



FACILITY ASSOCIATION RESIDUAL MARKET

MAY 2019 PARTICIPATION REPORT

ACTUARIAL HIGHLIGHTS

Related Bulletin: [F19-056 FARM May 2019 Participation Report](#)

Related Operating Results: [Summary of Operations – Calendar Year Results](#)

For your convenience, bookmarks have been added to this document. To view them, please click on the BOOKMARK tab at the left.

Should you require any further information, please call Shawn Doherty, Senior Vice President Actuarial & CFO at (416) 644-4968.

ACTUARIAL HIGHLIGHTS**RESIDUAL MARKET****PARTICIPATION REPORT****MAY 2019**

TABLE OF CONTENTS

1	Summary.....	2
1.1	Valuation Schedule (Fiscal Year 2019)	2
1.2	New Valuation	3
1.2.a	Valuation Results.....	3
1.2.b	Valuation Implementation	5
1.3	Appointed Actuary and Hybrid Actuarial Services Model.....	8
1.4	Consideration of Recent Legal Decisions and Changes in Legislation / Regulation	8
1.5	Harmonized Sales Tax - Atlantic Provinces	10
1.6	Harmonized Sales Tax Class Action – Ontario	10
1.7	Current Provision Summary	11
2	Activity During the Month of May 2019.....	12
2.1	Recorded Premium and Claims Activity	12
2.1.a	Actual vs. Projected (AvsP): Earned Premium.....	13
2.1.b	AvsP: Recorded Indemnity	15
2.1.c	AvsP: Paid Indemnity	17
2.2	Actuarial Provisions.....	19
3	Ultimate Loss Ratio Matching Method.....	20
4	Calendar Year-to-Date Results.....	21
5	Current Participation Report – Additional Exhibits.....	22
6	EXHIBITS	22

USER NOTIFICATION (related to March and April 2019 Actuarial Highlights): While completing the comparison of the claims liability indemnity change impact related to the discount rate change with the change implied by the April 2019 Actuarial Highlight’s Exhibit F **Interest Rate Sensitivity Tables**, the resulting variance was higher than expected. Further investigation ensued, resulting in the discovery that the Interest Rate Sensitivity Tables derived from the last valuation and included in the March and April 2019 Actuarial Highlights were not correct for Newfoundland, Alberta, Nunavut, and Total, due to an error in updating the data supporting the exhibits. This has been corrected, and the March and April 2019 Actuarial Highlights have been re-posted. In terms of the intended use (to estimate adjustment factors where different discount rates are used) our assessment is that such use would not have been adversely impacted by the errors.

1 Summary

1.1 Valuation Schedule (Fiscal Year 2019)

The May 2019 Participation Report incorporates the results of an updated valuation (as at March 31, 2019) – 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 2019.

FARM			
FISCAL YEAR 2019 – SCHEDULE OF VALUATIONS			
Valuation Date	Discount Rate (per annum)	Participation Report	Description of Changes
Sep. 30, 2018 (completed)	2.29% mfad: 25 bp	Oct. 2018	updated valuation (roll forward): all jurisdictions; cash flow projections updated; discount rate updated; no changes to selected margins for adverse deviations (interest rate or claims development).
Dec. 31, 2018 (completed)	1.95% mfad: 25 bp	Mar. 2019	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, 2019 (completed)	1.48% mfad: 25 bp	May 2019	updated valuation (roll forward): all jurisdictions; cash flow projections updated; discount rate updated; no changes to selected margins for adverse deviations (interest rate or claims development).
Jun. 30, 2019		Aug. 2019	update valuation:
Sep. 30, 2019		Oct. 2019	update valuation (roll forward)

Under the proposed schedule for fiscal year 2019, the “off-half” valuation quarters ending March 31, 2019 and September 30, 2019 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, 2019 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 is expected to be posted to the FA website in August 2019.

The valuation implementation impact on the month’s results is summarized in the tables below. As indicated in the “TOTAL” row, column [6] of the table on left, the incorporation of the new valuation had an estimated **\$18.6 million unfavourable impact** on the month’s net result from operations, adding an estimated 16.1 points (column [6] of table on right) from the **year-to-date Combined Operating Ratio** to end at **107.7%**.

Summary of Impact of Implementing Result of Valuation as at March 31, 2019¹

Grand Total	unfav / (fav)						ytd EP 115,598 (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	12,810	915	13,725	3,815	-	17,540	11.1%	0.8%	11.9%	3.3%	-	15.2%
CAY	177	14	191	709	-	900	0.2%	-	0.2%	0.6%	-	0.8%
Prem Def	57	21	78	108	-	186	-	-	0.1%	0.1%	-	0.2%
TOTAL	13,044	950	13,994	4,632	-	18,626	11.3%	0.8%	12.1%	4.0%	-	16.1%

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 nominal indemnity only**), indicating an overall **unfavourable prior accident year** change of **\$12.3 million** (4.2% of the associated unpaid claims liabilities selected at December 31, 2018), and changes in the selected accident year **2019 nominal indemnity ratios** projected to have an aggregate **unfavourable change of \$0.6 million at March 31, 2019** (i.e. this latter estimate is in relation to estimated full year earned premium and represents a 0.2 point deterioration in the overall 2019 accident year nominal indemnity loss ratio as projected at year-end across all jurisdictions and both business segments).

¹In 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.

March 31, 2019 Valuation Summary (Indemnity Only, Nominal Basis)

Valuation Summary (Nominal Basis)							unfavourable / (favourable)		
Jurisdiction	2018 & Prior Beginning Indemnity Unpaid (000s)	2018 & Prior Accident Year Indemnity Change (000s)	% of Beginning Unpaid	2019 Indemnity Loss Ratio	Change from Prior Valuation	Change against 2019 Earned Prem (000s)	2020 Indemnity Loss Ratio	Change from Prior Valuation	Change against 2020 Proj Earned Prem (000s)
	[1]	[2]	[3]	[4]	[5]	[6]	[7]	[8]	[9]
Ontario	86,631	3,431	4.0%	46.5%	(1.2%)	(1,163)	48.9%	(0.1%)	(104)
PPV	32,326	1,671	5.2%	51.2%	0.7%	150	52.0%	(0.1%)	(23)
Non-PPV	54,305	1,760	3.2%	45.3%	(1.7%)	(1,313)	48.0%	(0.1%)	(81)
Alberta	77,093	6,052	7.9%	51.2%	(0.1%)	(80)	52.3%	0.0%	(9)
PPV	12,776	(134)	(1.0%)	50.0%	1.0%	86	50.5%	(0.1%)	(9)
Non-PPV	64,317	6,186	9.6%	51.3%	(0.2%)	(166)	52.5%	0.0%	-
Newfoundland & Labrador	47,405	850	1.8%	66.7%	0.6%	192	64.9%	(0.1%)	(22)
PPV	33,245	514	1.5%	68.2%	0.7%	152	66.0%	(0.1%)	(22)
Non-PPV	14,160	336	2.4%	63.0%	0.5%	41	62.0%	0.0%	-
New Brunswick	35,746	(25)	(0.1%)	64.9%	5.3%	1,299	59.0%	0.0%	(11)
PPV	23,497	(178)	(0.8%)	66.9%	0.9%	124	64.5%	0.0%	-
Non-PPV	12,249	153	1.2%	62.4%	10.9%	1,175	52.0%	(0.1%)	(11)
Nova Scotia	27,423	589	2.1%	67.7%	0.4%	94	65.2%	0.1%	16
PPV	10,966	257	2.3%	73.0%	1.0%	133	67.6%	0.1%	16
Non-PPV	16,457	332	2.0%	62.2%	(0.3%)	(39)	62.5%	0.0%	-
Prince Edward Island	9,083	1,305	14.4%	58.6%	4.4%	204	52.6%	0.0%	-
PPV	3,991	1,073	26.9%	45.4%	0.4%	10	45.0%	0.0%	-
Non-PPV	5,092	232	4.6%	72.8%	8.8%	194	60.5%	0.0%	-
Yukon Territory	2,814	131	4.7%	49.9%	(0.5%)	(9)	51.0%	0.0%	(0)
PPV	1,744	(2)	(0.1%)	63.7%	0.2%	1	65.1%	(0.1%)	(0)
Non-PPV	1,070	133	12.4%	46.9%	(0.6%)	(9)	48.0%	0.0%	-
Northwest Territories	3,577	(147)	(4.1%)	46.0%	2.0%	86	44.9%	(0.1%)	(3)
PPV	2,147	(141)	(6.6%)	50.0%	2.5%	70	49.0%	(0.1%)	(3)
Non-PPV	1,430	(6)	(0.4%)	38.1%	1.1%	15	37.0%	0.0%	-
Nunavut	1,087	101	9.3%	36.5%	1.4%	14	35.7%	(0.1%)	(1)
PPV	316	(1)	(0.3%)	27.7%	(0.3%)	(0)	28.9%	(0.4%)	(1)
Non-PPV	771	102	13.2%	38.3%	1.8%	15	37.0%	0.0%	-
Total	290,859	12,287	4.2%	53.9%	0.2%	637	54.1%	0.0%	(135)

In the above table, the columns [1] through [3] highlight the changes in prior accident years' results. Changes to the 2019 accident year indemnity loss ratios are summarized in columns [4] through [6]. Finally, columns [7] through [9] summarize the changes in the 2020 indemnity loss ratios.

The valuation process continues to rely on three main actuarial methodologies – the expected loss ratio method, the loss development method², and the Bornhuetter-Ferguson method³. The valuation triangles are split by business segment (i.e. private passenger⁴ 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.

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

²Also referred to as the chain ladder method or link ratio method.

³Three 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.

⁴As 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".

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 unfavourable by \$18.6 million**, or 3.9% of the \$481.1 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 2019				(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 (1994-2018)	11,950	860	-	12,810	4,730	17,540
current accident year claims incurred	197	(20)	-	177	723	900
premium deficiency / (DPAC)	57			57	129	186
TOTAL	12,204	840	-	13,044	5,582	18,626

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). 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 2019 (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 B⁵ (\$000s) (negative values are favourable)

Estimated Implementation Impact (amounts in \$000s) => Month of May 2019

Jurisdiction / Business Segment	Total				TOTAL [21]
	updated LR, retros, exp [17]	APVs @ 2018 Q4 dsct rate [18]	updated dsct rate [19]	updated margins [20]	
Ontario	3,045	202	1,700	-	4,947
PPV	1,692	96	740	-	2,528
Non-PPV	1,353	106	960	-	2,419
Alberta	6,071	550	1,130	-	7,751
PPV	(95)	4	147	-	56
Non-PPV	6,166	546	983	-	7,695
Newfoundland & Labrador	992	27	606	-	1,625
PPV	618	14	471	-	1,103
Non-PPV	374	13	135	-	522
New Brunswick	557	40	474	-	1,071
PPV	(83)	5	265	-	187
Non-PPV	640	35	209	-	884
Nova Scotia	740	79	463	-	1,282
PPV	374	48	242	-	664
Non-PPV	366	31	221	-	618
Prince Edward Island	1,523	33	163	-	1,719
PPV	1,156	14	64	-	1,234
Non-PPV	367	19	99	-	485
Yukon Territory	141	4	37	-	182
PPV	-	(3)	20	-	17
Non-PPV	141	7	17	-	165
Northwest Territories	(135)	(2)	46	-	(91)
PPV	(129)	(3)	30	-	(102)
Non-PPV	(6)	1	16	-	11
Nunavut	110	17	13	-	140
PPV	-	-	3	-	3
Non-PPV	110	17	10	-	137
Total	13,044	950	4,632	-	18,626

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 unfavourable** impact

⁵Column [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.

of \$13.0 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, 2019 and ultimate selections from the latest applicable valuations – these changes contributed an estimated **unfavourable 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 **decreased by 47 basis points** from 1.95% to **1.48%**, resulting in an estimated **unfavourable impact** of \$4.6 million (see Table B, column [19]). The \$3.8 million **claims liability** indemnity only impact (not shown in the previous tables) associated with the discount rate change is in line with the \$3.8 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).

(Please note: while completing the comparison of the claims liability indemnity change impact related to the discount rate change with the change implied by the April 2019 Actuarial Highlight's Exhibit F **Interest Rate Sensitivity Tables**, the resulting variance was higher than expected. Further investigation ensued, resulting in the discovery that the Interest Rate Sensitivity Table derived from the last valuation and included in the **March and April 2019 Actuarial Highlights** were **not correct** for Newfoundland, Alberta, Nunavut, and Total, due to an error in updating the data supporting the exhibits. This has been corrected, and the **March and April 2019 Actuarial Highlights** have been **re-posted**. In terms of the intended use (to estimate adjustment factors where different discount rates are used) our assessment is that such use would not have been adversely impacted by the errors.)

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)

Grand Total	unfav / (fav)						(negative values are favourable)					
	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	12,810	915	13,725	3,815	-	17,540	11.1%	0.8%	11.9%	3.3%	-	15.2%
CAY	177	14	191	709	-	900	0.2%	-	0.2%	0.6%	-	0.8%
Prem Def	57	21	78	108	-	186	-	-	0.1%	0.1%	-	0.2%
TOTAL	13,044	950	13,994	4,632	-	18,626	11.3%	0.8%	12.1%	4.0%	-	16.1%

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 2019 Final Outlook that was posted on November 30, 2018.

Implementation Summary Table D (\$000s)
(negative operating results are unfavourable)

\$000s	Outlook Posted November 30, 2018			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 2019
Ontario	83,379	9,719	88.6%	107,331	15,032	86.2%	(4,947)	(3,809)
Alberta	71,083	11,405	84.2%	96,436	5,601	94.4%	(7,751)	(7,727)
Newfoundland & Labrador	28,625	(1,408)	105.2%	30,058	(2,987)	110.3%	(1,625)	(1,623)
New Brunswick	22,596	1,035	95.5%	24,654	(915)	103.9%	(1,071)	(1,979)
Nova Scotia	21,915	(1,986)	109.2%	27,108	(5,028)	118.9%	(1,282)	(1,309)
Prince Edward Island	4,484	322	93.0%	4,686	(1,756)	137.8%	(1,719)	(1,842)
Yukon	1,869	257	86.7%	1,871	(177)	109.8%	(182)	(177)
Northwest Territories	4,546	915	80.1%	4,410	1,189	73.2%	91	20
Nunavut	913	269	71.0%	969	95	90.6%	(140)	(148)
TOTAL	239,409	20,528	91.7%	297,522	11,055	96.5%	(18,626)	(18,594)

In total, the operating result projection to year-end has decreased by \$9.5 million from the Outlook posted November 30, 2018 (to \$11.1 million as shown in the table above). This amount is \$18.6 million lower than it would have been, if not for the implementation of the March 31, 2019 valuation. (The changes before the impact of the March 31, 2019 valuation are attributable to mix of business and other projection assumptions outside of the valuation process, as well as the previous valuations (2018 Q3 and 2018 Q4) implemented since the 2018 Q2 valuation was used as the basis for the 2019 Final Outlook.)

One important change relative to the 2019 Final Outlook has been the increase in the discount rate (the interest rate margin for adverse deviation remained consistent at 25 basis points), favourably impacting the projection. Had the 2019 Final Outlook discount rate of 1.88% still been applicable, the operating result would have been *higher* (better) by \$3.5 million (using the current interest rate sensitivity table). That is, the projected Operating Result would have been approximately \$15.5 million (COR of 95.1%) had the discount rate remained at the 2019 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 / Regulation⁶

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

Consideration and assessment of potential impacts of legal decisions and changes in legislation / regulation constitutes a regular part of the valuation process. Descriptions of some of the more recent

⁶This link is to a helpful guide on how bills become laws: <http://www.ontla.on.ca/lao/en/media/laointernet/pdf/bills-and-lawmaking-background-documents/how-bills-become-law-en.pdf>.

changes are provided below.

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.

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, 2019), reform adjustments (originally introduced with the September 30, 2015 valuation) specifically related to 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, 2018) and nominal valuation estimates, impacting the selection of ultimates.

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, 2019), reform adjustments related to changes in the definition of minor injuries under the MIR, were included with the updated industry trend analyses (completed using industry data as at June 30, 2018), impacting the selection of ultimates.

The **Minister of Treasury Board and Finance issued Ministerial Order 14/2018**, on **October 31, 2018**, which states unless otherwise directed by the Minister, the AIRB may not approve filings from insurers for cumulative rate increases on private passenger vehicles greater than +5.0% during the period between December 1, 2018 and August 31, 2019. At the current time, no explicit adjustments have been made to our valuation estimates or views based on this order.

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, 2019), 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 December 31, 2017), impacting the selection of ultimates.

The **Nova Scotia Court of Appeal** confirmed, in a unanimous decision released on **January 18, 2019** in relation to **Sparks v Holland (2019 NSCA 3)**, that future Canada Pension Plan (CPP) disability benefits are deductible from future income loss awards in motor-vehicle accident claims in that province. Sparks sustained injuries as a result of a motor vehicle accident in Nova Scotia and sought damages for personal injuries and loss of income. The decision supported an earlier decision (*Tibbets v Murphy*, 2017 NSCA 35) that both past and future CPP disability benefits are deductible under section 133A of the Insurance Act. At the current time, no adjustments have been made to our valuation estimates as a result of this decision.

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 1, 2016** increasing the combined HST rate in the province from 13% to 15%. No explicit additional adjustments have been made to the valuation assumptions from the **most recent** valuation (March 31, 2019), on the basis that current estimates have implicitly incorporated the impact.

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 1, 2016** increasing the combined HST rate in the province from 13% to 15%. No explicit additional adjustments have been made to the valuation assumptions from the **most recent** valuation (March 31, 2019), on the basis that current estimates have implicitly incorporated the impact.

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 1, 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 December 31, 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, 2019).

1.6 Harmonized Sales Tax Class Action – Ontario

There have been no changes in these descriptions since last month's Highlights.

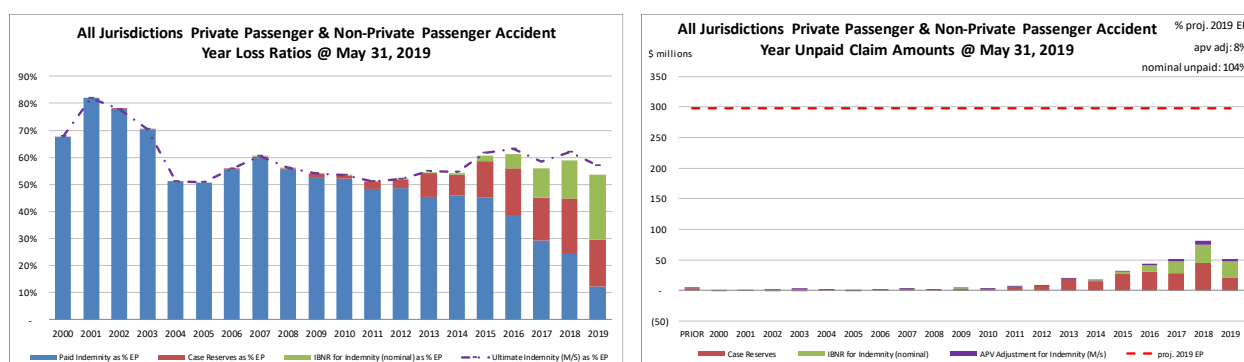
Since the end of October 2018, class action lawsuits have been brought against multiple insurers related to HST and limits / sub-limits of benefits per the Statutory Accident Benefits Schedule and

FSCO’s Professional Services Guideline as part of claims settlement practices in Ontario.

At the current time, no adjustments have been made to our valuation estimates, but in conjunction with FA’s Appointed Actuary, FA management continues to review and consider the implications of the potential outcomes related to the class action lawsuits. Please contact Shawn Doherty at sdoherty@facilityassociation.com if you need further information.

1.7 Current Provision Summary

The charts immediately below show the current levels of **indemnity only**⁷ claims amounts booked by accident year⁸. 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 2019 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 (\$23.9 million – see table on the next page) represents 8% of the earned premium projected for the full year 2019 (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 on the next page, the associated \$4.8 million of actuarial present value adjustments would be released into future net operating results.

⁷Servicing 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 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.

⁸The 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”.

claim liabilities (\$000s)

	amt	%
case	214,696	64.2%
ibnr	95,687	28.6%
M/S apv adj	23,879	7.1%
M/S indemnity	334,262	100.0%
retro claims	31,059	
retro apv adj	4,823	
M/S total	370,144	

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 7 on page 11) and the actuarial present value adjustment associated with this latter provision is presented in the “retro apv

adj” row.

The tables immediately below 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).

premium liabilities (\$000s)

	amt	%
unearned prem	148,827	108.1%
prem def/(dpac)	(11,584)	(8.4%)
M/S apv adjust.	450	0.3%
M/S total	137,693	100.0%

policy liabilities (\$000s)

	amt	%
claim	341,442	67.2%
premium	137,243	27.0%
M/S apv adjust.	29,152	5.7%
M/S total	507,837	100.0%

M/S total by juris (rounded at juris level)

Ontario	176,106
Alberta	137,009
Newfoundland & Labrador	68,989
New Brunswick	53,681
Nova Scotia	47,322
Prince Edward Island	13,175
Yukon	4,026
Northwest Territories	5,739
Nunavut	1,790
All Jurisdictions	507,837

Total policy liabilities (on an actuarial present value basis) are summarized by jurisdiction in the table to the left.

While Ontario has the largest share of any single jurisdiction (accounting for approximately 35% of the total policy liabilities), collectively, the Atlantic provinces account for a larger overall share at approximately 36% (183 million).

2 Activity During the Month of May 2019⁹

2.1 Recorded Premium and Claims Activity

The tables on the next page 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.

⁹There 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.

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

Table 01a	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	9,356	682	3,482	969	(895)	(627)	2,587	343
AB	8,510	482	7,486	4,743	(2,738)	(3,017)	4,749	1,726
NL	2,548	72	2,634	678	(582)	(386)	2,052	292
NB	2,126	79	1,662	809	(1,196)	(1,323)	466	(514)
NS	2,301	140	1,456	637	(353)	(419)	1,104	217
PE	409	10	368	197	(418)	(397)	(50)	(200)
YT	161	5	103	50	(101)	(102)	2	(52)
NT	365	4	255	148	(11)	(56)	244	92
NU	85	0	11	4	6	(1)	17	3
TOTAL	25,862	1,475	17,459	8,234	(6,287)	(6,328)	11,172	1,906

(Recorded transaction amounts exclude IBNR & other actuarial provisions)

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

Table 01b	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	-	-	6,373	3,318	(7,202)	(4,896)	(829)	(1,578)
2017	(5)	(5)	1,524	290	(1,452)	(1,194)	73	(903)
2018	(32)	(32)	4,220	2,306	(1,844)	(1,119)	2,376	1,187
2019	25,898	1,511	5,341	2,320	4,211	881	9,552	3,201
TOTAL	25,862	1,475	17,459	8,234	(6,287)	(6,328)	11,172	1,906

(Recorded transaction amounts exclude IBNR & other actuarial provisions)

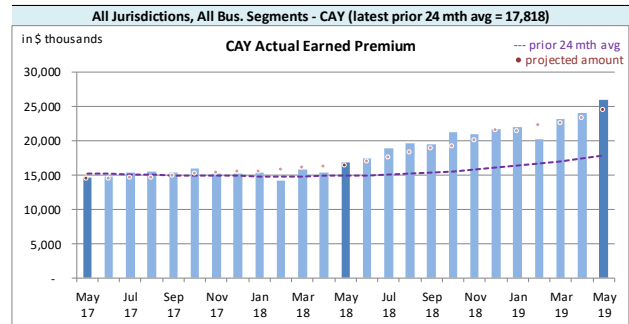
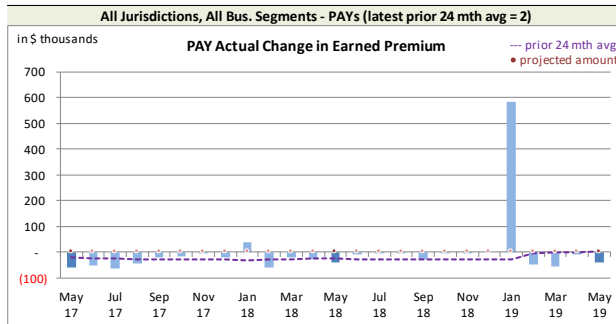
Claims activity varies monthly in part due to “process variance” – that is, due to the nature of the claims reporting, recording and adjudication processes. Each month, the projection variances are reviewed for signs of projection bias and to identify potential ways to reduce the level of the variance.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

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

The charts at the top of the next page show actual **earned premium**¹⁰ 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.

¹⁰Premium 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.

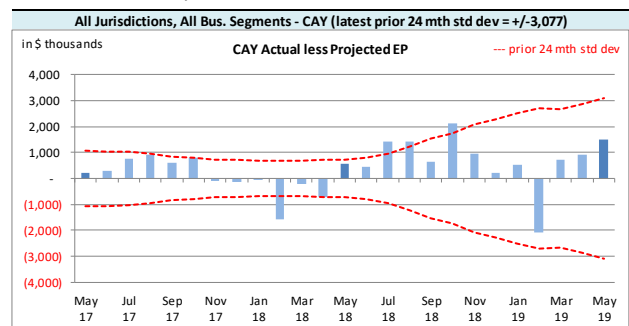
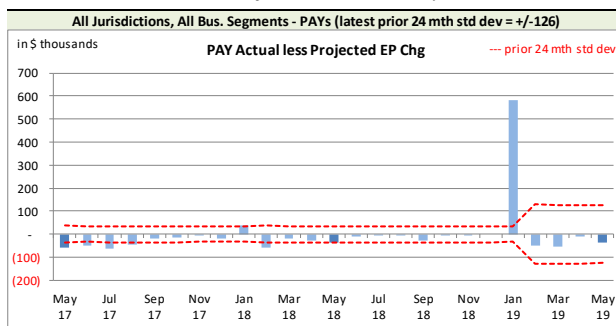
FARM Actual Earned Premium by Calendar Month



Earned premium changes during a given calendar month in relation to prior accident years tend to be at modest levels (the January 2019 PAYs change was unusually high due to late recorded new business commercial (CV) and interurban (IU) policies). Current accident year (CAY) earned premium growth in recent months is related to significant increases in CV and IU vehicles, with 2018 written premium for these two classes increasing by \$61 million (accounting for the bulk of the \$65 million or 57% increase in total FARM non-PPV written premium during 2018). This issue was discussed in the January Highlights.

