



FACILITY ASSOCIATION RESIDUAL MARKET

AUGUST 2019 PARTICIPATION REPORT

ACTUARIAL HIGHLIGHTS

Related Bulletin: [F19-077 FARM August 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****AUGUST 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.....	4
1.2.b	Valuation Implementation	5
1.3	Appointed Actuary and Hybrid Actuarial Services Model.....	9
1.4	Consideration of Recent Legal Decisions and Changes in Legislation / Regulation	9
1.5	Harmonized Sales Tax - Atlantic Provinces	10
1.6	Harmonized Sales Tax Class Action – Ontario	11
1.7	Current Provision Summary	11
2	Activity During the Month of August 2019	13
2.1	Recorded Premium and Claims Activity	13
2.1.a	Actual vs. Projected (AvsP): Earned Premium.....	14
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.....	21
4	Calendar Year-to-Date Results.....	22
5	Current Participation Report – Additional Exhibits.....	22
6	EXHIBITS	23

1 Summary

Key points related to this month's Highlights:

- (a) Liam McFarlane has resigned as the Facility Association's Appointed Actuary; Mr. Cosimo Pantaleo of Ernst & Young LLP has assumed the Appointed Actuary's role (effective as of October 24, 2019), pending formal appointment by the Facility Association Board (expected at its December 12, 2019 meeting);
- (b) The **June 30, 2019 FARM valuation** was completed and implemented into this month's results, generating a **\$7.5 million favourable** impact (1.4% of policy liabilities; 3.8 points of ytd COR, 2.5 points of projected full year 2019 COR) – we view this as a low impact;
- (c) The **2019 full year projected net operating surplus** after the valuation implementation is **\$20.0 million**, with a **COR of 93.9%** on earned premium of \$309 million (our Outlook for 2019 was \$20.5 million of net operating surplus with a COR of 91.7% on earned premium of \$239 million); and
- (d) We have expanded Exhibit H (projected year-end policy liabilities) to show Private Passenger and Non-Private Passenger, in addition to the Total of the two (the previous exhibit was on a Total basis only).

1.1 Valuation Schedule (Fiscal Year 2019)

The August 2019 Participation Report incorporates the results of an updated valuation (as at June 30, 2019) – the impact of the implementation of the valuation is discussed in section 1.2. The table below (continuing on the next page) 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).

FARM FISCAL YEAR 2019 – SCHEDULE OF VALUATIONS			
Valuation Date	Discount Rate (per annum)	Participation Report	Description of Changes
Jun. 30, 2019 (completed)	1.44% mfad: 25 bp	Aug. 2019	update valuation: all jurisdictions; allowed claims expense ultimates updated; cash flow projections updated; discount rate updated; margins for adverse claims development updated (no change to mfad for interest rate).
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 June 30, 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 June 30, 2019, which is expected to be posted to the FA website in November 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 **\$7.5 million favourable impact** on the month’s net result from operations, subtracting an estimated 3.8 points (column [6] of table on right) from the **year-to-date Combined Operating Ratio** to end at **97.2%**.

Summary of Impact of Implementing Result of Valuation as at June 30, 2019¹

Grand Total	unfav / (fav)						ytd EP 199,676 (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	(6,592)	(635)	(7,227)	315	(1,160)	(8,072)	(3.3%)	(0.3%)	(3.6%)	0.2%	(0.6%)	(4.0%)
CAY	460	(39)	421	97	-	518	0.2%	-	0.2%	-	-	0.3%
Prem Def	185	(168)	17	7	-	24	0.1%	(0.1%)	-	-	-	-
TOTAL	(5,947)	(842)	(6,789)	419	(1,160)	(7,530)	(3.0%)	(0.4%)	(3.4%)	0.2%	(0.6%)	(3.8%)

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 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 below (**for nominal indemnity only**). This shows an overall **favourable prior accident year** change of **\$4.4 million** (1.6% of the associated unpaid claims liabilities selected at March 31, 2019). In addition, changes in the selected accident year **2019 nominal indemnity ratios** are projected to have an aggregate **unfavourable change** of **\$0.7 million at June 30, 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).

June 30, 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	84,493	(3,918)	(4.6%)	43.5%	(3.1%)	(3,542)	48.3%	(0.6%)	(726)
PPV	31,838	(1,372)	(4.3%)	53.1%	1.9%	477	54.5%	2.5%	709
Non-PPV	52,655	(2,546)	(4.8%)	40.7%	(4.6%)	(4,019)	46.5%	(1.5%)	(1,435)
Alberta	74,950	3,320	4.4%	55.7%	4.5%	4,368	54.8%	2.5%	2,513
PPV	10,815	(1,284)	(11.9%)	51.9%	1.9%	161	48.4%	(2.1%)	(181)
Non-PPV	64,135	4,604	7.2%	56.1%	4.8%	4,207	55.4%	2.9%	2,694
Newfoundland & Labrador	45,536	1,547	3.4%	67.2%	0.4%	119	64.1%	(0.8%)	(256)
PPV	31,967	2,407	7.5%	67.6%	(0.6%)	(131)	64.5%	(1.5%)	(340)
Non-PPV	13,569	(860)	(6.3%)	66.0%	3.0%	249	63.0%	1.0%	84
New Brunswick	33,710	(1,814)	(5.4%)	65.1%	0.2%	56	58.0%	(1.0%)	(260)
PPV	21,841	(1,952)	(8.9%)	66.2%	(0.7%)	(97)	62.0%	(2.5%)	(364)
Non-PPV	11,869	138	1.2%	63.8%	1.4%	153	52.9%	0.9%	103
Nova Scotia	25,429	(1,970)	(7.7%)	66.2%	(1.7%)	(461)	63.9%	(1.6%)	(500)
PPV	10,383	(986)	(9.5%)	71.0%	(2.0%)	(290)	66.0%	(1.6%)	(291)
Non-PPV	15,046	(984)	(6.5%)	60.9%	(1.3%)	(171)	61.0%	(1.5%)	(209)
Prince Edward Island	9,907	(744)	(7.5%)	58.9%	0.5%	25	53.6%	1.3%	61
PPV	4,973	(461)	(9.3%)	45.8%	0.4%	10	46.5%	1.5%	38
Non-PPV	4,934	(283)	(5.7%)	73.5%	0.7%	15	61.5%	1.0%	23
Yukon Territory	2,803	(168)	(6.0%)	50.9%	1.0%	18	53.9%	2.8%	51
PPV	1,691	(166)	(9.8%)	63.2%	(0.5%)	(2)	64.6%	(0.5%)	(2)
Non-PPV	1,112	(2)	(0.2%)	48.2%	1.3%	20	51.5%	3.5%	53
Northwest Territories	3,255	(421)	(12.9%)	48.3%	2.7%	112	40.1%	(4.2%)	(181)
PPV	1,901	(257)	(13.5%)	50.4%	0.4%	11	45.5%	(3.5%)	(92)
Non-PPV	1,354	(164)	(12.1%)	44.7%	6.6%	102	31.6%	(5.4%)	(90)
Nunavut	1,153	(235)	(20.4%)	34.6%	(1.9%)	(18)	31.6%	(4.1%)	(39)
PPV	307	(31)	(10.1%)	26.7%	(1.0%)	(2)	26.9%	(2.0%)	(3)
Non-PPV	846	(204)	(24.1%)	36.2%	(2.1%)	(17)	32.5%	(4.5%)	(36)
Total	281,236	(4,403)	(1.6%)	53.9%	0.2%	677	54.1%	0.2%	662

In the above table, the columns [1] through [3] highlight the changes in prior accident years' results.

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.

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 four main actuarial methodologies – the expected loss ratio method, the loss development method², the Bornhuetter-Ferguson method, and the weighted 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 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 at the top of the next page (**total impact is favourable by \$7.5 million**, or 1.4% of the \$535.5 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]). In addition, provisions for the allowed claims expenses were reviewed per usual practice for the June 30 valuation and updates were made resulting in \$1.8 million in favourable changes (see column [3]). 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**), and **changes to the claims development margins** at the jurisdiction / business segment / coverage / accident half-year level (as is the usual process for a June 30 valuation). The total changes in actuarial present value adjustments with the valuation implementation are shown in column [5].

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”.

Implementation Summary Table A (\$000s)

Implementation Impact - relative to projection for month of August 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)	(4,144)	(647)	(1,801)	(6,592)	(1,480)	(8,072)
current accident year claims incurred	648	(216)	28	460	58	518
premium deficiency / (DPAC)	185			185	(161)	24
TOTAL	(3,311)	(863)	(1,773)	(5,947)	(1,583)	(7,530)

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 updated with this valuation as previously indicated.

