7%	1,078
Non Private Passenger Total		4,458	(50)	(314)	(340)	(704)	(15.8%)	3,754
Grand Total		12,198	167	(793)	(946)	(1,572)	(12.9%)	10,626



**EXHIBIT G-1**

Components of IBNR (\$s) for Member Sharing - Change During Month  
 (i.e. includes Actuarial Present Value Adjustments)

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 ShareDate 201805  
 Jurisdiction Desc New Brunswick  
 AccountCode Des IBNR Provision  
 AccountCode (All)

M/S IBNR - in \$000s

Business Segment	AccYear	Values				Sum of Total Change	Sum of % Total Change	Sum of Current Month Final Amount
		Sum of Prior Month Actual Amount	Sum of Projected Change	Sum of Change Due to AvsP Variances	Sum of Change Due to Valuation Implementation			
Private								
<input checked="" type="checkbox"/> Passenger	prior	55	(1)	1	-	-	-	55
	2009	27	(1)	1	-	-	-	27
	2010	86	(3)	(11)	(16)	(30)	(34.9%)	56
	2011	231	(5)	25	(63)	(43)	(18.6%)	188
	2012	167	(4)	5	3	4	2.4%	171
	2013	150	(5)	(84)	69	(20)	(13.3%)	130
	2014	349	(3)	12	(47)	(38)	(10.9%)	311
	2015	747	(12)	(149)	104	(57)	(7.6%)	690
	2016	1,293	(12)	(28)	265	225	17.4%	1,518
	2017	3,449	(64)	(109)	262	89	2.6%	3,538
	2018	1,043	320	159	82	561	53.8%	1,604
Private Passenger Total		7,597	210	(178)	659	691	9.1%	8,288
Non Private								
<input checked="" type="checkbox"/> Passenger	prior	6	-	-	-	-	-	6
	2009	-	-	-	(3)	(3)	100.0%	(3)
	2010	(23)	1	(1)	47	47	(204.3%)	24
	2011	44	(3)	3	(1)	(1)	(2.3%)	43
	2012	36	-	-	30	30	83.3%	66
	2013	732	(19)	19	(237)	(237)	(32.4%)	495
	2014	484	(22)	31	(283)	(274)	(56.6%)	210
	2015	424	(16)	10	(25)	(31)	(7.3%)	393
	2016	825	(9)	(27)	27	(9)	(1.1%)	816
	2017	1,467	(15)	(138)	160	7	0.5%	1,474
	2018	712	215	(86)	63	192	27.0%	904
Non Private Passenger Total		4,707	132	(189)	(222)	(279)	(5.9%)	4,428
Grand Total		12,304	342	(367)	437	412	3.3%	12,716

**EXHIBIT G-1**

Components of IBNR (\$s) for Member Sharing - Change During Month  
 (i.e. includes Actuarial Present Value Adjustments)

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 ShareDate 201805  
 Jurisdiction Desc Nova Scotia  
 AccountCode Des IBNR Provisio  
 AccountCode (All)

M/S IBNR - in \$000s

Business Segment	AccYear	Values				Sum of Total Change	Sum of % Total Change	Sum of Current Month Final Amount
		Sum of Prior Month Actual Amount	Sum of Projected Change	Sum of Change Due to AvsP Variances	Sum of Change Due to Valuation Implementation			
Private								
Passenger	prior	117	-	-	(82)	(82)	(70.1%)	35
	2009	16	-	(1)	(4)	(5)	(31.3%)	11
	2010	(55)	1	(1)	17	17	(30.9%)	(38)
	2011	(4)	-	-	-	-	-	(4)
	2012	(9)	(1)	1	(59)	(59)	655.6%	(68)
	2013	46	-	(4)	(19)	(23)	(50.0%)	23
	2014	(73)	(1)	69	109	177	(242.5%)	104
	2015	297	(15)	(13)	(16)	(44)	(14.8%)	253
	2016	910	(10)	37	(21)	6	0.7%	916
	2017	1,598	(48)	35	79	66	4.1%	1,664
	2018	928	204	(102)	(16)	86	9.3%	1,014
Private Passenger Total		3,771	130	21	(12)	139	3.7%	3,910
Non Private								
Passenger	prior	(25)	-	-	36	36	(144.0%)	11
	2009	(5)	-	-	-	-	-	(5)
	2010	(2)	-	-	-	-	-	(2)
	2011	94	(1)	1	(11)	(11)	(11.7%)	83
	2012	53	(1)	(4)	(12)	(17)	(32.1%)	36
	2013	12	(1)	1	4	4	33.3%	16
	2014	(107)	2	(174)	264	92	(86.0%)	(15)
	2015	695	(23)	38	37	52	7.5%	747
	2016	1,190	(52)	63	32	43	3.6%	1,233
	2017	1,276	(28)	101	453	526	41.2%	1,802
	2018	942	192	161	4	357	37.9%	1,299
Non Private Passenger Total		4,123	88	187	807	1,082	26.2%	5,205
Grand Total		7,894	218	208	795	1,221	15.5%	9,115

EXHIBIT G-1

Components of IBNR (\$s) for Member Sharing - Change During Month  
(i.e. includes Actuarial Present Value Adjustments)

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ShareDate 201805  
Prince Edward  
Jurisdiction Desc Island  
AccountCode Des IBNR Provisio  
AccountCode (All)

M/S IBNR - in \$000s

Business Segment	AccYear	Values				Sum of Total Change	Sum of % Total Change	Sum of Current Month Final Amount
		Sum of Prior Month Actual Amount	Sum of Projected Change	Sum of Change Due to AvsP Variances	Sum of Change Due to Valuation Implementation			
Private								
Passenger	prior	(5)	-	-	-	-	-	(5)
	2009	-	-	-	-	-	-	-
	2010	(12)	-	-	(5)	(5)	41.7%	(17)
	2011	(1)	-	-	-	-	-	(1)
	2012	-	-	-	-	-	-	-
	2013	(2)	-	-	-	-	-	(2)
	2014	49	-	-	(10)	(10)	(20.4%)	39
	2015	236	(3)	3	(11)	(11)	(4.7%)	225
	2016	395	(4)	18	(53)	(39)	(9.9%)	356
	2017	454	(4)	10	128	134	29.5%	588
2018	264	42	18	(2)	58	22.0%	322	
Private Passenger Total		1,378	31	49	47	127	9.2%	1,505
Non Private								
Passenger	prior	(1)	-	-	-	-	-	(1)
	2009	-	-	-	-	-	-	-
	2010	-	-	-	-	-	-	-
	2011	1	-	-	-	-	-	1
	2012	54	-	-	(2)	(2)	(3.7%)	52
	2013	-	-	(1)	-	(1)	100.0%	(1)
	2014	75	(1)	10	(9)	-	-	75
	2015	168	(1)	(5)	24	18	10.7%	186
	2016	332	(3)	9	21	27	8.1%	359
	2017	420	(6)	12	316	322	76.7%	742
2018	(739)	39	31	442	512	(69.3%)	(227)	
Non Private Passenger Total		310	28	56	792	876	282.6%	1,186
Grand Total		1,688	59	105	839	1,003	59.4%	2,691

**EXHIBIT G-1**

Components of IBNR (\$s) for Member Sharing - Change During Month  
 (i.e. includes Actuarial Present Value Adjustments)

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 ShareDate 201805  
 Jurisdiction Desc Ontario  
 AccountCode Des IBNR Provisio  
 AccountCode (All)

M/S IBNR - in \$000s

Business Segment	AccYear	Values				Sum of Total Change	Sum of % Total Change	Sum of Current Month Final Amount
		Sum of Prior Month Actual Amount	Sum of Projected Change	Sum of Change Due to AvsP Variances	Sum of Change Due to Valuation Implementation			
Private								
<input checked="" type="checkbox"/> Passenger	prior	4,401	(43)	215	(3,043)	(2,871)	(65.2%)	1,530
	2009	611	(7)	14	(192)	(185)	(30.3%)	426
	2010	371	(4)	(2)	(43)	(49)	(13.2%)	322
	2011	(44)	-	(498)	34	(464)	1,054.5%	(508)
	2012	(290)	3	(7)	73	69	(23.8%)	(221)
	2013	(33)	1	17	34	52	(157.6%)	19
	2014	(72)	(2)	35	51	84	(116.7%)	12
	2015	253	(2)	45	309	352	139.1%	605
	2016	1,667	(73)	(174)	(116)	(363)	(21.8%)	1,304
	2017	2,774	(76)	123	70	117	4.2%	2,891
	2018	1,631	354	(9)	16	361	22.1%	1,992
Private Passenger Total		11,269	151	(241)	(2,807)	(2,897)	(25.7%)	8,372
Non Private								
<input checked="" type="checkbox"/> Passenger	prior	381	(5)	8	(315)	(312)	(81.9%)	69
	2009	117	(2)	2	(49)	(49)	(41.9%)	68
	2010	127	(1)	1	(9)	(9)	(7.1%)	118
	2011	855	(8)	(44)	(121)	(173)	(20.2%)	682
	2012	300	(7)	33	(69)	(43)	(14.3%)	257
	2013	948	(17)	105	(230)	(142)	(15.0%)	806
	2014	1,454	(28)	318	220	510	35.1%	1,964
	2015	2,518	(67)	(489)	(6)	(562)	(22.3%)	1,956
	2016	4,750	(133)	(97)	(165)	(395)	(8.3%)	4,355
	2017	7,445	(214)	86	184	56	0.8%	7,501
	2018	5,090	1,230	299	(166)	1,363	26.8%	6,453
Non Private Passenger Total		23,985	748	222	(726)	244	1.0%	24,229
Grand Total		35,254	899	(19)	(3,533)	(2,653)	(7.5%)	32,601