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



On Latest \$ thousands			
Earned Premium		PAYs	CAY
Mthly Avg EP Chg (prior 24 mths)		2	17,818
std dev		126	3,077
A-P <> std dev		8	5
% <> std dev		32.0%	20.0%
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 bias¹¹ on a 24-month lag basis (ignoring the prior accident years' (PAYs) variances, which tend to be small relative to monthly premium overall). We

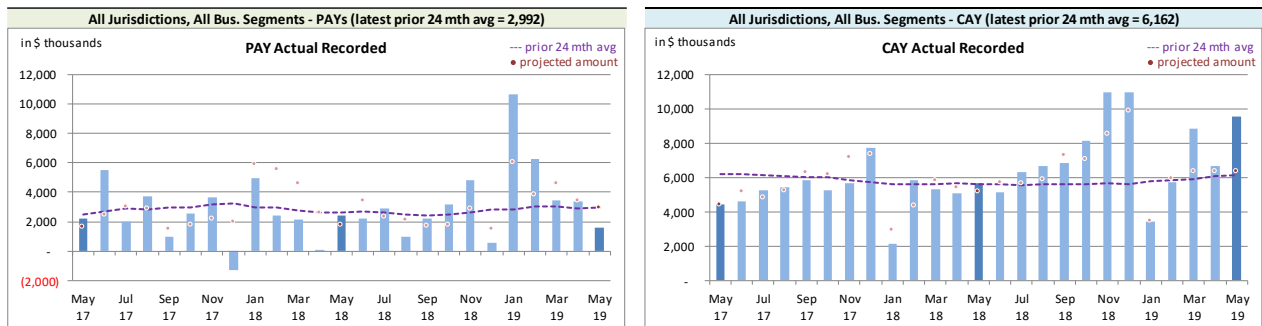
¹¹For the binomial distribution with 24 trials and an assumed 50% success probability, the 95% confidence range is 7 to 17 "successes". That is, favourable or unfavourable counts of 0 to 6 or 18 to 24 out of 24 outcomes would suggest bias.

are in the process of considering modifications to our written premium projection process with a goal of narrowing monthly variances.

2.1.b AvsP: Recorded Indemnity

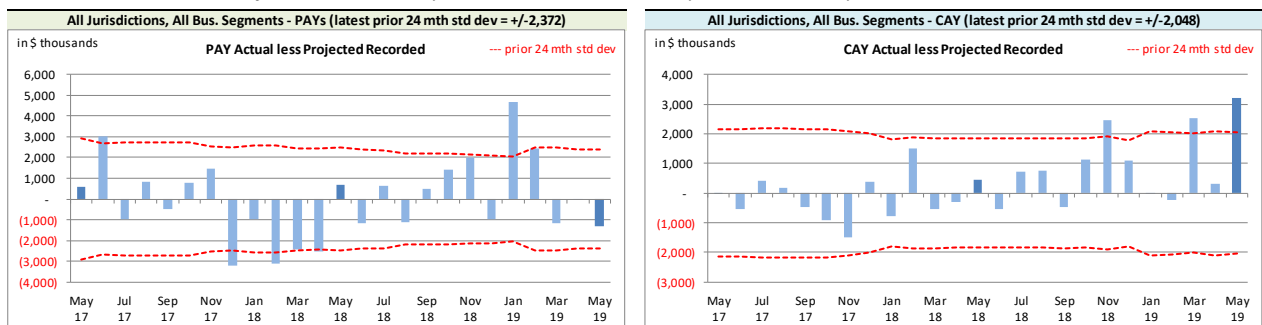
The charts immediately below show actual **recorded indemnity** activity (**paid indemnity** plus case changes) in each of the most recent 25 calendar months, along with a “prior 24-month average” to show how each month’s actual compares with the average amount of the preceding 24 calendar months.

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



	On Latest \$ thousands	
	Recorded	
	PAYs	CAY
Mthly Avg Recorded (prior 24 mths)	2,992	6,162
std dev	2,372	2,048
A-P <> std dev	5	3
% <> std dev	20.0%	12.0%
norm <> std dev	31.7%	31.7%

(assuming a normal distribution). Bias has not been indicated at a 95% confidence level on a lagging 24-month basis.

The current accident year (CAY) **recorded indemnity** variances fell outside of one standard deviation 12% of the time over the last 25 calendar months (see table above), suggesting the projection process

With respect to **recorded indemnity**, 20% of the prior accident years’ (PAYs) variances over the last 25 calendar months have fallen outside of one standard deviation of the actual **recorded indemnity** (see table on the left), suggesting the projection process performs better than simply projecting the prior 24-month average amount

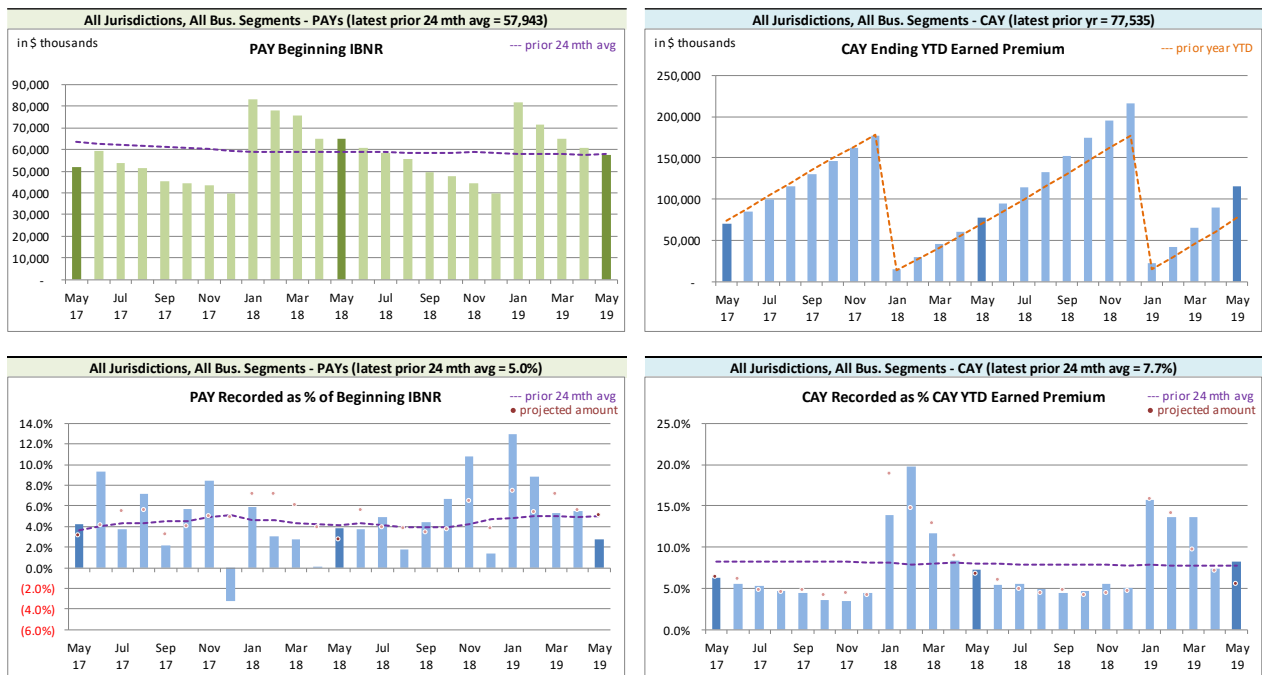
performs better than simply projecting the prior 24-month average amount. Bias has not been indicated at a 95% confidence level on a lagging 24-month basis.

The CAY **recorded** variance was outside of one standard deviation this month. The activity was reviewed and confirmed, with the variance attributed to process variance.

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 immediately below related to levels influencing **recorded indemnity** activity.

FARM Levels that influence¹² 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

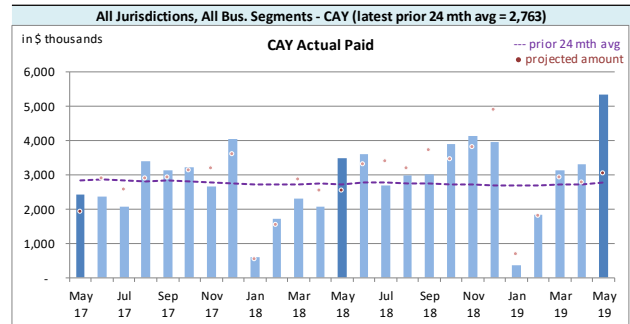
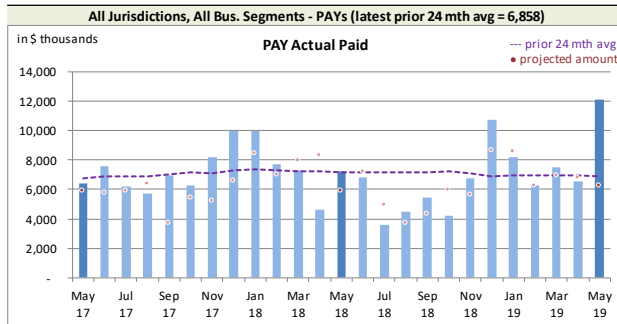
¹²Our recorded indemnity projections for the prior accident years are based on selected ratios of recorded indemnity to beginning unpaid balances, whereas the current accident year projections are based on selected ratios of year-to-date IBNR to year-to-date selected ultimate indemnity (i.e. selected 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.

the valuation is implemented, i.e. the change will generally show in April, June, September, and November).

2.1.c AvsP: Paid Indemnity

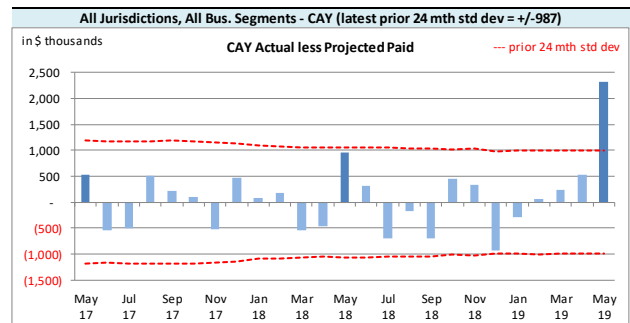
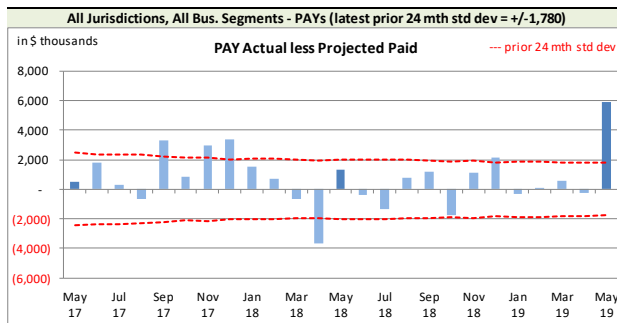
The charts immediately below show actual **paid indemnity** activity in each of the most recent 25 calendar months, along with a “prior 24-month average” to show how each month’s actual compares with the average amount of the preceding 24 calendar months.

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	
	Paid	
	PAYs	CAY
Mthly Avg Paid (prior 24 mths)	6,858	2,763
std dev	1,780	987
A-P <> std dev	6	1
% <> std dev	24.0%	4.0%
norm <> std dev	31.7%	31.7%

With respect to **paid indemnity**, 24% of the prior accident years’ (PAYs) variances over the last 25 calendar months have fallen outside of one standard deviation of the actual **paid indemnity** amounts (see table on left at the bottom of the previous page), suggesting the projection process has performed better than simply projecting the

prior 24-month average amount (assuming it follows a normal distribution). No bias has been indicated at a 95% confidence level on a lagging 24-month basis.

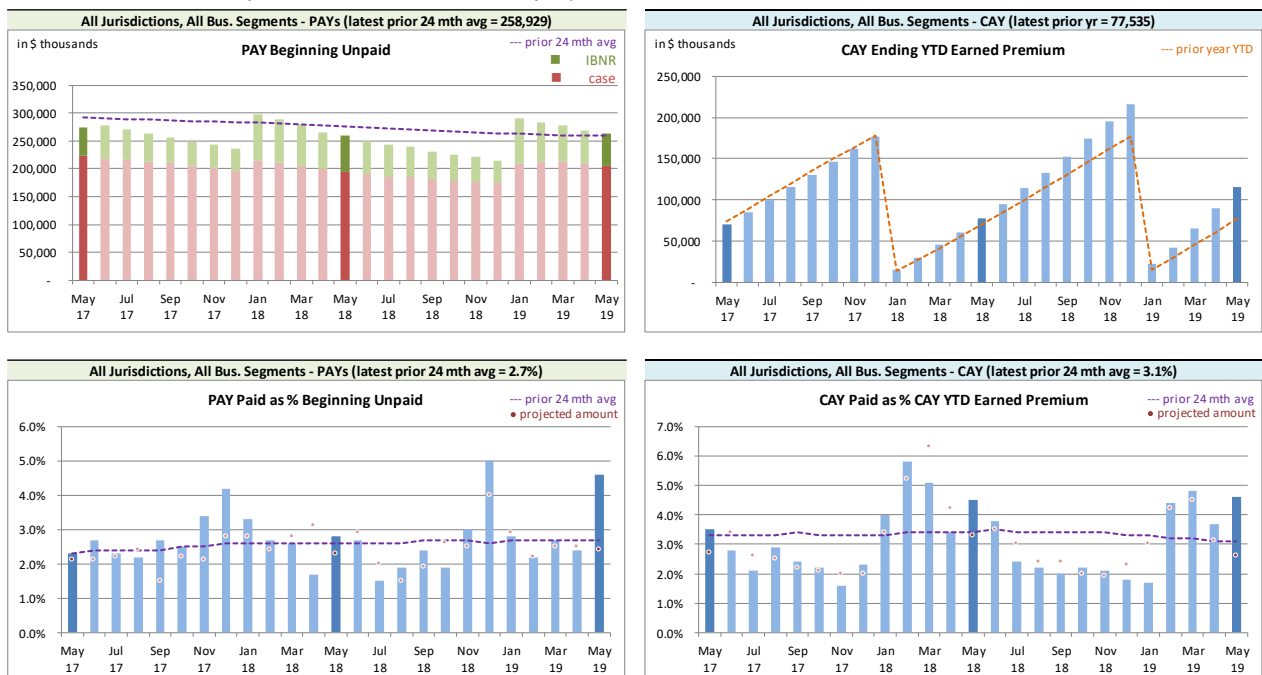
The PAY **paid** variance was outside of one standard deviation this month. The activity was reviewed and confirmed, with the variance attributed to process variance.

The current accident year (CAY) **paid indemnity** variances fell outside of one standard deviation 4% of the time over the last 25 calendar months (see table on the previous page), suggesting that the projection process performs better than simply projecting the prior 24-month average amount. Bias has not been indicated at a 95% confidence level on a lagging 24-month basis.

The CAY **paid** variance was outside of one standard deviation this month. The activity was reviewed and confirmed, with the variance attributed to process variance.

We have included, for reference, additional charts immediately below related to levels influencing **paid indemnity** activity.

FARM Levels that influence¹³ 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

¹³Our 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.

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 IBNR¹⁴ 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.

The loss ratios and the factors used to determine the current provisions were based on the most recent valuation (March 31, 2019 for all jurisdictions). The table immediately below summarizes variances in provisions included in this month’s 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	17,953	3,173	(5,507)	1,688	15,078	(42)	27,524	4,819
2017	19,330	3,040	(1,638)	401	5,675	316	23,367	3,757
2018	30,597	7,026	(2,986)	576	9,451	845	37,062	8,447
2019	27,807	(2,207)	(1,975)	649	5,781	(103)	31,613	(1,661)
TOTAL	95,687	11,032	(12,106)	3,314	35,985	1,016	119,566	15,362

The IBNR provision is \$11.0 million higher 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 7 on page 11). The next table

¹⁴For ease of discussion, “IBNR” is used in place of “provisions for incurred but not recorded (IBNR) and development”.

summarizes the variances in these “Retro Claims Provisions” included in this month’s 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”¹⁵ 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	23,015	747	(1,081)	241	3,330	44	25,264 1,032
2017	2,622	116	(105)	28	798	85	3,315 229
2018	4,356	545	(167)	36	1,406	196	5,595 777
2019	1,066	19	(96)	26	738	33	1,708 78
TOTAL	31,059	1,427	(1,449)	331	6,272	358	35,882 2,116

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 this month’s 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:		(11,584)	(346)	450	161	(11,134)	(185)
balance as % unearned premium:		(7.8%)	-	0.3%	0.1%	(7.5%)	0.1%
actual unearned premium:		148,827					
less projected:		5,260					

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:

¹⁵“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.

- (a) Earned premium to date
- (b) Ultimate loss¹⁶ 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 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”¹⁷ 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	12,390	10.7%	5,698	4.9%	18,088	15.6%	16,713	14.1%
CAY	75,938	65.7%	4,448	3.8%	80,386	69.5%	18,561	0.6%
TOTAL	88,327	76.4%	10,146	8.8%	98,473	85.2%	35,274	14.8%

(“% EP” based on 2019 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.

¹⁶“Loss” here refers to indemnity only unless otherwise noted.

¹⁷“Prior accident years” and the “current accident year” are defined relative to the calendar year associated with the projection period.

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.

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: 1.48%	
				interest rate margin: 25 basis pts	
Sum of Amount		Prior Month	Current Month	1st Projected	2nd Projected
Business Segment	Acc Year	ShareYMM	201905	201906	201907
Private Passenger	prior	(11,000)	(6,000)	(3,000)	(3,000)
	2010	(5,000)	(5,000)	(4,000)	(4,000)
	2011	7,000	(5,000)	(5,000)	(4,000)
	2012	87,000	82,000	78,000	76,000
	2013	32,000	50,000	46,000	45,000
	2014	109,000	156,000	153,000	151,000
	2015	229,000	220,000	210,000	205,000
	2016	735,000	977,000	840,000	720,000
	2017	1,159,000	1,393,000	1,181,000	1,051,000
	2018	1,485,000	1,079,000	822,000	692,000
	2019	1,441,000	1,460,000	1,654,000	1,932,000
Private Passenger Total		5,268,000	5,401,000	4,972,000	4,861,000
Non Private Passenger	prior	6,000	6,000	6,000	6,000
	2010	2,000	2,000	2,000	2,000
	2011	(10,000)	4,000	5,000	4,000
	2012	21,000	24,000	23,000	23,000
	2013	32,000	35,000	33,000	33,000
	2014	7,000	3,000	3,000	3,000
	2015	110,000	316,000	280,000	277,000
	2016	443,000	483,000	416,000	399,000
	2017	489,000	734,000	652,000	606,000
	2018	782,000	1,143,000	1,004,000	893,000
	2019	559,000	564,000	625,000	674,000
Non Private Passenger Total		2,441,000	3,314,000	3,049,000	2,920,000
Grand Total		7,709,000	8,715,000	8,021,000	7,781,000

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

EXHIBIT A

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

page 2 of 10

Jurisdiction Desc	New Brunswick	discount rate: 1.48%			
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	ShareYMMM				
Business Segment	Acc Year	201904	201905	201906	201907
Private Passenger	prior	80,000	41,000	41,000	39,000
	2010	54,000	55,000	53,000	52,000
	2011	77,000	92,000	89,000	89,000
	2012	149,000	137,000	134,000	133,000
	2013	291,000	240,000	233,000	230,000
	2014	290,000	268,000	261,000	258,000
	2015	570,000	348,000	337,000	334,000
	2016	946,000	1,147,000	1,114,000	1,097,000
	2017	3,254,000	3,194,000	3,154,000	3,118,000
	2018	4,166,000	4,211,000	4,160,000	4,076,000
	2019	1,556,000	2,112,000	2,544,000	2,931,000
Private Passenger Total		11,433,000	11,845,000	12,120,000	12,357,000
Non Private Passenger	prior	6,000	22,000	20,000	20,000
	2010	12,000	18,000	18,000	17,000
	2011	13,000	147,000	138,000	137,000
	2012	(18,000)	31,000	31,000	31,000
	2013	197,000	182,000	180,000	178,000
	2014	49,000	44,000	41,000	41,000
	2015	249,000	219,000	189,000	183,000
	2016	503,000	511,000	469,000	446,000
	2017	422,000	852,000	817,000	772,000
	2018	944,000	878,000	817,000	779,000
	2019	(156,000)	633,000	832,000	983,000
Non Private Passenger Total		2,221,000	3,537,000	3,552,000	3,587,000
Grand Total		13,654,000	15,382,000	15,672,000	15,944,000

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: 1.48%			
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	ShareYMMM				
Business Segment	Acc Year	201904	201905	201906	201907
Private Passenger	prior	13,000	25,000	24,000	23,000
	2010	4,000	9,000	10,000	9,000
	2011	6,000	6,000	6,000	6,000
	2012	(22,000)	(20,000)	(21,000)	(20,000)
	2013	106,000	14,000	14,000	14,000
	2014	(49,000)	33,000	31,000	30,000
	2015	93,000	62,000	60,000	60,000
	2016	532,000	540,000	524,000	502,000
	2017	1,580,000	1,602,000	1,535,000	1,514,000
	2018	2,391,000	2,601,000	2,489,000	2,439,000
	2019	1,336,000	1,689,000	2,075,000	2,476,000
Private Passenger Total		5,990,000	6,561,000	6,747,000	7,053,000
Non Private Passenger	prior	-	-	-	-
	2010	(2,000)	(2,000)	(2,000)	(2,000)
	2011	(5,000)	(5,000)	(5,000)	(5,000)
	2012	(3,000)	-	-	(1,000)
	2013	37,000	91,000	90,000	88,000
	2014	169,000	113,000	113,000	111,000
	2015	389,000	382,000	366,000	350,000
	2016	532,000	876,000	849,000	838,000
	2017	1,339,000	1,384,000	1,312,000	1,265,000
	2018	2,131,000	2,390,000	2,299,000	2,214,000
	2019	1,500,000	1,753,000	1,907,000	2,155,000
Non Private Passenger Total		6,087,000	6,982,000	6,929,000	7,013,000
Grand Total		12,077,000	13,543,000	13,676,000	14,066,000

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

EXHIBIT A

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

page 4 of 10

Jurisdiction Desc	Prince Edward Island	discount rate: 1.48%			
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			
		201904	201905	201906	201907
Private Passenger	prior	(5,000)	(5,000)	(5,000)	(5,000)
	2010	(17,000)	(2,000)	(2,000)	(1,000)
	2011	(1,000)	(1,000)	(1,000)	(1,000)
	2012		-	-	-
	2013	(2,000)	(2,000)	(2,000)	(2,000)
	2014	23,000	163,000	160,000	158,000
	2015	91,000	94,000	90,000	84,000
	2016	(570,000)	358,000	354,000	352,000
	2017	70,000	351,000	347,000	343,000
	2018	603,000	542,000	535,000	530,000
	2019	240,000	255,000	286,000	312,000
Private Passenger Total		432,000	1,753,000	1,762,000	1,770,000
Non Private Passenger	prior	(1,000)	(1,000)	(1,000)	(1,000)
	2010		-	-	-
	2011	1,000	1,000	1,000	1,000
	2012	(16,000)	(4,000)	(4,000)	(5,000)
	2013	(36,000)	3,000	3,000	3,000
	2014	9,000	7,000	7,000	7,000
	2015	106,000	84,000	83,000	82,000
	2016	219,000	298,000	295,000	292,000
	2017	707,000	676,000	670,000	663,000
	2018	522,000	726,000	718,000	710,000
	2019	70,000	294,000	365,000	442,000
Non Private Passenger Total		1,581,000	2,084,000	2,137,000	2,194,000
Grand Total		2,013,000	3,837,000	3,899,000	3,964,000

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: 1.48%			
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	ShareYMMM				
Business Segment	Acc Year	201904	201905	201906	201907
Private Passenger	prior	2,351,000	1,569,000	1,492,000	1,479,000
	2010	523,000	641,000	602,000	596,000
	2011	182,000	138,000	131,000	129,000
	2012	(36,000)	26,000	24,000	23,000
	2013	(154,000)	20,000	21,000	20,000
	2014	(1,511,000)	114,000	115,000	113,000
	2015	131,000	101,000	99,000	96,000
	2016	468,000	785,000	744,000	706,000
	2017	2,185,000	2,241,000	2,106,000	1,981,000
	2018	2,569,000	3,116,000	2,857,000	2,706,000
	2019	1,462,000	1,964,000	2,447,000	2,997,000
Private Passenger Total		8,170,000	10,715,000	10,638,000	10,846,000
Non Private Passenger	prior	82,000	103,000	95,000	91,000
	2010	41,000	42,000	37,000	34,000
	2011	292,000	185,000	169,000	160,000
	2012	96,000	237,000	218,000	208,000
	2013	(537,000)	469,000	440,000	428,000
	2014	(419,000)	453,000	416,000	394,000
	2015	1,392,000	1,111,000	1,073,000	1,041,000
	2016	2,488,000	2,301,000	2,205,000	2,106,000
	2017	4,297,000	4,301,000	4,088,000	3,896,000
	2018	9,545,000	10,275,000	9,765,000	9,309,000
	2019	10,172,000	11,838,000	14,047,000	16,240,000
Non Private Passenger Total		27,449,000	31,315,000	32,553,000	33,907,000
Grand Total		35,619,000	42,030,000	43,191,000	44,753,000

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: 1.48%			
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	ShareYMMM				
Business Segment	Acc Year	201904	201905	201906	201907
Private Passenger	prior	(10,000)	(8,000)	(8,000)	(8,000)
	2010	30,000	31,000	30,000	30,000
	2011	348,000	130,000	128,000	128,000
	2012	327,000	277,000	268,000	266,000
	2013	32,000	180,000	175,000	173,000
	2014	480,000	453,000	439,000	434,000
	2015	618,000	449,000	436,000	431,000
	2016	556,000	620,000	605,000	600,000
	2017	1,190,000	1,123,000	1,090,000	963,000
	2018	1,030,000	1,240,000	1,204,000	1,189,000
	2019	411,000	445,000	532,000	620,000
Private Passenger Total		5,012,000	4,940,000	4,899,000	4,826,000
Non Private Passenger	prior	16,000	226,000	206,000	202,000
	2010	7,000	7,000	6,000	6,000
	2011	26,000	(44,000)	(39,000)	(37,000)
	2012	61,000	(39,000)	(34,000)	(33,000)
	2013	647,000	649,000	596,000	587,000
	2014	1,114,000	375,000	342,000	336,000
	2015	2,292,000	2,169,000	2,076,000	2,014,000
	2016	3,615,000	3,550,000	3,289,000	3,033,000
	2017	2,787,000	4,434,000	4,060,000	3,751,000
	2018	2,545,000	7,437,000	6,797,000	5,967,000
	2019	7,019,000	8,194,000	9,385,000	10,548,000
Non Private Passenger Total		20,129,000	26,958,000	26,684,000	26,374,000
Grand Total		25,141,000	31,898,000	31,583,000	31,200,000