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” at the top of the next page 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 August 2019

Jurisdiction / Business Segment	Total				TOTAL
	updated LR, retros, exp [17]	APVs @ 2019 Q1 dsct rate [18]	updated dsct rate [19]	updated margins [20]	
Ontario	(7,794)	(971)	150	(709)	(9,324)
PPV	(1,730)	(214)	72	(162)	(2,034)
Non-PPV	(6,064)	(757)	78	(547)	(7,290)
Alberta	6,772	663	106	(299)	7,242
PPV	(1,152)	(55)	14	(43)	(1,236)
Non-PPV	7,924	718	92	(256)	8,478
Newfoundland & Labrador	1,806	242	45	-	2,093
PPV	2,447	325	34	-	2,806
Non-PPV	(641)	(83)	11	-	(713)
New Brunswick	(2,118)	(226)	49	(80)	(2,375)
PPV	(2,223)	(237)	26	(63)	(2,497)
Non-PPV	105	11	23	(17)	122
Nova Scotia	(2,925)	(424)	45	(34)	(3,338)
PPV	(1,537)	(283)	24	(12)	(1,808)
Non-PPV	(1,388)	(141)	21	(22)	(1,530)
Prince Edward Island	(897)	(50)	13	(26)	(960)
PPV	(564)	(41)	6	(16)	(615)
Non-PPV	(333)	(9)	7	(10)	(345)
Yukon Territory	(113)	(13)	7	(4)	(123)
PPV	(144)	(11)	2	(3)	(156)
Non-PPV	31	(2)	5	(1)	33
Northwest Territories	(415)	(33)	3	(6)	(451)
PPV	(301)	(27)	2	(4)	(330)
Non-PPV	(114)	(6)	1	(2)	(121)
Nunavut	(263)	(30)	1	(2)	(294)
PPV	(41)	(5)	-	(1)	(47)
Non-PPV	(222)	(25)	1	(1)	(247)
Total	(5,947)	(842)	419	(1,160)	(7,530)

The impact of the valuation on a **nominal basis** (that is, prior to actuarial present value adjustments), is presented in Table A column [4] and Table B column [17], indicating a **total favourable** impact of **\$5.9 million**.

With respect to the **actuarial present value adjustments prior to updating the discount rate and margins**, projected indemnity payment cash flows were updated for all jurisdictions and business segments, using claim payment activity as at June 30, 2019 and ultimate selections from the latest applicable valuations – these changes contributed an estimated **favourable impact of \$0.8 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 4 basis points** from 1.48% to **1.44%**, resulting in an estimated **unfavourable impact of \$0.4 million** (see Table B, column [19]). The \$0.4 million **claims liability** indemnity only impact (not shown in the previous tables) associated with the discount rate change is in line with the

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.

\$0.4 million change one would estimate through interpolation using last month's sensitivity table (see section 6, Exhibit "F" for examples of sensitivity to discount rate selection).

Finally, while the **selected margin for investment return** was **left unchanged** at 25 basis points, the **margins selected for claims development** at the coverage / accident half-year level **were updated** with this valuation (as per usual for a June 30 valuation), generating a **\$1.2 million favourable impact** (see Table B, column [20]).

"Implementation Summary Table C" 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:					
	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	(6,592)	(635)	(7,227)	315	(1,160)	(8,072)	(3.3%)	(0.3%)	(3.6%)	0.2%	(0.6%)	(4.0%)
CAY	460	(39)	421	97	-	518	0.2%	-	0.2%	-	-	0.3%
Prem Def	185	(168)	17	7	-	24	0.1%	(0.1%)	-	-	-	-
TOTAL	(5,947)	(842)	(6,789)	419	(1,160)	(7,530)	(3.0%)	(0.4%)	(3.4%)	0.2%	(0.6%)	(3.8%)

An updated projection to year-end with the new valuation assumptions is presented in "Implementation Summary Table D" below, 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)

\$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 August	Year-end 2019
Ontario	83,379	9,719	88.6%	113,938	25,753	77.8%	9,324	10,740
Alberta	71,083	11,405	84.2%	99,133	(1,684)	102.0%	(7,242)	(8,403)
Newfoundland & Labrador	28,625	(1,408)	105.2%	30,648	(5,147)	117.1%	(2,093)	(2,009)
New Brunswick	22,596	1,035	95.5%	25,369	1,432	94.7%	2,375	2,345
Nova Scotia	21,915	(1,986)	109.2%	27,887	(1,436)	105.4%	3,338	3,566
Prince Edward Island	4,484	322	93.0%	4,958	(826)	117.1%	960	970
Yukon	1,869	257	86.7%	1,861	(64)	103.7%	123	121
Northwest Territories	4,546	915	80.1%	4,159	1,588	62.2%	451	397
Nunavut	913	269	71.0%	970	391	60.1%	294	298
TOTAL	239,409	20,528	91.7%	308,923	20,008	93.9%	7,530	8,024

In total, the operating result projection to year-end has decreased by \$0.5 million from the Outlook posted November 30, 2018 (to \$20.0 million as shown in the table above). This amount is \$8.0 million higher than it would have been, if not for the implementation of the June 30, 2019 valuation. (The changes before the impact of the June 30, 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, 2018 Q4, and 2019 Q1) 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 \$4.0 million (using the current interest rate sensitivity table). That is, the projected Operating Result would have been approximately \$24.0 million (COR of 92.2%) 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 was Facility Association's Appointed Actuary (effective as of June 1, 2013). Mr. McFarlane has resigned his Appointment to take on a role at a different organization. Mr. Cosimo Pantaleo of Ernst & Young LLP has assumed the Appointed Actuary's role (effective as of October 24, 2019), pending formal appointment by the Facility Association Board (expected at its December 12, 2019 meeting).

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 references to the current valuation as the most recent.

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 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

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>.

250/15 and 251/15 implementing reforms set out in Bill 91. With the **most recent** valuation (June 30, 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 (June 30, 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 (June 30, 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 references to the current valuation as the most recent.

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 (June 30, 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 (June 30, 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 (June 30, 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

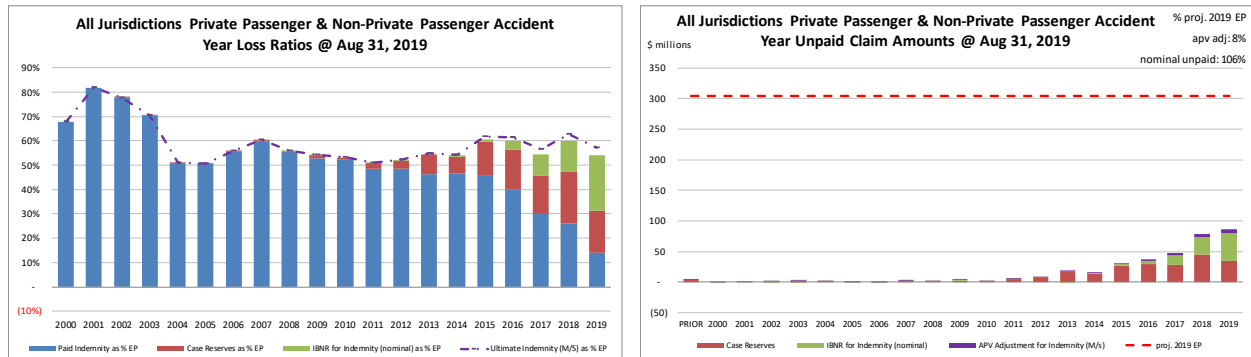
The charts at the top of the next page show the current levels of **indemnity only**⁷ claims amounts booked by accident year⁸. The left chart displays life-to-date indemnity payments, case reserves,

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”.

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 (\$24.3 million – see table below) 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 immediately below, the associated \$4.8 million of actuarial present value adjustments would be released into future net operating results.

claim liabilities (\$000s)	amt	%
case	224,048	64.4%
ibnr	99,478	28.6%
M/S apv adj	24,268	7.0%
M/S indemnity	347,794	100.0%
retro claims	28,149	
retro apv adj	4,806	
M/S total	380,749	

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 **Error! Bookmark not defined.**) and the actuarial present value adjustment associated with this latter provision is presented in the "retro apv adj" row.

The tables 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	169,724	108.1%
prem def/(dpac)	(12,984)	(8.3%)
M/S apv adjust.	281	0.2%
M/S total	157,021	100.0%

policy liabilities (\$000s)	amt	%
claim	351,675	65.4%
premium	156,740	29.1%
M/S apv adjust.	29,355	5.5%
M/S total	537,770	100.0%

policy liabilities (\$000s)	
M/S total by juris (rounded at juris level)	
Ontario	188,238
Alberta	152,360
Newfoundland & Labrador	73,395
New Brunswick	52,288
Nova Scotia	48,563
Prince Edward Island	11,658
Yukon	4,214
Northwest Territories	5,451
Nunavut	1,603
All Jurisdictions	537,770

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

Ontario has the largest share of any single jurisdiction (accounting for approximately 35% of the total policy liabilities). Collectively, the Atlantic provinces are second largest, accounting for approximately 35% (186 million).

2 Activity During the Month of August 2019⁹

2.1 Recorded Premium and Claims Activity

The tables below and at the top of 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.