**EXHIBIT G-1**

Components of IBNR (\$s) for Member Sharing - Change During Month  
 (i.e. includes Actuarial Present Value Adjustments)

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 ShareDate 201805  
 Jurisdiction Desc Alberta  
 AccountCode Des IBNR Provisio  
 AccountCode (All)

M/S IBNR - in \$000s

Business Segment	AccYear	Values				Sum of Total Change	Sum of % Total Change	Sum of Current Month Final Amount
		Sum of Prior Month Actual Amount	Sum of Projected Change	Sum of Change Due to AvsP Variances	Sum of Change Due to Valuation Implementation			
Private								
Passenger	prior	(8)	(1)	5	(3)	1	(12.5%)	(7)
	2009	10	(1)	1	-	-	-	10
	2010	322	(16)	16	(249)	(249)	(77.3%)	73
	2011	249	(12)	12	(28)	(28)	(11.2%)	221
	2012	187	(9)	9	(20)	(20)	(10.7%)	167
	2013	341	(17)	(69)	(50)	(136)	(39.9%)	205
	2014	568	(11)	(56)	156	89	15.7%	657
	2015	1,159	(21)	70	35	84	7.2%	1,243
	2016	1,356	19	(11)	(21)	(13)	(1.0%)	1,343
	2017	1,668	(48)	74	79	105	6.3%	1,773
	2018	162	168	17	81	266	164.2%	428
Private Passenger Total		6,014	51	68	(20)	99	1.6%	6,113
Non Private								
Passenger	prior	40	(1)	16	(18)	(3)	(7.5%)	37
	2009	(115)	1	54	-	55	(47.8%)	(60)
	2010	6	-	-	-	-	-	6
	2011	35	-	(7)	(10)	(17)	(48.6%)	18
	2012	240	(4)	62	(72)	(14)	(5.8%)	226
	2013	324	(3)	(10)	160	147	45.4%	471
	2014	1,291	(20)	(2)	(86)	(108)	(8.4%)	1,183
	2015	2,715	(103)	13	(231)	(321)	(11.8%)	2,394
	2016	4,950	(139)	37	(267)	(369)	(7.5%)	4,581
	2017	6,292	(189)	(61)	89	(161)	(2.6%)	6,131
	2018	4,372	932	(370)	(219)	343	7.8%	4,715
Non Private Passenger Total		20,150	474	(268)	(654)	(448)	(2.2%)	19,702
Grand Total		26,164	525	(200)	(674)	(349)	(1.3%)	25,815

**EXHIBIT G-1**

Components of IBNR (\$s) for Member Sharing - Change During Month  
 (i.e. includes Actuarial Present Value Adjustments)

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 ShareDate 201805  
 Jurisdiction Desc Yukon  
 AccountCode Des IBNR Provisio  
 AccountCode (All)

M/S IBNR - in \$000s

Business Segment	AccYear	Values				Sum of Total Change	Sum of % Total Change	Sum of Current Month Final Amount
		Sum of Prior Month Actual Amount	Sum of Projected Change	Sum of Change Due to AvsP Variances	Sum of Change Due to Valuation Implementation			
Private								
<div><div></div>Passenger</div>	prior	4	-	-	-	-	-	4
	2009	-	-	-	-	-	-	-
	2010	9	1	(1)	(1)	(1)	(11.1%)	8
	2011	9	-	-	(1)	(1)	(11.1%)	8
	2012	16	-	-	(2)	(2)	(12.5%)	14
	2013	30	-	-	(5)	(5)	(16.7%)	25
	2014	56	(2)	2	(6)	(6)	(10.7%)	50
	2015	179	(5)	5	(12)	(12)	(6.7%)	167
	2016	61	(2)	(19)	(8)	(29)	(47.5%)	32
	2017	105	(4)	8	86	90	85.7%	195
	2018	58	14	6	1	21	36.2%	79
Private Passenger Total		527	2	1	52	55	10.4%	582
Non Private								
<div><div></div>Passenger</div>	prior	2	-	-	-	-	-	2
	2009	-	-	-	-	-	-	-
	2010	-	-	-	-	-	-	-
	2011	-	-	-	-	-	-	-
	2012	11	-	-	(2)	(2)	(18.2%)	9
	2013	4	-	-	(2)	(2)	(50.0%)	2
	2014	31	-	-	-	-	-	31
	2015	120	(2)	2	(20)	(20)	(16.7%)	100
	2016	122	(2)	78	19	95	77.9%	217
	2017	317	(4)	39	(62)	(27)	(8.5%)	290
	2018	132	55	(142)	(12)	(99)	(75.0%)	33
Non Private Passenger Total		739	47	(23)	(79)	(55)	(7.4%)	684
Grand Total		1,266	49	(22)	(27)	-	-	1,266

**EXHIBIT G-1**

Components of IBNR (\$s) for Member Sharing - Change During Month  
 (i.e. includes Actuarial Present Value Adjustments)

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ShareDate	201805	
	<b>Northwest</b>	
Jurisdiction Desc	<b>Territories</b>	
AccountCode Des	<b>IBNR Provisio</b>	
AccountCode	(All)	

M/S IBNR - in \$000s

Business Segment	AccYear	Values				Sum of Total Change	Sum of % Total Change	Sum of Current Month Final Amount
		Sum of Prior Month Actual Amount	Sum of Projected Change	Sum of Change Due to AvsP Variances	Sum of Change Due to Valuation Implementation			
Private								
Passenger	prior	(2)	-	-	-	-	-	(2)
	2009	-	-	-	-	-	-	-
	2010	4	-	-	(5)	(5)	(125.0%)	(1)
	2011	8	-	-	(5)	(5)	(62.5%)	3
	2012	46	-	-	(28)	(28)	(60.9%)	18
	2013	45	-	-	(4)	(4)	(8.9%)	41
	2014	194	(1)	1	(86)	(86)	(44.3%)	108
	2015	200	(2)	2	(25)	(25)	(12.5%)	175
	2016	252	(3)	27	(6)	18	7.1%	270
	2017	177	(24)	11	113	100	56.5%	277
	2018	(13)	47	27	42	116	(892.3%)	103
Private Passenger Total		911	17	68	(4)	81	8.9%	992
Non Private								
Passenger	prior	2	-	-	-	-	-	2
	2009	-	-	-	-	-	-	-
	2010	1	-	-	-	-	-	1
	2011	-	-	-	-	-	-	-
	2012	-	-	-	-	-	-	-
	2013	38	1	(1)	(5)	(5)	(13.2%)	33
	2014	61	-	-	(7)	(7)	(11.5%)	54
	2015	71	(1)	1	(8)	(8)	(11.3%)	63
	2016	268	(3)	3	(8)	(8)	(3.0%)	260
	2017	559	(20)	20	(187)	(187)	(33.5%)	372
	2018	99	40	(5)	-	35	35.4%	134
Non Private Passenger Total		1,099	17	18	(215)	(180)	(16.4%)	919
Grand Total		2,010	34	86	(219)	(99)	(4.9%)	1,911

**EXHIBIT G-1**

Components of IBNR (\$s) for Member Sharing - Change During Month  
 (i.e. includes Actuarial Present Value Adjustments)

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 ShareDate 201805  
 Jurisdiction Desc Nunavut  
 AccountCode Des IBNR Provisio  
 AccountCode (All)