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	Yukon	discount rate: 1.48%			
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	ShareYMMM				
Business Segment	Acc Year	201904	201905	201906	201907
Private Passenger	prior	4,000	4,000	4,000	4,000
	2010	(1,000)	1,000	1,000	1,000
	2011	4,000	4,000	4,000	4,000
	2012	9,000	7,000	7,000	7,000
	2013	17,000	14,000	14,000	14,000
	2014	35,000	30,000	30,000	30,000
	2015	65,000	56,000	55,000	55,000
	2016	163,000	159,000	158,000	157,000
	2017	134,000	163,000	160,000	157,000
	2018	192,000	198,000	195,000	169,000
	2019	71,000	88,000	92,000	101,000
Private Passenger Total		693,000	724,000	720,000	699,000
Non Private Passenger	prior	2,000	2,000	2,000	2,000
	2010	-	-	-	-
	2011	-	-	-	-
	2012	1,000	1,000	1,000	1,000
	2013	4,000	2,000	2,000	2,000
	2014	9,000	7,000	7,000	7,000
	2015	36,000	33,000	33,000	33,000
	2016	65,000	76,000	75,000	73,000
	2017	165,000	160,000	159,000	158,000
	2018	16,000	187,000	173,000	166,000
	2019	151,000	197,000	218,000	250,000
Non Private Passenger Total		449,000	665,000	670,000	692,000
Grand Total		1,142,000	1,389,000	1,390,000	1,391,000

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

page 8 of 10

Jurisdiction Desc	Northwest Territories				
AccountCode Desc	IBNR Provision				
AccountCode	(All)				
AccidentYear	(All)				
				discount rate: 1.48%	
				interest rate margin: 25 basis pts	
Sum of Amount	ShareYMM	Prior Month	Current Month	1st Projected	2nd Projected
Business Segment	Acc Year	201904	201905	201906	201907
Private Passenger	prior	(2,000)	(2,000)	(2,000)	(2,000)
	2010	(1,000)	(1,000)	(1,000)	(1,000)
	2011	3,000	3,000	3,000	3,000
	2012	10,000	10,000	10,000	10,000
	2013	15,000	11,000	11,000	11,000
	2014	46,000	39,000	39,000	39,000
	2015	95,000	84,000	83,000	82,000
	2016	258,000	247,000	245,000	243,000
	2017	406,000	280,000	278,000	274,000
	2018	487,000	527,000	473,000	464,000
	2019	85,000	146,000	189,000	236,000
Private Passenger Total		1,402,000	1,344,000	1,328,000	1,359,000
Non Private Passenger	prior	2,000	2,000	2,000	2,000
	2010	1,000	1,000	1,000	1,000
	2011	-	-	-	-
	2012	-	-	-	-
	2013	36,000	43,000	43,000	43,000
	2014	12,000	10,000	10,000	10,000
	2015	39,000	31,000	31,000	31,000
	2016	139,000	138,000	137,000	136,000
	2017	279,000	260,000	257,000	256,000
	2018	287,000	220,000	217,000	213,000
	2019	(93,000)	(121,000)	(102,000)	(66,000)
Non Private Passenger Total		702,000	584,000	596,000	626,000
Grand Total		2,104,000	1,928,000	1,924,000	1,985,000

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

page 9 of 10

Jurisdiction Desc	Nunavut	discount rate: 1.48%			
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	201904	201905	201906	201907
Private Passenger	prior	(1,000)	(1,000)	(1,000)	(1,000)
	2010	-	-	-	-
	2011	-	-	-	-
	2012	14,000	15,000	13,000	13,000
	2013	2,000	2,000	2,000	2,000
	2014	10,000	8,000	8,000	8,000
	2015	13,000	13,000	13,000	13,000
	2016	41,000	40,000	38,000	36,000
	2017	43,000	32,000	31,000	30,000
	2018	36,000	39,000	37,000	35,000
	2019	16,000	19,000	21,000	20,000
Private Passenger Total		174,000	167,000	162,000	156,000
Non Private Passenger	prior	-	-	-	-
	2010	-	-	-	-
	2011	-	-	-	-
	2012	-	-	-	-
	2013	14,000	12,000	12,000	12,000
	2014	25,000	24,000	23,000	23,000
	2015	(39,000)	25,000	25,000	25,000
	2016	80,000	93,000	92,000	91,000
	2017	173,000	187,000	185,000	183,000
	2018	211,000	253,000	251,000	249,000
	2019	58,000	83,000	106,000	128,000
Non Private Passenger Total		522,000	677,000	694,000	711,000
Grand Total		696,000	844,000	856,000	867,000

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

page 10 of 10

Jurisdiction Desc	(All)	discount rate: 1.48%			
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		ShareYYMM			
		201904	201905	201906	201907
Private Passenger	prior	2,419,000	1,617,000	1,542,000	1,526,000
	2010	587,000	729,000	689,000	682,000
	2011	626,000	367,000	355,000	354,000
	2012	538,000	534,000	513,000	508,000
	2013	339,000	529,000	514,000	507,000
	2014	(567,000)	1,264,000	1,236,000	1,221,000
	2015	1,905,000	1,427,000	1,383,000	1,360,000
	2016	3,129,000	4,873,000	4,622,000	4,413,000
	2017	10,021,000	10,379,000	9,882,000	9,431,000
	2018	12,959,000	13,553,000	12,772,000	12,300,000
	2019	6,618,000	8,178,000	9,840,000	11,625,000
Private Passenger Total		38,574,000	43,450,000	43,348,000	43,927,000
Non Private Passenger	prior	113,000	360,000	330,000	322,000
	2010	61,000	68,000	62,000	58,000
	2011	317,000	288,000	269,000	260,000
	2012	142,000	250,000	235,000	224,000
	2013	394,000	1,486,000	1,399,000	1,374,000
	2014	975,000	1,036,000	962,000	932,000
	2015	4,574,000	4,370,000	4,156,000	4,036,000
	2016	8,084,000	8,326,000	7,827,000	7,414,000
	2017	10,658,000	12,988,000	12,200,000	11,550,000
	2018	16,983,000	23,509,000	22,041,000	20,500,000
	2019	19,280,000	23,435,000	27,383,000	31,354,000
Non Private Passenger Total		61,581,000	76,116,000	76,864,000	78,024,000
Grand Total		100,155,000	119,566,000	120,212,000	121,951,000

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)

page 1 of 10

Jurisdiction Desc	Newfoundland & Labrador	discount rate: 0.00%			
AccountCode Desc	Undiscounted IBNR Provision	interest rate margin: 0 basis pts			
AccountCode	(All)				
AccidentYear	(All)				
Sum of Amount		Prior Month	Current Month	1st Projected	2nd Projected
Business Segment		ShareYYMM			
		201904	201905	201906	201907
Private Passenger	prior	(11,000)	(11,000)	(9,000)	(8,000)
	2010	(5,000)	(5,000)	(4,000)	(4,000)
	2011	14,000	(5,000)	(4,000)	(4,000)
	2012	33,000	(10,000)	(8,000)	(8,000)
	2013	3,000	3,000	2,000	2,000
	2014	(54,000)	(41,000)	(33,000)	(31,000)
	2015	14,000	(32,000)	(31,000)	(31,000)
	2016	392,000	586,000	469,000	361,000
	2017	793,000	1,006,000	805,000	684,000
	2018	976,000	462,000	222,000	111,000
	2019	1,249,000	1,174,000	1,316,000	1,538,000
Private Passenger Total		3,404,000	3,127,000	2,725,000	2,610,000
Non Private Passenger	prior	6,000	6,000	6,000	6,000
	2010	2,000	2,000	2,000	2,000
	2011	2,000	2,000	2,000	2,000
	2012	11,000	11,000	11,000	11,000
	2013	(2,000)	(2,000)	(2,000)	(2,000)
	2014	(9,000)	(7,000)	(7,000)	(7,000)
	2015	(19,000)	188,000	160,000	158,000
	2016	271,000	308,000	262,000	249,000
	2017	244,000	470,000	399,000	359,000
	2018	508,000	821,000	698,000	593,000
	2019	471,000	447,000	485,000	510,000
Non Private Passenger Total		1,485,000	2,246,000	2,016,000	1,881,000
Grand Total		4,889,000	5,373,000	4,741,000	4,491,000

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)

page 2 of 10

Jurisdiction Desc	New Brunswick	discount rate: 0.00%			
AccountCode Desc	Undiscounted IBNR Provision	interest rate margin: 0 basis pts			
AccountCode	(All)				
AccidentYear	(All)				
Sum of Amount		Prior Month	Current Month	1st Projected	2nd Projected
Business Segment		ShareYMMM			
		201904	201905	201906	201907
Private Passenger	prior	39,000	(1,000)	(1,000)	(1,000)
	2010	29,000	29,000	28,000	28,000
	2011	63,000	78,000	76,000	75,000
	2012	126,000	112,000	109,000	108,000
	2013	233,000	185,000	179,000	177,000
	2014	186,000	158,000	153,000	151,000
	2015	272,000	95,000	92,000	91,000
	2016	659,000	809,000	785,000	777,000
	2017	2,910,000	2,805,000	2,777,000	2,749,000
	2018	3,784,000	3,749,000	3,712,000	3,638,000
	2019	1,431,000	1,914,000	2,310,000	2,657,000
Private Passenger Total		9,732,000	9,933,000	10,220,000	10,450,000
Non Private Passenger	prior	4,000	16,000	14,000	14,000
	2010	2,000	2,000	2,000	2,000
	2011	(1,000)	130,000	120,000	119,000
	2012	(41,000)	1,000	1,000	1,000
	2013	37,000	(12,000)	(11,000)	(11,000)
	2014	30,000	21,000	19,000	19,000
	2015	183,000	146,000	120,000	114,000
	2016	431,000	428,000	389,000	370,000
	2017	301,000	703,000	675,000	634,000
	2018	776,000	667,000	614,000	583,000
	2019	(217,000)	495,000	666,000	790,000
Non Private Passenger Total		1,505,000	2,597,000	2,609,000	2,635,000
Grand Total		11,237,000	12,530,000	12,829,000	13,085,000

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)

page 3 of 10

Jurisdiction Desc	Nova Scotia	discount rate: 0.00%			
AccountCode Desc	Undiscounted IBNR Provision	interest rate margin: 0 basis pts			
AccountCode	(All)				
AccidentYear	(All)				
Sum of Amount		Prior Month	Current Month	1st Projected	2nd Projected
Business Segment		ShareYMM			
		201904	201905	201906	201907
Private Passenger	prior	4,000	5,000	5,000	5,000
	2010	8,000	8,000	8,000	8,000
	2011	5,000	5,000	5,000	5,000
	2012	(28,000)	(28,000)	(28,000)	(27,000)
	2013	95,000	6,000	6,000	6,000
	2014	(105,000)	(15,000)	(15,000)	(15,000)
	2015	50,000	18,000	18,000	18,000
	2016	431,000	431,000	418,000	397,000
	2017	1,425,000	1,422,000	1,358,000	1,344,000
	2018	2,084,000	2,222,000	2,122,000	2,080,000
	2019	1,196,000	1,468,000	1,806,000	2,159,000
Private Passenger Total		5,165,000	5,542,000	5,703,000	5,980,000
Non Private Passenger	prior	(3,000)	(3,000)	(3,000)	(3,000)
	2010	(2,000)	(2,000)	(2,000)	(2,000)
	2011	(5,000)	(5,000)	(5,000)	(5,000)
	2012	(4,000)	(4,000)	(4,000)	(4,000)
	2013	(30,000)	-	-	-
	2014	76,000	8,000	8,000	8,000
	2015	297,000	283,000	269,000	256,000
	2016	355,000	685,000	664,000	657,000
	2017	1,076,000	1,077,000	1,012,000	972,000
	2018	1,843,000	2,054,000	1,972,000	1,893,000
	2019	1,385,000	1,571,000	1,691,000	1,905,000
Non Private Passenger Total		4,988,000	5,664,000	5,602,000	5,677,000
Grand Total		10,153,000	11,206,000	11,305,000	11,657,000

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)

page 4 of 10

Jurisdiction Desc	Prince Edward Island	discount rate: 0.00%			
AccountCode Desc	Undiscounted IBNR Provision	interest rate margin: 0 basis pts			
AccountCode	(All)				
AccidentYear	(All)				
Sum of Amount		Prior Month	Current Month	1st Projected	2nd Projected
Business Segment		ShareYMM			
		201904	201905	201906	201907
Private Passenger	prior	(5,000)	(5,000)	(5,000)	(5,000)
	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	1,000	153,000	151,000	149,000
	2015	37,000	29,000	29,000	27,000
	2016	(607,000)	313,000	310,000	307,000
	2017	20,000	273,000	270,000	267,000
	2018	533,000	469,000	464,000	459,000
	2019	221,000	225,000	251,000	271,000
Private Passenger Total		196,000	1,453,000	1,466,000	1,471,000
Non Private Passenger	prior	(1,000)	(1,000)	(1,000)	(1,000)
	2010	-	-	-	-
	2011	1,000	1,000	1,000	1,000
	2012	-	-	-	-
	2013	(36,000)	1,000	1,000	1,000
	2014	9,000	6,000	6,000	6,000
	2015	103,000	81,000	80,000	79,000
	2016	170,000	226,000	224,000	222,000
	2017	649,000	605,000	599,000	593,000
	2018	389,000	562,000	556,000	550,000
	2019	46,000	250,000	312,000	378,000
Non Private Passenger Total		1,330,000	1,731,000	1,778,000	1,829,000
Grand Total		1,526,000	3,184,000	3,244,000	3,300,000

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)

page 5 of 10

Jurisdiction Desc	Ontario	discount rate: 0.00%			
AccountCode Desc	Undiscounted IBNR Provision	interest rate margin: 0 basis pts			
AccountCode	(All)				
AccidentYear	(All)				
Sum of Amount		Prior Month	Current Month	1st Projected	2nd Projected
Business Segment		ShareYYMM			
		201904	201905	201906	201907
Private Passenger	prior	1,994,000	1,020,000	955,000	946,000
	2010	495,000	579,000	541,000	536,000
	2011	191,000	116,000	108,000	107,000
	2012	(21,000)	10,000	9,000	9,000
	2013	(176,000)	(21,000)	(20,000)	(20,000)
	2014	(1,585,000)	(74,000)	(69,000)	(68,000)
	2015	81,000	37,000	37,000	35,000
	2016	298,000	574,000	537,000	510,000
	2017	1,982,000	2,011,000	1,880,000	1,767,000
	2018	2,213,000	2,683,000	2,468,000	2,345,000
	2019	1,264,000	1,663,000	2,079,000	2,558,000
Private Passenger Total		6,736,000	8,598,000	8,525,000	8,725,000
Non Private Passenger	prior	36,000	37,000	33,000	30,000
	2010	37,000	37,000	33,000	30,000
	2011	257,000	127,000	114,000	105,000
	2012	21,000	138,000	124,000	114,000
	2013	(803,000)	116,000	104,000	96,000
	2014	(528,000)	276,000	248,000	228,000
	2015	857,000	510,000	482,000	463,000
	2016	1,886,000	1,649,000	1,558,000	1,480,000
	2017	3,721,000	3,644,000	3,444,000	3,272,000
	2018	8,193,000	8,685,000	8,207,000	7,797,000
	2019	9,339,000	10,677,000	12,667,000	14,640,000
Non Private Passenger Total		23,016,000	25,896,000	27,014,000	28,255,000
Grand Total		29,752,000	34,494,000	35,539,000	36,980,000

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)

page 6 of 10

Jurisdiction Desc	Alberta	discount rate: 0.00%			
AccountCode Desc	Undiscounted IBNR Provision	interest rate margin: 0 basis pts			
AccountCode	(All)				
AccidentYear	(All)				
Sum of Amount		Prior Month	Current Month	1st Projected	2nd Projected
Business Segment		ShareYMM			
		201904	201905	201906	201907
Private Passenger	prior	(38,000)	(38,000)	(37,000)	(37,000)
	2010	29,000	29,000	28,000	28,000
	2011	264,000	49,000	48,000	48,000
	2012	301,000	253,000	245,000	243,000
	2013	20,000	157,000	152,000	150,000
	2014	350,000	308,000	299,000	296,000
	2015	560,000	390,000	378,000	374,000
	2016	410,000	448,000	435,000	431,000
	2017	1,068,000	989,000	959,000	834,000
	2018	880,000	1,044,000	1,013,000	1,003,000
	2019	353,000	369,000	439,000	511,000
Private Passenger Total		4,197,000	3,998,000	3,959,000	3,881,000
Non Private Passenger	prior	15,000	197,000	178,000	175,000
	2010	6,000	6,000	5,000	5,000
	2011	16,000	(84,000)	(76,000)	(74,000)
	2012	28,000	(84,000)	(76,000)	(74,000)
	2013	388,000	338,000	304,000	298,000
	2014	951,000	247,000	222,000	218,000
	2015	1,724,000	1,641,000	1,559,000	1,512,000
	2016	2,676,000	2,503,000	2,253,000	2,028,000
	2017	2,058,000	3,444,000	3,100,000	2,821,000
	2018	1,489,000	5,936,000	5,342,000	4,541,000
	2019	6,320,000	7,207,000	8,226,000	9,216,000
Non Private Passenger Total		15,671,000	21,351,000	21,037,000	20,666,000
Grand Total		19,868,000	25,349,000	24,996,000	24,547,000

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)

page 7 of 10

Jurisdiction Desc	Yukon	discount rate: 0.00%			
AccountCode Desc	Undiscounted IBNR Provision	interest rate margin: 0 basis pts			
AccountCode	(All)				
AccidentYear	(All)				
Sum of Amount		Prior Month	Current Month	1st Projected	2nd Projected
Business Segment		ShareYMMM			
		201904	201905	201906	201907
Private Passenger	prior	4,000	4,000	4,000	4,000
	2010	1,000	1,000	1,000	1,000
	2011	4,000	4,000	4,000	4,000
	2012	8,000	6,000	6,000	6,000
	2013	15,000	13,000	13,000	13,000
	2014	33,000	28,000	28,000	28,000
	2015	61,000	53,000	52,000	51,000
	2016	150,000	146,000	145,000	144,000
	2017	66,000	81,000	80,000	79,000
	2018	180,000	183,000	181,000	156,000
	2019	67,000	82,000	85,000	92,000
Private Passenger Total		589,000	601,000	599,000	578,000
Non Private Passenger	prior	2,000	2,000	2,000	2,000
	2010	-	-	-	-
	2011	-	-	-	-
	2012	1,000	1,000	1,000	1,000
	2013	4,000	2,000	2,000	2,000
	2014	8,000	6,000	6,000	6,000
	2015	34,000	31,000	31,000	31,000
	2016	53,000	69,000	68,000	67,000
	2017	153,000	147,000	146,000	145,000
	2018	(27,000)	122,000	110,000	106,000
	2019	139,000	181,000	198,000	227,000
Non Private Passenger Total		367,000	561,000	564,000	587,000
Grand Total		956,000	1,162,000	1,163,000	1,165,000

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)

page 8 of 10

Jurisdiction Desc	Northwest Territories	discount rate: 0.00%			
AccountCode Desc	Undiscounted IBNR Provision	interest rate margin: 0 basis pts			
AccountCode	(All)				
AccidentYear	(All)				
Sum of Amount		Prior Month	Current Month	1st Projected	2nd Projected
Business Segment		ShareYYMM			
		201904	201905	201906	201907
Private Passenger	prior	(2,000)	(2,000)	(2,000)	(2,000)
	2010	(1,000)	(1,000)	(1,000)	(1,000)
	2011	3,000	3,000	3,000	3,000
	2012	9,000	9,000	9,000	9,000
	2013	14,000	10,000	10,000	10,000
	2014	44,000	36,000	36,000	36,000
	2015	89,000	78,000	77,000	76,000
	2016	238,000	227,000	225,000	223,000
	2017	339,000	211,000	209,000	207,000
	2018	448,000	477,000	425,000	416,000
	2019	70,000	126,000	167,000	210,000
Private Passenger Total		1,251,000	1,174,000	1,158,000	1,187,000
Non Private Passenger	prior	2,000	2,000	2,000	2,000
	2010	1,000	1,000	1,000	1,000
	2011	-	-	-	-
	2012	-	-	-	-
	2013	11,000	11,000	11,000	11,000
	2014	11,000	9,000	9,000	9,000
	2015	36,000	29,000	29,000	29,000
	2016	127,000	126,000	125,000	124,000
	2017	259,000	240,000	238,000	236,000
	2018	261,000	195,000	193,000	189,000
	2019	(101,000)	(134,000)	(118,000)	(85,000)
Non Private Passenger Total		607,000	479,000	490,000	516,000
Grand Total		1,858,000	1,653,000	1,648,000	1,703,000

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)

page 9 of 10

Jurisdiction Desc	Nunavut	discount rate: 0.00%			
AccountCode Desc	Undiscounted IBNR Provision	interest rate margin: 0 basis pts			
AccountCode	(All)				
AccidentYear	(All)				
Sum of Amount		Prior Month	Current Month	1st Projected	2nd Projected
Business Segment		ShareYMMM			
		201904	201905	201906	201907
Private Passenger	prior	(1,000)	(1,000)	(1,000)	(1,000)
	2010	-	-	-	-
	2011	-	-	-	-
	2012	1,000	1,000	1,000	1,000
	2013	2,000	2,000	2,000	2,000
	2014	9,000	7,000	7,000	7,000
	2015	13,000	12,000	12,000	12,000
	2016	38,000	37,000	35,000	33,000
	2017	40,000	29,000	28,000	27,000
	2018	33,000	36,000	34,000	32,000
	2019	15,000	18,000	19,000	18,000
Private Passenger Total		150,000	141,000	137,000	131,000
Non Private Passenger	prior	-	-	-	-
	2010	-	-	-	-
	2011	-	-	-	-
	2012	-	-	-	-
	2013	14,000	11,000	11,000	11,000
	2014	7,000	5,000	5,000	5,000
	2015	(41,000)	18,000	18,000	18,000
	2016	75,000	84,000	83,000	82,000
	2017	162,000	173,000	171,000	169,000
	2018	197,000	230,000	228,000	226,000
	2019	53,000	74,000	95,000	115,000
Non Private Passenger Total		467,000	595,000	611,000	626,000
Grand Total		617,000	736,000	748,000	757,000

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)

page 10 of 10

Jurisdiction Desc	(All)	discount rate: 0.00%			
AccountCode Desc	Undiscounted IBNR Provision	interest rate margin: 0 basis pts			
AccountCode	(All)				
AccidentYear	(All)				
Sum of Amount		Prior Month	Current Month	1st Projected	2nd Projected
Business Segment		ShareYMM			
		201904	201905	201906	201907
Private Passenger	prior	1,984,000	971,000	909,000	901,000
	2010	555,000	639,000	600,000	595,000
	2011	543,000	249,000	239,000	237,000
	2012	429,000	353,000	343,000	341,000
	2013	204,000	353,000	342,000	338,000
	2014	(1,121,000)	560,000	557,000	553,000
	2015	1,177,000	680,000	664,000	653,000
	2016	2,009,000	3,571,000	3,359,000	3,183,000
	2017	8,643,000	8,827,000	8,366,000	7,958,000
	2018	11,131,000	11,325,000	10,641,000	10,240,000
	2019	5,866,000	7,039,000	8,472,000	10,014,000
Private Passenger Total		31,420,000	34,567,000	34,492,000	35,013,000
Non Private Passenger	prior	61,000	256,000	231,000	225,000
	2010	46,000	46,000	41,000	38,000
	2011	270,000	171,000	156,000	148,000
	2012	16,000	63,000	57,000	49,000
	2013	(417,000)	465,000	420,000	406,000
	2014	555,000	571,000	516,000	492,000
	2015	3,174,000	2,927,000	2,748,000	2,660,000
	2016	6,044,000	6,078,000	5,626,000	5,279,000
	2017	8,623,000	10,503,000	9,784,000	9,201,000
	2018	13,629,000	19,272,000	17,920,000	16,478,000
	2019	17,435,000	20,768,000	24,222,000	27,696,000
Non Private Passenger Total		49,436,000	61,120,000	61,721,000	62,672,000
Grand Total		80,856,000	95,687,000	96,213,000	97,685,000

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: 1.48%
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	201904	201905	201906	201907
Private Passenger	prior	113,000	117,000	116,000	115,000
	2010	84,000	86,000	86,000	84,000
	2011	87,000	90,000	88,000	87,000
	2012	141,000	143,000	141,000	138,000
	2013	240,000	245,000	241,000	238,000
	2014	176,000	178,000	173,000	169,000
	2015	376,000	400,000	396,000	392,000
	2016	349,000	372,000	368,000	363,000
	2017	255,000	257,000	253,000	248,000
	2018	402,000	427,000	423,000	419,000
	2019	124,000	160,000	193,941	228,941
Private Passenger Total		2,347,000	2,475,000	2,478,941	2,481,941
Non Private Passenger	prior	44,000	44,000	44,000	44,000
	2010	30,000	30,000	30,000	30,000
	2011	26,000	26,000	26,000	26,000
	2012	39,000	39,000	38,000	36,000
	2013	63,000	64,000	63,000	62,000
	2014	49,000	49,000	48,000	46,000
	2015	115,000	121,000	120,000	119,000
	2016	116,000	124,000	123,000	122,000
	2017	89,000	90,000	89,000	88,000
	2018	152,000	162,000	160,000	157,000
	2019	49,000	62,000	73,671	86,671
Non Private Passenger Total		772,000	811,000	814,671	816,671
Grand Total		3,119,000	3,286,000	3,293,612	3,298,612

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: 1.48%
					interest rate margin: 25 basis pts
Sum of Amount		Prior Month	Current Month	1st Projected	2nd Projected
Business Segment	Acc Year	ShareYYMM			
		201904	201905	201906	201907
Private Passenger	prior	135,000	120,000	116,000	114,000
	2010	86,000	86,000	84,000	82,000
	2011	108,000	102,000	98,000	95,000
	2012	133,000	134,000	130,000	126,000
	2013	158,000	159,000	154,000	151,000
	2014	254,000	252,000	247,000	240,000
	2015	302,000	288,000	269,000	263,000
	2016	227,000	241,000	235,000	228,000
	2017	240,000	254,000	247,000	242,000
	2018	292,000	295,000	276,000	270,000
	2019	74,000	123,000	145,908	172,908
Private Passenger Total		2,009,000	2,054,000	2,001,908	1,983,908
Non Private Passenger	prior	106,000	91,000	89,000	86,000
	2010	69,000	71,000	70,000	69,000
	2011	81,000	75,000	74,000	73,000
	2012	98,000	99,000	97,000	95,000
	2013	110,000	111,000	109,000	107,000
	2014	163,000	162,000	160,000	158,000
	2015	186,000	177,000	167,000	165,000
	2016	136,000	144,000	142,000	140,000
	2017	152,000	162,000	159,000	156,000
	2018	209,000	211,000	199,000	196,000
	2019	57,000	95,000	112,619	131,619
Non Private Passenger Total		1,367,000	1,398,000	1,378,619	1,376,619
Grand Total		3,376,000	3,452,000	3,380,527	3,360,527