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

Table 01a Jurisdiction	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	11,137	1,060	2,537	77	2,869	2,480	5,407	2,557
AB	9,421	877	2,660	(800)	1,001	421	3,661	(379)
NL	2,767	195	1,481	(244)	77	(168)	1,558	(413)
NB	2,334	216	1,428	400	(644)	(793)	784	(393)
NS	2,617	212	953	214	163	(335)	1,116	(121)
PE	486	81	1,313	1,153	(1,130)	(1,210)	183	(56)
YT	173	20	24	(31)	79	70	102	39
NT	335	(11)	20	(90)	(10)	(27)	11	(117)
NU	81	4	3	(14)	(17)	(24)	(14)	(37)
TOTAL	29,352	2,655	10,418	665	2,388	414	12,806	1,079

(Recorded transaction amounts exclude IBNR & other actuarial provisions)

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 Accident Year Group

Table 01b Accident Year	Earned Premium		Paid Indemnity		Case increase / (decrease)		Recorded Indemnity increase / (decrease)	
	Actual	Actual less Projected	Actual	Actual less Projected	Actual	Actual less Projected	Actual	Actual less Projected
Prior	-	-	3,223	663	(824)	1,173	2,399	1,836
2017	(0)	(0)	395	(895)	(184)	292	211	(603)
2018	(63)	(63)	1,339	(298)	(384)	(76)	955	(374)
2019	29,415	2,718	5,461	1,195	3,780	(975)	9,241	220
TOTAL	29,352	2,655	10,418	665	2,388	414	12,806	1,079

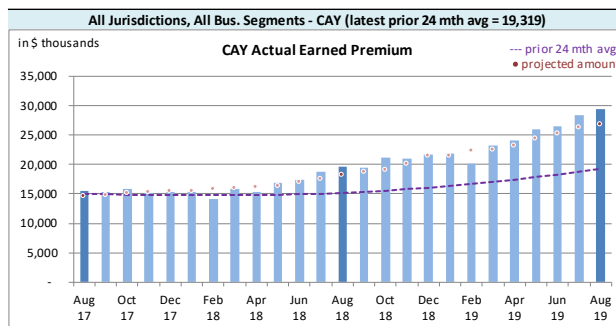
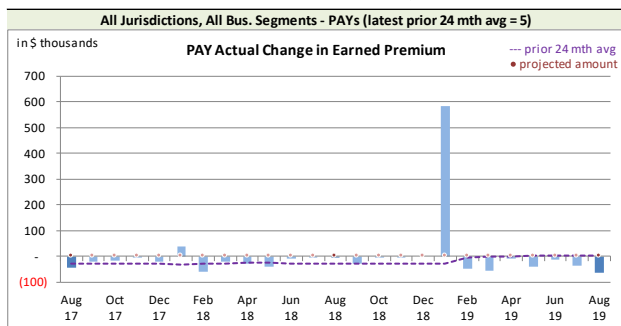
(Recorded transaction amounts exclude IBNR & other actuarial provisions)

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 below 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.

FARM Actual Earned Premium by Calendar Month

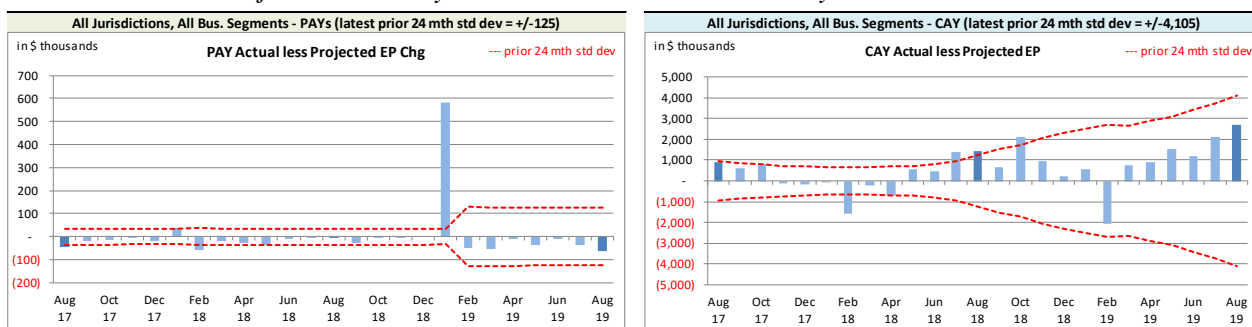


Earned premium changes during a given calendar month in relation to prior accident years tend to be at modest levels (the January 2019 prior accident years (PAYs) change was unusually high due to late recorded new business commercial (CV) and interurban (IU) policies). Current accident year (CAY) earned 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. Year-to-date to August 2019, written premium for these two classes (CV and IU) are up \$51.0 million or 72.4% from the same period in 2018, and at \$121.5 million, the 2019 year-to-date written premium for those 2 classes is 3.4 times the amount written during the same period in 2017 (\$35.8 million).

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.

The associated variance between the actual changes and the projections from the previous month are shown in the charts 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)	5	19,319	
std dev	125	4,105	
A-P <> std dev	5	5	
% <> std dev	20.0%	20.0%	
norm <> std dev	31.7%	31.7%	

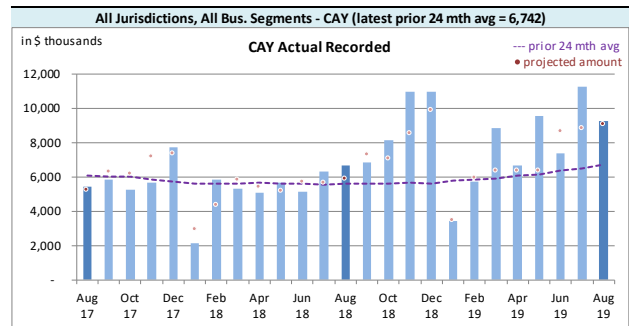
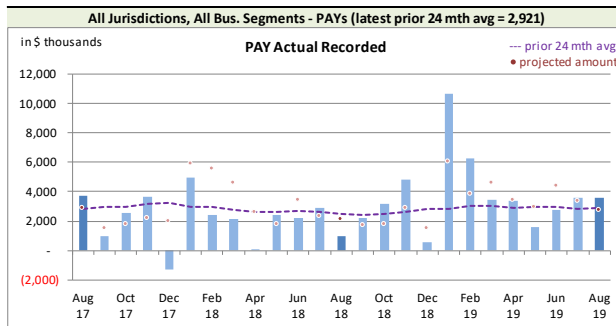
Our admittedly simple approach to projecting **earned premium** changes from projected written premium levels (and uploading all projections as current accident year (CAY)) does indicate bias¹¹ on a running 25-month basis (ignoring the prior accident years' (PAYs) variances, which tend to be small relative to monthly premium overall), as

18 of the latest 25 have been higher than projected. We are in the process of considering modifications to our written premium projection process with a goal of narrowing monthly variances and addressing the bias issue. However, we are challenged by not only the unusual volumes, but also by concerns of processing delays at the Servicing Carriers as they try to accommodate the rapid growth, particularly in fleet policies (ytd fleet premium at \$53 million is more than double 2018 and five times 2017).

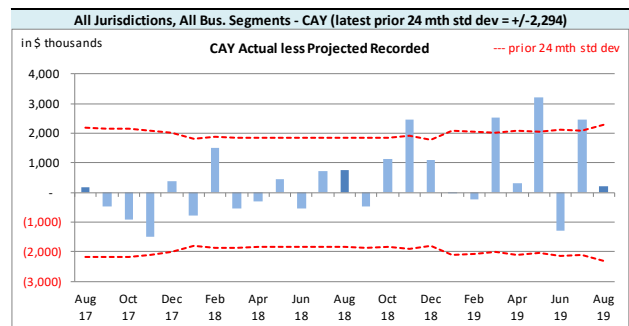
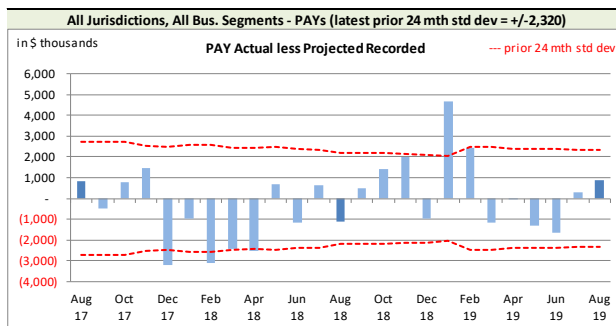
2.1.b AvsP: Recorded Indemnity

The charts at the top of the next page 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.

¹¹For the binomial distribution with 25 trials and an assumed 50% success probability, the 95% confidence range is 8 to 17 “successes”. That is, favourable or unfavourable counts of 0 to 7 or 18 to 25 out of 25 outcomes would suggest bias.