M/S IBNR - in \$000s

Business Segment	AccYear	Values				Sum of Total Change	Sum of % Total Change	Sum of Current Month Final Amount
		Sum of Prior Month Actual Amount	Sum of Projected Change	Sum of Change Due to AvsP Variances	Sum of Change Due to Valuation Implementation			
Private								
<div><div></div>Passenger</div>	prior	(1)	-	-	-	-	-	(1)
	2009	-	-	-	-	-	-	-
	2010	-	-	-	-	-	-	-
	2011	-	-	-	-	-	-	-
	2012	14	-	-	-	-	-	14
	2013	10	-	-	(1)	(1)	(10.0%)	9
	2014	16	-	-	(3)	(3)	(18.8%)	13
	2015	50	-	-	-	-	-	50
	2016	84	(1)	1	-	-	-	84
	2017	58	(5)	19	8	22	37.9%	80
	2018	13	2	3	2	7	53.8%	20
Private Passenger Total		244	(4)	23	6	25	10.2%	269
Non Private								
<div><div></div>Passenger</div>	prior	-	-	-	-	-	-	-
	2009	-	-	-	-	-	-	-
	2010	-	-	-	-	-	-	-
	2011	-	-	-	-	-	-	-
	2012	-	-	-	-	-	-	-
	2013	3	-	-	-	-	-	3
	2014	13	-	-	(2)	(2)	(15.4%)	11
	2015	67	(1)	1	(3)	(3)	(4.5%)	64
	2016	121	(1)	1	(8)	(8)	(6.6%)	113
	2017	288	(15)	21	(10)	(4)	(1.4%)	284
	2018	104	21	6	(10)	17	16.3%	121
Non Private Passenger Total		596	4	29	(33)	-	-	596
Grand Total		840	-	52	(27)	25	3.0%	865



**EXHIBIT G-1**

Components of IBNR (\$s) for Member Sharing - Change During Month  
 (i.e. includes Actuarial Present Value Adjustments)

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ShareDate 201805  
 Jurisdiction Desc (All)  
 AccountCode Des IBNR Provisio  
 AccountCode (All)

M/S IBNR - in \$000s

Business Segment	AccYear	Values				Sum of Total Change	Sum of % Total Change	Sum of Current Month Final Amount
		Sum of Prior Month Actual Amount	Sum of Projected Change	Sum of Change Due to AvsP Variances	Sum of Change Due to Valuation Implementation			
Private								
Passenger	prior	4,654	(52)	228	(3,248)	(3,072)	(66.0%)	1,582
	2009	663	(9)	16	(197)	(190)	(28.7%)	473
	2010	751	(22)	2	(334)	(354)	(47.1%)	397
	2011	586	(27)	(451)	(200)	(678)	(115.7%)	(92)
	2012	246	(18)	(55)	(122)	(195)	(79.3%)	51
	2013	761	(31)	(134)	(88)	(253)	(33.2%)	508
	2014	1,384	(27)	12	145	130	9.4%	1,514
	2015	3,635	(105)	(149)	529	275	7.6%	3,910
	2016	7,168	(153)	(115)	260	(8)	(0.1%)	7,160
	2017	13,530	(321)	75	352	106	0.8%	13,636
	2018	6,073	1,570	(97)	218	1,691	27.8%	7,764
Private Passenger Total		39,451	805	(668)	(2,685)	(2,548)	(6.5%)	36,903
Non Private								
Passenger	prior	408	(6)	24	(297)	(279)	(68.4%)	129
	2009	-	(1)	56	(52)	3	100.0%	3
	2010	157	-	-	(8)	(8)	(5.1%)	149
	2011	1,034	(13)	(46)	(156)	(215)	(20.8%)	819
	2012	952	(14)	93	(132)	(53)	(5.6%)	899
	2013	2,187	(41)	109	(395)	(327)	(15.0%)	1,860
	2014	3,405	(72)	189	61	178	5.2%	3,583
	2015	6,603	(216)	(530)	74	(672)	(10.2%)	5,931
	2016	13,701	(362)	80	(410)	(692)	(5.1%)	13,009
	2017	19,938	(676)	(151)	700	(127)	(0.6%)	19,811
	2018	11,782	2,889	(106)	(55)	2,728	23.2%	14,510
Non Private Passenger Total		60,167	1,488	(282)	(670)	536	0.9%	60,703
Grand Total		99,618	2,293	(950)	(3,355)	(2,012)	(2.0%)	97,606

**EXHIBIT G-2**

Components of IBNR (\$s) - Change During Month  
 (i.e. excludes Actuarial Present Value Adjustments)

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ShareDate	201805	
	<b>Newfoundland</b>	
Jurisdiction Desc	& Labrador	
AccountCode Des	<b>Undiscounted</b>	
	<b>IBNR Provisio</b>	
AccountCode	(All)	

IBNR - in \$000s

Business Segment	AccYear	Values				Sum of Total Change	Sum of % Total Change	Sum of Current Month Final Amount
		Sum of Prior Month Actual Amount	Sum of Projected Change	Sum of Change Due to AvsP Variances	Sum of Change Due to Valuation Implementation			
Private								
<div><div></div>Passenger</div>	prior	86	(6)	6	(110)	(110)	(127.9%)	(24)
	2009	1	-	1	-	1	100.0%	2
	2010	28	(2)	2	(33)	(33)	(117.9%)	(5)
	2011	136	(10)	10	(132)	(132)	(97.1%)	4
	2012	71	(5)	(65)	(65)	(135)	(190.1%)	(64)
	2013	99	(7)	3	(95)	(99)	(100.0%)	-
	2014	47	-	(47)	-	(47)	(100.0%)	-
	2015	219	(33)	(109)	153	11	5.0%	230
	2016	695	(49)	44	233	228	32.8%	923
	2017	2,754	(28)	(107)	(423)	(558)	(20.3%)	2,196
	2018	1,768	362	(196)	26	192	10.9%	1,960
Private Passenger Total		5,904	222	(458)	(446)	(682)	(11.6%)	5,222
Non Private								
<div><div></div>Passenger</div>	prior	3	-	-	-	-	-	3
	2009	3	-	-	-	-	-	3
	2010	49	-	-	(47)	(47)	(95.9%)	2
	2011	3	-	-	(5)	(5)	(166.7%)	(2)
	2012	250	(3)	3	-	-	-	250
	2013	80	(1)	(5)	(77)	(83)	(103.8%)	(3)
	2014	67	(1)	7	(32)	(26)	(38.8%)	41
	2015	(352)	4	(97)	295	202	(57.4%)	(150)
	2016	868	(9)	20	(49)	(38)	(4.4%)	830
	2017	1,565	(172)	(233)	(214)	(619)	(39.6%)	946
	2018	968	139	1	(142)	(2)	(0.2%)	966
Non Private Passenger Total		3,504	(43)	(304)	(271)	(618)	(17.6%)	2,886
Grand Total		9,408	179	(762)	(717)	(1,300)	(13.8%)	8,108

**EXHIBIT G-2**

Components of IBNR (\$s) - Change During Month  
 (i.e. excludes Actuarial Present Value Adjustments)

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ShareDate	201805	
Jurisdiction Desc	New Brunswi	
AccountCode Des	Undiscounted	
	IBNR Provisio	
AccountCode	(All)	

IBNR - in \$000s

Business Segment	AccYear	Values				Sum of Total Change	Sum of % Total Change	Sum of Current Month Final Amount
		Sum of Prior Month Actual Amount	Sum of Projected Change	Sum of Change Due to AvsP Variances	Sum of Change Due to Valuation Implementation			
Private								
Passenger	prior	26	-	-	-	-	-	26
	2009	15	-	-	-	-	-	15
	2010	68	(1)	(12)	(13)	(26)	(38.2%)	42
	2011	205	(4)	24	(57)	(37)	(18.0%)	168
	2012	126	(3)	17	-	14	11.1%	140
	2013	41	(1)	(87)	68	(20)	(48.8%)	21
	2014	199	(2)	11	(39)	(30)	(15.1%)	169
	2015	360	(4)	(155)	101	(58)	(16.1%)	302
	2016	898	(9)	(24)	256	223	24.8%	1,121
	2017	3,106	(62)	(110)	265	93	3.0%	3,199
	2018	936	296	155	87	538	57.5%	1,474
Private Passenger Total		5,980	210	(181)	668	697	11.7%	6,677
Non Private								
Passenger	prior	(4)	-	-	-	-	-	(4)
	2009	(4)	-	-	-	-	-	(4)
	2010	(39)	1	(1)	45	45	(115.4%)	6
	2011	22	(1)	1	-	-	-	22
	2012	(3)	-	-	31	31	(1,033.3%)	28
	2013	463	(14)	14	(211)	(211)	(45.6%)	252
	2014	396	(20)	29	(261)	(252)	(63.6%)	144
	2015	285	(14)	8	(16)	(22)	(7.7%)	263
	2016	733	(7)	(28)	31	(4)	(0.5%)	729
	2017	1,327	(13)	(139)	161	9	0.7%	1,336
	2018	649	200	(88)	66	178	27.4%	827
Non Private Passenger Total		3,825	132	(204)	(154)	(226)	(5.9%)	3,599
Grand Total		9,805	342	(385)	514	471	4.8%	10,276

**EXHIBIT G-2**

Components of IBNR (\$s) - Change During Month  
 (i.e. excludes Actuarial Present Value Adjustments)

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ShareDate	201805	
Jurisdiction Desc	Nova Scotia	
AccountCode Des	Undiscounted	
	IBNR Provisio	
AccountCode	(All)	