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

page 3 of 10

Jurisdiction Desc	Nova Scotia	discount rate: 1.48%			
AccountCode Desc	Retro Claims Expense	interest rate margin: 25 basis pts			
AccountCode	(All)				
AccidentYear	(All)				
Sum of Amount		Prior Month	Current Month	1st Projected	2nd Projected
Business Segment		ShareYYMM			
		201904	201905	201906	201907
Private Passenger	prior	348,000	354,000	344,000	337,000
	2010	77,000	79,000	77,000	76,000
	2011	79,000	79,000	78,000	77,000
	2012	77,000	78,000	77,000	76,000
	2013	64,000	65,000	64,000	64,000
	2014	139,000	140,000	131,000	130,000
	2015	83,000	83,000	81,000	79,000
	2016	128,000	145,000	142,000	140,000
	2017	162,000	164,000	163,000	161,000
	2018	220,000	239,000	237,000	236,000
	2019	91,000	120,000	144,502	172,502
Private Passenger Total		1,468,000	1,546,000	1,538,502	1,548,502
Non Private Passenger	prior	104,000	105,000	103,000	102,000
	2010	62,000	62,000	61,000	59,000
	2011	74,000	75,000	74,000	73,000
	2012	83,000	84,000	82,000	81,000
	2013	81,000	82,000	79,000	78,000
	2014	182,000	184,000	172,000	170,000
	2015	113,000	115,000	112,000	110,000
	2016	177,000	199,000	195,000	193,000
	2017	217,000	219,000	216,000	213,000
	2018	271,000	295,000	293,000	290,000
	2019	91,000	118,000	140,820	166,820
Non Private Passenger Total		1,455,000	1,538,000	1,527,820	1,535,820
Grand Total		2,923,000	3,084,000	3,066,322	3,084,322

EXHIBIT C-1

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

page 4 of 10

Jurisdiction Desc	Prince Edward Island				
AccountCode Desc	Retro Claims Expense				discount rate: 1.48%
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	201904	201905	201906	201907
Private Passenger	prior	62,000	62,000	62,000	62,000
	2010	15,000	15,000	15,000	15,000
	2011	23,000	23,000	23,000	23,000
	2012	31,000	31,000	30,000	29,000
	2013	37,000	37,000	36,000	35,000
	2014	47,000	48,000	47,000	45,000
	2015	44,000	42,000	41,000	40,000
	2016	48,000	111,000	110,000	109,000
	2017	80,000	95,000	94,000	93,000
	2018	64,000	70,000	68,000	67,000
	2019	6,000	13,000	15,047	19,047
Private Passenger Total		457,000	547,000	541,047	537,047
Non Private Passenger	prior	22,000	22,000	22,000	22,000
	2010	10,000	10,000	10,000	10,000
	2011	13,000	13,000	13,000	13,000
	2012	16,000	16,000	16,000	16,000
	2013	21,000	22,000	22,000	22,000
	2014	28,000	28,000	28,000	28,000
	2015	28,000	27,000	26,000	24,000
	2016	31,000	73,000	72,000	70,000
	2017	53,000	62,000	61,000	60,000
	2018	49,000	53,000	52,000	51,000
	2019	5,000	12,000	14,753	16,753
Non Private Passenger Total		276,000	338,000	336,753	332,753
Grand Total		733,000	885,000	877,800	869,800

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

page 5 of 10

Jurisdiction Desc	Ontario	discount rate: 1.48%			
AccountCode Desc	Retro Claims Expense	interest rate margin: 25 basis pts			
AccountCode	(All)				
AccidentYear	(All)				
Sum of Amount		Prior Month	Current Month	1st Projected	2nd Projected
Business Segment		ShareYYMM			
	Acc Year	201904	201905	201906	201907
Private Passenger	prior	3,230,000	3,267,000	3,167,000	3,071,000
	2010	449,000	460,000	447,000	434,000
	2011	572,000	586,000	569,000	551,000
	2012	718,000	737,000	715,000	693,000
	2013	630,000	640,000	621,000	602,000
	2014	500,000	595,000	579,000	561,000
	2015	588,000	583,000	566,000	552,000
	2016	529,000	534,000	519,000	505,000
	2017	465,000	471,000	453,000	424,000
	2018	653,000	691,000	670,000	649,000
	2019	206,000	261,000	318,234	380,234
Private Passenger Total		8,540,000	8,825,000	8,624,234	8,422,234
Non Private Passenger	prior	976,000	991,000	973,000	954,000
	2010	343,000	349,000	342,000	336,000
	2011	466,000	476,000	465,000	456,000
	2012	711,000	717,000	703,000	689,000
	2013	967,000	981,000	961,000	942,000
	2014	953,000	1,124,000	1,103,000	1,082,000
	2015	1,321,000	1,302,000	1,277,000	1,255,000
	2016	1,175,000	1,186,000	1,164,000	1,142,000
	2017	1,036,000	1,049,000	1,024,000	968,000
	2018	2,056,000	2,180,000	2,138,000	2,093,000
	2019	746,000	923,000	1,102,675	1,307,675
Non Private Passenger Total		10,750,000	11,278,000	11,252,675	11,224,675
Grand Total		19,290,000	20,103,000	19,876,909	19,646,909

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

page 6 of 10

Jurisdiction Desc	Alberta	discount rate: 1.48%			
AccountCode Desc	Retro Claims Expense	interest rate margin: 25 basis pts			
AccountCode	(All)				
AccidentYear	(All)				
Sum of Amount		Prior Month	Current Month	1st Projected	2nd Projected
Business Segment		ShareYYMM			
		201904	201905	201906	201907
Private Passenger	prior	337,000	337,000	331,000	323,000
	2010	30,000	31,000	30,000	29,000
	2011	59,000	59,000	57,000	56,000
	2012	56,000	56,000	55,000	54,000
	2013	81,000	77,000	76,000	75,000
	2014	88,000	89,000	87,000	85,000
	2015	56,000	45,000	44,000	43,000
	2016	75,000	72,000	71,000	70,000
	2017	51,000	55,000	54,000	53,000
	2018	52,000	99,000	98,000	97,000
	2019	(11,000)	(14,000)	(15,018)	(18,018)
Private Passenger Total		874,000	906,000	887,982	866,982
Non Private Passenger	prior	978,000	997,000	990,000	980,000
	2010	112,000	112,000	111,000	110,000
	2011	187,000	192,000	189,000	187,000
	2012	201,000	204,000	202,000	200,000
	2013	310,000	301,000	298,000	295,000
	2014	382,000	385,000	381,000	376,000
	2015	269,000	212,000	210,000	207,000
	2016	398,000	386,000	383,000	380,000
	2017	319,000	348,000	344,000	342,000
	2018	413,000	772,000	767,000	763,000
	2019	(113,000)	(135,000)	(162,112)	(184,112)
Non Private Passenger Total		3,456,000	3,774,000	3,712,888	3,655,888
Grand Total		4,330,000	4,680,000	4,600,870	4,522,870

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

page 7 of 10

Jurisdiction Desc	Yukon	discount rate: 1.48%			
AccountCode Desc	Retro Claims Expense	interest rate margin: 25 basis pts			
AccountCode	(All)				
AccidentYear	(All)				
Sum of Amount		Prior Month	Current Month	1st Projected	2nd Projected
Business Segment		ShareYYMM			
		201904	201905	201906	201907
Private Passenger	prior	2,000	2,000	2,000	2,000
	2010	2,000	2,000	2,000	2,000
	2011	3,000	3,000	3,000	3,000
	2012	4,000	4,000	4,000	4,000
	2013	6,000	6,000	6,000	6,000
	2014	(12,000)	(13,000)	(13,000)	(13,000)
	2015	(12,000)	(14,000)	(14,000)	(14,000)
	2016	4,000	4,000	4,000	4,000
	2017	21,000	21,000	21,000	21,000
	2018	10,000	13,000	13,000	13,000
	2019		-	(240)	(240)
Private Passenger Total		28,000	28,000	27,760	27,760
Non Private Passenger	prior	2,000	2,000	2,000	2,000
	2010	3,000	3,000	3,000	3,000
	2011	4,000	4,000	4,000	4,000
	2012	7,000	7,000	7,000	7,000
	2013	9,000	9,000	9,000	9,000
	2014	(17,000)	(17,000)	(17,000)	(17,000)
	2015	(17,000)	(20,000)	(20,000)	(20,000)
	2016	9,000	7,000	7,000	7,000
	2017	68,000	69,000	69,000	69,000
	2018	35,000	49,000	49,000	49,000
	2019	(2,000)	(3,000)	(2,213)	(2,213)
Non Private Passenger Total		101,000	110,000	110,787	110,787
Grand Total		129,000	138,000	138,547	138,547

EXHIBIT C-1

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

page 8 of 10

Jurisdiction Desc	Northwest Territories				
AccountCode Desc	Retro Claims Expense				discount rate: 1.48%
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	201904	201905	201906	201907
Private Passenger	prior	11,000	11,000	11,000	11,000
	2010	12,000	12,000	12,000	12,000
	2011	16,000	17,000	17,000	17,000
	2012	20,000	21,000	21,000	21,000
	2013	24,000	24,000	24,000	24,000
	2014	27,000	27,000	27,000	27,000
	2015	10,000	10,000	10,000	10,000
	2016	24,000	24,000	24,000	24,000
	2017	6,000	(6,000)	(6,000)	(6,000)
	2018	17,000	20,000	20,000	20,000
	2019	(9,000)	(12,000)	(18,735)	(20,735)
Private Passenger Total		158,000	148,000	141,265	139,265
Non Private Passenger	prior	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	8,000	8,000	8,000	8,000
	2013	9,000	9,000	9,000	9,000
	2014	9,000	9,000	9,000	9,000
	2015	4,000	4,000	4,000	4,000
	2016	9,000	9,000	9,000	9,000
	2017	3,000	(3,000)	(3,000)	(3,000)
	2018	9,000	10,000	10,000	10,000
	2019	(6,000)	(6,000)	(11,141)	(12,141)
Non Private Passenger Total		57,000	52,000	46,859	45,859
Grand Total		215,000	200,000	188,124	185,124

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

page 9 of 10

Jurisdiction Desc	Nunavut	discount rate: 1.48%			
AccountCode Desc	Retro Claims Expense	interest rate margin: 25 basis pts			
AccountCode	(All)				
AccidentYear	(All)				
Sum of Amount		Prior Month	Current Month	1st Projected	2nd Projected
Business Segment		ShareYYMM			
	Acc Year	201904	201905	201906	201907
Private Passenger	prior	2,000	2,000	2,000	2,000
	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	(6,000)	(6,000)	(6,000)	(6,000)
	2015	6,000	6,000	6,000	6,000
	2016	4,000	4,000	4,000	4,000
	2017	2,000	2,000	2,000	2,000
	2018	1,000	2,000	2,000	2,000
	2019	(2,000)	(2,000)	(1,720)	(1,720)
Private Passenger Total		27,000	28,000	28,280	28,280
Non Private Passenger	prior	1,000	1,000	1,000	1,000
	2010	2,000	2,000	2,000	2,000
	2011	3,000	3,000	3,000	3,000
	2012	4,000	4,000	4,000	4,000
	2013	4,000	4,000	4,000	4,000
	2014	(6,000)	(6,000)	(6,000)	(6,000)
	2015	6,000	6,000	6,000	6,000
	2016	6,000	6,000	6,000	6,000
	2017	6,000	6,000	6,000	6,000
	2018	4,000	7,000	6,000	6,000
	2019	(5,000)	(7,000)	(5,976)	(7,976)
Non Private Passenger Total		25,000	26,000	26,024	24,024
Grand Total		52,000	54,000	54,304	52,304

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: 1.48%	
				interest rate margin: 25 basis pts	
Sum of Amount		Prior Month	Current Month	1st Projected	2nd Projected
Business Segment	Acc Year	ShareYMM			
		201904	201905	201906	201907
Private Passenger	prior	4,240,000	4,272,000	4,151,000	4,037,000
	2010	758,000	774,000	756,000	737,000
	2011	951,000	963,000	937,000	913,000
	2012	1,186,000	1,210,000	1,179,000	1,147,000
	2013	1,247,000	1,260,000	1,229,000	1,202,000
	2014	1,213,000	1,310,000	1,272,000	1,238,000
	2015	1,453,000	1,443,000	1,399,000	1,371,000
	2016	1,388,000	1,507,000	1,477,000	1,447,000
	2017	1,282,000	1,313,000	1,281,000	1,238,000
	2018	1,711,000	1,856,000	1,807,000	1,773,000
	2019	479,000	649,000	781,919	932,919
Private Passenger Total		15,908,000	16,557,000	16,269,919	16,035,919
Non Private Passenger	prior	2,235,000	2,255,000	2,226,000	2,193,000
	2010	635,000	643,000	633,000	623,000
	2011	860,000	870,000	854,000	841,000
	2012	1,167,000	1,178,000	1,157,000	1,136,000
	2013	1,574,000	1,583,000	1,554,000	1,528,000
	2014	1,743,000	1,918,000	1,878,000	1,846,000
	2015	2,025,000	1,944,000	1,902,000	1,870,000
	2016	2,057,000	2,134,000	2,101,000	2,069,000
	2017	1,943,000	2,002,000	1,965,000	1,899,000
	2018	3,198,000	3,739,000	3,674,000	3,615,000
	2019	822,000	1,059,000	1,263,096	1,503,096
Non Private Passenger Total		18,259,000	19,325,000	19,207,096	19,123,096
Grand Total		34,167,000	35,882,000	35,477,015	35,159,015

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				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	ShareYYMM				
Business Segment	Acc Year	201904	201905	201906	201907
Private Passenger	prior	110,000	110,000	109,000	108,000
	2010	86,000	86,000	85,000	84,000
	2011	89,000	89,000	88,000	87,000
	2012	137,000	137,000	135,000	133,000
	2013	234,000	234,000	230,000	227,000
	2014	136,000	136,000	132,000	128,000
	2015	341,000	341,000	337,000	333,000
	2016	272,000	313,000	309,000	305,000
	2017	153,000	174,000	170,000	166,000
	2018	284,000	326,000	322,000	318,000
	2019	85,000	108,000	134,941	158,941
Private Passenger Total		1,927,000	2,054,000	2,051,941	2,047,941
Non Private Passenger	prior	40,000	40,000	40,000	40,000
	2010	27,000	27,000	27,000	27,000
	2011	26,000	26,000	26,000	26,000
	2012	36,000	36,000	35,000	34,000
	2013	59,000	59,000	58,000	57,000
	2014	37,000	37,000	36,000	35,000
	2015	102,000	102,000	101,000	100,000
	2016	90,000	103,000	102,000	101,000
	2017	53,000	60,000	59,000	58,000
	2018	107,000	123,000	121,000	119,000
	2019	33,000	42,000	51,671	59,671
Non Private Passenger Total		610,000	655,000	656,671	656,671
Grand Total		2,537,000	2,709,000	2,708,612	2,704,612

EXHIBIT C-2

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

page 2 of 10

Jurisdiction Desc	New Brunswick	discount rate: 0.00%			
AccountCode Desc	Undiscounted Retro Claims Expense	interest rate margin: 0 basis pts			
AccountCode	(All)				
AccidentYear	(All)				
		Prior Month	Current Month	1st Projected	2nd Projected
Sum of Amount	ShareYYMM				
Business Segment	Acc Year	201904	201905	201906	201907
Private Passenger	prior	125,000	108,000	105,000	103,000
	2010	80,000	80,000	78,000	76,000
	2011	102,000	95,000	92,000	89,000
	2012	126,000	126,000	122,000	118,000
	2013	147,000	147,000	143,000	139,000
	2014	227,000	224,000	219,000	214,000
	2015	253,000	248,000	242,000	237,000
	2016	172,000	185,000	179,000	173,000
	2017	187,000	187,000	181,000	175,000
	2018	216,000	216,000	210,000	204,000
	2019	44,000	83,000	99,908	118,908
Private Passenger Total		1,679,000	1,699,000	1,670,908	1,646,908
Non Private Passenger	prior	100,000	85,000	82,000	79,000
	2010	67,000	67,000	66,000	65,000
	2011	76,000	71,000	70,000	69,000
	2012	93,000	93,000	91,000	89,000
	2013	104,000	104,000	102,000	100,000
	2014	148,000	146,000	144,000	142,000
	2015	156,000	153,000	151,000	149,000
	2016	104,000	111,000	109,000	107,000
	2017	120,000	120,000	117,000	114,000
	2018	156,000	156,000	153,000	150,000
	2019	34,000	64,000	77,619	90,619
Non Private Passenger Total		1,158,000	1,170,000	1,162,619	1,154,619
Grand Total		2,837,000	2,869,000	2,833,527	2,801,527

EXHIBIT C-2

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

page 3 of 10

Jurisdiction Desc	Nova Scotia	discount rate: 0.00%			
AccountCode Desc	Undiscounted Retro Claims Expense	interest rate margin: 0 basis pts			
AccountCode	(All)				
AccidentYear	(All)				
		Prior Month	Current Month	1st Projected	2nd Projected
Sum of Amount	ShareYYMM				
Business Segment	Acc Year	201904	201905	201906	201907
Private Passenger	prior	334,000	334,000	327,000	320,000
	2010	79,000	79,000	77,000	75,000
	2011	72,000	72,000	71,000	70,000
	2012	74,000	74,000	73,000	72,000
	2013	62,000	62,000	61,000	60,000
	2014	120,000	120,000	119,000	118,000
	2015	69,000	69,000	67,000	65,000
	2016	108,000	116,000	114,000	112,000
	2017	124,000	132,000	130,000	128,000
	2018	167,000	186,000	184,000	182,000
	2019	64,000	84,000	101,502	121,502
Private Passenger Total		1,273,000	1,328,000	1,324,502	1,323,502
Non Private Passenger	prior	94,000	94,000	93,000	92,000
	2010	56,000	56,000	55,000	54,000
	2011	71,000	71,000	70,000	69,000
	2012	82,000	82,000	80,000	78,000
	2013	76,000	76,000	74,000	73,000
	2014	157,000	157,000	155,000	153,000
	2015	94,000	94,000	92,000	90,000
	2016	149,000	159,000	156,000	153,000
	2017	166,000	176,000	173,000	170,000
	2018	206,000	229,000	226,000	223,000
	2019	64,000	82,000	99,820	117,820
Non Private Passenger Total		1,215,000	1,276,000	1,273,820	1,272,820
Grand Total		2,488,000	2,604,000	2,598,322	2,596,322

EXHIBIT C-2

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

page 4 of 10

Jurisdiction Desc	Prince Edward Island	discount rate: 0.00%			
AccountCode Desc	Undiscounted Retro Claims Expense	interest rate margin: 0 basis pts			
AccountCode	(All)				
AccidentYear	(All)				
Sum of Amount		Prior Month	Current Month	1st Projected	2nd Projected
Business Segment		ShareYYMM			
	Acc Year	201904	201905	201906	201907
Private Passenger	prior	56,000	56,000	56,000	56,000
	2010	15,000	15,000	15,000	15,000
	2011	21,000	21,000	21,000	21,000
	2012	28,000	28,000	27,000	26,000
	2013	34,000	34,000	33,000	32,000
	2014	42,000	42,000	41,000	40,000
	2015	34,000	34,000	33,000	32,000
	2016	40,000	99,000	98,000	97,000
	2017	66,000	80,000	79,000	78,000
	2018	43,000	48,000	47,000	46,000
	2019	2,000	6,000	7,047	8,047
Private Passenger Total		381,000	463,000	457,047	451,047
Non Private Passenger	prior	20,000	20,000	20,000	20,000
	2010	10,000	10,000	10,000	10,000
	2011	12,000	12,000	12,000	12,000
	2012	16,000	16,000	16,000	16,000
	2013	21,000	21,000	21,000	21,000
	2014	26,000	26,000	26,000	26,000
	2015	22,000	22,000	21,000	20,000
	2016	26,000	65,000	64,000	63,000
	2017	44,000	53,000	52,000	51,000
	2018	33,000	37,000	36,000	35,000
	2019	1,000	5,000	7,753	7,753
Non Private Passenger Total		231,000	287,000	285,753	281,753
Grand Total		612,000	750,000	742,800	732,800

EXHIBIT C-2

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

page 5 of 10

Jurisdiction Desc	Ontario	discount rate: 0.00%			
AccountCode Desc	Undiscounted Retro Claims Expense	interest rate margin: 0 basis pts			
AccountCode	(All)				
AccidentYear	(All)				
		Prior Month	Current Month	1st Projected	2nd Projected
Sum of Amount	ShareYYMM				
Business Segment	Acc Year	201904	201905	201906	201907
Private Passenger	prior	3,160,000	3,160,000	3,064,000	2,971,000
	2010	442,000	442,000	429,000	416,000
	2011	576,000	576,000	559,000	542,000
	2012	727,000	727,000	705,000	684,000
	2013	609,000	609,000	591,000	573,000
	2014	459,000	529,000	513,000	497,000
	2015	537,000	523,000	508,000	494,000
	2016	455,000	455,000	441,000	428,000
	2017	384,000	384,000	368,000	353,000
	2018	529,000	561,000	542,000	524,000
	2019	145,000	175,000	216,234	259,234
Private Passenger Total		8,023,000	8,141,000	7,936,234	7,741,234
Non Private Passenger	prior	946,000	946,000	928,000	910,000
	2010	331,000	331,000	324,000	318,000
	2011	456,000	456,000	447,000	438,000
	2012	666,000	666,000	653,000	640,000
	2013	928,000	928,000	909,000	891,000
	2014	856,000	986,000	966,000	946,000
	2015	1,197,000	1,166,000	1,144,000	1,122,000
	2016	1,009,000	1,009,000	989,000	969,000
	2017	854,000	854,000	831,000	808,000
	2018	1,667,000	1,767,000	1,728,000	1,689,000
	2019	528,000	622,000	757,675	897,675
Non Private Passenger Total		9,438,000	9,731,000	9,676,675	9,628,675
Grand Total		17,461,000	17,872,000	17,612,909	17,369,909

EXHIBIT C-2

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

page 6 of 10

Jurisdiction Desc	Alberta	discount rate: 0.00%			
AccountCode Desc	Undiscounted Retro Claims Expense	interest rate margin: 0 basis pts			
AccountCode	(All)				
AccidentYear	(All)				
		Prior Month	Current Month	1st Projected	2nd Projected
Sum of Amount	ShareYYMM				
Business Segment	Acc Year	201904	201905	201906	201907
Private Passenger	prior	305,000	305,000	299,000	293,000
	2010	29,000	29,000	28,000	27,000
	2011	55,000	55,000	54,000	53,000
	2012	53,000	53,000	52,000	51,000
	2013	75,000	72,000	71,000	70,000
	2014	83,000	83,000	81,000	79,000
	2015	29,000	29,000	28,000	27,000
	2016	52,000	49,000	48,000	47,000
	2017	47,000	47,000	46,000	45,000
	2018	49,000	72,000	71,000	70,000
	2019	(12,000)	(15,000)	(19,018)	(22,018)
Private Passenger Total		765,000	779,000	758,982	739,982
Non Private Passenger	prior	960,000	960,000	951,000	942,000
	2010	102,000	102,000	101,000	100,000
	2011	186,000	186,000	184,000	182,000
	2012	194,000	194,000	192,000	190,000
	2013	295,000	283,000	280,000	277,000
	2014	359,000	359,000	355,000	351,000
	2015	139,000	139,000	137,000	135,000
	2016	274,000	259,000	256,000	253,000
	2017	297,000	297,000	294,000	291,000
	2018	387,000	566,000	562,000	558,000
	2019	(122,000)	(149,000)	(194,112)	(221,112)
Non Private Passenger Total		3,071,000	3,196,000	3,117,888	3,057,888
Grand Total		3,836,000	3,975,000	3,876,870	3,797,870

EXHIBIT C-2

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

page 7 of 10

Jurisdiction Desc	Yukon	discount rate: 0.00%			
AccountCode Desc	Undiscounted Retro Claims Expense	interest rate margin: 0 basis pts			
AccountCode	(All)				
AccidentYear	(All)				
		Prior Month	Current Month	1st Projected	2nd Projected
Sum of Amount	ShareYYMM				
Business Segment	Acc Year	201904	201905	201906	201907
Private Passenger	prior	2,000	2,000	2,000	2,000
	2010	2,000	2,000	2,000	2,000
	2011	3,000	3,000	3,000	3,000
	2012	4,000	4,000	4,000	4,000
	2013	5,000	5,000	5,000	5,000
	2014	(15,000)	(15,000)	(15,000)	(15,000)
	2015	(14,000)	(15,000)	(15,000)	(15,000)
	2016	2,000	2,000	2,000	2,000
	2017	18,000	18,000	18,000	18,000
	2018	8,000	11,000	11,000	11,000
	2019	(1,000)	(1,000)	(1,240)	(1,240)
Private Passenger Total		14,000	16,000	15,760	15,760
Non Private Passenger	prior	2,000	2,000	2,000	2,000
	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	8,000	8,000	8,000	8,000
	2014	(20,000)	(20,000)	(20,000)	(20,000)
	2015	(20,000)	(21,000)	(21,000)	(21,000)
	2016	5,000	5,000	5,000	5,000
	2017	57,000	58,000	58,000	58,000
	2018	28,000	39,000	39,000	39,000
	2019	(5,000)	(6,000)	(6,213)	(7,213)
Non Private Passenger Total		68,000	78,000	77,787	76,787
Grand Total		82,000	94,000	93,547	92,547

EXHIBIT C-2

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

page 8 of 10

Jurisdiction Desc	Northwest Territories	discount rate: 0.00%			
AccountCode Desc	Undiscounted Retro Claims Expense	interest rate margin: 0 basis pts			
AccountCode	(All)				
AccidentYear	(All)				
Sum of Amount		Prior Month	Current Month	1st Projected	2nd Projected
Business Segment		ShareYYMM			
	Acc Year	201904	201905	201906	201907
Private Passenger	prior	10,000	10,000	10,000	10,000
	2010	11,000	11,000	11,000	11,000
	2011	15,000	15,000	15,000	15,000
	2012	19,000	19,000	19,000	19,000
	2013	23,000	23,000	23,000	23,000
	2014	25,000	25,000	25,000	25,000
	2015	9,000	9,000	9,000	9,000
	2016	22,000	22,000	22,000	22,000
	2017	(5,000)	(17,000)	(17,000)	(17,000)
	2018	10,000	10,000	10,000	10,000
	2019	(14,000)	(16,000)	(24,735)	(28,735)
Private Passenger Total		125,000	111,000	102,265	98,265
Non Private Passenger	prior	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	7,000	7,000	7,000	7,000
	2013	8,000	8,000	8,000	8,000
	2014	8,000	8,000	8,000	8,000
	2015	3,000	3,000	3,000	3,000
	2016	8,000	8,000	8,000	8,000
	2017	(2,000)	(8,000)	(8,000)	(8,000)
	2018	5,000	5,000	5,000	5,000
	2019	(8,000)	(8,000)	(15,141)	(17,141)
Non Private Passenger Total		40,000	34,000	26,859	24,859
Grand Total		165,000	145,000	129,124	123,124