FARM Actual Recorded Indemnity by Calendar Month


Recorded indemnity activity variances from the previous month's projections are shown in the charts 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)		2,921	6,742
std dev		2,320	2,294
A-P <> std dev		4	4
% <> std dev		16.0%	16.0%
norm <> std dev		31.7%	31.7%

With respect to **recorded indemnity**, 16% 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

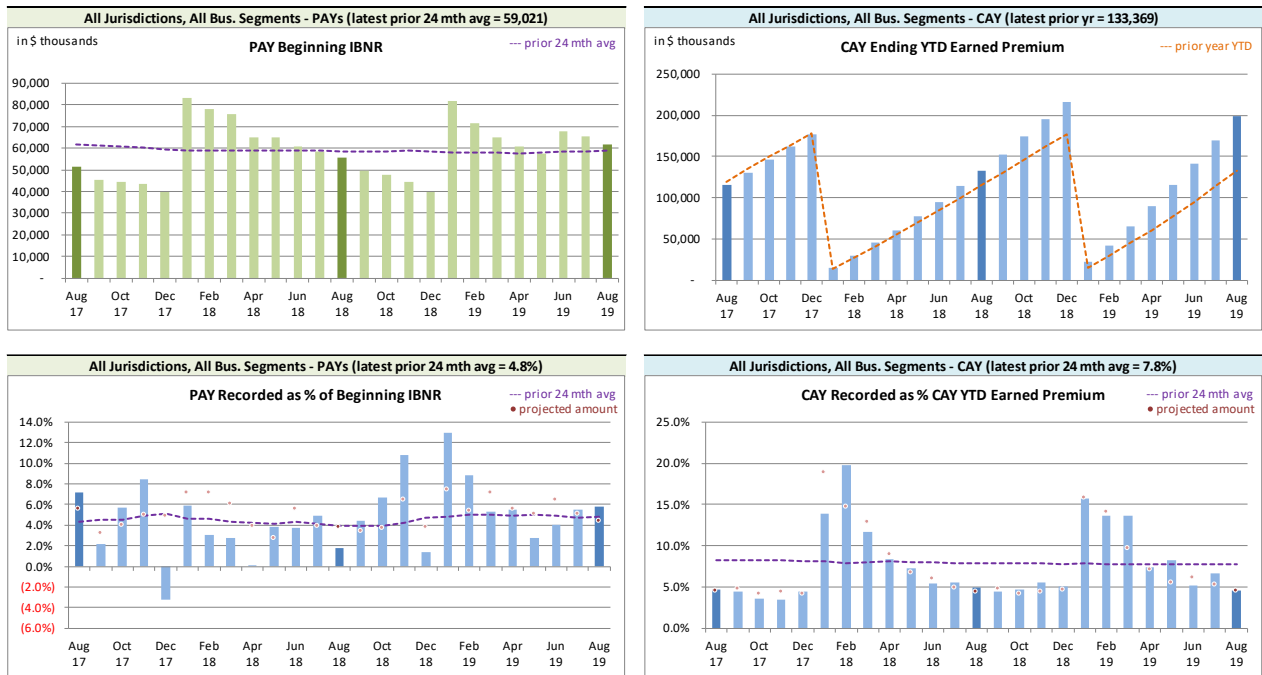
(assuming a normal distribution). Bias has not been indicated at a 95% confidence level on a running 25-month basis (12 of 25 variances were positive).

The current accident year (CAY) **recorded indemnity** variances fell outside of one standard deviation 16% of the time over the last 25 calendar months (see table above), suggesting 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 running 25-month basis (14 of 25 variances were positive).

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

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

FARM Levels that influence¹² Recorded Indemnity by Calendar Month



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

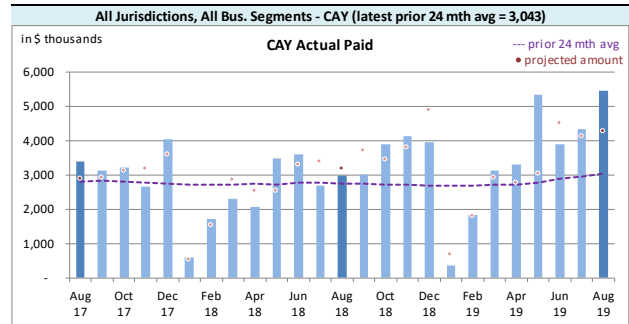
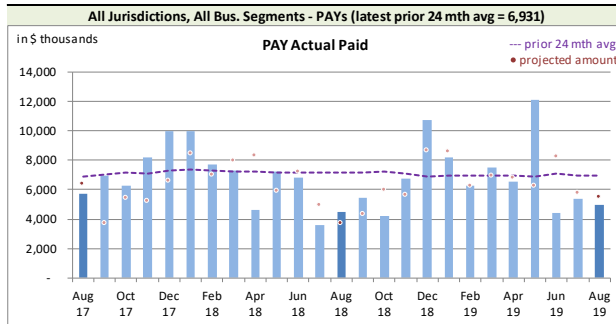
- to offset actual **recorded indemnity** activity (through loss ratio matching);
- the annual switchover as a CAY becomes a PAY (occurs in January); and
- when a new valuation is implemented, where the valuation resulted in changes to the selection of prior accident years' ultimate (will show up as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

2.1.c AvsP: Paid Indemnity

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

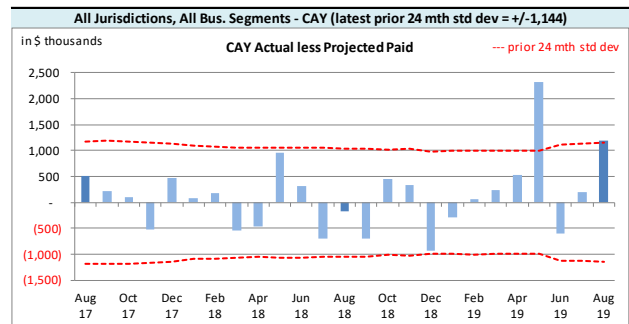
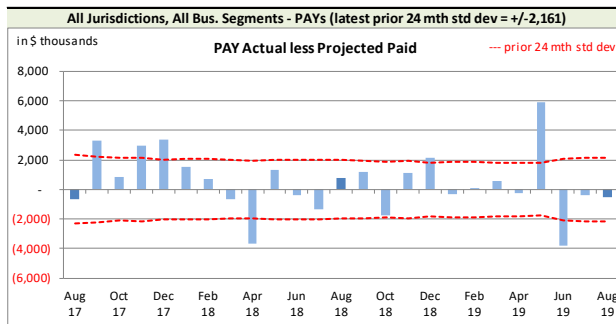
¹²Our recorded indemnity projections for the prior accident years are based on selected ratios of recorded indemnity to beginning unpaid balances, whereas the current accident year projections are based on selected ratios of year-to-date IBNR to year-to-date selected ultimate indemnity (i.e. selected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

FARM Actual Paid Indemnity by Calendar Month



The charts 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)		6,931	3,043
std dev		2,161	1,144
A-P <> std dev		7	2
% <> std dev		28.0%	8.0%
norm <> std dev		31.7%	31.7%

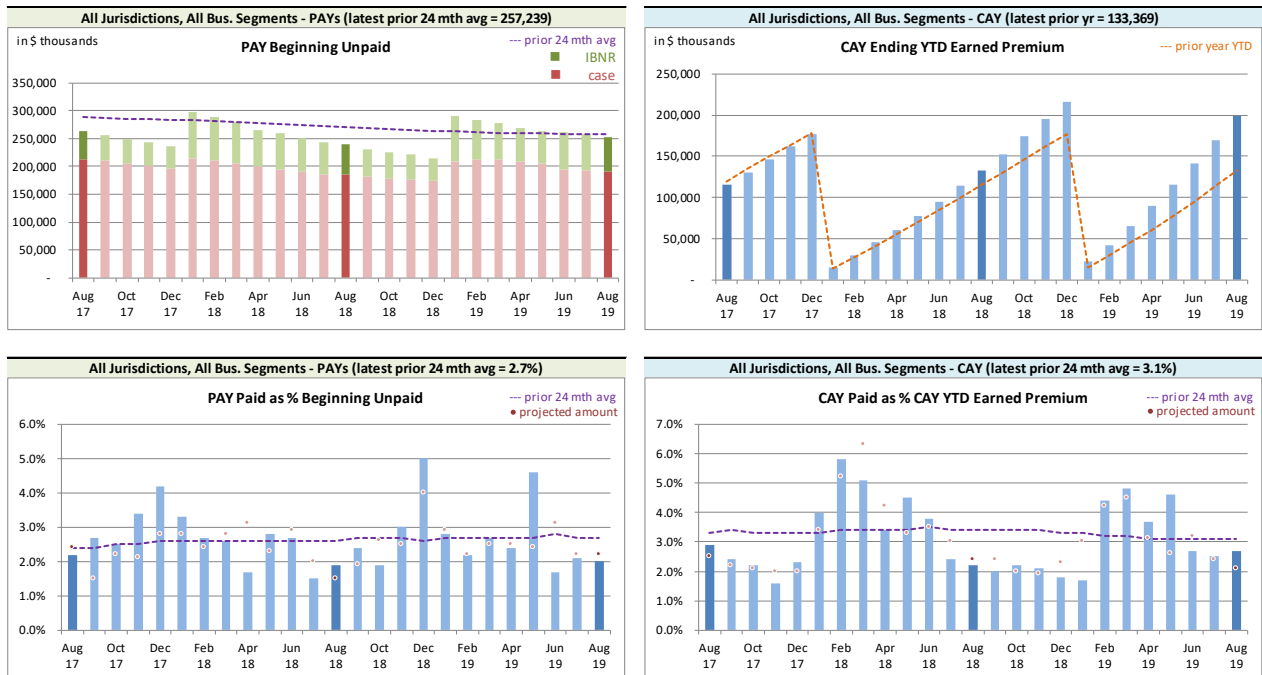
With respect to **paid indemnity**, 28% of the prior accident years’ (PAYs) variances over the last 25 calendar months have fallen outside of one standard deviation of the actual **paid indemnity** amounts (see table on left), suggesting the projection process has performed no better than simply projecting the prior 24-month average

amount (assuming it follows a normal distribution). Bias has not been indicated at a 95% confidence level on a running 25-month basis (14 of 25 variances are positive).

The current accident year (CAY) **paid indemnity** variances fell outside of one standard deviation 8% of the time over the last 25 calendar months (see table above), 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 running 25-month basis (16 of 25 variances are positive).