IBNR - in \$000s

Business Segment	AccYear	Values				Sum of Total Change	Sum of % Total Change	Sum of Current Month Final Amount
		Sum of Prior Month Actual Amount	Sum of Projected Change	Sum of Change Due to AvsP Variances	Sum of Change Due to Valuation Implementation			
Private								
<input checked="" type="checkbox"/> Passenger	prior	107	-	-	(83)	(83)	(77.6%)	24
	2009	19	-	(1)	-	(1)	(5.3%)	18
	2010	(61)	1	(1)	16	16	(26.2%)	(45)
	2011	(12)	-	-	-	-	-	(12)
	2012	(17)	-	-	(54)	(54)	317.6%	(71)
	2013	(33)	-	(4)	(16)	(20)	60.6%	(53)
	2014	(184)	2	67	104	173	(94.0%)	(11)
	2015	235	(14)	(13)	(14)	(41)	(17.4%)	194
	2016	777	(8)	37	(14)	15	1.9%	792
	2017	1,402	(42)	33	85	76	5.4%	1,478
	2018	833	182	(98)	(10)	74	8.9%	907
Private Passenger Total		3,066	121	20	14	155	5.1%	3,221
Non Private								
<input checked="" type="checkbox"/> Passenger	prior	(34)	-	-	45	45	(132.4%)	11
	2009	(6)	-	-	-	-	-	(6)
	2010	(2)	-	-	-	-	-	(2)
	2011	92	(1)	1	(10)	(10)	(10.9%)	82
	2012	48	-	(5)	(10)	(15)	(31.3%)	33
	2013	(59)	1	(1)	10	10	(16.9%)	(49)
	2014	(221)	4	(169)	253	88	(39.8%)	(133)
	2015	558	(22)	45	38	61	10.9%	619
	2016	988	(49)	61	40	52	5.3%	1,040
	2017	999	(20)	99	444	523	52.4%	1,522
	2018	842	169	158	13	340	40.4%	1,182
Non Private Passenger Total		3,205	82	189	823	1,094	34.1%	4,299
Grand Total		6,271	203	209	837	1,249	19.9%	7,520

**EXHIBIT G-2**

Components of IBNR (\$s) - Change During Month  
 (i.e. excludes Actuarial Present Value Adjustments)

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ShareDate	201805	
	Prince Edward	
Jurisdiction Desc	Island	
AccountCode Des	Undiscounted	
	IBNR Provisio	
AccountCode	(All)	

IBNR - in \$000s

		Values						
Business Segment	AccYear	Sum of Prior Month Actual Amount	Sum of Projected Change	Sum of Change Due to AvsP Variances	Sum of Change Due to Valuation Implementation	Sum of Total Change	Sum of % Total Change	Sum of Current Month Final Amount
<b>Private</b>								
Passenger	prior	(5)	-	-	-	-	-	(5)
	2009	-	-	-	-	-	-	-
	2010	(1)	-	-	-	-	-	(1)
	2011	(1)	-	-	-	-	-	(1)
	2012	-	-	-	-	-	-	-
	2013	(2)	-	-	-	-	-	(2)
	2014	26	-	-	(8)	(8)	(30.8%)	18
	2015	162	(2)	2	(6)	(6)	(3.7%)	156
	2016	305	(3)	19	(46)	(30)	(9.8%)	275
	2017	399	(4)	10	121	127	31.8%	526
	2018	240	37	18	(1)	54	22.5%	294
<b>Private Passenger Total</b>		<b>1,123</b>	<b>28</b>	<b>49</b>	<b>60</b>	<b>137</b>	<b>12.2%</b>	<b>1,260</b>
<b>Non Private</b>								
Passenger	prior	(1)	-	-	-	-	-	(1)
	2009	-	-	-	-	-	-	-
	2010	-	-	-	-	-	-	-
	2011	1	-	-	-	-	-	1
	2012	20	-	-	(2)	(2)	(10.0%)	18
	2013	-	-	(1)	-	(1)	100.0%	(1)
	2014	65	(1)	10	(8)	1	1.5%	66
	2015	147	(1)	(5)	24	18	12.2%	165
	2016	236	(2)	9	13	20	8.5%	256
	2017	359	(4)	11	313	320	89.1%	679
	2018	(753)	34	33	405	472	(62.7%)	(281)
<b>Non Private Passenger Total</b>		<b>74</b>	<b>26</b>	<b>57</b>	<b>745</b>	<b>828</b>	<b>1,118.9%</b>	<b>902</b>
<b>Grand Total</b>		<b>1,197</b>	<b>54</b>	<b>106</b>	<b>805</b>	<b>965</b>	<b>80.6%</b>	<b>2,162</b>

**EXHIBIT G-2**

Components of IBNR (\$s) - Change During Month  
 (i.e. excludes Actuarial Present Value Adjustments)

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ShareDate	201805	<input type="button" value="v"/>
Jurisdiction Desc	Ontario	<input type="button" value="v"/>
AccountCode Des	Undiscounted	
	IBNR Provisio	<input type="button" value="v"/>
AccountCode	(All)	<input type="button" value="v"/>

IBNR - in \$000s

Business Segment	AccYear	Values				Sum of Total Change	Sum of % Total Change	Sum of Current Month Final Amount
		Sum of Prior Month Actual Amount	Sum of Projected Change	Sum of Change Due to AvsP Variances	Sum of Change Due to Valuation Implementation			
Private								
<input checked="" type="checkbox"/> Passenger	prior	3,777	(37)	208	(2,427)	(2,256)	(59.7%)	1,521
	2009	599	(6)	14	(98)	(90)	(15.0%)	509
	2010	364	(4)	(2)	-	(6)	(1.6%)	358
	2011	(32)	-	(498)	76	(422)	1,318.8%	(454)
	2012	(273)	3	(8)	127	122	(44.7%)	(151)
	2013	(66)	1	17	46	64	(97.0%)	(2)
	2014	(236)	2	33	69	104	(44.1%)	(132)
	2015	77	(1)	50	296	345	448.1%	422
	2016	1,402	(70)	(171)	(99)	(340)	(24.3%)	1,062
	2017	2,395	(72)	123	80	131	5.5%	2,526
	2018	1,465	315	(12)	30	333	22.7%	1,798
Private Passenger Total		9,472	131	(246)	(1,900)	(2,015)	(21.3%)	7,457
Non Private								
<input checked="" type="checkbox"/> Passenger	prior	334	(3)	6	(297)	(294)	(88.0%)	40
	2009	96	(1)	1	(28)	(28)	(29.2%)	68
	2010	126	(1)	1	-	-	-	126
	2011	831	(8)	(43)	(60)	(111)	(13.4%)	720
	2012	169	(2)	39	(58)	(21)	(12.4%)	148
	2013	591	(6)	128	(139)	(17)	(2.9%)	574
	2014	986	(10)	304	226	520	52.7%	1,506
	2015	1,734	(35)	(507)	32	(510)	(29.4%)	1,224
	2016	3,761	(113)	(88)	(110)	(311)	(8.3%)	3,450
	2017	6,507	(195)	78	208	91	1.4%	6,598
	2018	4,646	1,112	292	(110)	1,294	27.9%	5,940
Non Private Passenger Total		19,781	738	211	(336)	613	3.1%	20,394
Grand Total		29,253	869	(35)	(2,236)	(1,402)	(4.8%)	27,851

**EXHIBIT G-2**

Components of IBNR (\$s) - Change During Month  
 (i.e. excludes Actuarial Present Value Adjustments)

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ShareDate	201805	<input type="button" value="v"/>
Jurisdiction Desc	Alberta	<input type="button" value="v"/>
AccountCode Des	Undiscounted	
	IBNR Provisio	<input type="button" value="v"/>
AccountCode	(All)	<input type="button" value="v"/>

IBNR - in \$000s

Business Segment	AccYear	Values				Sum of Total Change	Sum of % Total Change	Sum of Current Month Final Amount
		Sum of Prior Month Actual Amount	Sum of Projected Change	Sum of Change Due to AvsP Variances	Sum of Change Due to Valuation Implementation			
Private								
<input checked="" type="checkbox"/> Passenger	prior	(34)	-	4	-	4	(11.8%)	(30)
	2009	10	(1)	1	-	-	-	10
	2010	304	(15)	15	(235)	(235)	(77.3%)	69
	2011	139	(7)	7	(17)	(17)	(12.2%)	122
	2012	137	(7)	7	(16)	(16)	(11.7%)	121
	2013	290	(15)	(71)	(45)	(131)	(45.2%)	159
	2014	438	(9)	(58)	155	88	20.1%	526
	2015	943	(19)	98	38	117	12.4%	1,060
	2016	1,171	23	(12)	(9)	2	0.2%	1,173
	2017	1,500	(45)	74	89	118	7.9%	1,618
	2018	114	157	19	81	257	225.4%	371
Private Passenger Total		5,012	62	84	41	187	3.7%	5,199
Non Private								
<input checked="" type="checkbox"/> Passenger	prior	27	(1)	16	-	15	55.6%	42
	2009	(117)	1	54	-	55	(47.0%)	(62)
	2010	6	-	-	-	-	-	6
	2011	10	-	(6)	-	(6)	(60.0%)	4
	2012	166	(2)	61	(59)	-	-	166
	2013	(7)	-	(12)	180	168	(2,400.0%)	161
	2014	992	(10)	32	(61)	(39)	(3.9%)	953
	2015	1,887	(94)	54	(176)	(216)	(11.4%)	1,671
	2016	4,023	(121)	22	(199)	(298)	(7.4%)	3,725
	2017	5,463	(164)	(41)	141	(64)	(1.2%)	5,399
	2018	3,941	834	(350)	(180)	304	7.7%	4,245
Non Private Passenger Total		16,391	443	(170)	(354)	(81)	(0.5%)	16,310
Grand Total		21,403	505	(86)	(313)	106	0.5%	21,509