EXHIBIT C-2

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

page 9 of 10

Jurisdiction Desc	Nunavut	discount rate: 0.00%			
AccountCode Desc	Undiscounted Retro Claims Expense	interest rate margin: 0 basis pts			
AccountCode	(All)				
AccidentYear	(All)				
		Prior Month	Current Month	1st Projected	2nd Projected
Sum of Amount	ShareYYMM				
Business Segment	Acc Year	201904	201905	201906	201907
Private Passenger	prior	2,000	2,000	2,000	2,000
	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	6,000	6,000	6,000	6,000
	2014	(7,000)	(7,000)	(7,000)	(7,000)
	2015	5,000	5,000	5,000	5,000
	2016	4,000	4,000	4,000	4,000
	2017	2,000	2,000	2,000	2,000
	2018		1,000	1,000	1,000
	2019	(2,000)	(2,000)	(1,720)	(1,720)
Private Passenger Total		22,000	23,000	23,280	23,280
Non Private Passenger	prior	1,000	1,000	1,000	1,000
	2010	2,000	2,000	2,000	2,000
	2011	3,000	3,000	3,000	3,000
	2012	4,000	4,000	4,000	4,000
	2013	4,000	4,000	4,000	4,000
	2014	(6,000)	(6,000)	(6,000)	(6,000)
	2015	5,000	5,000	5,000	5,000
	2016	5,000	5,000	5,000	5,000
	2017	5,000	5,000	5,000	5,000
	2018	1,000	3,000	3,000	3,000
	2019	(6,000)	(8,000)	(8,976)	(10,976)
Non Private Passenger Total		18,000	18,000	17,024	15,024
Grand Total		40,000	41,000	40,304	38,304

EXHIBIT C-2

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

page 10 of 10

Jurisdiction Desc	(All)	discount rate: 0.00%			
AccountCode Desc	Undiscounted Retro Claims Expense	interest rate margin: 0 basis pts			
AccountCode	(All)				
AccidentYear	(All)				
Sum of Amount		Prior Month	Current Month	1st Projected	2nd Projected
Business Segment		ShareYYMM			
	Acc Year	201904	201905	201906	201907
Private Passenger	prior	4,104,000	4,087,000	3,974,000	3,865,000
	2010	747,000	747,000	728,000	709,000
	2011	937,000	930,000	907,000	884,000
	2012	1,173,000	1,173,000	1,142,000	1,112,000
	2013	1,195,000	1,192,000	1,163,000	1,135,000
	2014	1,070,000	1,137,000	1,108,000	1,079,000
	2015	1,263,000	1,243,000	1,214,000	1,187,000
	2016	1,127,000	1,245,000	1,217,000	1,190,000
	2017	976,000	1,007,000	977,000	948,000
	2018	1,306,000	1,431,000	1,398,000	1,366,000
	2019	311,000	422,000	512,919	612,919
Private Passenger Total		14,209,000	14,614,000	14,340,919	14,087,919
Non Private Passenger	prior	2,165,000	2,150,000	2,119,000	2,088,000
	2010	602,000	602,000	592,000	583,000
	2011	839,000	834,000	821,000	808,000
	2012	1,104,000	1,104,000	1,084,000	1,064,000
	2013	1,503,000	1,491,000	1,464,000	1,439,000
	2014	1,565,000	1,693,000	1,664,000	1,635,000
	2015	1,698,000	1,663,000	1,633,000	1,603,000
	2016	1,670,000	1,724,000	1,694,000	1,664,000
	2017	1,594,000	1,615,000	1,581,000	1,547,000
	2018	2,590,000	2,925,000	2,873,000	2,821,000
	2019	519,000	644,000	770,096	917,096
Non Private Passenger Total		15,849,000	16,445,000	16,295,096	16,169,096
Grand Total		30,058,000	31,059,000	30,636,015	30,257,015

EXHIBIT D

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

		Prior Month	Current Month	1st Projected	2nd Projected
Sum of MS Cost Ratio	ShareYMM				
Business Segment	Jurisdiction Desc	201904	201905	201906	201907
Private Passenger	Newfoundland & Labrador	83.8%	85.1%	84.9%	84.6%
	New Brunswick	84.2%	86.3%	86.0%	85.7%
	Nova Scotia	91.2%	92.7%	92.2%	91.5%
	Prince Edward Island	61.9%	62.9%	63.1%	62.9%
	Ontario	70.4%	71.3%	71.2%	71.2%
	Alberta	62.8%	64.1%	64.3%	64.3%
	Yukon	79.2%	81.0%	81.8%	81.0%
	Northwest Territories	62.7%	65.7%	65.5%	65.1%
	Nunavut	40.0%	40.2%	41.3%	41.4%
Non Private Passenger	Newfoundland & Labrador	78.8%	80.1%	79.3%	79.2%
	New Brunswick	69.1%	79.5%	77.9%	77.0%
	Nova Scotia	81.9%	82.3%	81.5%	81.6%
	Prince Edward Island	81.5%	90.0%	88.4%	87.4%
	Ontario	66.7%	65.9%	65.3%	65.5%
	Alberta	65.3%	65.7%	65.7%	65.8%
	Yukon	62.9%	62.9%	62.5%	62.4%
	Northwest Territories	51.1%	52.8%	52.5%	52.2%
	Nunavut	48.3%	52.2%	51.1%	51.1%
Grand Total		70.7%	71.4%	71.2%	71.3%

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

		Prior Month	Current Month	1st Projected	2nd Projected
Sum of Future Cost Ratio	ShareYMM				
Business Segment	Jurisdiction Desc	201904	201905	201906	201907
Private Passenger	Newfoundland & Labrador	80.0%	80.5%	80.3%	80.1%
	New Brunswick	80.2%	81.3%	81.2%	81.0%
	Nova Scotia	86.5%	87.0%	86.6%	86.0%
	Prince Edward Island	58.5%	59.2%	59.4%	59.3%
	Ontario	66.4%	66.8%	66.8%	66.9%
	Alberta	60.3%	61.1%	61.2%	61.3%
	Yukon	76.4%	76.2%	76.6%	76.8%
	Northwest Territories	59.6%	61.9%	61.8%	61.8%
	Nunavut	38.6%	38.7%	38.5%	38.9%
Non Private Passenger	Newfoundland & Labrador	75.2%	75.5%	75.4%	75.4%
	New Brunswick	66.1%	75.1%	74.4%	73.5%
	Nova Scotia	77.5%	77.2%	77.3%	77.3%
	Prince Edward Island	77.2%	84.2%	83.4%	82.4%
	Ontario	62.8%	61.3%	61.4%	61.6%
	Alberta	62.6%	62.6%	62.6%	62.7%
	Yukon	60.0%	59.7%	59.7%	59.8%
	Northwest Territories	48.7%	49.9%	49.9%	49.8%
	Nunavut	47.4%	49.2%	48.4%	48.5%
Grand Total		67.2%	67.3%	67.4%	67.5%

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, 2019 from the valuation), followed by the selected discount rate and the associated margin for investment income.

page 1 of 9

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%
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	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%	10.0%
2018	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2019	10.0%	10.0%	5.0%	9.9%	10.0%	10.0%	5.0%	9.9%
2020	10.0%	10.0%	5.0%	9.9%	10.0%	10.0%	5.0%	9.9%
prem liab	10.0%	10.0%	5.0%	8.8%	10.0%	10.0%	5.0%	9.4%
	discount rate:		1.48%		discount rate:		1.48%	
	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, 2019 from the valuation), followed by the selected discount rate and the associated margin for investment income.

page 2 of 9

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%
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	10.0%	10.0%	5.0%	12.3%	10.0%	10.0%	5.0%	11.8%
2017	10.0%	10.0%	5.0%	12.0%	10.0%	10.0%	5.0%	11.9%
2018	12.5%	10.0%	5.0%	12.0%	12.5%	10.1%	5.0%	11.9%
2019	12.5%	10.2%	5.0%	11.7%	12.4%	10.1%	5.0%	11.5%
2020	12.4%	10.0%	5.0%	11.7%	12.2%	10.1%	5.0%	11.5%
prem liab	12.0%	10.0%	5.0%	9.9%	11.6%	10.1%	5.0%	9.8%
	discount rate:			1.48%	discount rate:			1.48%
	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, 2019 from the valuation), followed by the selected discount rate and the associated margin for investment income.

page 3 of 9

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%
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%	12.4%	10.0%	10.0%	5.0%	12.1%
2016	10.0%	10.0%	5.0%	12.3%	10.0%	10.0%	5.0%	11.3%
2017	12.5%	10.0%	5.0%	12.3%	12.5%	10.1%	5.0%	11.7%
2018	12.5%	10.1%	5.0%	11.9%	12.5%	10.1%	5.0%	11.7%
2019	12.5%	10.1%	5.0%	11.7%	12.5%	10.1%	5.0%	11.4%
2020	12.3%	10.1%	5.0%	11.7%	12.2%	10.2%	5.0%	11.4%
prem liab	12.0%	10.1%	5.0%	10.0%	11.6%	10.1%	5.0%	10.0%
	discount rate:		1.48%		discount rate:		1.48%	
	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, 2019 from the valuation), followed by the selected discount rate and the associated margin for investment income.

page 4 of 9

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%
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	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2017	10.0%	10.0%	5.0%	11.6%	10.0%	10.0%	5.0%	11.1%
2018	10.0%	10.0%	5.0%	12.1%	10.0%	10.0%	5.0%	11.7%
2019	12.5%	10.0%	5.0%	11.9%	12.4%	10.1%	5.0%	11.7%
2020	12.2%	10.1%	5.0%	11.9%	12.4%	10.2%	5.0%	11.7%
prem liab	11.5%	10.1%	5.0%	10.9%	12.4%	10.2%	5.0%	10.5%
	discount rate: 1.48%				discount rate: 1.48%			
	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, 2019 from the valuation), followed by the selected discount rate and the associated margin for investment income.

page 5 of 9

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%
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%	10.0%	10.0%
2014	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%
2015	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	10.0%	9.9%
2016	10.0%	10.0%	10.0%	12.5%	10.0%	10.0%	9.9%	12.5%
2017	10.0%	10.0%	8.2%	12.4%	9.8%	10.0%	10.0%	12.5%
2018	12.5%	12.5%	7.3%	14.7%	12.5%	12.5%	12.5%	14.6%
2019	12.5%	12.5%	12.5%	14.0%	12.4%	12.5%	9.2%	13.4%
2020	14.1%	15.0%	6.7%	14.0%	13.3%	15.0%	6.3%	13.4%
prem liab	11.6%	15.0%	5.2%	9.9%	12.5%	15.0%	5.4%	12.0%
	discount rate:			1.48%	discount rate:			1.48%
	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, 2019 from the valuation), followed by the selected discount rate and the associated margin for investment income.

page 6 of 9

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%
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	10.0%	10.0%	5.0%	12.5%	10.0%	10.0%	5.0%	12.4%
2017	10.0%	10.0%	5.0%	12.5%	10.0%	10.0%	5.0%	12.3%
2018	12.5%	10.5%	5.0%	12.4%	12.4%	10.2%	5.0%	12.4%
2019	12.5%	10.6%	5.0%	11.4%	12.3%	10.3%	5.0%	11.0%
2020	12.2%	10.1%	5.0%	11.4%	11.9%	10.3%	5.0%	11.0%
prem liab	11.6%	10.1%	5.0%	9.7%	11.5%	10.2%	5.0%	9.6%
	discount rate:			1.48%	discount rate:			1.48%
	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, 2019 from the valuation), followed by the selected discount rate and the associated margin for investment income.

page 7 of 9

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%
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	10.0%	10.0%	5.0%	12.5%	10.0%	10.0%	5.0%	12.5%
2017	10.0%	10.0%	5.0%	12.4%	10.0%	10.0%	5.0%	12.2%
2018	12.5%	12.5%	5.0%	12.3%	12.5%	12.5%	5.0%	12.3%
2019	12.5%	11.1%	5.0%	12.1%	12.3%	11.5%	5.0%	10.8%
2020	12.3%	10.7%	5.0%	12.1%	11.9%	11.0%	5.0%	10.8%
prem liab	12.2%	10.8%	5.0%	10.5%	11.7%	11.4%	5.0%	8.8%
	discount rate:			1.48%	discount rate:			1.48%
	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, 2019 from the valuation), followed by the selected discount rate and the associated margin for investment income.

page 8 of 9

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%
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	10.0%	10.0%	5.0%	12.5%	10.0%	10.0%	5.0%	12.3%
2017	10.0%	10.0%	5.0%	12.5%	10.0%	10.0%	5.0%	11.9%
2018	12.5%	12.1%	5.0%	12.3%	12.5%	10.3%	5.0%	12.5%
2019	12.5%	12.2%	5.0%	11.2%	12.4%	11.4%	5.0%	11.8%
2020	12.0%	11.4%	5.0%	11.2%	12.3%	11.3%	5.0%	11.8%
prem liab	11.4%	11.3%	5.0%	9.3%	12.1%	11.3%	5.0%	10.1%
	discount rate: 1.48%				discount rate: 1.48%			
	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, 2019 from the valuation), followed by the selected discount rate and the associated margin for investment income.

page 9 of 9

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%
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	10.0%	10.0%	5.0%	12.0%	10.0%	10.0%	5.0%	12.5%
2017	10.0%	10.0%	5.0%	11.5%	10.0%	10.0%	5.0%	11.8%
2018	12.0%	11.5%	5.0%	12.0%	12.5%	11.2%	5.0%	12.4%
2019	12.2%	11.6%	5.0%	11.7%	12.4%	11.2%	5.0%	11.9%
2020	12.1%	11.3%	5.0%	11.7%	12.3%	11.1%	5.0%	11.9%
prem liab	11.7%	11.3%	5.0%	10.2%	12.3%	11.2%	5.0%	10.6%
	discount rate: 1.48%				discount rate: 1.48%			
	margin (basis points): 25				margin (basis points): 25			

EXHIBIT F

Interest Rate Sensitivity (\$000s)

Indemnity claims liabilities as projected from the latest valuation to December 31, 2019.

page 1 of 10

NEWFOUNDLAND AND LABRADOR

Amounts in \$000s

AY	Actuarial Present Value of Provisions at Various Discount Rates - Dec. 31, 2019 projected Unpaid							
	0.48%	0.98%	1.48%	1.98%	2.48%	2.98%	1.95%	2.29%
2004 & prior	-	-	-	-	-	-	-	-
2005	-	-	-	-	-	-	-	-
2006	-	-	-	-	-	-	-	-
2007	30	30	29	28	27	26	28	27
2008	102	99	96	93	90	88	93	92
2009	91	88	85	82	80	77	82	81
2010	29	28	27	26	25	25	26	26
2011	298	287	277	267	258	249	267	262
2012	1,750	1,714	1,682	1,649	1,619	1,591	1,651	1,630
2013	948	933	919	906	893	881	907	898
2014	2,289	2,261	2,234	2,207	2,183	2,159	2,209	2,193
2015	3,946	3,908	3,870	3,834	3,799	3,766	3,836	3,812
2016	6,169	6,108	6,049	5,991	5,937	5,882	5,995	5,957
2017	7,912	7,835	7,759	7,686	7,614	7,545	7,691	7,641
2018	11,439	11,317	11,199	11,083	10,972	10,861	11,090	11,014
2019	15,056	14,878	14,704	14,533	14,369	14,208	14,545	14,432
Total	50,059	49,486	48,930	48,385	47,866	47,358	48,420	48,065
	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							
	0.48%	0.98%	1.48%	1.98%	2.48%	2.98%	1.95%	2.29%
Total	1,129	556	-	(545)	(1,064)	(1,572)	(510)	(865)
	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							
	0.48%	0.98%	1.48%	1.98%	2.48%	2.98%	1.95%	2.29%
2004 & prior	-	-	-	-	-	-	-	-
2005	-	-	-	-	-	-	-	-
2006	-	-	-	-	-	-	-	-
2007	3.4%	3.4%	-	(3.4%)	(6.9%)	(10.3%)	(3.4%)	(6.9%)
2008	6.3%	3.1%	-	(3.1%)	(6.3%)	(8.3%)	(3.1%)	(4.2%)
2009	7.1%	3.5%	-	(3.5%)	(5.9%)	(9.4%)	(3.5%)	(4.7%)
2010	7.4%	3.7%	-	(3.7%)	(7.4%)	(7.4%)	(3.7%)	(3.7%)
2011	7.6%	3.6%	-	(3.6%)	(6.9%)	(10.1%)	(3.6%)	(5.4%)
2012	4.0%	1.9%	-	(2.0%)	(3.7%)	(5.4%)	(1.8%)	(3.1%)
2013	3.2%	1.5%	-	(1.4%)	(2.8%)	(4.1%)	(1.3%)	(2.3%)
2014	2.5%	1.2%	-	(1.2%)	(2.3%)	(3.4%)	(1.1%)	(1.8%)
2015	2.0%	1.0%	-	(0.9%)	(1.8%)	(2.7%)	(0.9%)	(1.5%)
2016	2.0%	1.0%	-	(1.0%)	(1.9%)	(2.8%)	(0.9%)	(1.5%)
2017	2.0%	1.0%	-	(0.9%)	(1.9%)	(2.8%)	(0.9%)	(1.5%)
2018	2.1%	1.1%	-	(1.0%)	(2.0%)	(3.0%)	(1.0%)	(1.7%)
2019	2.4%	1.2%	-	(1.2%)	(2.3%)	(3.4%)	(1.1%)	(1.8%)
Total	2.3%	1.1%	-	(1.1%)	(2.2%)	(3.2%)	(1.0%)	(1.8%)
	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, 2019.

page 2 of 10

NEW BRUNSWICK

Amounts in \$000s

AY	Actuarial Present Value of Provisions at Various Discount Rates - Dec. 31, 2019 projected Unpaid							
	0.48%	0.98%	1.48%	1.98%	2.48%	2.98%	1.95%	2.29%
2004 & prior	-	-	-	-	-	-	-	-
2005	-	-	-	-	-	-	-	-
2006	24	24	24	24	24	24	24	24
2007	-	-	-	-	-	-	-	-
2008	55	53	51	49	47	46	49	49
2009	324	317	312	306	301	296	306	304
2010	468	460	453	446	440	433	446	442
2011	347	343	339	335	332	328	335	332
2012	651	641	633	624	616	608	625	619
2013	2,638	2,608	2,578	2,550	2,523	2,495	2,552	2,533
2014	1,176	1,166	1,158	1,149	1,140	1,132	1,149	1,144
2015	4,110	4,076	4,044	4,012	3,982	3,951	4,015	3,993
2016	4,761	4,714	4,668	4,624	4,580	4,539	4,627	4,597
2017	6,232	6,152	6,076	6,001	5,929	5,858	6,006	5,957
2018	8,351	8,227	8,107	7,989	7,875	7,763	7,996	7,918
2019	11,490	11,300	11,117	10,938	10,765	10,598	10,950	10,831
Total	40,627	40,081	39,560	39,047	38,554	38,071	39,080	38,743
	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							
	0.48%	0.98%	1.48%	1.98%	2.48%	2.98%	1.95%	2.29%
Total	1,067	521	-	(513)	(1,006)	(1,489)	(480)	(817)
	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							
	0.48%	0.98%	1.48%	1.98%	2.48%	2.98%	1.95%	2.29%
2004 & prior	-	-	-	-	-	-	-	-
2005	-	-	-	-	-	-	-	-
2006	-	-	-	-	-	-	-	-
2007	-	-	-	-	-	-	-	-
2008	7.8%	3.9%	-	(3.9%)	(7.8%)	(9.8%)	(3.9%)	(3.9%)
2009	3.8%	1.6%	-	(1.9%)	(3.5%)	(5.1%)	(1.9%)	(2.6%)
2010	3.3%	1.5%	-	(1.5%)	(2.9%)	(4.4%)	(1.5%)	(2.4%)
2011	2.4%	1.2%	-	(1.2%)	(2.1%)	(3.2%)	(1.2%)	(2.1%)
2012	2.8%	1.3%	-	(1.4%)	(2.7%)	(3.9%)	(1.3%)	(2.2%)
2013	2.3%	1.2%	-	(1.1%)	(2.1%)	(3.2%)	(1.0%)	(1.7%)
2014	1.6%	0.7%	-	(0.8%)	(1.6%)	(2.2%)	(0.8%)	(1.2%)
2015	1.6%	0.8%	-	(0.8%)	(1.5%)	(2.3%)	(0.7%)	(1.3%)
2016	2.0%	1.0%	-	(0.9%)	(1.9%)	(2.8%)	(0.9%)	(1.5%)
2017	2.6%	1.3%	-	(1.2%)	(2.4%)	(3.6%)	(1.2%)	(2.0%)
2018	3.0%	1.5%	-	(1.5%)	(2.9%)	(4.2%)	(1.4%)	(2.3%)
2019	3.4%	1.6%	-	(1.6%)	(3.2%)	(4.7%)	(1.5%)	(2.6%)
Total	2.7%	1.3%	-	(1.3%)	(2.5%)	(3.8%)	(1.2%)	(2.1%)
	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, 2019.

page 3 of 10

NOVA SCOTIA

Amounts in \$000s

AY	Actuarial Present Value of Provisions at Various Discount Rates - Dec. 31, 2019 projected Unpaid							
	0.48%	0.98%	1.48%	1.98%	2.48%	2.98%	1.95%	2.29%
2004 & prior	16	15	15	15	14	14	15	15
2005	88	86	84	82	80	78	82	81
2006	-	-	-	-	-	-	-	-
2007	101	100	100	99	98	97	99	98
2008	-	-	-	-	-	-	-	-
2009	247	238	230	223	216	209	223	218
2010	76	73	71	69	66	64	69	67
2011	7	7	7	6	6	6	6	6
2012	156	153	151	148	146	143	149	147
2013	1,122	1,105	1,087	1,072	1,057	1,041	1,073	1,062
2014	1,844	1,822	1,802	1,782	1,763	1,744	1,783	1,770
2015	1,110	1,098	1,086	1,075	1,065	1,054	1,075	1,068
2016	3,282	3,248	3,215	3,183	3,151	3,121	3,185	3,164
2017	4,986	4,929	4,872	4,819	4,766	4,715	4,822	4,786
2018	7,843	7,741	7,642	7,546	7,452	7,362	7,552	7,487
2019	12,512	12,337	12,165	12,000	11,839	11,683	12,010	11,900
Total	33,390	32,952	32,527	32,119	31,719	31,331	32,143	31,869
	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							
	0.48%	0.98%	1.48%	1.98%	2.48%	2.98%	1.95%	2.29%
Total	863	425	-	(408)	(808)	(1,196)	(384)	(658)
	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							
	0.48%	0.98%	1.48%	1.98%	2.48%	2.98%	1.95%	2.29%
2004 & prior	6.7%	-	-	-	(6.7%)	(6.7%)	-	-
2005	4.8%	2.4%	-	(2.4%)	(4.8%)	(7.1%)	(2.4%)	(3.6%)
2006	-	-	-	-	-	-	-	-
2007	1.0%	-	-	(1.0%)	(2.0%)	(3.0%)	(1.0%)	(2.0%)
2008	-	-	-	-	-	-	-	-
2009	7.4%	3.5%	-	(3.0%)	(6.1%)	(9.1%)	(3.0%)	(5.2%)
2010	7.0%	2.8%	-	(2.8%)	(7.0%)	(9.9%)	(2.8%)	(5.6%)
2011	-	-	-	(14.3%)	(14.3%)	(14.3%)	(14.3%)	(14.3%)
2012	3.3%	1.3%	-	(2.0%)	(3.3%)	(5.3%)	(1.3%)	(2.6%)
2013	3.2%	1.7%	-	(1.4%)	(2.8%)	(4.2%)	(1.3%)	(2.3%)
2014	2.3%	1.1%	-	(1.1%)	(2.2%)	(3.2%)	(1.1%)	(1.8%)
2015	2.2%	1.1%	-	(1.0%)	(1.9%)	(2.9%)	(1.0%)	(1.7%)
2016	2.1%	1.0%	-	(1.0%)	(2.0%)	(2.9%)	(0.9%)	(1.6%)
2017	2.3%	1.2%	-	(1.1%)	(2.2%)	(3.2%)	(1.0%)	(1.8%)
2018	2.6%	1.3%	-	(1.3%)	(2.5%)	(3.7%)	(1.2%)	(2.0%)
2019	2.9%	1.4%	-	(1.4%)	(2.7%)	(4.0%)	(1.3%)	(2.2%)
Total	2.7%	1.3%	-	(1.3%)	(2.5%)	(3.7%)	(1.2%)	(2.0%)
	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, 2019.

page 4 of 10

PRINCE EDWARD ISLAND

Amounts in \$000s

AY	Actuarial Present Value of Provisions at Various Discount Rates - Dec. 31, 2019 projected Unpaid							
	0.48%	0.98%	1.48%	1.98%	2.48%	2.98%	1.95%	2.29%
2004 & prior	-	-	-	-	-	-	-	-
2005	-	-	-	-	-	-	-	-
2006	-	-	-	-	-	-	-	-
2007	-	-	-	-	-	-	-	-
2008	-	-	-	-	-	-	-	-
2009	-	-	-	-	-	-	-	-
2010	485	467	450	433	417	403	434	423
2011	-	-	-	-	-	-	-	-
2012	331	317	304	291	280	268	292	284
2013	48	47	46	45	44	43	45	45
2014	342	337	332	328	323	319	328	325
2015	762	753	743	734	725	717	735	729
2016	2,152	2,122	2,094	2,068	2,042	2,017	2,069	2,051
2017	1,440	1,423	1,406	1,390	1,374	1,359	1,391	1,380
2018	2,325	2,294	2,265	2,237	2,210	2,184	2,239	2,220
2019	1,889	1,865	1,842	1,819	1,797	1,776	1,820	1,806
Total	9,774	9,625	9,482	9,345	9,212	9,086	9,353	9,263
	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							
	0.48%	0.98%	1.48%	1.98%	2.48%	2.98%	1.95%	2.29%
Total	292	143	-	(137)	(270)	(396)	(129)	(219)
	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							
	0.48%	0.98%	1.48%	1.98%	2.48%	2.98%	1.95%	2.29%
2004 & prior	-	-	-	-	-	-	-	-
2005	-	-	-	-	-	-	-	-
2006	-	-	-	-	-	-	-	-
2007	-	-	-	-	-	-	-	-
2008	-	-	-	-	-	-	-	-
2009	-	-	-	-	-	-	-	-
2010	7.8%	3.8%	-	(3.8%)	(7.3%)	(10.4%)	(3.6%)	(6.0%)
2011	-	-	-	-	-	-	-	-
2012	8.9%	4.3%	-	(4.3%)	(7.9%)	(11.8%)	(3.9%)	(6.6%)
2013	4.3%	2.2%	-	(2.2%)	(4.3%)	(6.5%)	(2.2%)	(2.2%)
2014	3.0%	1.5%	-	(1.2%)	(2.7%)	(3.9%)	(1.2%)	(2.1%)
2015	2.6%	1.3%	-	(1.2%)	(2.4%)	(3.5%)	(1.1%)	(1.9%)
2016	2.8%	1.3%	-	(1.2%)	(2.5%)	(3.7%)	(1.2%)	(2.1%)
2017	2.4%	1.2%	-	(1.1%)	(2.3%)	(3.3%)	(1.1%)	(1.8%)
2018	2.6%	1.3%	-	(1.2%)	(2.4%)	(3.6%)	(1.1%)	(2.0%)
2019	2.6%	1.2%	-	(1.2%)	(2.4%)	(3.6%)	(1.2%)	(2.0%)
Total	3.1%	1.5%	-	(1.4%)	(2.8%)	(4.2%)	(1.4%)	(2.3%)
	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, 2019.