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

FARM Levels that influence¹³ Paid Indemnity by Calendar Month



We track the PAY beginning unpaid balance (case and IBNR) as **paid indemnity** activity comes out of the unpaid balance. Changes in the PAY 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 CAY becomes a PAY (occurs in January); and
- when a new valuation is implemented, where the valuation resulted in changes to the selection of prior accident years' ultimate (will show up as a beginning unpaid balance change one month after the valuation is implemented, i.e. the change will generally show in April, June, September, and November).

2.2 Actuarial Provisions

An "ultimate loss ratio matching method" (described in section 3) is used to determine the month's 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

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.

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

valuation (June 30, 2019 for all jurisdictions). The table 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	13,863	(1,831)	(5,136)	61	14,122	(33)	22,849 (1,803)
2017	18,457	605	(1,591)	(33)	5,523	113	22,389 685
2018	25,626	335	(2,826)	(13)	8,948	45	31,748 367
2019	45,028	1,229	(3,275)	(8)	9,598	31	51,351 1,252
TOTAL	102,974	338	(12,828)	7	38,191	156	128,337 501

The IBNR provision is \$0.3 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 table at the top of the next page 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 the valuation implementation.

FARM Actual vs. Projected Summary: “Retro Claims Provision”¹⁵ and APV Amounts (\$ thousands)

Table 02b			actuarial present value adjustments					
	Retro Claims Provision		Discount Amount		Provisions for Adverse Deviations		Retro + actuarial present value adjustments	
Accident Year	Actual	Actual less Projected	Actual	Actual less Projected	Actual	Actual less Projected	Actual	Actual less Projected
Prior	21,927	(35)	(1,027)	(3)	3,164	(16)	24,064	(54)
2017	2,597	63	(105)	(3)	795	7	3,287	67
2018	4,353	82	(166)	(3)	1,372	-	5,559	79
2019	1,908	42	(172)	(3)	1,272	29	3,008	68
TOTAL	30,785	152	(1,470)	(12)	6,603	20	35,918	160

The table 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 the impact of 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:		(13,169)	(412)	442	1	(12,727)	(411)
balance as % unearned premium:		(7.8%)	-	0.3%	-	(7.5%)	-
actual unearned premium:		169,724					
less projected:		5,947					

3 Ultimate Loss Ratio Matching Method

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

- (a) Earned premium to date
- (b) Ultimate 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

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.

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

determined in a similar way, incorporating the two-month projections of earned premiums and recorded indemnity. Prior to actuarial present value adjustments, any expected emergence of recorded claims amounts pertaining to prior accident years¹⁷ 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 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	5,757	2.9%	3,037	1.5%	8,794	4.4%	(8,521)	(5.8%)
CAY	131,725	66.0%	7,481	3.7%	139,206	69.7%	20,830	0.2%
TOTAL	137,482	68.9%	10,518	5.3%	148,000	74.1%	12,309	(5.6%)

(“% 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.

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

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

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
 - H-1 Private Passenger
 - H-2 Non-Private Passenger
 - H-3 Total (Private Passenger & Non-Private Passenger)

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: 1.44%	
				interest rate margin: 25 basis pts	
Sum of Amount	ShareYMM	Prior Month	Current Month	1st Projected	2nd Projected
Business Segment	Acc Year	201907	201908	201909	201910
Private Passenger	prior	(5,000)	(3,000)	(3,000)	(3,000)
	2010	26,000	(6,000)	(6,000)	(6,000)
	2011	(5,000)	(4,000)	(4,000)	(4,000)
	2012	82,000	137,000	137,000	133,000
	2013	64,000	66,000	66,000	64,000
	2014	106,000	37,000	38,000	35,000
	2015	(82,000)	264,000	261,000	259,000
	2016	35,000	358,000	350,000	339,000
	2017	1,165,000	1,114,000	1,029,000	918,000
	2018	493,000	2,272,000	2,094,000	1,868,000
	2019	564,000	754,000	923,000	1,135,000
Private Passenger Total		2,443,000	4,989,000	4,885,000	4,738,000
Non Private Passenger	prior	6,000	6,000	6,000	6,000
	2010	2,000	2,000	2,000	2,000
	2011	4,000	(1,000)	(1,000)	(1,000)
	2012	24,000	4,000	4,000	4,000
	2013	245,000	29,000	29,000	29,000
	2014	(11,000)	(5,000)	(6,000)	(6,000)
	2015	411,000	106,000	103,000	103,000
	2016	313,000	220,000	216,000	210,000
	2017	668,000	554,000	543,000	535,000
	2018	1,076,000	900,000	860,000	795,000
	2019	1,086,000	1,656,000	1,768,000	1,861,000
Non Private Passenger Total		3,824,000	3,471,000	3,524,000	3,538,000
Grand Total		6,267,000	8,460,000	8,409,000	8,276,000

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: 1.44%			
AccountCode Desc	IBNR Provision	interest rate margin: 25 basis pts			
AccountCode	(All)				
AccidentYear	(All)				
		Prior Month	Current Month	1st Projected	2nd Projected
Sum of Amount	ShareYMM				
Business Segment	Acc Year	201907	201908	201909	201910
Private Passenger	prior	41,000	15,000	16,000	16,000
	2010	55,000	42,000	39,000	38,000
	2011	145,000	95,000	85,000	83,000
	2012	138,000	105,000	96,000	92,000
	2013	253,000	159,000	146,000	143,000
	2014	545,000	167,000	152,000	147,000
	2015	296,000	508,000	500,000	474,000
	2016	995,000	516,000	509,000	490,000
	2017	3,145,000	2,481,000	2,453,000	2,382,000
	2018	4,098,000	3,525,000	3,456,000	3,416,000
	2019	2,849,000	3,338,000	3,755,000	4,176,000
Private Passenger Total		12,560,000	10,951,000	11,207,000	11,457,000
Non Private Passenger	prior	22,000	-	-	(2,000)
	2010	18,000	19,000	19,000	19,000
	2011	171,000	(57,000)	(54,000)	(51,000)
	2012	73,000	75,000	73,000	69,000
	2013	167,000	507,000	492,000	466,000
	2014	258,000	249,000	240,000	225,000
	2015	73,000	207,000	202,000	188,000
	2016	511,000	402,000	386,000	362,000
	2017	838,000	579,000	543,000	535,000
	2018	789,000	926,000	889,000	866,000
	2019	1,169,000	1,514,000	1,809,000	2,132,000
Non Private Passenger Total		4,089,000	4,421,000	4,599,000	4,809,000
Grand Total		16,649,000	15,372,000	15,806,000	16,266,000

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: 1.44%			
AccountCode Desc	IBNR Provision	interest rate margin: 25 basis pts			
AccountCode	(All)				
AccidentYear	(All)				
		Prior Month	Current Month	1st Projected	2nd Projected
Sum of Amount	ShareYMM				
Business Segment	Acc Year	201907	201908	201909	201910
Private Passenger	prior	99,000	126,000	124,000	117,000
	2010	9,000	9,000	10,000	9,000
	2011	6,000	6,000	6,000	6,000
	2012	(20,000)	(43,000)	(41,000)	(37,000)
	2013	17,000	(17,000)	(16,000)	(14,000)
	2014	(56,000)	(80,000)	(75,000)	(66,000)
	2015	73,000	61,000	60,000	61,000
	2016	567,000	437,000	433,000	422,000
	2017	1,527,000	1,175,000	1,142,000	1,130,000
	2018	2,386,000	1,763,000	1,713,000	1,679,000
	2019	2,599,000	2,811,000	3,164,000	3,512,000
Private Passenger Total		7,207,000	6,248,000	6,520,000	6,819,000
Non Private Passenger	prior	-	-	-	-
	2010	(2,000)	(1,000)	(1,000)	(1,000)
	2011	(5,000)	(5,000)	(5,000)	(5,000)
	2012		(1,000)	(1,000)	(2,000)
	2013	91,000	90,000	90,000	90,000
	2014	440,000	363,000	346,000	331,000
	2015	438,000	193,000	183,000	182,000
	2016	565,000	489,000	484,000	468,000
	2017	1,262,000	974,000	938,000	903,000
	2018	2,326,000	2,009,000	1,931,000	1,873,000
	2019	2,016,000	2,264,000	2,554,000	2,846,000
Non Private Passenger Total		7,131,000	6,375,000	6,519,000	6,685,000
Grand Total		14,338,000	12,623,000	13,039,000	13,504,000