**EXHIBIT G-2**

Components of IBNR (\$s) - Change During Month  
 (i.e. excludes Actuarial Present Value Adjustments)

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ShareDate	201805	
Jurisdiction Desc	Yukon	
AccountCode Des	Undiscounted	
	IBNR Provisio	
AccountCode	(All)	

IBNR - in \$000s

Business Segment	AccYear	Values				Sum of Total Change	Sum of % Total Change	Sum of Current Month Final Amount
		Sum of Prior Month Actual Amount	Sum of Projected Change	Sum of Change Due to AvsP Variances	Sum of Change Due to Valuation Implementation			
Private								
<input checked="" type="checkbox"/> Passenger	prior	4	-	-	-	-	-	4
	2009	-	-	-	-	-	-	-
	2010	5	-	-	(1)	(1)	(20.0%)	4
	2011	8	-	-	(1)	(1)	(12.5%)	7
	2012	15	-	-	(2)	(2)	(13.3%)	13
	2013	28	-	-	(4)	(4)	(14.3%)	24
	2014	53	(2)	2	(6)	(6)	(11.3%)	47
	2015	92	(4)	4	(8)	(8)	(8.7%)	84
	2016	49	(2)	(19)	(6)	(27)	(55.1%)	22
	2017	93	(4)	8	82	86	92.5%	179
	2018	54	13	6	1	20	37.0%	74
Private Passenger Total		401	1	1	55	57	14.2%	458
Non Private								
<input checked="" type="checkbox"/> Passenger	prior	2	-	-	-	-	-	2
	2009	-	-	-	-	-	-	-
	2010	-	-	-	-	-	-	-
	2011	-	-	-	-	-	-	-
	2012	7	-	-	(1)	(1)	(14.3%)	6
	2013	4	-	-	(2)	(2)	(50.0%)	2
	2014	29	-	-	-	-	-	29
	2015	78	(1)	1	(16)	(16)	(20.5%)	62
	2016	102	(1)	77	19	95	93.1%	197
	2017	293	(3)	38	(57)	(22)	(7.5%)	271
	2018	118	51	(137)	(10)	(96)	(81.4%)	22
Non Private Passenger Total		633	46	(21)	(67)	(42)	(6.6%)	591
Grand Total		1,034	47	(20)	(12)	15	1.5%	1,049



**EXHIBIT G-2**

Components of IBNR (\$s) - Change During Month  
 (i.e. excludes Actuarial Present Value Adjustments)

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ShareDate	201805
Jurisdiction Desc	Northwest Territories
AccountCode Des	Undiscounted
AccountCode	IBNR Provision (All)

IBNR - in \$000s

Business Segment	AccYear	Values				Sum of Total Change	Sum of % Total Change	Sum of Current Month Final Amount
		Sum of Prior Month Actual Amount	Sum of Projected Change	Sum of Change Due to AvsP Variances	Sum of Change Due to Valuation Implementation			
Private								
Passenger	prior	(2)	-	-	-	-	-	(2)
	2009	-	-	-	-	-	-	-
	2010	4	-	-	(5)	(5)	(125.0%)	(1)
	2011	7	-	-	(4)	(4)	(57.1%)	3
	2012	43	-	-	(26)	(26)	(60.5%)	17
	2013	42	-	-	(4)	(4)	(9.5%)	38
	2014	148	(1)	1	(79)	(79)	(53.4%)	69
	2015	185	(2)	2	(23)	(23)	(12.4%)	162
	2016	224	(2)	25	(3)	20	8.9%	244
	2017	142	(23)	12	109	98	69.0%	240
	2018	(34)	42	29	43	114	(335.3%)	80
Private Passenger Total		759	14	69	8	91	12.0%	850
Non Private								
Passenger	prior	2	-	-	-	-	-	2
	2009	-	-	-	-	-	-	-
	2010	1	-	-	-	-	-	1
	2011	-	-	-	-	-	-	-
	2012	-	-	-	-	-	-	-
	2013	11	-	-	(3)	(3)	(27.3%)	8
	2014	21	-	-	(4)	(4)	(19.0%)	17
	2015	66	(1)	1	(7)	(7)	(10.6%)	59
	2016	248	(2)	2	(5)	(5)	(2.0%)	243
	2017	468	(19)	20	(169)	(168)	(35.9%)	300
	2018	90	38	(5)	1	34	37.8%	124
Non Private Passenger Total		907	16	18	(187)	(153)	(16.9%)	754
Grand Total		1,666	30	87	(179)	(62)	(3.7%)	1,604

**EXHIBIT G-2**

Components of IBNR (\$s) - Change During Month  
 (i.e. excludes Actuarial Present Value Adjustments)

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ShareDate	201805	
Jurisdiction Desc	Nunavut	
AccountCode Des	Undiscounted	
	IBNR Provisio	
AccountCode	(All)	

IBNR - in \$000s

Business Segment	AccYear	Values				Sum of Total Change	Sum of % Total Change	Sum of Current Month Final Amount
		Sum of Prior Month Actual Amount	Sum of Projected Change	Sum of Change Due to AvsP Variances	Sum of Change Due to Valuation Implementation			
Private								
<input checked="" type="checkbox"/> Passenger	prior	(1)	-	-	-	-	-	(1)
	2009	-	-	-	-	-	-	-
	2010	-	-	-	-	-	-	-
	2011	-	-	-	-	-	-	-
	2012	3	-	-	-	-	-	3
	2013	9	-	-	(1)	(1)	(11.1%)	8
	2014	15	-	-	(2)	(2)	(13.3%)	13
	2015	46	-	-	-	-	-	46
	2016	79	(1)	1	-	-	-	79
	2017	53	(4)	18	8	22	41.5%	75
	2018	12	2	3	1	6	50.0%	18
Private Passenger Total		216	(3)	22	6	25	11.6%	241
Non Private								
<input checked="" type="checkbox"/> Passenger	prior	-	-	-	-	-	-	-
	2009	-	-	-	-	-	-	-
	2010	-	-	-	-	-	-	-
	2011	-	-	-	-	-	-	-
	2012	-	-	-	-	-	-	-
	2013	3	-	-	-	-	-	3
	2014	13	-	-	(2)	(2)	(15.4%)	11
	2015	61	(1)	1	(3)	(3)	(4.9%)	58
	2016	105	(1)	1	(6)	(6)	(5.7%)	99
	2017	269	(16)	22	(9)	(3)	(1.1%)	266
	2018	98	20	5	(8)	17	17.3%	115
Non Private Passenger Total		549	2	29	(28)	3	0.5%	552
Grand Total		765	(1)	51	(22)	28	3.7%	793

**EXHIBIT G-2**

Components of IBNR (\$s) - Change During Month  
 (i.e. excludes Actuarial Present Value Adjustments)

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ShareDate	201805	
Jurisdiction Desc	(All)	
AccountCode Des	Undiscounted	
	IBNR Provisio	
AccountCode	(All)	

IBNR - in \$000s

		Values						
Business Segment	AccYear	Sum of Prior Month Actual Amount	Sum of Projected Change	Sum of Change Due to AvsP Variances	Sum of Change Due to Valuation Implementation	Sum of Total Change	Sum of % Total Change	Sum of Current Month Final Amount
Private								
Passenger	prior	3,958	(43)	218	(2,620)	(2,445)	(61.8%)	1,513
	2009	644	(7)	15	(98)	(90)	(14.0%)	554
	2010	711	(21)	2	(271)	(290)	(40.8%)	421
	2011	450	(21)	(457)	(135)	(613)	(136.2%)	(163)
	2012	105	(12)	(49)	(36)	(97)	(92.4%)	8
	2013	408	(22)	(142)	(51)	(215)	(52.7%)	193
	2014	506	(10)	9	194	193	38.1%	699
	2015	2,319	(79)	(121)	537	337	14.5%	2,656
	2016	5,600	(121)	(100)	312	91	1.6%	5,691
	2017	11,844	(284)	61	416	193	1.6%	12,037
	2018	5,388	1,406	(76)	258	1,588	29.5%	6,976
Private Passenger Total		31,933	786	(640)	(1,494)	(1,348)	(4.2%)	30,585
Non Private								
Passenger	prior	329	(4)	22	(252)	(234)	(71.1%)	95
	2009	(28)	-	55	(28)	27	(96.4%)	(1)
	2010	141	-	-	(2)	(2)	(1.4%)	139
	2011	959	(10)	(47)	(75)	(132)	(13.8%)	827
	2012	657	(7)	98	(99)	(8)	(1.2%)	649
	2013	1,086	(20)	123	(242)	(139)	(12.8%)	947
	2014	2,348	(38)	213	111	286	12.2%	2,634
	2015	4,464	(165)	(499)	171	(493)	(11.0%)	3,971
	2016	11,064	(305)	76	(266)	(495)	(4.5%)	10,569
	2017	17,250	(606)	(145)	818	67	0.4%	17,317
	2018	10,599	2,597	(91)	35	2,541	24.0%	13,140
Non Private Passenger Total		48,869	1,442	(195)	171	1,418	2.9%	50,287
Grand Total		80,802	2,228	(835)	(1,323)	70	0.1%	80,872

## EXHIBIT H

### Projected Year-end Policy Liabilities

The table below presents the projected policy liabilities as at December 31, 2018, broken down by component. By segment (i.e. private passenger vs non-private passenger) is available upon request.