page 5 of 10

ONTARIO

Amounts in \$000s

AY	Actuarial Present Value of Provisions at Various Discount Rates - Dec. 31, 2019 projected Unpaid							
	0.48%	0.98%	1.48%	1.98%	2.48%	2.98%	1.95%	2.29%
2004 & prior	5,988	5,900	5,814	5,732	5,650	5,573	5,737	5,681
2005	9	8	8	8	8	8	8	8
2006	602	586	570	555	541	526	556	546
2007	2,562	2,486	2,413	2,343	2,277	2,213	2,348	2,302
2008	629	608	590	571	553	537	572	561
2009	1,986	1,925	1,867	1,813	1,761	1,711	1,816	1,780
2010	1,498	1,466	1,437	1,409	1,382	1,357	1,410	1,393
2011	2,321	2,260	2,203	2,147	2,096	2,045	2,151	2,115
2012	1,422	1,393	1,365	1,339	1,314	1,290	1,341	1,324
2013	5,840	5,747	5,659	5,574	5,494	5,416	5,580	5,524
2014	4,420	4,362	4,307	4,254	4,202	4,154	4,257	4,222
2015	7,126	7,044	6,964	6,887	6,814	6,742	6,891	6,841
2016	7,946	7,862	7,782	7,704	7,629	7,556	7,708	7,657
2017	9,454	9,340	9,230	9,123	9,019	8,919	9,130	9,058
2018	19,306	19,035	18,774	18,520	18,274	18,035	18,537	18,369
2019	33,529	33,022	32,537	32,064	31,605	31,163	32,092	31,778
Total	104,638	103,044	101,520	100,043	98,619	97,245	100,134	99,159
	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							
	0.48%	0.98%	1.48%	1.98%	2.48%	2.98%	1.95%	2.29%
Total	3,118	1,524	-	(1,477)	(2,901)	(4,275)	(1,386)	(2,361)
	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							
	0.48%	0.98%	1.48%	1.98%	2.48%	2.98%	1.95%	2.29%
2004 & prior	3.0%	1.5%	-	(1.4%)	(2.8%)	(4.1%)	(1.3%)	(2.3%)
2005	12.5%	-	-	-	-	-	-	-
2006	5.6%	2.8%	-	(2.6%)	(5.1%)	(7.7%)	(2.5%)	(4.2%)
2007	6.2%	3.0%	-	(2.9%)	(5.6%)	(8.3%)	(2.7%)	(4.6%)
2008	6.6%	3.1%	-	(3.2%)	(6.3%)	(9.0%)	(3.1%)	(4.9%)
2009	6.4%	3.1%	-	(2.9%)	(5.7%)	(8.4%)	(2.7%)	(4.7%)
2010	4.2%	2.0%	-	(1.9%)	(3.8%)	(5.6%)	(1.9%)	(3.1%)
2011	5.4%	2.6%	-	(2.5%)	(4.9%)	(7.2%)	(2.4%)	(4.0%)
2012	4.2%	2.1%	-	(1.9%)	(3.7%)	(5.5%)	(1.8%)	(3.0%)
2013	3.2%	1.6%	-	(1.5%)	(2.9%)	(4.3%)	(1.4%)	(2.4%)
2014	2.6%	1.3%	-	(1.2%)	(2.4%)	(3.6%)	(1.2%)	(2.0%)
2015	2.3%	1.1%	-	(1.1%)	(2.2%)	(3.2%)	(1.0%)	(1.8%)
2016	2.1%	1.0%	-	(1.0%)	(2.0%)	(2.9%)	(1.0%)	(1.6%)
2017	2.4%	1.2%	-	(1.2%)	(2.3%)	(3.4%)	(1.1%)	(1.9%)
2018	2.8%	1.4%	-	(1.4%)	(2.7%)	(3.9%)	(1.3%)	(2.2%)
2019	3.0%	1.5%	-	(1.5%)	(2.9%)	(4.2%)	(1.4%)	(2.3%)
Total	3.1%	1.5%	-	(1.5%)	(2.9%)	(4.2%)	(1.4%)	(2.3%)
	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, 2019.

page 6 of 10

ALBERTA

Amounts in \$000s

AY	Actuarial Present Value of Provisions at Various Discount Rates - Dec. 31, 2019 projected Unpaid							
	0.48%	0.98%	1.48%	1.98%	2.48%	2.98%	1.95%	2.29%
2004 & prior	54	53	53	51	50	49	51	50
2005	108	105	103	100	98	95	100	99
2006	4	4	4	4	4	4	4	4
2007	28	28	28	28	27	27	28	27
2008	1,044	1,012	981	952	924	897	954	934
2009	45	44	42	41	40	38	41	40
2010	11	11	11	11	11	10	11	11
2011	1,676	1,643	1,612	1,583	1,555	1,528	1,584	1,565
2012	442	435	430	424	419	413	424	420
2013	2,772	2,736	2,701	2,670	2,638	2,608	2,671	2,650
2014	3,059	3,029	3,000	2,971	2,944	2,917	2,973	2,954
2015	8,412	8,329	8,248	8,171	8,096	8,023	8,176	8,124
2016	11,593	11,458	11,328	11,201	11,079	10,960	11,209	11,126
2017	11,747	11,599	11,456	11,317	11,182	11,050	11,325	11,233
2018	20,868	20,548	20,240	19,938	19,646	19,363	19,958	19,756
2019	30,603	30,189	29,788	29,400	29,024	28,661	29,426	29,168
Total	92,466	91,223	90,025	88,862	87,737	86,643	88,935	88,161
	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							
	0.48%	0.98%	1.48%	1.98%	2.48%	2.98%	1.95%	2.29%
Total	2,441	1,198	-	(1,163)	(2,288)	(3,382)	(1,090)	(1,864)
	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							
	0.48%	0.98%	1.48%	1.98%	2.48%	2.98%	1.95%	2.29%
2004 & prior	1.9%	-	-	(3.8%)	(5.7%)	(7.5%)	(3.8%)	(5.7%)
2005	4.9%	1.9%	-	(2.9%)	(4.9%)	(7.8%)	(2.9%)	(3.9%)
2006	-	-	-	-	-	-	-	-
2007	-	-	-	-	(3.6%)	(3.6%)	-	(3.6%)
2008	6.4%	3.2%	-	(3.0%)	(5.8%)	(8.6%)	(2.8%)	(4.8%)
2009	7.1%	4.8%	-	(2.4%)	(4.8%)	(9.5%)	(2.4%)	(4.8%)
2010	-	-	-	-	-	(9.1%)	-	-
2011	4.0%	1.9%	-	(1.8%)	(3.5%)	(5.2%)	(1.7%)	(2.9%)
2012	2.8%	1.2%	-	(1.4%)	(2.6%)	(4.0%)	(1.4%)	(2.3%)
2013	2.6%	1.3%	-	(1.1%)	(2.3%)	(3.4%)	(1.1%)	(1.9%)
2014	2.0%	1.0%	-	(1.0%)	(1.9%)	(2.8%)	(0.9%)	(1.5%)
2015	2.0%	1.0%	-	(0.9%)	(1.8%)	(2.7%)	(0.9%)	(1.5%)
2016	2.3%	1.1%	-	(1.1%)	(2.2%)	(3.2%)	(1.1%)	(1.8%)
2017	2.5%	1.2%	-	(1.2%)	(2.4%)	(3.5%)	(1.1%)	(1.9%)
2018	3.1%	1.5%	-	(1.5%)	(2.9%)	(4.3%)	(1.4%)	(2.4%)
2019	2.7%	1.3%	-	(1.3%)	(2.6%)	(3.8%)	(1.2%)	(2.1%)
Total	2.7%	1.3%	-	(1.3%)	(2.5%)	(3.8%)	(1.2%)	(2.1%)
	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, 2019.

page 7 of 10

YUKON

Amounts in \$000s

Actuarial Present Value of Provisions at Various Discount Rates - Dec. 31, 2019 projected Unpaid								
AY	0.48%	0.98%	1.48%	1.98%	2.48%	2.98%	1.95%	2.29%
2004 & prior	-	-	-	-	-	-	-	-
2005	-	-	-	-	-	-	-	-
2006	-	-	-	-	-	-	-	-
2007	-	-	-	-	-	-	-	-
2008	-	-	-	-	-	-	-	-
2009	-	-	-	-	-	-	-	-
2010	23	22	21	21	20	19	21	20
2011	2	2	2	2	2	2	2	2
2012	4	4	3	3	3	3	3	3
2013	13	12	12	12	12	12	12	12
2014	26	26	26	26	25	25	26	25
2015	72	72	71	71	69	69	71	70
2016	390	385	381	377	372	368	377	374
2017	1,147	1,131	1,115	1,101	1,086	1,072	1,102	1,092
2018	933	919	907	893	880	869	894	885
2019	630	622	614	607	599	592	607	602
Total	3,240	3,195	3,152	3,113	3,068	3,031	3,115	3,085
	curr - 100 bp	curr - 50 bp	curr val assumption	curr + 50bp	curr + 100bp	curr + 150bp	prior val assumption	prior fyr end assumption

Amounts in

Dollar Impact Relative to Valuation Assumption								
AY	0.48%	0.98%	1.48%	1.98%	2.48%	2.98%	1.95%	2.29%
Total	88	43	-	(39)	(84)	(121)	(37)	(67)
	curr - 100 bp	curr - 50 bp	curr val assumption	curr + 50bp	curr + 100bp	curr + 150bp	prior val assumption	prior fyr end assumption

Amounts in

Percentage Impact Relative to Valuation Assumption								
AY	0.48%	0.98%	1.48%	1.98%	2.48%	2.98%	1.95%	2.29%
2004 & prior	-	-	-	-	-	-	-	-
2005	-	-	-	-	-	-	-	-
2006	-	-	-	-	-	-	-	-
2007	-	-	-	-	-	-	-	-
2008	-	-	-	-	-	-	-	-
2009	-	-	-	-	-	-	-	-
2010	9.5%	4.8%	-	-	(4.8%)	(9.5%)	-	(4.8%)
2011	-	-	-	-	-	-	-	-
2012	33.3%	33.3%	-	-	-	-	-	-
2013	8.3%	-	-	-	-	-	-	-
2014	-	-	-	-	(3.8%)	(3.8%)	-	(3.8%)
2015	1.4%	1.4%	-	-	(2.8%)	(2.8%)	-	(1.4%)
2016	2.4%	1.0%	-	(1.0%)	(2.4%)	(3.4%)	(1.0%)	(1.8%)
2017	2.9%	1.4%	-	(1.3%)	(2.6%)	(3.9%)	(1.2%)	(2.1%)
2018	2.9%	1.3%	-	(1.5%)	(3.0%)	(4.2%)	(1.4%)	(2.4%)
2019	2.6%	1.3%	-	(1.1%)	(2.4%)	(3.6%)	(1.1%)	(2.0%)
Total	2.8%	1.4%	-	(1.2%)	(2.7%)	(3.8%)	(1.2%)	(2.1%)
	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, 2019.

page 8 of 10

NORTHWEST TERRITORIES

Amounts in \$000s

AY	Actuarial Present Value of Provisions at Various Discount Rates - Dec. 31, 2019 projected Unpaid							
	0.48%	0.98%	1.48%	1.98%	2.48%	2.98%	1.95%	2.29%
2004 & prior	-	-	-	-	-	-	-	-
2005	-	-	-	-	-	-	-	-
2006	-	-	-	-	-	-	-	-
2007	-	-	-	-	-	-	-	-
2008	-	-	-	-	-	-	-	-
2009	-	-	-	-	-	-	-	-
2010	-	-	-	-	-	-	-	-
2011	2	2	2	2	2	2	2	2
2012	5	5	5	5	5	5	5	5
2013	357	352	347	343	339	334	343	340
2014	36	36	35	35	35	35	35	35
2015	92	90	89	89	88	87	89	88
2016	398	393	389	385	381	376	385	382
2017	995	981	968	955	943	931	956	947
2018	938	923	909	896	883	870	897	888
2019	1,240	1,221	1,204	1,186	1,168	1,153	1,187	1,176
Total	4,063	4,003	3,948	3,896	3,844	3,793	3,899	3,863
	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							
	0.48%	0.98%	1.48%	1.98%	2.48%	2.98%	1.95%	2.29%
Total	115	55	-	(52)	(104)	(155)	(49)	(85)
	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							
	0.48%	0.98%	1.48%	1.98%	2.48%	2.98%	1.95%	2.29%
2004 & prior	-	-	-	-	-	-	-	-
2005	-	-	-	-	-	-	-	-
2006	-	-	-	-	-	-	-	-
2007	-	-	-	-	-	-	-	-
2008	-	-	-	-	-	-	-	-
2009	-	-	-	-	-	-	-	-
2010	-	-	-	-	-	-	-	-
2011	-	-	-	-	-	-	-	-
2012	-	-	-	-	-	-	-	-
2013	2.9%	1.4%	-	(1.2%)	(2.3%)	(3.7%)	(1.2%)	(2.0%)
2014	2.9%	2.9%	-	-	-	-	-	-
2015	3.4%	1.1%	-	-	(1.1%)	(2.2%)	-	(1.1%)
2016	2.3%	1.0%	-	(1.0%)	(2.1%)	(3.3%)	(1.0%)	(1.8%)
2017	2.8%	1.3%	-	(1.3%)	(2.6%)	(3.8%)	(1.2%)	(2.2%)
2018	3.2%	1.5%	-	(1.4%)	(2.9%)	(4.3%)	(1.3%)	(2.3%)
2019	3.0%	1.4%	-	(1.5%)	(3.0%)	(4.2%)	(1.4%)	(2.3%)
Total	2.9%	1.4%	-	(1.3%)	(2.6%)	(3.9%)	(1.2%)	(2.2%)
	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, 2019.

page 9 of 10

NUNAVUT

Amounts in \$000s

AY	Actuarial Present Value of Provisions at Various Discount Rates - Dec. 31, 2019 projected Unpaid							
	0.48%	0.98%	1.48%	1.98%	2.48%	2.98%	1.95%	2.29%
2004 & prior	-	-	-	-	-	-	-	-
2005	-	-	-	-	-	-	-	-
2006	-	-	-	-	-	-	-	-
2007	-	-	-	-	-	-	-	-
2008	-	-	-	-	-	-	-	-
2009	-	-	-	-	-	-	-	-
2010	-	-	-	-	-	-	-	-
2011	-	-	-	-	-	-	-	-
2012	110	109	108	107	106	106	107	107
2013	10	10	10	9	9	9	9	9
2014	135	135	135	134	134	134	134	134
2015	102	101	100	99	99	98	99	99
2016	107	106	105	104	103	101	104	103
2017	195	192	190	187	186	183	187	186
2018	258	255	251	248	245	241	248	246
2019	284	280	275	271	267	263	272	268
Total	1,201	1,188	1,174	1,159	1,149	1,135	1,160	1,152
	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							
	0.48%	0.98%	1.48%	1.98%	2.48%	2.98%	1.95%	2.29%
Total	27	14	-	(15)	(25)	(39)	(14)	(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							
	0.48%	0.98%	1.48%	1.98%	2.48%	2.98%	1.95%	2.29%
2004 & prior	-	-	-	-	-	-	-	-
2005	-	-	-	-	-	-	-	-
2006	-	-	-	-	-	-	-	-
2007	-	-	-	-	-	-	-	-
2008	-	-	-	-	-	-	-	-
2009	-	-	-	-	-	-	-	-
2010	-	-	-	-	-	-	-	-
2011	-	-	-	-	-	-	-	-
2012	1.9%	0.9%	-	(0.9%)	(1.9%)	(1.9%)	(0.9%)	(0.9%)
2013	-	-	-	(10.0%)	(10.0%)	(10.0%)	(10.0%)	(10.0%)
2014	-	-	-	(0.7%)	(0.7%)	(0.7%)	(0.7%)	(0.7%)
2015	2.0%	1.0%	-	(1.0%)	(1.0%)	(2.0%)	(1.0%)	(1.0%)
2016	1.9%	1.0%	-	(1.0%)	(1.9%)	(3.8%)	(1.0%)	(1.9%)
2017	2.6%	1.1%	-	(1.6%)	(2.1%)	(3.7%)	(1.6%)	(2.1%)
2018	2.8%	1.6%	-	(1.2%)	(2.4%)	(4.0%)	(1.2%)	(2.0%)
2019	3.3%	1.8%	-	(1.5%)	(2.9%)	(4.4%)	(1.1%)	(2.5%)
Total	2.3%	1.2%	-	(1.3%)	(2.1%)	(3.3%)	(1.2%)	(1.9%)
	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, 2019.

page 10 of 10

ALL JURISDICTIONS COMBINED

Amounts in \$000s

Actuarial Present Value of Provisions at Various Discount Rates - Dec. 31, 2019 projected Unpaid								
AY	0.48%	0.98%	1.48%	1.98%	2.48%	2.98%	1.95%	2.29%
2004 & prior	6,058	5,968	5,882	5,798	5,714	5,636	5,803	5,746
2005	205	199	195	190	186	181	190	188
2006	630	614	598	583	569	554	584	574
2007	2,721	2,644	2,570	2,498	2,429	2,363	2,503	2,454
2008	1,830	1,772	1,718	1,665	1,614	1,568	1,668	1,636
2009	2,693	2,612	2,536	2,465	2,398	2,331	2,468	2,423
2010	2,590	2,527	2,470	2,415	2,361	2,311	2,417	2,382
2011	4,653	4,544	4,442	4,342	4,251	4,160	4,347	4,284
2012	4,871	4,771	4,681	4,590	4,508	4,427	4,597	4,539
2013	13,748	13,550	13,359	13,181	13,009	12,839	13,192	13,073
2014	13,327	13,174	13,029	12,886	12,749	12,619	12,894	12,802
2015	25,732	25,471	25,215	24,972	24,737	24,507	24,987	24,824
2016	36,798	36,396	36,011	35,637	35,274	34,920	35,659	35,411
2017	44,108	43,582	43,072	42,579	42,099	41,632	42,610	42,280
2018	72,261	71,259	70,294	69,350	68,437	67,548	69,411	68,783
2019	107,233	105,714	104,246	102,818	101,433	100,097	102,909	101,961
Total	339,458	334,797	330,318	325,969	321,768	317,693	326,239	323,360
	curr - 100 bp	curr - 50 bp	curr val assumption	curr + 50bp	curr + 100bp	curr + 150bp	prior val assumption	prior fyr end assumption

Amounts in

Dollar Impact Relative to Valuation Assumption							
AY	0.48%	0.98%	1.48%	1.98%	2.48%	2.98%	1.95%
Total	9,140	4,479	-	(4,349)	(8,550)	(12,625)	(4,079)
	curr - 100 bp	curr - 50 bp	curr val assumption	curr + 50bp	curr + 100bp	curr + 150bp	prior val assumption

Amounts in

Percentage Impact Relative to Valuation Assumption							
AY	0.48%	0.98%	1.48%	1.98%	2.48%	2.98%	1.95%
2004 & prior	3.0%	1.5%	-	(1.4%)	(2.9%)	(4.2%)	(1.3%)
2005	5.1%	2.1%	-	(2.6%)	(4.6%)	(7.2%)	(2.6%)
2006	5.4%	2.7%	-	(2.5%)	(4.8%)	(7.4%)	(2.3%)
2007	5.9%	2.9%	-	(2.8%)	(5.5%)	(8.1%)	(2.6%)
2008	6.5%	3.1%	-	(3.1%)	(6.1%)	(8.7%)	(2.9%)
2009	6.2%	3.0%	-	(2.8%)	(5.4%)	(8.1%)	(2.7%)
2010	4.9%	2.3%	-	(2.2%)	(4.4%)	(6.4%)	(2.1%)
2011	4.8%	2.3%	-	(2.3%)	(4.3%)	(6.3%)	(2.1%)
2012	4.1%	1.9%	-	(1.9%)	(3.7%)	(5.4%)	(1.8%)
2013	2.9%	1.4%	-	(1.3%)	(2.6%)	(3.9%)	(1.3%)
2014	2.3%	1.1%	-	(1.1%)	(2.1%)	(3.1%)	(1.0%)
2015	2.1%	1.0%	-	(1.0%)	(1.9%)	(2.8%)	(0.9%)
2016	2.2%	1.1%	-	(1.0%)	(2.0%)	(3.0%)	(1.0%)
2017	2.4%	1.2%	-	(1.1%)	(2.3%)	(3.3%)	(1.1%)
2018	2.8%	1.4%	-	(1.3%)	(2.6%)	(3.9%)	(1.3%)
2019	2.9%	1.4%	-	(1.4%)	(2.7%)	(4.0%)	(1.3%)
Total	2.8%	1.4%	-	(1.3%)	(2.6%)	(3.8%)	(1.2%)
	curr - 100 bp	curr - 50 bp	curr val assumption	curr + 50bp	curr + 100bp	curr + 150bp	prior val assumption

EXHIBIT G-1

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

page 1 of 10

Jurisdiction Desc	Newfoundland & Labrador
AccountCode Desc	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 Passenger								
	prior	(11)	1	(1)	5	5	(45.5%)	(6)
	2010	(5)	-	-	-	-	-	(5)
	2011	7	(1)	1	(12)	(12)	(171.4%)	(5)
	2012	87	(2)	2	(5)	(5)	(5.7%)	82
	2013	32	-	-	18	18	56.3%	50
	2014	109	2	(63)	108	47	43.1%	156
	2015	229	(9)	(105)	105	(9)	(3.9%)	220
	2016	735	(42)	116	168	242	32.9%	977
	2017	1,159	(71)	93	212	234	20.2%	1,393
	2018	1,485	(88)	(556)	238	(406)	(27.3%)	1,079
	2019	1,441	227	(323)	115	19	1.3%	1,460
Private Passenger Total		5,268	17	(836)	952	133	2.5%	5,401
Non Private Passenger								
	prior	6	-	-	-	-	-	6
	2010	2	-	-	-	-	-	2
	2011	(10)	1	(1)	14	14	(140.0%)	4
	2012	21	1	(1)	3	3	14.3%	24
	2013	32	(1)	1	3	3	9.4%	35
	2014	7	-	10	(14)	(4)	(57.1%)	3
	2015	110	(5)	180	31	206	187.3%	316
	2016	443	(48)	142	(54)	40	9.0%	483
	2017	489	(72)	178	139	245	50.1%	734
	2018	782	(136)	168	329	361	46.2%	1,143
	2019	559	92	(124)	37	5	0.9%	564
Non Private Passenger Total		2,441	(168)	553	488	873	35.8%	3,314
Grand Total		7,709	(151)	(283)	1,440	1,006	13.0%	8,715

EXHIBIT G-1

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

page 2 of 10

Jurisdiction Desc	New Brunswick
AccountCode Desc	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 Passenger								
	prior	80	(4)	4	(39)	(39)	(48.8%)	41
	2010	54	(4)	4	1	1	1.9%	55
	2011	77	(5)	35	(15)	15	19.5%	92
	2012	149	(10)	10	(12)	(12)	(8.1%)	137
	2013	291	(16)	62	(97)	(51)	(17.5%)	240
	2014	290	(15)	13	(20)	(22)	(7.6%)	268
	2015	570	(7)	(64)	(151)	(222)	(38.9%)	348
	2016	946	(9)	(48)	258	201	21.2%	1,147
	2017	3,254	(89)	83	(54)	(60)	(1.8%)	3,194
	2018	4,166	(116)	3	158	45	1.1%	4,211
	2019	1,556	514	(55)	97	556	35.7%	2,112
Private Passenger Total		11,433	239	47	126	412	3.6%	11,845
Non Private Passenger								
	prior	6	-	(5)	21	16	266.7%	22
	2010	12	-	-	6	6	50.0%	18
	2011	13	-	131	3	134	1,030.8%	147
	2012	(18)	1	(1)	49	49	(272.2%)	31
	2013	197	(1)	(9)	(5)	(15)	(7.6%)	182
	2014	49	(1)	1	(5)	(5)	(10.2%)	44
	2015	249	(12)	12	(30)	(30)	(12.0%)	219
	2016	503	(27)	24	11	8	1.6%	511
	2017	422	(29)	158	301	430	101.9%	852
	2018	944	(74)	46	(38)	(66)	(7.0%)	878
	2019	(156)	163	104	522	789	(505.8%)	633
Non Private Passenger Total		2,221	20	461	835	1,316	59.3%	3,537
Grand Total		13,654	259	508	961	1,728	12.7%	15,382

EXHIBIT G-1

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

page 3 of 10

Jurisdiction Desc Nova Scotia
AccountCode Desc IBNR Provision
AccountCode (All)

M/S IBNR - in \$000s

Business Segment	AccYear	Values	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
		Sum of Prior Month Actual Amount						
Private Passenger								
	prior	13	(1)	2	11	12	92.3%	25
	2010	4	-	-	5	5	125.0%	9
	2011	6	-	-	-	-	-	6
	2012	(22)	-	-	2	2	(9.1%)	(20)
	2013	106	(2)	2	(92)	(92)	(86.8%)	14
	2014	(49)	1	(23)	104	82	(167.3%)	33
	2015	93	(2)	(20)	(9)	(31)	(33.3%)	62
	2016	532	(24)	17	15	8	1.5%	540
	2017	1,580	(15)	20	17	22	1.4%	1,602
	2018	2,391	(49)	(68)	327	210	8.8%	2,601
	2019	1,336	415	(154)	92	353	26.4%	1,689
Private Passenger Total		5,990	323	(224)	472	571	9.5%	6,561
Non Private Passenger								
	prior	-	-	-	-	-	-	-
	2010	(2)	-	-	-	-	-	(2)
	2011	(5)	-	-	-	-	-	(5)
	2012	(3)	1	(1)	3	3	(100.0%)	-
	2013	37	-	-	54	54	145.9%	91
	2014	169	(4)	4	(56)	(56)	(33.1%)	113
	2015	389	(5)	18	(20)	(7)	(1.8%)	382
	2016	532	(14)	81	277	344	64.7%	876
	2017	1,339	(37)	(5)	87	45	3.4%	1,384
	2018	2,131	(52)	123	188	259	12.2%	2,390
	2019	1,500	390	(155)	18	253	16.9%	1,753
Non Private Passenger Total		6,087	279	65	551	895	14.7%	6,982
Grand Total		12,077	602	(159)	1,023	1,466	12.1%	13,543