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				
AccountCode Desc	IBNR Provision				
AccountCode	(All)				
AccidentYear	(All)				
				discount rate: 1.44%	
				interest rate margin: 25 basis pts	
Sum of Amount	ShareYMM	Prior Month	Current Month	1st Projected	2nd Projected
Business Segment	Acc Year	201907	201908	201909	201910
Private Passenger	prior	(5,000)	(5,000)	(5,000)	(5,000)
	2010	(2,000)	(95,000)	(94,000)	(94,000)
	2011	(1,000)	(1,000)	(1,000)	(1,000)
	2012		-	-	-
	2013	(2,000)	(2,000)	(2,000)	(2,000)
	2014	163,000	(21,000)	(21,000)	(21,000)
	2015	94,000	82,000	83,000	80,000
	2016	369,000	142,000	140,000	139,000
	2017	220,000	198,000	186,000	185,000
	2018	546,000	500,000	495,000	475,000
	2019	411,000	460,000	498,000	529,000
Private Passenger Total		1,793,000	1,258,000	1,279,000	1,285,000
Non Private Passenger	prior	(1,000)	(1,000)	(1,000)	(1,000)
	2010	6,000	(1,000)	(1,000)	(1,000)
	2011	1,000	1,000	1,000	1,000
	2012	(4,000)	(4,000)	(3,000)	(4,000)
	2013	3,000	3,000	3,000	3,000
	2014	7,000	7,000	7,000	7,000
	2015	84,000	44,000	44,000	44,000
	2016	298,000	231,000	228,000	224,000
	2017	676,000	569,000	564,000	558,000
	2018	744,000	622,000	615,000	608,000
	2019	524,000	718,000	807,000	891,000
Non Private Passenger Total		2,338,000	2,189,000	2,264,000	2,330,000
Grand Total		4,131,000	3,447,000	3,543,000	3,615,000

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: 1.44%			
AccountCode Desc	IBNR Provision	interest rate margin: 25 basis pts			
AccountCode	(All)				
AccidentYear	(All)				
		Prior Month	Current Month	1st Projected	2nd Projected
Sum of Amount	ShareYMM				
Business Segment	Acc Year	201907	201908	201909	201910
Private Passenger	prior	455,000	508,000	498,000	494,000
	2010	646,000	223,000	220,000	213,000
	2011	139,000	144,000	143,000	137,000
	2012	26,000	107,000	106,000	102,000
	2013	45,000	(60,000)	(59,000)	(55,000)
	2014	(57,000)	226,000	222,000	220,000
	2015	(377,000)	(481,000)	(455,000)	(435,000)
	2016	858,000	636,000	607,000	599,000
	2017	2,223,000	1,404,000	1,339,000	1,302,000
	2018	2,985,000	2,749,000	2,626,000	2,527,000
	2019	3,276,000	3,584,000	4,280,000	5,017,000
Private Passenger Total		10,219,000	9,040,000	9,527,000	10,121,000
Non Private Passenger	prior	135,000	106,000	106,000	103,000
	2010	42,000	10,000	10,000	10,000
	2011	185,000	90,000	89,000	87,000
	2012	419,000	260,000	257,000	248,000
	2013	509,000	398,000	393,000	381,000
	2014	453,000	346,000	342,000	331,000
	2015	1,166,000	62,000	79,000	83,000
	2016	2,397,000	1,387,000	1,342,000	1,292,000
	2017	4,039,000	3,378,000	3,262,000	3,148,000
	2018	10,203,000	7,947,000	7,709,000	7,566,000
	2019	15,408,000	15,126,000	17,235,000	19,348,000
Non Private Passenger Total		34,956,000	29,110,000	30,824,000	32,597,000
Grand Total		45,175,000	38,150,000	40,351,000	42,718,000

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: 1.44%			
AccountCode Desc	IBNR Provision	interest rate margin: 25 basis pts			
AccountCode	(All)				
AccidentYear	(All)				
		Prior Month	Current Month	1st Projected	2nd Projected
Sum of Amount	ShareYMM				
Business Segment	Acc Year	201907	201908	201909	201910
Private Passenger	prior	(11,000)	(10,000)	(8,000)	(8,000)
	2010	32,000	13,000	12,000	12,000
	2011	130,000	101,000	99,000	94,000
	2012	277,000	35,000	32,000	31,000
	2013	180,000	123,000	117,000	113,000
	2014	453,000	262,000	251,000	241,000
	2015	443,000	442,000	433,000	410,000
	2016	635,000	452,000	447,000	443,000
	2017	1,344,000	1,000,000	932,000	868,000
	2018	1,064,000	689,000	670,000	647,000
	2019	895,000	1,049,000	1,127,000	1,202,000
Private Passenger Total		5,442,000	4,156,000	4,112,000	4,053,000
Non Private Passenger	prior	774,000	614,000	608,000	583,000
	2010	7,000	7,000	7,000	7,000
	2011	(46,000)	94,000	92,000	90,000
	2012	(594,000)	152,000	150,000	144,000
	2013	739,000	(397,000)	(395,000)	(377,000)
	2014	460,000	428,000	423,000	408,000
	2015	1,973,000	2,110,000	2,004,000	1,936,000
	2016	3,484,000	3,285,000	2,990,000	2,885,000
	2017	4,437,000	5,482,000	5,154,000	4,722,000
	2018	4,847,000	8,247,000	7,752,000	7,102,000
	2019	12,373,000	17,676,000	19,463,000	21,123,000
Non Private Passenger Total		28,454,000	37,698,000	38,248,000	38,623,000
Grand Total		33,896,000	41,854,000	42,360,000	42,676,000

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: 1.44%			
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			
		201907	201908	201909	201910
Private Passenger	prior	4,000	4,000	4,000	4,000
	2010	(16,000)	(16,000)	(16,000)	(16,000)
	2011	4,000	2,000	2,000	2,000
	2012	7,000	3,000	3,000	3,000
	2013	14,000	9,000	9,000	9,000
	2014	30,000	20,000	20,000	20,000
	2015	56,000	41,000	41,000	41,000
	2016	159,000	56,000	55,000	54,000
	2017	163,000	143,000	142,000	139,000
	2018	183,000	167,000	164,000	162,000
	2019	133,000	102,000	117,000	132,000
Private Passenger Total		737,000	531,000	541,000	550,000
Non Private Passenger	prior	2,000	2,000	2,000	2,000
	2010	-	-	-	-
	2011	-	-	-	-
	2012	1,000	1,000	1,000	1,000
	2013	2,000	2,000	2,000	2,000
	2014	7,000	7,000	7,000	7,000
	2015	33,000	19,000	19,000	19,000
	2016	76,000	49,000	49,000	49,000
	2017	160,000	141,000	140,000	139,000
	2018	117,000	138,000	136,000	134,000
	2019	284,000	362,000	358,000	353,000
Non Private Passenger Total		682,000	721,000	714,000	706,000
Grand Total		1,419,000	1,252,000	1,255,000	1,256,000

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: 1.44%	
				interest rate margin: 25 basis pts	
Sum of Amount	ShareYMM	Prior Month	Current Month	1st Projected	2nd Projected
Business Segment	Acc Year	201907	201908	201909	201910
Private Passenger	prior	(2,000)	(2,000)	(2,000)	(2,000)
	2010	(1,000)	(1,000)	(1,000)	(1,000)
	2011	3,000	(1,000)	(1,000)	(1,000)
	2012	10,000	6,000	6,000	6,000
	2013	11,000	7,000	7,000	7,000
	2014	39,000	18,000	18,000	18,000
	2015	84,000	55,000	54,000	53,000
	2016	247,000	111,000	110,000	110,000
	2017	280,000	243,000	240,000	238,000
	2018	488,000	477,000	473,000	468,000
	2019	291,000	350,000	383,000	416,000
Private Passenger Total		1,450,000	1,263,000	1,287,000	1,312,000
Non Private Passenger	prior	2,000	2,000	2,000	2,000
	2010	1,000	1,000	1,000	1,000
	2011	-	-	-	-
	2012	-	-	-	-
	2013	43,000	54,000	53,000	54,000
	2014	10,000	31,000	31,000	31,000
	2015	32,000	22,000	22,000	22,000
	2016	138,000	65,000	64,000	63,000
	2017	260,000	144,000	142,000	141,000
	2018	217,000	192,000	178,000	176,000
	2019	(9,000)	159,000	184,000	208,000
Non Private Passenger Total		694,000	670,000	677,000	698,000
Grand Total		2,144,000	1,933,000	1,964,000	2,010,000

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: 1.44%			
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	Acc Year	ShareYYMM			
		201907	201908	201909	201910
Private Passenger	prior	(1,000)	(1,000)	(1,000)	(1,000)
	2010	-	-	-	-
	2011	-	-	-	-
	2012	15,000	15,000	14,000	14,000
	2013	2,000	1,000	1,000	1,000
	2014	8,000	3,000	3,000	3,000
	2015	13,000	9,000	9,000	9,000
	2016	40,000	24,000	24,000	24,000
	2017	32,000	32,000	31,000	30,000
	2018	36,000	28,000	27,000	26,000
	2019	28,000	31,000	31,000	30,000
Private Passenger Total		173,000	142,000	139,000	136,000
Non Private Passenger	prior	-	-	-	-
	2010	-	-	-	-
	2011	-	-	-	-
	2012	-	-	-	-
	2013	12,000	14,000	14,000	14,000
	2014	24,000	22,000	22,000	22,000
	2015	25,000	20,000	20,000	20,000
	2016	93,000	42,000	42,000	42,000
	2017	187,000	99,000	98,000	97,000
	2018	253,000	175,000	172,000	170,000
	2019	112,000	141,000	161,000	181,000
Non Private Passenger Total		706,000	513,000	529,000	546,000
Grand Total		879,000	655,000	668,000	682,000