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### Newfoundland & Labrador

PPV & non-PPV ending 2018	Newfoundland & Labrador - Projected Balances as at Dec. 31, 2018 (\$000s)									
	nominal values				actuarial present value adjustments (apvs)				TOTAL	
	Acc Yr	Case	IBNR	Retro Claims Fee & Expense	Total Unpaid	discount	investment PfAD	development PfAD		Total apvs
prior	(1)	(8)	-	(9)	-	-	-	2	2	(7)
1999	-	5	-	5	-	-	-	-	-	5
2000	-	(3)	-	(3)	-	-	-	-	-	(3)
2001	-	(3)	(6)	(9)	-	-	-	1	1	(8)
2002	-	1	-	1	-	-	-	-	-	1
2003	-	-	1	1	-	-	-	-	-	1
2004	(2)	(9)	-	(11)	-	-	-	1	1	(10)
2005	-	5	23	28	-	-	3	3	3	31
2006	-	4	13	17	-	-	1	1	1	18
2007	28	(4)	-	24	(3)	-	2	(1)	(1)	23
2008	174	(4)	6	176	(23)	3	15	(5)	(5)	171
2009	74	5	75	154	(17)	2	13	(2)	(2)	152
2010	28	(2)	124	150	(16)	2	13	(1)	(1)	149
2011	675	2	94	771	(88)	10	69	(9)	(9)	762
2012	2,034	169	133	2,336	(216)	25	211	20	20	2,356
2013	2,324	(3)	119	2,440	(169)	19	242	92	92	2,532
2014	3,854	34	145	4,033	(202)	24	428	250	250	4,283
2015	5,866	9	281	6,156	(253)	29	642	418	418	6,574
2016	7,782	938	384	9,104	(373)	42	949	618	618	9,722
2017	7,887	2,162	115	10,164	(434)	51	1,097	714	714	10,878
PAYs (sub-total):	30,723	3,298	1,507	35,528	(1,794)	207	3,689	2,102	2,102	37,630
CAY (2018)	10,345	4,545	452	15,342	(717)	92	1,582	957	957	16,299
claims liabilities:	41,068	7,843	1,959	50,870	(2,511)	299	5,271	3,059	3,059	53,929
	Unearned Premium	Premium Deficiency / (DPAC)		Total Provision	discount	investment PfAD	development PfAD	Total apvs		TOTAL*
premium liabilities:	14,981	(1,399)		13,582	(500)	57	964	521		14,006
*Total may not be sum of parts, as apvs apply to future costs within UPR										
policy liabilities:				64,452	(3,011)	356	6,235	3,580		67,935

\*Total may not be sum of parts, as apvs apply to future costs within UPR

## EXHIBIT H

### Projected Year-end Policy Liabilities

The table below presents the projected policy liabilities as at December 31, 2018, broken down by component. By segment (i.e. private passenger vs non-private passenger) is available upon request.

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#### New Brunswick

PPV & non-PPV ending 2018	New Brunswick - Projected Balances as at Dec. 31, 2018 (\$000s)								
	nominal values				actuarial present value adjustments (apvs)				TOTAL
	Case	IBNR	Retro Claims Fee & Expense	Total Unpaid	discount	investment PfAD	development PfAD	Total apvs	
Acc Yr									
prior	-	10	-	10	-	-	2	2	12
1999	-	1	-	1	-	-	-	-	1
2000	-	1	-	1	-	-	-	-	1
2001	-	(1)	-	(1)	-	-	-	-	(1)
2002	(1)	(3)	(1)	(5)	-	-	2	2	(3)
2003	196	1	3	200	-	-	20	20	220
2004	1	7	1	9	-	-	1	1	10
2005	2	1	28	31	-	-	5	5	36
2006	80	(2)	51	129	(4)	-	15	11	140
2007	2	10	13	25	-	-	3	3	28
2008	57	(4)	90	143	(16)	2	14	-	143
2009	310	7	124	441	(28)	4	42	18	459
2010	595	37	152	784	(42)	5	75	38	822
2011	465	144	28	637	(26)	3	61	38	675
2012	860	128	206	1,194	(44)	5	116	77	1,271
2013	4,438	232	439	5,109	(162)	19	519	376	5,485
2014	2,290	189	339	2,818	(84)	8	285	209	3,027
2015	4,810	486	372	5,668	(195)	22	693	520	6,188
2016	3,919	1,360	458	5,737	(239)	30	697	488	6,225
2017	2,680	3,444	253	6,377	(344)	43	796	495	6,872
PAYs (sub-total):	20,704	6,048	2,556	29,308	(1,184)	141	3,346	2,303	31,611
CAY (2018)	3,752	4,731	169	8,652	(510)	64	1,046	600	9,252
claims liabilities:	24,456	10,779	2,725	37,960	(1,694)	205	4,392	2,903	40,863
	Unearned Premium	Premium Deficiency / (DPAC)		Total Provision	discount	investment PfAD	development PfAD	Total apvs	TOTAL*
premium liabilities:	10,606	(1,007)		9,599	(321)	39	594	312	9,599
					*Total may not be sum of parts, as apvs apply to future costs within UPR				
policy liabilities:				47,559	(2,015)	244	4,986	3,215	50,462

\*Total may not be sum of parts, as apvs apply to future costs within UPR

## EXHIBIT H

### Projected Year-end Policy Liabilities

The table below presents the projected policy liabilities as at December 31, 2018, broken down by component. By segment (i.e. private passenger vs non-private passenger) is available upon request.

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#### Nova Scotia

PPV & non-PPV ending 2018		Nova Scotia - Projected Balances as at Dec. 31, 2018 (\$000s)							
		nominal values				actuarial present value adjustments (apvs)			
Acc Yr	Case	IBNR	Retro Claims Fee & Expense	Total Unpaid	discount	investment PfAD	development PfAD	Total apvs	TOTAL
prior	(1)	9	(1)	7	-	-	2	2	9
1999	-	(1)	-	(1)	-	-	-	-	(1)
2000	-	1	-	1	-	-	-	-	1
2001	-	4	-	4	-	-	-	-	4
2002	-	13	11	24	-	-	2	2	26
2003	-	(16)	26	10	-	-	3	3	13
2004	13	7	12	32	(2)	-	3	1	33
2005	74	(2)	72	144	(13)	2	12	1	145
2006	-	10	81	91	-	-	10	10	101
2007	70	(8)	126	188	(8)	1	19	12	200
2008	44	16	137	197	(10)	1	19	10	207
2009	210	11	4	225	(29)	3	21	(5)	220
2010	121	(37)	70	154	(5)	-	16	11	165
2011	136	42	164	342	(20)	3	32	15	357
2012	264	(34)	173	403	(28)	3	37	12	415
2013	2,616	(74)	214	2,756	(152)	19	275	142	2,898
2014	2,834	(53)	288	3,069	(137)	16	362	241	3,310
2015	1,398	701	185	2,284	(102)	13	278	189	2,473
2016	2,313	1,339	103	3,755	(174)	21	464	311	4,066
2017	3,566	2,300	238	6,104	(311)	43	747	479	6,583
PAYs (sub-total):	13,658	4,228	1,903	19,789	(991)	125	2,302	1,436	21,225
CAY (2018)	4,480	3,839	221	8,540	(458)	56	1,025	623	9,163
claims liabilities:	18,138	8,067	2,124	28,329	(1,449)	181	3,327	2,059	30,388
	Unearned Premium	Premium Deficiency / (DPAC)		Total Provision	discount	investment PfAD	development PfAD	Total apvs	TOTAL*
premium liabilities:	9,374	(762)		8,612	(306)	33	625	352	8,811
policy liabilities:				36,941	(1,755)	214	3,952	2,411	39,199

\*Total may not be sum of parts, as apvs apply to future costs within UPR

**EXHIBIT H**
**Projected Year-end Policy Liabilities**

The table below presents the projected policy liabilities as at December 31, 2018, broken down by component. By segment (i.e. private passenger vs non-private passenger) is available upon request.