EXHIBIT G-1

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

page 4 of 10

Jurisdiction Desc	Prince Edward Island
AccountCode Desc	IBNR Provision
AccountCode	(All)

M/S IBNR - in \$000s

Business Segment	AccYear	Values	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
		Sum of Prior Month Actual Amount						
Private Passenger								
	prior	(5)	-	-	-	-	-	(5)
	2010	(17)	(1)	1	15	15	(88.2%)	(2)
	2011	(1)	-	-	-	-	-	(1)
	2012	-	-	-	-	-	-	-
	2013	(2)	-	-	-	-	-	(2)
	2014	23	(1)	140	1	140	608.7%	163
	2015	91	-	-	3	3	3.3%	94
	2016	(570)	6	(6)	928	928	(162.8%)	358
	2017	70	(1)	(4)	286	281	401.4%	351
	2018	603	(7)	42	(96)	(61)	(10.1%)	542
	2019	240	56	(50)	9	15	6.3%	255
Private Passenger Total		432	52	123	1,146	1,321	305.8%	1,753
Non Private Passenger								
	prior	(1)	-	-	-	-	-	(1)
	2010	-	-	-	-	-	-	-
	2011	1	-	-	-	-	-	1
	2012	(16)	-	-	12	12	(75.0%)	(4)
	2013	(36)	-	-	39	39	(108.3%)	3
	2014	9	(1)	1	(2)	(2)	(22.2%)	7
	2015	106	(2)	2	(22)	(22)	(20.8%)	84
	2016	219	(3)	(3)	85	79	36.1%	298
	2017	707	(6)	(1)	(24)	(31)	(4.4%)	676
	2018	522	(7)	(20)	231	204	39.1%	726
	2019	70	32	103	89	224	320.0%	294
Non Private Passenger Total		1,581	13	82	408	503	31.8%	2,084
Grand Total		2,013	65	205	1,554	1,824	90.6%	3,837

EXHIBIT G-1

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

page 5 of 10

Jurisdiction Desc	Ontario
AccountCode Desc	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 Passenger								
	prior	2,351	(263)	176	(695)	(782)	(33.3%)	1,569
	2010	523	(63)	344	(163)	118	22.6%	641
	2011	182	(25)	25	(44)	(44)	(24.2%)	138
	2012	(36)	4	(4)	62	62	(172.2%)	26
	2013	(154)	23	(28)	179	174	(113.0%)	20
	2014	(1,511)	206	(205)	1,624	1,625	(107.5%)	114
	2015	131	(4)	(55)	29	(30)	(22.9%)	101
	2016	468	(15)	128	204	317	67.7%	785
	2017	2,185	(261)	273	44	56	2.6%	2,241
	2018	2,569	(96)	(321)	964	547	21.3%	3,116
	2019	1,462	587	(182)	97	502	34.3%	1,964
Private Passenger Total		8,170	93	151	2,301	2,545	31.2%	10,715
Non Private Passenger								
	prior	82	(6)	7	20	21	25.6%	103
	2010	41	(3)	3	1	1	2.4%	42
	2011	292	(14)	66	(159)	(107)	(36.6%)	185
	2012	96	(6)	9	138	141	146.9%	237
	2013	(537)	27	11	968	1,006	(187.3%)	469
	2014	(419)	19	7	846	872	(208.1%)	453
	2015	1,392	(57)	55	(279)	(281)	(20.2%)	1,111
	2016	2,488	(106)	30	(111)	(187)	(7.5%)	2,301
	2017	4,297	(198)	90	112	4	0.1%	4,301
	2018	9,545	(437)	187	980	730	7.6%	10,275
	2019	10,172	2,759	(658)	(435)	1,666	16.4%	11,838
Non Private Passenger Total		27,449	1,978	(193)	2,081	3,866	14.1%	31,315
Grand Total		35,619	2,071	(42)	4,382	6,411	18.0%	42,030

EXHIBIT G-1

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

page 6 of 10

Jurisdiction Desc	Alberta
AccountCode Desc	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 Passenger	prior	(10)	(2)	2	2	2	(20.0%)	(8)
	2010	30	(1)	1	1	1	3.3%	31
	2011	348	(12)	12	(218)	(218)	(62.6%)	130
	2012	327	(9)	9	(50)	(50)	(15.3%)	277
	2013	32	(1)	1	148	148	462.5%	180
	2014	480	(17)	17	(27)	(27)	(5.6%)	453
	2015	618	(18)	(39)	(112)	(169)	(27.3%)	449
	2016	556	(25)	25	64	64	11.5%	620
	2017	1,190	(36)	45	(76)	(67)	(5.6%)	1,123
	2018	1,030	(30)	8	232	210	20.4%	1,240
	2019	411	124	(139)	49	34	8.3%	445
Private Passenger Total		5,012	(27)	(58)	13	(72)	(1.4%)	4,940
Non Private Passenger	prior	16	-	185	25	210	1,312.5%	226
	2010	7	-	-	-	-	-	7
	2011	26	(1)	(101)	32	(70)	(269.2%)	(44)
	2012	61	(2)	(110)	12	(100)	(163.9%)	(39)
	2013	647	(22)	86	(62)	2	0.3%	649
	2014	1,114	(50)	(62)	(627)	(739)	(66.3%)	375
	2015	2,292	(96)	97	(124)	(123)	(5.4%)	2,169
	2016	3,615	(117)	30	22	(65)	(1.8%)	3,550
	2017	2,787	(236)	(35)	1,918	1,647	59.1%	4,434
	2018	2,545	(192)	(951)	6,035	4,892	192.2%	7,437
	2019	7,019	1,905	(823)	93	1,175	16.7%	8,194
Non Private Passenger Total		20,129	1,189	(1,684)	7,324	6,829	33.9%	26,958
Grand Total		25,141	1,162	(1,742)	7,337	6,757	26.9%	31,898

EXHIBIT G-1

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

page 7 of 10

Jurisdiction Desc	Yukon
AccountCode Desc	IBNR Provision
AccountCode	(All)

M/S IBNR - in \$000s

Business Segment	AccYear	Values						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	Sum of Total Change	Sum of % Total Change	
Private Passenger	prior	4	-	-	-	-	-	4
	2010	(1)	-	-	2	2	(200.0%)	1
	2011	4	-	-	-	-	-	4
	2012	9	-	-	(2)	(2)	(22.2%)	7
	2013	17	-	-	(3)	(3)	(17.6%)	14
	2014	35	-	-	(5)	(5)	(14.3%)	30
	2015	65	(1)	1	(9)	(9)	(13.8%)	56
	2016	163	(2)	2	(4)	(4)	(2.5%)	159
	2017	134	(2)	2	29	29	21.6%	163
	2018	192	(3)	3	6	6	3.1%	198
	2019	71	8	7	2	17	23.9%	88
Private Passenger Total		693	-	15	16	31	4.5%	724
Non Private Passenger	prior	2	-	-	-	-	-	2
	2010	-	-	-	-	-	-	-
	2011	-	-	-	-	-	-	-
	2012	1	-	-	-	-	-	1
	2013	4	-	-	(2)	(2)	(50.0%)	2
	2014	9	-	-	(2)	(2)	(22.2%)	7
	2015	36	-	-	(3)	(3)	(8.3%)	33
	2016	65	(1)	12	-	11	16.9%	76
	2017	165	(3)	3	(5)	(5)	(3.0%)	160
	2018	16	(1)	3	169	171	1,068.8%	187
	2019	151	29	20	(3)	46	30.5%	197
Non Private Passenger Total		449	24	38	154	216	48.1%	665
Grand Total		1,142	24	53	170	247	21.6%	1,389

EXHIBIT G-1

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

page 8 of 10

Jurisdiction Desc	Northwest Territories
AccountCode Desc	IBNR Provision
AccountCode	(All)

M/S IBNR - in \$000s

Business Segment	AccYear	Values						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	Sum of Total Change	Sum of % Total Change	
Private Passenger	prior	(2)	-	-	-	-	-	(2)
	2010	(1)	-	-	-	-	-	(1)
	2011	3	-	-	-	-	-	3
	2012	10	-	-	-	-	-	10
	2013	15	-	-	(4)	(4)	(26.7%)	11
	2014	46	-	-	(7)	(7)	(15.2%)	39
	2015	95	(1)	1	(11)	(11)	(11.6%)	84
	2016	258	(2)	2	(11)	(11)	(4.3%)	247
	2017	406	(6)	1	(121)	(126)	(31.0%)	280
	2018	487	(19)	35	24	40	8.2%	527
	2019	85	58	(30)	33	61	71.8%	146
Private Passenger Total		1,402	30	9	(97)	(58)	(4.1%)	1,344
Non Private Passenger	prior	2	-	-	-	-	-	2
	2010	1	-	-	-	-	-	1
	2011	-	-	-	-	-	-	-
	2012	-	-	-	-	-	-	-
	2013	36	-	-	7	7	19.4%	43
	2014	12	-	-	(2)	(2)	(16.7%)	10
	2015	39	-	-	(8)	(8)	(20.5%)	31
	2016	139	(2)	1	-	(1)	(0.7%)	138
	2017	279	(4)	4	(19)	(19)	(6.8%)	260
	2018	287	(17)	(76)	26	(67)	(23.3%)	220
	2019	(93)	(4)	(34)	10	(28)	30.1%	(121)
Non Private Passenger Total		702	(27)	(105)	14	(118)	(16.8%)	584
Grand Total		2,104	3	(96)	(83)	(176)	(8.4%)	1,928

EXHIBIT G-1

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

page 9 of 10

Jurisdiction Desc	Nunavut
AccountCode Desc	IBNR Provision
AccountCode	(All)

M/S IBNR - in \$000s

Business Segment	AccYear	Values						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	Sum of Total Change	Sum of % Total Change	
Private Passenger	prior	(1)	-	-	-	-	-	(1)
	2010	-	-	-	-	-	-	-
	2011	-	-	-	-	-	-	-
	2012	14	-	-	1	1	7.1%	15
	2013	2	-	-	-	-	-	2
	2014	10	-	-	(2)	(2)	(20.0%)	8
	2015	13	-	-	-	-	-	13
	2016	41	-	-	(1)	(1)	(2.4%)	40
	2017	43	-	(12)	1	(11)	(25.6%)	32
	2018	36	(1)	1	3	3	8.3%	39
	2019	16	1	2	-	3	18.8%	19
Private Passenger Total		174	-	(9)	2	(7)	(4.0%)	167
Non Private Passenger	prior	-	-	-	-	-	-	-
	2010	-	-	-	-	-	-	-
	2011	-	-	-	-	-	-	-
	2012	-	-	-	-	-	-	-
	2013	14	-	-	(2)	(2)	(14.3%)	12
	2014	25	-	-	(1)	(1)	(4.0%)	24
	2015	(39)	-	-	64	64	(164.1%)	25
	2016	80	(1)	1	13	13	16.3%	93
	2017	173	(3)	8	9	14	8.1%	187
	2018	211	(2)	2	42	42	19.9%	253
	2019	58	20	(4)	9	25	43.1%	83
Non Private Passenger Total		522	14	7	134	155	29.7%	677
Grand Total		696	14	(2)	136	148	21.3%	844

EXHIBIT G-1

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

page 10 of 10

Jurisdiction Desc	(All)
AccountCode Desc	IBNR Provision
AccountCode	(All)

M/S IBNR - in \$000s

Business Segment	AccYear	Values	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
		Sum of Prior Month Actual Amount						
Private Passenger								
	prior	2,419	(269)	183	(716)	(802)	(33.2%)	1,617
	2010	587	(69)	350	(139)	142	24.2%	729
	2011	626	(43)	73	(289)	(259)	(41.4%)	367
	2012	538	(17)	17	(4)	(4)	(0.7%)	534
	2013	339	4	37	149	190	56.0%	529
	2014	(567)	176	(121)	1,776	1,831	(322.9%)	1,264
	2015	1,905	(42)	(281)	(155)	(478)	(25.1%)	1,427
	2016	3,129	(113)	236	1,621	1,744	55.7%	4,873
	2017	10,021	(481)	501	338	358	3.6%	10,379
	2018	12,959	(409)	(853)	1,856	594	4.6%	13,553
	2019	6,618	1,990	(924)	494	1,560	23.6%	8,178
Private Passenger Total		38,574	727	(782)	4,931	4,876	12.6%	43,450
Non Private Passenger								
	prior	113	(6)	187	66	247	218.6%	360
	2010	61	(3)	3	7	7	11.5%	68
	2011	317	(14)	95	(110)	(29)	(9.1%)	288
	2012	142	(5)	(104)	217	108	76.1%	250
	2013	394	3	89	1,000	1,092	277.2%	1,486
	2014	975	(37)	(39)	137	61	6.3%	1,036
	2015	4,574	(177)	364	(391)	(204)	(4.5%)	4,370
	2016	8,084	(319)	318	243	242	3.0%	8,326
	2017	10,658	(588)	400	2,518	2,330	21.9%	12,988
	2018	16,983	(918)	(518)	7,962	6,526	38.4%	23,509
	2019	19,280	5,386	(1,571)	340	4,155	21.6%	23,435
Non Private Passenger Total		61,581	3,322	(776)	11,989	14,535	23.6%	76,116
Grand Total		100,155	4,049	(1,558)	16,920	19,411	19.4%	119,566

EXHIBIT G-2

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

page 1 of 10

Jurisdiction Desc	Newfoundland & Labrador
AccountCode Desc	Undiscounted IBNR Provision
AccountCode	(All)

IBNR - in \$000s

Business Segment	AccYear	Values						
		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	(11)	1	(1)	-	-	-	(11)
	2010	(5)	-	-	-	-	-	(5)
	2011	14	(1)	1	(19)	(19)	(135.7%)	(5)
	2012	33	(2)	2	(43)	(43)	(130.3%)	(10)
	2013	3	-	-	-	-	-	3
	2014	(54)	3	(61)	71	13	(24.1%)	(41)
	2015	14	(1)	(110)	65	(46)	(328.6%)	(32)
	2016	392	(27)	115	106	194	49.5%	586
	2017	793	(56)	121	148	213	26.9%	1,006
	2018	976	(68)	(571)	125	(514)	(52.7%)	462
	2019	1,249	186	(321)	60	(75)	(6.0%)	1,174
Private Passenger Total		3,404	35	(825)	513	(277)	(8.1%)	3,127
Non Private Passenger	prior	6	-	-	-	-	-	6
	2010	2	-	-	-	-	-	2
	2011	2	-	-	-	-	-	2
	2012	11	-	-	-	-	-	11
	2013	(2)	-	-	-	-	-	(2)
	2014	(9)	-	15	(13)	2	(22.2%)	(7)
	2015	(19)	-	188	19	207	(1,089.5%)	188
	2016	271	(41)	141	(63)	37	13.7%	308
	2017	244	(61)	184	103	226	92.6%	470
	2018	508	(127)	166	274	313	61.6%	821
	2019	471	71	(112)	17	(24)	(5.1%)	447
Non Private Passenger Total		1,485	(158)	582	337	761	51.2%	2,246
Grand Total		4,889	(123)	(243)	850	484	9.9%	5,373

EXHIBIT G-2

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

page 2 of 10

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

IBNR - in \$000s

Business Segment	AccYear	Values						
		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	39	(2)	2	(40)	(40)	(102.6%)	(1)
	2010	29	(2)	2	-	-	-	29
	2011	63	(4)	34	(15)	15	23.8%	78
	2012	126	(8)	8	(14)	(14)	(11.1%)	112
	2013	233	(14)	62	(96)	(48)	(20.6%)	185
	2014	186	(11)	9	(26)	(28)	(15.1%)	158
	2015	272	(3)	(10)	(164)	(177)	(65.1%)	95
	2016	659	(7)	(48)	205	150	22.8%	809
	2017	2,910	(87)	83	(101)	(105)	(3.6%)	2,805
	2018	3,784	(114)	2	77	(35)	(0.9%)	3,749
	2019	1,431	482	(50)	51	483	33.8%	1,914
Private Passenger Total		9,732	230	94	(123)	201	2.1%	9,933
Non Private Passenger	prior	4	-	(5)	17	12	300.0%	16
	2010	2	-	-	-	-	-	2
	2011	(1)	-	131	-	131	(13,100.0%)	130
	2012	(41)	1	(1)	42	42	(102.4%)	1
	2013	37	(1)	(9)	(39)	(49)	(132.4%)	(12)
	2014	30	(1)	1	(9)	(9)	(30.0%)	21
	2015	183	(11)	12	(38)	(37)	(20.2%)	146
	2016	431	(26)	23	-	(3)	(0.7%)	428
	2017	301	(27)	171	258	402	133.6%	703
	2018	776	(70)	44	(83)	(109)	(14.0%)	667
	2019	(217)	146	103	463	712	(328.1%)	495
Non Private Passenger Total		1,505	11	470	611	1,092	72.6%	2,597
Grand Total		11,237	241	564	488	1,293	11.5%	12,530

EXHIBIT G-2

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

page 3 of 10

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

IBNR - in \$000s

Business Segment	AccYear	Values						
		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	4	-	1	-	1	25.0%	5
	2010	8	-	-	-	-	-	8
	2011	5	-	-	-	-	-	5
	2012	(28)	-	-	-	-	-	(28)
	2013	95	(1)	1	(89)	(89)	(93.7%)	6
	2014	(105)	1	(1)	90	90	(85.7%)	(15)
	2015	50	(1)	(17)	(14)	(32)	(64.0%)	18
	2016	431	(22)	22	-	-	-	431
	2017	1,425	(14)	19	(8)	(3)	(0.2%)	1,422
	2018	2,084	(42)	(71)	251	138	6.6%	2,222
	2019	1,196	379	(159)	52	272	22.7%	1,468
Private Passenger Total		5,165	300	(205)	282	377	7.3%	5,542
Non Private Passenger	prior	(3)	-	-	-	-	-	(3)
	2010	(2)	-	-	-	-	-	(2)
	2011	(5)	-	-	-	-	-	(5)
	2012	(4)	-	-	-	-	-	(4)
	2013	(30)	1	(1)	30	30	(100.0%)	-
	2014	76	(2)	2	(68)	(68)	(89.5%)	8
	2015	297	(3)	17	(28)	(14)	(4.7%)	283
	2016	355	(9)	101	238	330	93.0%	685
	2017	1,076	(32)	(9)	42	1	0.1%	1,077
	2018	1,843	(46)	132	125	211	11.4%	2,054
	2019	1,385	360	(158)	(16)	186	13.4%	1,571
Non Private Passenger Total		4,988	269	84	323	676	13.6%	5,664
Grand Total		10,153	569	(121)	605	1,053	10.4%	11,206

EXHIBIT G-2

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

page 4 of 10

Jurisdiction Desc	Prince Edward Island
AccountCode Desc	Undiscounted IBNR Provision
AccountCode	(All)

IBNR - in \$000s

Business Segment	AccYear	Values						
		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	(5)	-	-	-	-	-	(5)
	2010	(1)	-	-	-	-	-	(1)
	2011	(1)	-	-	-	-	-	(1)
	2012	-	-	-	-	-	-	-
	2013	(2)	-	-	-	-	-	(2)
	2014	1	-	152	-	152	15,200.0%	153
	2015	37	-	-	(8)	(8)	(21.6%)	29
	2016	(607)	6	(6)	920	920	(151.6%)	313
	2017	20	-	(5)	258	253	1,265.0%	273
	2018	533	(5)	41	(100)	(64)	(12.0%)	469
	2019	221	52	(52)	4	4	1.8%	225
Private Passenger Total		196	53	130	1,074	1,257	641.3%	1,453
Non Private Passenger	prior	(1)	-	-	-	-	-	(1)
	2010	-	-	-	-	-	-	-
	2011	1	-	-	-	-	-	1
	2012	-	-	-	-	-	-	-
	2013	(36)	-	-	37	37	(102.8%)	1
	2014	9	-	-	(3)	(3)	(33.3%)	6
	2015	103	(1)	1	(22)	(22)	(21.4%)	81
	2016	170	(2)	(4)	62	56	32.9%	226
	2017	649	(6)	(1)	(37)	(44)	(6.8%)	605
	2018	389	(4)	(20)	197	173	44.5%	562
	2019	46	25	101	78	204	443.5%	250
Non Private Passenger Total		1,330	12	77	312	401	30.2%	1,731
Grand Total		1,526	65	207	1,386	1,658	108.7%	3,184

EXHIBIT G-2

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

page 5 of 10

Jurisdiction Desc	Ontario
AccountCode Desc	Undiscounted IBNR Provision
AccountCode	(All)

IBNR - in \$000s

Business Segment	AccYear	Values						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	Sum of Total Change	Sum of % Total Change	
Private Passenger	prior	1,994	(261)	175	(888)	(974)	(48.8%)	1,020
	2010	495	(64)	345	(197)	84	17.0%	579
	2011	191	(25)	25	(75)	(75)	(39.3%)	116
	2012	(21)	3	(4)	32	31	(147.6%)	10
	2013	(176)	23	(28)	160	155	(88.1%)	(21)
	2014	(1,585)	206	(205)	1,510	1,511	(95.3%)	(74)
	2015	81	(3)	(56)	15	(44)	(54.3%)	37
	2016	298	(12)	127	161	276	92.6%	574
	2017	1,982	(258)	273	14	29	1.5%	2,011
	2018	2,213	(89)	(277)	836	470	21.2%	2,683
	2019	1,264	532	(186)	53	399	31.6%	1,663
Private Passenger Total		6,736	52	189	1,621	1,862	27.6%	8,598
Non Private Passenger	prior	36	(1)	2	-	1	2.8%	37
	2010	37	(2)	2	-	-	-	37
	2011	257	(13)	63	(180)	(130)	(50.6%)	127
	2012	21	(1)	1	117	117	557.1%	138
	2013	(803)	40	40	839	919	(114.4%)	116
	2014	(528)	26	1	777	804	(152.3%)	276
	2015	857	(43)	42	(346)	(347)	(40.5%)	510
	2016	1,886	(94)	23	(166)	(237)	(12.6%)	1,649
	2017	3,721	(186)	79	30	(77)	(2.1%)	3,644
	2018	8,193	(410)	193	709	492	6.0%	8,685
	2019	9,339	2,540	(638)	(564)	1,338	14.3%	10,677
Non Private Passenger Total		23,016	1,856	(192)	1,216	2,880	12.5%	25,896
Grand Total		29,752	1,908	(3)	2,837	4,742	15.9%	34,494

EXHIBIT G-2

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

page 6 of 10

Jurisdiction Desc	Alberta
AccountCode Desc	Undiscounted IBNR Provision
AccountCode	(All)

IBNR - in \$000s

Business Segment	AccYear	Values						
		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	(38)	1	(1)	-	-	-	(38)
	2010	29	(1)	1	-	-	-	29
	2011	264	(8)	8	(215)	(215)	(81.4%)	49
	2012	301	(9)	9	(48)	(48)	(15.9%)	253
	2013	20	(1)	1	137	137	685.0%	157
	2014	350	(11)	11	(42)	(42)	(12.0%)	308
	2015	560	(17)	(40)	(113)	(170)	(30.4%)	390
	2016	410	(21)	21	38	38	9.3%	448
	2017	1,068	(32)	42	(89)	(79)	(7.4%)	989
	2018	880	(26)	8	182	164	18.6%	1,044
	2019	353	111	(127)	32	16	4.5%	369
Private Passenger Total		4,197	(14)	(67)	(118)	(199)	(4.7%)	3,998
Non Private Passenger	prior	15	-	182	-	182	1,213.3%	197
	2010	6	-	-	-	-	-	6
	2011	16	(1)	(99)	-	(100)	(625.0%)	(84)
	2012	28	(1)	(111)	-	(112)	(400.0%)	(84)
	2013	388	(19)	89	(120)	(50)	(12.9%)	338
	2014	951	(48)	(46)	(610)	(704)	(74.0%)	247
	2015	1,724	(86)	179	(176)	(83)	(4.8%)	1,641
	2016	2,676	(107)	34	(100)	(173)	(6.5%)	2,503
	2017	2,058	(206)	(53)	1,645	1,386	67.3%	3,444
	2018	1,489	(149)	(821)	5,417	4,447	298.7%	5,936
	2019	6,320	1,725	(769)	(69)	887	14.0%	7,207
Non Private Passenger Total		15,671	1,108	(1,415)	5,987	5,680	36.2%	21,351
Grand Total		19,868	1,094	(1,482)	5,869	5,481	27.6%	25,349

EXHIBIT G-2

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

page 7 of 10

Jurisdiction Desc	Yukon
AccountCode Desc	Undiscounted IBNR Provision
AccountCode	(All)

IBNR - in \$000s

Business Segment	AccYear	Values						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	Sum of Total Change	Sum of % Total Change	
Private Passenger	prior	4	-	-	-	-	-	4
	2010	1	-	-	-	-	-	1
	2011	4	-	-	-	-	-	4
	2012	8	-	-	(2)	(2)	(25.0%)	6
	2013	15	-	-	(2)	(2)	(13.3%)	13
	2014	33	-	-	(5)	(5)	(15.2%)	28
	2015	61	(1)	1	(8)	(8)	(13.1%)	53
	2016	150	(2)	2	(4)	(4)	(2.7%)	146
	2017	66	(1)	1	15	15	22.7%	81
	2018	180	(2)	2	3	3	1.7%	183
	2019	67	7	8	-	15	22.4%	82
Private Passenger Total		589	1	14	(3)	12	2.0%	601
Non Private Passenger	prior	2	-	-	-	-	-	2
	2010	-	-	-	-	-	-	-
	2011	-	-	-	-	-	-	-
	2012	1	-	-	-	-	-	1
	2013	4	-	-	(2)	(2)	(50.0%)	2
	2014	8	-	-	(2)	(2)	(25.0%)	6
	2015	34	-	-	(3)	(3)	(8.8%)	31
	2016	53	(1)	18	(1)	16	30.2%	69
	2017	153	(2)	2	(6)	(6)	(3.9%)	147
	2018	(27)	-	2	147	149	(551.9%)	122
	2019	139	27	19	(4)	42	30.2%	181
Non Private Passenger Total		367	24	41	129	194	52.9%	561
Grand Total		956	25	55	126	206	21.5%	1,162

EXHIBIT G-2

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

page 8 of 10

Jurisdiction Desc	Northwest Territories
AccountCode Desc	Undiscounted IBNR Provision
AccountCode	(All)