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: 1.44%			
AccountCode Desc	IBNR Provision	interest rate margin: 25 basis pts			
AccountCode	(All)				
AccidentYear	(All)				
		Prior Month	Current Month	1st Projected	2nd Projected
Sum of Amount	ShareYMM				
Business Segment	Acc Year	201907	201908	201909	201910
Private Passenger	prior	575,000	632,000	623,000	612,000
	2010	749,000	169,000	164,000	155,000
	2011	421,000	342,000	329,000	316,000
	2012	535,000	365,000	353,000	344,000
	2013	584,000	286,000	269,000	266,000
	2014	1,231,000	632,000	608,000	597,000
	2015	600,000	981,000	986,000	952,000
	2016	3,905,000	2,732,000	2,675,000	2,620,000
	2017	10,099,000	7,790,000	7,494,000	7,192,000
	2018	12,279,000	12,170,000	11,718,000	11,268,000
	2019	11,046,000	12,479,000	14,278,000	16,149,000
Private Passenger Total		42,024,000	38,578,000	39,497,000	40,471,000
Non Private Passenger	prior	940,000	729,000	723,000	693,000
	2010	74,000	37,000	37,000	37,000
	2011	310,000	122,000	122,000	121,000
	2012	(81,000)	487,000	481,000	460,000
	2013	1,811,000	700,000	681,000	662,000
	2014	1,648,000	1,448,000	1,412,000	1,356,000
	2015	4,235,000	2,783,000	2,676,000	2,597,000
	2016	7,875,000	6,170,000	5,801,000	5,595,000
	2017	12,527,000	11,920,000	11,384,000	10,778,000
	2018	20,572,000	21,156,000	20,242,000	19,290,000
	2019	32,963,000	39,616,000	44,339,000	48,943,000
Non Private Passenger Total		82,874,000	85,168,000	87,898,000	90,532,000
Grand Total		124,898,000	123,746,000	127,395,000	131,003,000

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)				
		Prior Month	Current Month	1st Projected	2nd Projected
Sum of Amount	ShareYYMM				
Business Segment	Acc Year	201907	201908	201909	201910
Private Passenger	prior	(10,000)	(10,000)	(10,000)	(10,000)
	2010	26,000	(7,000)	(7,000)	(7,000)
	2011	(5,000)	(5,000)	(5,000)	(5,000)
	2012	(10,000)	5,000	5,000	5,000
	2013	18,000	(3,000)	(3,000)	(3,000)
	2014	(89,000)	(154,000)	(152,000)	(149,000)
	2015	(325,000)	(18,000)	(18,000)	(18,000)
	2016	(337,000)	(48,000)	(48,000)	(46,000)
	2017	799,000	749,000	674,000	573,000
	2018	(97,000)	1,565,000	1,408,000	1,197,000
	2019	156,000	283,000	396,000	553,000
Private Passenger Total		126,000	2,357,000	2,240,000	2,090,000
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	-	-	-
	2013	227,000	26,000	26,000	26,000
	2014	(19,000)	(13,000)	(13,000)	(13,000)
	2015	300,000	30,000	28,000	28,000
	2016	189,000	113,000	112,000	109,000
	2017	410,000	316,000	313,000	310,000
	2018	763,000	601,000	571,000	514,000
	2019	920,000	1,448,000	1,532,000	1,598,000
Non Private Passenger Total		2,811,000	2,531,000	2,579,000	2,582,000
Grand Total		2,937,000	4,888,000	4,819,000	4,672,000

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			
		201907	201908	201909	201910
Private Passenger	prior	(1,000)	(14,000)	(12,000)	(12,000)
	2010	29,000	30,000	27,000	26,000
	2011	132,000	89,000	79,000	76,000
	2012	112,000	83,000	74,000	71,000
	2013	198,000	113,000	101,000	97,000
	2014	487,000	139,000	124,000	119,000
	2015	48,000	274,000	271,000	249,000
	2016	669,000	317,000	314,000	298,000
	2017	2,765,000	2,152,000	2,130,000	2,066,000
	2018	3,641,000	3,121,000	3,059,000	3,028,000
	2019	2,575,000	3,020,000	3,399,000	3,782,000
Private Passenger Total		10,655,000	9,324,000	9,566,000	9,800,000
Non Private Passenger	prior	16,000	(6,000)	(6,000)	(6,000)
	2010	2,000	2,000	2,000	2,000
	2011	158,000	(66,000)	(63,000)	(59,000)
	2012	43,000	43,000	41,000	38,000
	2013	33,000	359,000	345,000	321,000
	2014	238,000	230,000	221,000	206,000
	2015		126,000	121,000	113,000
	2016	428,000	342,000	328,000	305,000
	2017	695,000	451,000	419,000	415,000
	2018	577,000	698,000	670,000	650,000
	2019	973,000	1,279,000	1,546,000	1,842,000
Non Private Passenger Total		3,163,000	3,458,000	3,624,000	3,827,000
Grand Total		13,818,000	12,782,000	13,190,000	13,627,000

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)				
		Prior Month	Current Month	1st Projected	2nd Projected
Sum of Amount	ShareYYMM				
Business Segment	Acc Year	201907	201908	201909	201910
Private Passenger	prior	79,000	106,000	104,000	96,000
	2010	8,000	8,000	8,000	7,000
	2011	5,000	5,000	5,000	5,000
	2012	(28,000)	(51,000)	(49,000)	(45,000)
	2013	9,000	(24,000)	(23,000)	(21,000)
	2014	(104,000)	(127,000)	(123,000)	(112,000)
	2015	29,000	27,000	27,000	27,000
	2016	459,000	336,000	333,000	323,000
	2017	1,352,000	1,029,000	998,000	988,000
	2018	2,016,000	1,431,000	1,388,000	1,360,000
	2019	2,277,000	2,455,000	2,757,000	3,055,000
Private Passenger Total		6,102,000	5,195,000	5,425,000	5,683,000
Non Private Passenger	prior	(3,000)	(3,000)	(3,000)	(3,000)
	2010	(2,000)	(1,000)	(1,000)	(1,000)
	2011	(5,000)	(5,000)	(5,000)	(5,000)
	2012	(4,000)	(4,000)	(4,000)	(4,000)
	2013	-	-	-	-
	2014	347,000	272,000	258,000	243,000
	2015	339,000	128,000	119,000	118,000
	2016	375,000	334,000	331,000	318,000
	2017	958,000	696,000	668,000	641,000
	2018	1,996,000	1,709,000	1,641,000	1,592,000
	2019	1,764,000	1,977,000	2,231,000	2,488,000
Non Private Passenger Total		5,765,000	5,103,000	5,235,000	5,387,000
Grand Total		11,867,000	10,298,000	10,660,000	11,070,000

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)				
		Prior Month	Current Month	1st Projected	2nd Projected
Sum of Amount	ShareYMM				
Business Segment	Acc Year	201907	201908	201909	201910
Private Passenger	prior	(5,000)	(5,000)	(5,000)	(5,000)
	2010	(1,000)	(116,000)	(115,000)	(114,000)
	2011	(1,000)	(1,000)	(1,000)	(1,000)
	2012		-	-	-
	2013	(2,000)	(2,000)	(2,000)	(2,000)
	2014	153,000	(21,000)	(21,000)	(21,000)
	2015	29,000	18,000	18,000	18,000
	2016	328,000	115,000	114,000	113,000
	2017	143,000	133,000	122,000	121,000
	2018	474,000	433,000	429,000	412,000
	2019	368,000	409,000	441,000	469,000
Private Passenger Total		1,486,000	963,000	980,000	990,000
Non Private Passenger	prior	(1,000)	(1,000)	(1,000)	(1,000)
	2010	6,000	(1,000)	(1,000)	(1,000)
	2011	1,000	1,000	1,000	1,000
	2012		-	-	-
	2013	1,000	1,000	1,000	1,000
	2014	6,000	6,000	6,000	6,000
	2015	81,000	42,000	42,000	42,000
	2016	226,000	156,000	154,000	152,000
	2017	605,000	509,000	504,000	499,000
	2018	590,000	525,000	520,000	515,000
	2019	472,000	648,000	725,000	799,000
Non Private Passenger Total		1,987,000	1,886,000	1,951,000	2,013,000
Grand Total		3,473,000	2,849,000	2,931,000	3,003,000

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)				
		Prior Month	Current Month	1st Projected	2nd Projected
Sum of Amount	ShareYMM				
Business Segment	Acc Year	201907	201908	201909	201910
Private Passenger	prior	(85,000)	(37,000)	(37,000)	(36,000)
	2010	584,000	189,000	187,000	180,000
	2011	116,000	116,000	115,000	110,000
	2012	10,000	74,000	73,000	70,000
	2013	5,000	(95,000)	(94,000)	(90,000)
	2014	(244,000)	19,000	19,000	18,000
	2015	(441,000)	(542,000)	(515,000)	(494,000)
	2016	696,000	533,000	506,000	501,000
	2017	1,994,000	1,242,000	1,180,000	1,145,000
	2018	2,548,000	2,423,000	2,302,000	2,210,000
	2019	2,808,000	3,009,000	3,616,000	4,264,000
Private Passenger Total		7,991,000	6,931,000	7,352,000	7,878,000
Non Private Passenger	prior	69,000	41,000	41,000	40,000
	2010	37,000	8,000	8,000	8,000
	2011	143,000	53,000	52,000	50,000
	2012	324,000	178,000	176,000	169,000
	2013	171,000	88,000	87,000	84,000
	2014	276,000	179,000	177,000	170,000
	2015	568,000	(569,000)	(546,000)	(524,000)
	2016	1,755,000	949,000	911,000	875,000
	2017	3,393,000	2,782,000	2,671,000	2,564,000
	2018	8,657,000	6,807,000	6,603,000	6,471,000
	2019	13,685,000	13,353,000	15,218,000	17,086,000
Non Private Passenger Total		29,078,000	23,869,000	25,398,000	26,993,000
Grand Total		37,069,000	30,800,000	32,750,000	34,871,000