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**Prince Edward Island**

PPV & non-PPV ending 2018	Prince Edward Island - Projected Balances as at Dec. 31, 2018 (\$000s)								
	nominal values				actuarial present value adjustments (apvs)				
Acc Yr	Case	IBNR	Retro Claims Fee & Expense	Total Unpaid	discount	investment PfAD	development PfAD	Total apvs	TOTAL
prior	-	-	-	-	-	-	-	-	-
1999	-	(1)	-	(1)	-	-	-	-	(1)
2000	-	(1)	-	(1)	-	-	-	-	(1)
2001	-	-	-	-	-	-	-	-	-
2002	-	-	-	-	-	-	-	-	-
2003	-	(2)	-	(2)	-	-	-	-	(2)
2004	-	4	-	4	-	-	-	-	4
2005	-	(4)	-	(4)	-	-	-	-	(4)
2006	-	-	-	-	-	-	-	-	-
2007	-	(1)	-	(1)	-	-	-	-	(1)
2008	-	(1)	17	16	-	-	2	2	18
2009	-	-	24	24	-	-	3	3	27
2010	430	(1)	31	460	(62)	7	40	(15)	445
2011	-	-	40	40	-	-	4	4	44
2012	299	18	44	361	-	-	37	37	398
2013	14	(3)	41	52	(3)	-	5	2	54
2014	393	77	61	531	(21)	2	50	31	562
2015	974	291	41	1,306	(45)	5	140	100	1,406
2016	1,395	415	110	1,920	(67)	8	242	183	2,103
2017	589	1,014	103	1,706	(77)	9	197	129	1,835
PAYs (sub-total):	4,094	1,805	512	6,411	(275)	31	720	476	6,887
CAY (2018)	1,564	784	85	2,433	(92)	11	304	223	2,656
claims liabilities:	5,658	2,589	597	8,844	(367)	42	1,024	699	9,543
	Unearned Premium	Premium Deficiency / (DPAC)		Total Provision	discount	investment PfAD	development PfAD	Total apvs	TOTAL*
premium liabilities:	2,162	(208)		1,954	(45)	5	108	68	1,954
policy liabilities:				10,798	(412)	47	1,132	767	11,497

\*Total may not be sum of parts, as apvs apply to future costs within UPR

## EXHIBIT H

### Projected Year-end Policy Liabilities

The table below presents the projected policy liabilities as at December 31, 2018, broken down by component. By segment (i.e. private passenger vs non-private passenger) is available upon request.

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#### Ontario

PPV & non-PPV ending 2018		Ontario - Projected Balances as at Dec. 31, 2018 (\$000s)							
		nominal values				actuarial present value adjustments (apvs)			
Acc Yr	Case	IBNR	Retro Claims Fee & Expense	Total Unpaid	discount	investment PfAD	development PfAD	Total apvs	TOTAL
prior	5,186	34	(4)	5,216	(209)	25	513	329	5,545
1999	-	1	-	1	-	-	-	-	1
2000	7	5	3	15	-	-	1	1	16
2001	-	-	50	50	-	-	7	7	57
2002	472	-	189	661	(61)	8	61	8	669
2003	1,588	(20)	1,029	2,597	(322)	39	229	(54)	2,543
2004	863	39	1,159	2,061	(279)	34	179	(66)	1,995
2005	323	(16)	277	584	(61)	7	57	3	587
2006	429	17	310	756	(113)	14	65	(34)	722
2007	2,547	408	461	3,416	(545)	62	287	(196)	3,220
2008	379	301	629	1,309	(201)	24	111	(66)	1,243
2009	2,592	286	730	3,608	(452)	51	315	(86)	3,522
2010	1,370	247	906	2,523	(320)	36	221	(63)	2,460
2011	3,266	179	1,148	4,593	(572)	66	402	(104)	4,489
2012	3,009	9	1,261	4,279	(405)	46	389	30	4,309
2013	6,220	318	1,221	7,759	(567)	65	800	298	8,057
2014	6,107	958	1,183	8,248	(428)	50	1,093	715	8,963
2015	7,721	1,245	1,368	10,334	(436)	52	1,316	932	11,266
2016	6,897	2,725	1,155	10,777	(512)	65	1,717	1,270	12,047
2017	4,588	7,394	1,229	13,211	(735)	94	2,055	1,414	14,625
PAYs (sub-total):	53,564	14,130	14,304	81,998	(6,218)	738	9,818	4,338	86,336
CAY (2018)	6,783	17,743	1,383	25,909	(1,555)	181	3,871	2,497	28,406
claims liabilities:	60,347	31,873	15,687	107,907	(7,773)	919	13,689	6,835	114,742
	Unearned Premium	Premium Deficiency / (DPAC)		Total Provision	discount	investment PfAD	development PfAD	Total apvs	TOTAL*
premium liabilities:	33,418	(2,029)		31,389	(1,158)	132	1,966	940	31,389
policy liabilities:				139,296	(8,931)	1,051	15,655	7,775	146,131

\*Total may not be sum of parts, as apvs apply to future costs within UPR



## EXHIBIT H

### Projected Year-end Policy Liabilities

The table below presents the projected policy liabilities as at December 31, 2018, broken down by component. By segment (i.e. private passenger vs non-private passenger) is available upon request.

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#### Alberta

PPV & non-PPV ending 2018	Alberta - Projected Balances as at Dec. 31, 2018 (\$000s)									
	nominal values				actuarial present value adjustments (apvs)					
Acc Yr	Case	IBNR	Retro Claims Fee & Expense	Total Unpaid	discount	investment PfAD	development PfAD	Total apvs	TOTAL	
prior	5	9	(2)	12	-	-	14	14	26	
1999	3	6	1	10	-	-	1	1	11	
2000	(5)	(9)	3	(11)	-	-	1	1	(10)	
2001	9	11	11	31	-	-	3	3	34	
2002	(2)	(7)	21	12	-	-	3	3	15	
2003	52	(14)	35	73	(7)	-	7	-	73	
2004	713	(24)	56	745	(69)	8	72	11	756	
2005	91	11	(52)	50	(8)	1	15	8	58	
2006	(7)	(1)	4	(4)	-	-	4	4	-	
2007	42	4	377	423	(30)	3	38	11	434	
2008	844	13	438	1,295	(161)	19	114	(28)	1,267	
2009	10	(12)	263	261	(28)	4	26	2	263	
2010	22	41	55	118	(8)	-	12	4	122	
2011	2,279	71	276	2,626	(169)	20	246	97	2,723	
2012	1,750	119	301	2,170	(121)	15	205	99	2,269	
2013	5,697	141	421	6,259	(320)	36	594	310	6,569	
2014	4,640	1,132	403	6,175	(296)	35	587	326	6,501	
2015	8,229	1,930	270	10,429	(497)	54	1,354	911	11,340	
2016	9,713	3,062	476	13,251	(685)	79	1,713	1,107	14,358	
2017	6,237	5,760	326	12,323	(722)	86	1,428	792	13,115	
PAYs (sub-total):	40,322	12,243	3,683	56,248	(3,121)	360	6,437	3,676	59,924	
CAY (2018)	10,926	8,023	(219)	18,730	(1,013)	130	2,044	1,161	19,891	
claims liabilities:	51,248	20,266	3,464	74,978	(4,134)	490	8,481	4,837	79,815	
	Unearned Premium	Premium Deficiency / (DPAC)		Total Provision	discount	investment PfAD	development PfAD	Total apvs	TOTAL*	
premium liabilities:	29,090	(2,511)		26,579	(680)	70	1,354	744	26,579	
					*Total may not be sum of parts, as apvs apply to future costs within UPR					
policy liabilities:	101,557				(4,814)	560	9,835	5,581	106,394	

\*Total may not be sum of parts, as apvs apply to future costs within UPR

**EXHIBIT H**
**Projected Year-end Policy Liabilities**

The table below presents the projected policy liabilities as at December 31, 2018, broken down by component. By segment (i.e. private passenger vs non-private passenger) is available upon request.