IBNR - in \$000s

Business Segment	AccYear	Values						
		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	(2)	-	-	-	-	-	(2)
	2010	(1)	-	-	-	-	-	(1)
	2011	3	-	-	-	-	-	3
	2012	9	-	-	-	-	-	9
	2013	14	-	-	(4)	(4)	(28.6%)	10
	2014	44	-	-	(8)	(8)	(18.2%)	36
	2015	89	(1)	1	(11)	(11)	(12.4%)	78
	2016	238	(2)	2	(11)	(11)	(4.6%)	227
	2017	339	(3)	(1)	(124)	(128)	(37.8%)	211
	2018	448	(18)	35	12	29	6.5%	477
	2019	70	55	(26)	27	56	80.0%	126
Private Passenger Total		1,251	31	11	(119)	(77)	(6.2%)	1,174
Non Private Passenger	prior	2	-	-	-	-	-	2
	2010	1	-	-	-	-	-	1
	2011	-	-	-	-	-	-	-
	2012	-	-	-	-	-	-	-
	2013	11	-	-	-	-	-	11
	2014	11	-	-	(2)	(2)	(18.2%)	9
	2015	36	-	-	(7)	(7)	(19.4%)	29
	2016	127	(1)	1	(1)	(1)	(0.8%)	126
	2017	259	(3)	3	(19)	(19)	(7.3%)	240
	2018	261	(16)	(70)	20	(66)	(25.3%)	195
	2019	(101)	(6)	(34)	7	(33)	32.7%	(134)
Non Private Passenger Total		607	(26)	(100)	(2)	(128)	(21.1%)	479
Grand Total		1,858	5	(89)	(121)	(205)	(11.0%)	1,653

EXHIBIT G-2

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

page 9 of 10

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

IBNR - in \$000s

Business Segment	AccYear	Values						
		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	(1)	-	-	-	-	-	(1)
	2010	-	-	-	-	-	-	-
	2011	-	-	-	-	-	-	-
	2012	1	-	-	-	-	-	1
	2013	2	-	-	-	-	-	2
	2014	9	-	-	(2)	(2)	(22.2%)	7
	2015	13	-	-	(1)	(1)	(7.7%)	12
	2016	38	-	-	(1)	(1)	(2.6%)	37
	2017	40	-	(11)	-	(11)	(27.5%)	29
	2018	33	(1)	1	3	3	9.1%	36
	2019	15	1	2	-	3	20.0%	18
Private Passenger Total		150	-	(8)	(1)	(9)	(6.0%)	141
Non Private Passenger	prior	-	-	-	-	-	-	-
	2010	-	-	-	-	-	-	-
	2011	-	-	-	-	-	-	-
	2012	-	-	-	-	-	-	-
	2013	14	-	-	(3)	(3)	(21.4%)	11
	2014	7	-	-	(2)	(2)	(28.6%)	5
	2015	(41)	-	-	59	59	(143.9%)	18
	2016	75	(1)	1	9	9	12.0%	84
	2017	162	(2)	7	6	11	6.8%	173
	2018	197	(2)	2	33	33	16.8%	230
	2019	53	20	(5)	6	21	39.6%	74
Non Private Passenger Total		467	15	5	108	128	27.4%	595
Grand Total		617	15	(3)	107	119	19.3%	736

EXHIBIT G-2

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

page 10 of 10

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

IBNR - in \$000s

Business Segment	AccYear	Values						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	Sum of Total Change	Sum of % Total Change	
Private Passenger	prior	1,984	(261)	176	(928)	(1,013)	(51.1%)	971
	2010	555	(67)	348	(197)	84	15.1%	639
	2011	543	(38)	68	(324)	(294)	(54.1%)	249
	2012	429	(16)	15	(75)	(76)	(17.7%)	353
	2013	204	7	36	106	149	73.0%	353
	2014	(1,121)	188	(95)	1,588	1,681	(150.0%)	560
	2015	1,177	(27)	(231)	(239)	(497)	(42.2%)	680
	2016	2,009	(87)	235	1,414	1,562	77.8%	3,571
	2017	8,643	(451)	522	113	184	2.1%	8,827
	2018	11,131	(365)	(830)	1,389	194	1.7%	11,325
	2019	5,866	1,805	(911)	279	1,173	20.0%	7,039
Private Passenger Total		31,420	688	(667)	3,126	3,147	10.0%	34,567
Non Private Passenger	prior	61	(1)	179	17	195	319.7%	256
	2010	46	(2)	2	-	-	-	46
	2011	270	(14)	95	(180)	(99)	(36.7%)	171
	2012	16	(1)	(111)	159	47	293.8%	63
	2013	(417)	21	119	742	882	(211.5%)	465
	2014	555	(25)	(27)	68	16	2.9%	571
	2015	3,174	(144)	439	(542)	(247)	(7.8%)	2,927
	2016	6,044	(282)	338	(22)	34	0.6%	6,078
	2017	8,623	(525)	383	2,022	1,880	21.8%	10,503
	2018	13,629	(824)	(372)	6,839	5,643	41.4%	19,272
	2019	17,435	4,908	(1,493)	(82)	3,333	19.1%	20,768
Non Private Passenger Total		49,436	3,111	(448)	9,021	11,684	23.6%	61,120
Grand Total		80,856	3,799	(1,115)	12,147	14,831	18.3%	95,687

EXHIBIT H

Projected Year-end Policy Liabilities

The table below presents the projected policy liabilities as at December 31, 2019, broken down by component. By segment (i.e. private passenger vs non-private passenger) is available upon request.

page 1 of 10

Newfoundland & Labrador

PPV & non-PPV ending 2019	Newfoundland & Labrador - Projected Balances as at Dec. 31, 2019 (\$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	-	(4)	-	(4)	-	-	-	2	2	(2)	
2000	(1)	(2)	-	(3)	-	-	-	-	-	(3)	
2001	(1)	(2)	(6)	(9)	-	-	-	1	1	(8)	
2002	-	1	-	1	-	-	-	-	-	1	
2003	-	-	1	1	-	-	-	-	-	1	
2004	(3)	(8)	12	1	-	-	-	2	2	3	
2005	1	4	15	20	-	-	-	1	1	21	
2006	1	3	8	12	-	-	-	1	1	13	
2007	26	(3)	17	40	(3)	-	-	4	1	41	
2008	83	2	38	123	(9)	1	12	4	4	127	
2009	75	6	58	139	(11)	2	13	4	4	143	
2010	27	(2)	106	131	(10)	1	12	3	3	134	
2011	622	(2)	108	728	(76)	11	66	1	1	729	
2012	1,884	(1)	156	2,039	(115)	18	193	96	96	2,135	
2013	1,253	-	264	1,517	(69)	11	144	86	86	1,603	
2014	2,684	(31)	138	2,791	(103)	14	318	229	229	3,020	
2015	4,218	117	409	4,744	(132)	20	478	366	366	5,110	
2016	5,410	366	381	6,157	(175)	27	648	500	500	6,657	
2017	6,163	630	199	6,992	(204)	32	750	578	578	7,570	
2018	10,290	366	410	11,066	(343)	59	1,154	870	870	11,936	
PAYs (sub-total):	32,732	1,440	2,314	36,486	(1,250)	196	3,799	2,745	2,745	39,231	
CAY (2019)	12,501	1,857	390	14,748	(515)	89	1,557	1,131	1,131	15,879	
claims liabilities:	45,233	3,297	2,704	51,234	(1,765)	285	5,356	3,876	3,876	55,110	
	Unearned Premium	Premium Deficiency / (DPAC)		Total Provision	discount	investment PfAD	development PfAD	Total apvs	TOTAL*		
premium liabilities:	14,966	(1,416)		13,550	(339)	52	891	604	13,550		
	*Total may not be sum of parts, as apvs apply to future costs within UPR										
policy liabilities:				64,784	(2,104)	337	6,247	4,480	68,660		

*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, 2019, broken down by component. By segment (i.e. private passenger vs non-private passenger) is available upon request.

page 2 of 10

New Brunswick

PPV & non-PPV ending 2019	New Brunswick - Projected Balances as at Dec. 31, 2019 (\$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	2	9	-	11	-	-	2	2	13
2000	-	1	-	1	-	-	-	-	1
2001	-	(1)	-	(1)	-	-	-	-	(1)
2002	(1)	(4)	(1)	(6)	-	-	2	2	(4)
2003	199	(8)	3	194	-	-	19	19	213
2004	-	1	25	26	-	-	3	3	29
2005	1	2	10	13	-	-	3	3	16
2006	7	11	(32)	(14)	-	-	8	8	(6)
2007	-	(4)	49	45	-	-	6	6	51
2008	54	(2)	52	104	(11)	-	11	-	104
2009	291	1	55	347	(18)	2	32	16	363
2010	616	23	126	765	(35)	5	74	44	809
2011	275	143	141	559	(20)	3	55	38	597
2012	710	84	181	975	(39)	6	94	61	1,036
2013	3,093	128	209	3,430	(112)	15	332	235	3,665
2014	1,329	129	323	1,781	(39)	6	188	155	1,936
2015	3,375	161	351	3,887	(91)	13	391	313	4,200
2016	2,845	885	244	3,974	(114)	19	513	418	4,392
2017	2,380	2,891	253	5,524	(202)	35	700	533	6,057
2018	3,452	3,719	312	7,483	(319)	50	940	671	8,154
PAYs (sub-total):	18,628	8,169	2,301	29,098	(1,000)	154	3,373	2,527	31,625
CAY (2019)	5,117	6,214	368	11,699	(561)	93	1,437	969	12,668
claims liabilities:	23,745	14,383	2,669	40,797	(1,561)	247	4,810	3,496	44,293
	Unearned Premium	Premium Deficiency / (DPAC)		Total Provision	discount	investment PfAD	development PfAD	Total apvs	TOTAL*
premium liabilities:	12,369	(1,161)		11,208	(305)	46	728	469	11,208
policy liabilities:				52,005	(1,866)	293	5,538	3,965	55,501

*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, 2019, broken down by component. By segment (i.e. private passenger vs non-private passenger) is available upon request.

page 3 of 10

Nova Scotia

PPV & non-PPV ending 2019		Nova Scotia - Projected Balances as at Dec. 31, 2019 (\$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	7	(1)	7	-	-	2	2	9
2000	-	1	-	1	-	-	-	-	1
2001	-	4	-	4	-	-	-	-	4
2002	2	12	1	15	-	-	1	1	16
2003	(2)	(13)	-	(15)	-	-	2	2	(13)
2004	12	8	35	55	(3)	-	6	3	58
2005	73	(2)	44	115	(7)	1	12	6	121
2006	-	(5)	43	38	-	-	4	4	42
2007	92	1	78	171	(4)	-	18	14	185
2008	1	7	72	80	-	-	8	8	88
2009	201	(19)	101	283	(25)	4	27	6	289
2010	120	4	118	242	(19)	3	23	7	249
2011	7	-	129	136	(3)	1	14	12	148
2012	210	(26)	138	322	(18)	3	32	17	339
2013	1,550	5	123	1,678	(76)	11	161	96	1,774
2014	1,961	(6)	256	2,211	(71)	11	219	159	2,370
2015	1,083	246	137	1,466	(46)	7	194	155	1,621
2016	2,052	920	245	3,217	(98)	16	391	309	3,526
2017	2,914	1,810	276	5,000	(166)	30	623	487	5,487
2018	4,063	3,302	380	7,745	(288)	46	945	703	8,448
PAYs (sub-total):	14,340	6,256	2,175	22,771	(824)	133	2,682	1,991	24,762
CAY (2019)	5,996	6,864	464	13,324	(547)	92	1,596	1,141	14,465
claims liabilities:	20,336	13,120	2,639	36,095	(1,371)	225	4,278	3,132	39,227
	Unearned Premium	Premium Deficiency / (DPAC)		Total Provision	discount	investment PfAD	development PfAD	Total apvs	TOTAL*
premium liabilities:	14,602	(1,357)		13,245	(338)	48	972	682	13,467
policy liabilities:				49,340	(1,709)	273	5,250	3,814	52,694

*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, 2019, broken down by component. By segment (i.e. private passenger vs non-private passenger) is available upon request.

page 4 of 10

Prince Edward Island

PPV & non-PPV ending 2019	Prince Edward Island - Projected Balances as at Dec. 31, 2019 (\$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)	-	(1)	-	-	-	-	-	(1)
2000	-	(1)	-	(1)	-	-	-	-	-	(1)
2001	-	-	-	-	-	-	-	-	-	-
2002	-	-	-	-	-	-	-	-	-	-
2003	-	(2)	-	(2)	-	-	-	-	-	(2)
2004	-	4	5	9	-	-	-	-	-	9
2005	-	(4)	15	11	-	-	1	1	12	
2006	-	-	23	23	-	-	3	3	26	
2007	-	(1)	8	7	-	-	1	1	8	
2008	-	(1)	9	8	-	-	1	1	9	
2009	-	-	16	16	-	-	2	2	18	
2010	401	(1)	25	425	(46)	6	39	(1)	424	
2011	-	-	33	33	-	-	3	3	36	
2012	299	-	40	339	(38)	6	30	(2)	337	
2013	48	(1)	48	95	(4)	-	10	6	101	
2014	37	150	61	248	(12)	2	28	18	266	
2015	789	101	47	937	(36)	6	99	69	1,006	
2016	1,326	500	155	1,981	(84)	13	198	127	2,108	
2017	960	793	123	1,876	(64)	10	216	162	2,038	
2018	1,751	906	73	2,730	(102)	17	341	256	2,986	
PAYs (sub-total):	5,611	2,442	681	8,734	(386)	60	972	646	9,380	
CAY (2019)	1,029	993	28	2,050	(75)	13	260	198	2,248	
claims liabilities:	6,640	3,435	709	10,784	(461)	73	1,232	844	11,628	
	Unearned Premium	Premium Deficiency / (DPAC)		Total Provision	discount	investment PfAD	development PfAD	Total apvs	TOTAL*	
premium liabilities:	2,316	(218)		2,098	(52)	7	129	84	2,098	
*Total may not be sum of parts, as apvs apply to future costs within UPR										
policy liabilities:				12,882	(513)	80	1,361	928	13,726	

*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, 2019, broken down by component. By segment (i.e. private passenger vs non-private passenger) is available upon request.

page 5 of 10

Ontario

PPV & non-PPV ending 2019		Ontario - Projected Balances as at Dec. 31, 2019 (\$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	3,429	27	(4)	3,452	(59)	10	352	303	3,755
2000	1	10	3	14	-	-	1	1	15
2001	(2)	2	32	32	-	-	5	5	37
2002	400	(2)	134	532	(26)	4	51	29	561
2003	1,429	(170)	730	1,989	(113)	17	190	94	2,083
2004	567	86	618	1,271	(81)	12	119	50	1,321
2005	8	(33)	428	403	(20)	4	43	27	430
2006	360	109	299	768	(60)	10	70	20	788
2007	1,808	312	151	2,271	(193)	32	208	47	2,318
2008	286	183	456	925	(83)	14	84	15	940
2009	1,872	308	530	2,710	(232)	37	247	52	2,762
2010	756	482	646	1,884	(108)	18	179	89	1,973
2011	2,070	168	862	3,100	(233)	37	287	91	3,191
2012	1,912	91	1,165	3,168	(181)	29	299	147	3,315
2013	5,638	51	1,298	6,987	(322)	51	665	394	7,381
2014	4,638	108	1,276	6,022	(234)	40	632	438	6,460
2015	7,944	368	1,448	9,760	(329)	51	1,017	739	10,499
2016	5,895	1,505	1,244	8,644	(259)	38	1,166	945	9,589
2017	4,167	3,913	986	9,066	(332)	58	1,228	954	10,020
2018	7,070	8,534	1,947	17,551	(715)	124	2,763	2,172	19,723
PAYs (sub-total):	50,248	16,052	14,249	80,549	(3,580)	586	9,606	6,612	87,161
CAY (2019)	12,439	26,183	2,129	40,751	(1,769)	285	6,051	4,567	45,318
claims liabilities:	62,687	42,235	16,378	121,300	(5,349)	871	15,657	11,179	132,479
	Unearned Premium	Premium Deficiency / (DPAC)		Total Provision	discount	investment PfAD	development PfAD	Total apvs	TOTAL*
premium liabilities:	51,907	(3,196)		48,711	(1,146)	186	2,788	1,828	48,711
policy liabilities:				170,011	(6,495)	1,057	18,445	13,007	181,190

*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, 2019, broken down by component. By segment (i.e. private passenger vs non-private passenger) is available upon request.

page 6 of 10

Alberta

PPV & non-PPV ending 2019		Alberta - Projected Balances as at Dec. 31, 2019 (\$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	4	21	(1)	24	-	-	16	16	40
2000	(3)	(11)	(3)	(17)	-	-	1	1	(16)
2001	4	17	5	26	-	-	2	2	28
2002	(2)	(7)	12	3	-	-	3	3	6
2003	29	(38)	35	26	(1)	-	4	3	29
2004	1	(30)	(18)	(47)	-	-	5	5	(42)
2005	92	11	-	103	(8)	1	10	3	106
2006	3	(10)	58	51	-	-	10	10	61
2007	35	14	377	426	(9)	1	41	33	459
2008	485	144	438	1,067	(85)	14	99	28	1,095
2009	37	(2)	263	298	(24)	4	30	10	308
2010	4	25	119	148	(2)	-	15	13	161
2011	2,058	(22)	220	2,256	(124)	20	214	110	2,366
2012	819	116	226	1,161	(50)	7	112	69	1,230
2013	3,789	332	327	4,448	(167)	30	428	291	4,739
2014	2,641	375	406	3,422	(97)	15	334	252	3,674
2015	5,231	1,470	147	6,848	(200)	34	743	577	7,425
2016	9,859	1,579	280	11,718	(392)	60	1,528	1,196	12,914
2017	8,119	2,746	316	11,181	(409)	67	1,356	1,014	12,195
2018	13,877	4,374	603	18,854	(827)	132	2,410	1,715	20,569
PAYs (sub-total):	47,082	11,104	3,810	61,996	(2,395)	385	7,361	5,351	67,347
CAY (2019)	15,935	13,698	(386)	29,247	(1,153)	204	3,205	2,256	31,503
claims liabilities:	63,017	24,802	3,424	91,243	(3,548)	589	10,566	7,607	98,850
	Unearned Premium	Premium Deficiency / (DPAC)		Total Provision	discount	investment PfAD	development PfAD	Total apvs	TOTAL*
premium liabilities:	50,347	(4,296)		46,051	(1,052)	158	2,426	1,532	46,051
policy liabilities:				137,294	(4,600)	747	12,992	9,139	144,901

*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, 2019, broken down by component. By segment (i.e. private passenger vs non-private passenger) is available upon request.

page 7 of 10

Yukon

PPV & non-PPV ending 2019	Yukon - Projected Balances as at Dec. 31, 2019 (\$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	-	4	-	4	-	-	-	-	-	4
2000	-	-	-	-	-	-	-	-	-	-
2001	-	1	-	1	-	-	-	-	-	1
2002	-	-	-	-	-	-	-	-	-	-
2003	-	1	-	1	-	-	-	-	-	1
2004	-	-	-	-	-	-	-	-	-	-
2005	-	-	-	-	-	-	-	-	-	-
2006	-	-	-	-	-	-	-	-	-	-
2007	-	-	-	-	-	-	-	-	-	-
2008	-	-	-	-	-	-	-	-	-	-
2009	-	-	4	4	-	-	-	-	-	4
2010	72	1	5	78	(7)	1	6	-	-	78
2011	-	4	7	11	-	-	-	-	-	11
2012	-	7	10	17	-	-	2	2	2	19
2013	-	15	13	28	-	-	3	3	3	31
2014	-	34	(35)	(1)	-	-	8	8	8	7
2015	-	80	(36)	44	(2)	-	10	8	8	52
2016	(4)	201	7	204	(6)	1	28	23	23	227
2017	798	214	76	1,088	(41)	7	132	98	98	1,186
2018	621	243	50	914	(37)	5	111	79	79	993
PAYs (sub-total):	1,487	805	101	2,393	(93)	14	300	221	221	2,614
CAY (2019)	248	468	(13)	703	(26)	5	85	64	64	767
claims liabilities:	1,735	1,273	88	3,096	(119)	19	385	285	285	3,381
	Unearned Premium	Premium Deficiency / (DPAC)		Total Provision		discount	investment PfAD	development PfAD	Total apvs	TOTAL*
premium liabilities:	866	(75)		791	(16)	3	40	27	27	791
*Total may not be sum of parts, as apvs apply to future costs within UPR										
policy liabilities:				3,887	(135)	22	425	312	312	4,172

EXHIBIT H

Projected Year-end Policy Liabilities

The table below presents the projected policy liabilities as at December 31, 2019, broken down by component. By segment (i.e. private passenger vs non-private passenger) is available upon request.

page 8 of 10

Northwest Territories

PPV & non-PPV ending 2019	Northwest Territories - Projected Balances as at Dec. 31, 2019 (\$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	-	3	-	3	-	-	-	-	3
2000	-	(1)	-	(1)	-	-	-	-	(1)
2001	-	1	-	1	-	-	-	-	1
2002	-	1	-	1	-	-	-	-	1
2003	-	-	-	-	-	-	-	-	-
2004	-	(2)	-	(2)	-	-	-	-	(2)
2005	-	-	-	-	-	-	-	-	-
2006	-	(2)	-	(2)	-	-	-	-	(2)
2007	-	(3)	1	(2)	-	-	-	-	(2)
2008	-	3	-	3	-	-	-	-	3
2009	-	-	11	11	-	-	1	1	12
2010	-	-	15	15	-	-	1	1	16
2011	-	3	20	23	-	-	3	3	26
2012	-	9	26	35	-	-	4	4	39
2013	488	21	31	540	(21)	3	52	34	574
2014	-	45	33	78	(2)	-	9	7	85
2015	-	100	12	112	(4)	-	13	9	121
2016	24	323	30	377	(12)	2	45	35	412
2017	544	423	(25)	942	(39)	6	132	99	1,041
2018	261	552	15	828	(37)	6	112	81	909
PAYs (sub-total):	1,317	1,476	169	2,962	(115)	17	372	274	3,236
CAY (2019)	689	672	(70)	1,291	(55)	10	165	120	1,411
claims liabilities:	2,006	2,148	99	4,253	(170)	27	537	394	4,647
	Unearned Premium	Premium Deficiency / (DPAC)		Total Provision	discount	investment PfAD	development PfAD	Total apvs	TOTAL*
premium liabilities:	1,820	(178)		1,642	(31)	5	79	53	1,642
policy liabilities:				5,895	(201)	32	616	447	6,289

*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, 2019, broken down by component. By segment (i.e. private passenger vs non-private passenger) is available upon request.

page 9 of 10

Nunavut

PPV & non-PPV ending 2019	Nunavut - Projected Balances as at Dec. 31, 2019 (\$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	-	-	-	-	-	-	-	-	-
2000	-	-	-	-	-	-	-	-	-
2001	-	(1)	-	(1)	-	-	-	-	(1)
2002	-	(1)	-	(1)	-	-	-	-	(1)
2003	-	-	-	-	-	-	-	-	-
2004	-	-	-	-	-	-	-	-	-
2005	-	-	-	-	-	-	-	-	-
2006	-	-	-	-	-	-	-	-	-
2007	-	-	-	-	-	-	-	-	-
2008	-	1	-	1	-	-	-	-	1
2009	-	-	3	3	-	-	-	-	3
2010	-	-	5	5	-	-	-	-	5
2011	-	-	7	7	-	-	-	-	7
2012	152	1	9	162	(3)	-	16	13	175
2013	-	13	10	23	-	-	2	2	25
2014	188	12	(13)	187	(2)	-	21	19	206
2015	78	30	10	118	(3)	-	13	10	128
2016	6	110	9	125	(4)	-	15	11	136
2017	8	186	7	201	(7)	1	23	17	218
2018	48	245	4	297	(12)	2	39	29	326
PAYs (sub-total):	480	596	51	1,127	(31)	3	129	101	1,228
CAY (2019)	70	230	(24)	276	(13)	2	37	26	302
claims liabilities:	550	826	27	1,403	(44)	5	166	127	1,530
	Unearned Premium	Premium Deficiency / (DPAC)		Total Provision	discount	investment PfAD	development PfAD	Total apvs	TOTAL*
premium liabilities:	504	(44)		460	(9)	1	18	10	460
*Total may not be sum of parts, as apvs apply to future costs within UPR									
policy liabilities:				1,863	(53)	6	184	137	1,990

EXHIBIT H

Projected Year-end Policy Liabilities

The table below presents the projected policy liabilities as at December 31, 2019, broken down by component. By segment (i.e. private passenger vs non-private passenger) is available upon request.

page 10 of 10

All Jurisdictions

PPV & non-PPV ending 2019	ALL JURISDICTIONS - Projected Balances as at Dec. 31, 2019 (\$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	3,436	66	(6)	3,496	(59)	10	374	325	3,821	
2000	(3)	(3)	-	(6)	-	-	2	2	(4)	
2001	1	21	31	53	-	-	8	8	61	
2002	399	-	146	545	(26)	4	57	35	580	
2003	1,655	(230)	769	2,194	(114)	17	215	118	2,312	
2004	577	59	677	1,313	(84)	12	135	63	1,376	
2005	175	(22)	512	665	(35)	6	70	41	706	
2006	371	106	399	876	(60)	10	96	46	922	
2007	1,961	316	681	2,958	(209)	33	278	102	3,060	
2008	909	337	1,065	2,311	(188)	29	215	56	2,367	
2009	2,476	294	1,041	3,811	(310)	49	352	91	3,902	
2010	1,996	532	1,165	3,693	(227)	34	349	156	3,849	
2011	5,032	294	1,527	6,853	(456)	72	642	258	7,111	
2012	5,986	281	1,951	8,218	(444)	69	782	407	8,625	
2013	15,859	564	2,323	18,746	(771)	121	1,797	1,147	19,893	
2014	13,478	816	2,445	16,739	(560)	88	1,757	1,285	18,024	
2015	22,718	2,673	2,525	27,916	(843)	131	2,958	2,246	30,162	
2016	27,413	6,389	2,595	36,397	(1,144)	176	4,532	3,564	39,961	
2017	26,053	13,606	2,211	41,870	(1,464)	246	5,160	3,942	45,812	
2018	41,433	22,241	3,794	67,468	(2,680)	441	8,815	6,576	74,044	
PAYs (sub-total):	171,925	48,340	25,851	246,116	(9,674)	1,548	28,594	20,468	266,584	
CAY (2019)	54,024	57,179	2,886	114,089	(4,714)	793	14,393	10,472	124,561	
claims liabilities:	225,949	105,519	28,737	360,205	(14,388)	2,341	42,987	30,940	391,145	
	Unearned Premium	Premium Deficiency / (DPAC)		Total Provision	discount	investment PfAD	development PfAD	Total apvs	TOTAL*	
premium liabilities:	149,697	(11,941)		137,756	(3,288)	506	8,071	5,289	137,978	
					*Total may not be sum of parts, as apvs apply to future costs within UPR					
policy liabilities:				497,961	(17,676)	2,847	51,058	36,229	529,123	

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