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**Yukon**

PPV & non-PPV ending 2018	Yukon - Projected Balances as at Dec. 31, 2018 (\$000s)										
	nominal values					actuarial present value adjustments (apvs)					
	Acc Yr	Case	IBNR	Retro Claims Fee & Expense	Total Unpaid	discount	investment PfAD	development PfAD	Total apvs	TOTAL	
prior	-	3	-	3	-	-	-	-	-	3	
1999	-	1	-	1	-	-	-	-	-	1	
2000	-	-	-	-	-	-	-	-	-	-	
2001	-	1	-	1	-	-	-	-	-	1	
2002	-	-	-	-	-	-	-	-	-	-	
2003	-	1	-	1	-	-	-	-	-	1	
2004	-	-	-	-	-	-	-	-	-	-	
2005	-	-	-	-	-	-	-	-	-	-	
2006	-	-	11	11	-	-	1	1	-	12	
2007	-	-	5	5	-	-	-	-	-	5	
2008	-	-	5	5	-	-	-	-	-	5	
2009	-	-	6	6	-	-	-	-	-	6	
2010	72	4	8	84	(3)	-	8	5	-	89	
2011	-	7	10	17	-	-	2	2	-	19	
2012	87	19	13	119	(6)	1	11	6	-	125	
2013	-	26	(14)	12	(1)	-	4	3	-	15	
2014	-	76	14	90	(3)	-	10	7	-	97	
2015	1,281	132	1	1,414	(64)	9	188	133	-	1,547	
2016	191	205	17	413	(21)	3	52	34	-	447	
2017	207	293	8	508	(32)	4	63	35	-	543	
PAYs (sub-total):	1,838	768	84	2,690	(130)	17	339	226	-	2,916	
CAY (2018)	286	365	(13)	638	(35)	5	77	47	-	685	
claims liabilities:	2,124	1,133	71	3,328	(165)	22	416	273	-	3,601	
	Unearned Premium	Premium Deficiency / (DPAC)		Total Provision		discount	investment PfAD	development PfAD	Total apvs	TOTAL*	
premium liabilities:	868	(76)		792	(25)	3	44	22	-	792	
*Total may not be sum of parts, as apvs apply to future costs within UPR											
policy liabilities:				4,120	(190)	25	460	295	-	4,393	

## EXHIBIT H

### Projected Year-end Policy Liabilities

The table below presents the projected policy liabilities as at December 31, 2018, broken down by component. By segment (i.e. private passenger vs non-private passenger) is available upon request.

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### Northwest Territories

PPV & non-PPV ending 2018	Northwest Territories - Projected Balances as at Dec. 31, 2018 (\$000s)								
	nominal values				actuarial present value adjustments (apvs)				TOTAL
	Case	IBNR	Retro Claims Fee & Expense	Total Unpaid	discount	investment PfAD	development PfAD	Total apvs	
prior	-	1	-	1	-	-	-	-	1
1999	-	2	-	2	-	-	-	-	2
2000	-	(1)	-	(1)	-	-	-	-	(1)
2001	-	1	-	1	-	-	-	-	1
2002	-	1	-	1	-	-	-	-	1
2003	-	-	-	-	-	-	-	-	-
2004	-	(2)	-	(2)	-	-	-	-	(2)
2005	-	-	-	-	-	-	-	-	-
2006	-	(2)	-	(2)	-	-	-	-	(2)
2007	-	(3)	9	6	-	-	1	1	7
2008	-	3	13	16	-	-	1	1	17
2009	-	-	17	17	(1)	-	1	-	17
2010	-	-	22	22	(1)	-	3	2	24
2011	-	3	27	30	(1)	-	3	2	32
2012	-	17	32	49	(2)	-	5	3	52
2013	488	46	34	568	(28)	3	55	30	598
2014	1,266	79	50	1,395	(66)	8	143	85	1,480
2015	144	56	22	222	(10)	1	33	24	246
2016	118	459	7	584	(31)	3	71	43	627
2017	1,122	401	37	1,560	(91)	12	198	119	1,679
PAYs (sub-total):	3,138	1,061	270	4,469	(231)	27	514	310	4,779
CAY (2018)	755	530	(63)	1,222	(73)	9	159	95	1,317
claims liabilities:	3,893	1,591	207	5,691	(304)	36	673	405	6,096
	Unearned Premium	Premium Deficiency / (DPAC)		Total Provision	discount	investment PfAD	development PfAD	Total apvs	TOTAL*
premium liabilities:	1,800	(179)		1,621	(41)	5	78	42	1,621
policy liabilities:				7,312	(345)	41	751	447	7,717

\*Total may not be sum of parts, as apvs apply to future costs within UPR

## EXHIBIT H

### Projected Year-end Policy Liabilities

The table below presents the projected policy liabilities as at December 31, 2018, broken down by component. By segment (i.e. private passenger vs non-private passenger) is available upon request.

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#### Nunavut

PPV & non-PPV ending 2018	Nunavut - Projected Balances as at Dec. 31, 2018 (\$000s)								
	nominal values				actuarial present value adjustments (apvs)				TOTAL
	Case	IBNR	Retro Claims Fee & Expense	Total Unpaid	discount	investment PfAD	development PfAD	Total apvs	
Acc Yr									
prior	-	-	-	-	-	-	-	-	-
1999	-	-	-	-	-	-	-	-	-
2000	-	-	-	-	-	-	-	-	-
2001	-	(1)	-	(1)	-	-	-	-	(1)
2002	-	(1)	-	(1)	-	-	-	-	(1)
2003	-	-	-	-	-	-	-	-	-
2004	-	-	-	-	-	-	-	-	-
2005	-	-	-	-	-	-	-	-	-
2006	-	-	-	-	-	-	-	-	-
2007	-	-	-	-	-	-	-	-	-
2008	-	1	2	3	-	-	-	-	3
2009	-	-	3	3	-	-	-	-	3
2010	-	-	7	7	-	-	-	-	7
2011	-	-	9	9	-	-	1	1	10
2012	152	3	11	166	(5)	1	16	12	178
2013	-	11	(20)	(9)	-	-	3	3	(6)
2014	-	24	(12)	12	(2)	-	4	2	14
2015	22	97	10	129	(6)	-	17	11	140
2016	98	164	2	264	(14)	1	32	19	283
2017	(2)	314	7	319	(18)	3	38	23	342
PAYs (sub-total):	270	612	19	901	(45)	5	111	71	972
CAY (2018)	55	247	(23)	279	(18)	2	38	22	301
claims liabilities:	325	859	(4)	1,180	(63)	7	149	93	1,273
	Unearned Premium	Premium Deficiency / (DPAC)		Total Provision	discount	investment PfAD	development PfAD	Total apvs	TOTAL*
premium liabilities:	555	(49)		506	(13)	1	22	10	506
*Total may not be sum of parts, as apvs apply to future costs within UPR									
policy liabilities:				1,686	(76)	8	171	103	1,779

## EXHIBIT H

### Projected Year-end Policy Liabilities

The table below presents the projected policy liabilities as at December 31, 2018, broken down by component. By segment (i.e. private passenger vs non-private passenger) is available upon request.

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### All Jurisdictions

PPV & non-PPV ending 2018	ALL JURISDICTIONS - Projected Balances as at Dec. 31, 2018 (\$000s)								
	nominal values				actuarial present value adjustments (apvs)				
Acc Yr	Case	IBNR	Retro Claims Fee & Expense	Total Unpaid	discount	investment PfAD	development PfAD	Total apvs	TOTAL
prior	5,189	58	(7)	5,240	(209)	25	533	349	5,589
1999	3	14	1	18	-	-	1	1	19
2000	2	(7)	6	1	-	-	2	2	3
2001	9	12	55	76	-	-	11	11	87
2002	469	4	220	693	(61)	8	68	15	708
2003	1,836	(50)	1,094	2,880	(329)	39	259	(31)	2,849
2004	1,588	22	1,228	2,838	(350)	42	256	(52)	2,786
2005	490	(5)	348	833	(82)	10	92	20	853
2006	502	26	470	998	(117)	14	96	(7)	991
2007	2,689	406	991	4,086	(586)	66	350	(170)	3,916
2008	1,498	325	1,337	3,160	(411)	49	276	(86)	3,074
2009	3,196	297	1,246	4,739	(555)	64	421	(70)	4,669
2010	2,638	289	1,375	4,302	(457)	50	388	(19)	4,283
2011	6,821	448	1,796	9,065	(876)	102	820	46	9,111
2012	8,455	448	2,174	11,077	(827)	96	1,027	296	11,373
2013	21,797	694	2,455	24,946	(1,402)	161	2,497	1,256	26,202
2014	21,384	2,516	2,471	26,371	(1,239)	143	2,962	1,866	28,237
2015	30,445	4,947	2,550	37,942	(1,608)	185	4,661	3,238	41,180
2016	32,426	10,667	2,712	45,805	(2,116)	252	5,937	4,073	49,878
2017	26,874	23,082	2,316	52,272	(2,764)	345	6,619	4,200	56,472
PAYs (sub-total):	168,311	44,193	24,838	237,342	(13,989)	1,651	27,276	14,938	252,280
CAY (2018)	38,946	40,807	1,992	81,745	(4,471)	550	10,146	6,225	87,970
claims liabilities:	207,257	85,000	26,830	319,087	(18,460)	2,201	37,422	21,163	340,250
	Unearned Premium	Premium Deficiency / (DPAC)		Total Provision	discount	investment PfAD	development PfAD	Total apvs	TOTAL*
premium liabilities:	102,854	(8,220)		94,634	(3,089)	345	5,755	3,011	95,257
					*Total may not be sum of parts, as apvs apply to future costs within UPR				
policy liabilities:	413,721				(21,549)	2,546	43,177	24,174	435,507

\*Total may not be sum of parts, as apvs apply to future costs within UPR