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			
		201907	201908	201909	201910
Private Passenger	prior	(41,000)	(41,000)	(39,000)	(36,000)
	2010	30,000	13,000	12,000	12,000
	2011	49,000	16,000	15,000	14,000
	2012	253,000	26,000	24,000	23,000
	2013	157,000	108,000	102,000	98,000
	2014	308,000	125,000	117,000	112,000
	2015	391,000	395,000	387,000	364,000
	2016	463,000	332,000	329,000	326,000
	2017	1,215,000	897,000	834,000	776,000
	2018	870,000	505,000	495,000	475,000
	2019	772,000	899,000	960,000	1,017,000
Private Passenger Total		4,467,000	3,275,000	3,236,000	3,181,000
Non Private Passenger	prior	745,000	584,000	578,000	555,000
	2010	6,000	6,000	6,000	6,000
	2011	(83,000)	45,000	45,000	43,000
	2012	(639,000)	68,000	67,000	64,000
	2013	429,000	(689,000)	(682,000)	(655,000)
	2014	329,000	288,000	285,000	274,000
	2015	1,444,000	1,581,000	1,486,000	1,427,000
	2016	2,465,000	2,550,000	2,269,000	2,178,000
	2017	3,456,000	4,404,000	4,096,000	3,686,000
	2018	3,458,000	6,631,000	6,167,000	5,550,000
	2019	11,002,000	15,878,000	17,476,000	18,964,000
Non Private Passenger Total		22,612,000	31,346,000	31,793,000	32,092,000
Grand Total		27,079,000	34,621,000	35,029,000	35,273,000

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		ShareYYMM			
		201907	201908	201909	201910
Private Passenger	prior	4,000	4,000	4,000	4,000
	2010	(16,000)	(17,000)	(17,000)	(17,000)
	2011	4,000	2,000	2,000	2,000
	2012	6,000	3,000	3,000	3,000
	2013	13,000	8,000	8,000	8,000
	2014	28,000	18,000	18,000	18,000
	2015	53,000	38,000	38,000	38,000
	2016	146,000	53,000	52,000	51,000
	2017	81,000	60,000	59,000	58,000
	2018	170,000	154,000	152,000	150,000
	2019	124,000	91,000	105,000	119,000
Private Passenger Total		613,000	414,000	424,000	434,000
Non Private Passenger	prior	2,000	2,000	2,000	2,000
	2010	-	-	-	-
	2011	-	-	-	-
	2012	1,000	1,000	1,000	1,000
	2013	2,000	2,000	2,000	2,000
	2014	6,000	6,000	6,000	6,000
	2015	31,000	17,000	17,000	17,000
	2016	69,000	45,000	45,000	45,000
	2017	147,000	130,000	129,000	128,000
	2018	56,000	68,000	67,000	66,000
	2019	259,000	330,000	325,000	317,000
Non Private Passenger Total		573,000	601,000	594,000	584,000
Grand Total		1,186,000	1,015,000	1,018,000	1,018,000

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)				
		Prior Month	Current Month	1st Projected	2nd Projected
Sum of Amount	ShareYYMM				
Business Segment	Acc Year	201907	201908	201909	201910
Private Passenger	prior	(2,000)	(2,000)	(2,000)	(2,000)
	2010	(1,000)	(1,000)	(1,000)	(1,000)
	2011	3,000	(1,000)	(1,000)	(1,000)
	2012	9,000	5,000	5,000	5,000
	2013	10,000	6,000	6,000	6,000
	2014	36,000	16,000	16,000	16,000
	2015	78,000	51,000	50,000	49,000
	2016	227,000	104,000	103,000	102,000
	2017	211,000	177,000	175,000	173,000
	2018	444,000	433,000	429,000	425,000
	2019	260,000	310,000	340,000	369,000
Private Passenger Total		1,275,000	1,098,000	1,120,000	1,141,000
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	16,000	16,000	16,000
	2014	9,000	29,000	29,000	29,000
	2015	30,000	21,000	21,000	21,000
	2016	126,000	60,000	59,000	58,000
	2017	240,000	132,000	131,000	130,000
	2018	193,000	170,000	156,000	154,000
	2019	(29,000)	129,000	149,000	171,000
Non Private Passenger Total		583,000	560,000	564,000	582,000
Grand Total		1,858,000	1,658,000	1,684,000	1,723,000

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			
		201907	201908	201909	201910
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	1,000	1,000	1,000
	2014	7,000	3,000	3,000	3,000
	2015	12,000	8,000	8,000	8,000
	2016	37,000	23,000	23,000	23,000
	2017	29,000	29,000	28,000	27,000
	2018	34,000	26,000	25,000	24,000
	2019	26,000	29,000	28,000	27,000
Private Passenger Total		147,000	119,000	116,000	113,000
Non Private Passenger	prior	-	-	-	-
	2010	-	-	-	-
	2011	-	-	-	-
	2012	-	-	-	-
	2013	11,000	13,000	13,000	13,000
	2014	5,000	4,000	4,000	4,000
	2015	18,000	13,000	13,000	13,000
	2016	84,000	39,000	39,000	39,000
	2017	173,000	90,000	89,000	88,000
	2018	230,000	160,000	157,000	155,000
	2019	101,000	129,000	147,000	166,000
Non Private Passenger Total		622,000	448,000	462,000	478,000
Grand Total		769,000	567,000	578,000	591,000

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		ShareYMMM			
		201907	201908	201909	201910
Private Passenger	prior	(62,000)	-	2,000	(2,000)
	2010	659,000	99,000	94,000	86,000
	2011	303,000	221,000	209,000	200,000
	2012	353,000	146,000	136,000	133,000
	2013	410,000	112,000	96,000	94,000
	2014	582,000	18,000	1,000	4,000
	2015	(126,000)	251,000	266,000	241,000
	2016	2,688,000	1,765,000	1,726,000	1,691,000
	2017	8,589,000	6,468,000	6,200,000	5,927,000
	2018	10,100,000	10,091,000	9,687,000	9,281,000
	2019	9,366,000	10,505,000	12,042,000	13,655,000
Private Passenger Total		32,862,000	29,676,000	30,459,000	31,310,000
Non Private Passenger	prior	836,000	625,000	619,000	595,000
	2010	52,000	17,000	17,000	17,000
	2011	216,000	30,000	32,000	32,000
	2012	(264,000)	286,000	281,000	268,000
	2013	885,000	(184,000)	(192,000)	(192,000)
	2014	1,197,000	1,001,000	973,000	925,000
	2015	2,811,000	1,389,000	1,301,000	1,255,000
	2016	5,717,000	4,588,000	4,248,000	4,079,000
	2017	10,077,000	9,510,000	9,020,000	8,461,000
	2018	16,520,000	17,369,000	16,552,000	15,667,000
	2019	29,147,000	35,171,000	39,349,000	43,431,000
Non Private Passenger Total		67,194,000	69,802,000	72,200,000	74,538,000
Grand Total		100,056,000	99,478,000	102,659,000	105,848,000

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: 1.44%
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	201907	201908	201909	201910
Private Passenger	prior	117,000	57,000	57,000	57,000
	2010	86,000	63,000	62,000	61,000
	2011	90,000	97,000	96,000	95,000
	2012	143,000	159,000	158,000	156,000
	2013	245,000	167,000	165,000	163,000
	2014	176,000	167,000	163,000	159,000
	2015	400,000	427,000	422,000	418,000
	2016	366,000	402,000	398,000	393,000
	2017	256,000	247,000	221,000	217,000
	2018	427,000	578,000	574,000	569,000
	2019	230,000	299,000	310,082	348,082
Private Passenger Total		2,536,000	2,663,000	2,626,082	2,636,082
Non Private Passenger	prior	44,000	23,000	23,000	23,000
	2010	30,000	20,000	20,000	20,000
	2011	26,000	29,000	29,000	29,000
	2012	38,000	41,000	39,000	38,000
	2013	64,000	43,000	42,000	41,000
	2014	49,000	45,000	44,000	42,000
	2015	121,000	129,000	127,000	126,000
	2016	123,000	133,000	132,000	131,000
	2017	90,000	86,000	78,000	77,000
	2018	162,000	217,000	215,000	213,000
	2019	88,000	118,000	122,277	135,277
Non Private Passenger Total		835,000	884,000	871,277	875,277
Grand Total		3,371,000	3,547,000	3,497,359	3,511,359

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

page 2 of 10

Jurisdiction Desc	New Brunswick	discount rate: 1.44%			
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		ShareYMM			
		201907	201908	201909	201910
Private Passenger	prior	120,000	53,000	51,000	49,000
	2010	86,000	55,000	54,000	52,000
	2011	102,000	91,000	87,000	85,000
	2012	133,000	125,000	121,000	118,000
	2013	153,000	157,000	152,000	148,000
	2014	248,000	224,000	219,000	213,000
	2015	288,000	294,000	289,000	282,000
	2016	240,000	203,000	198,000	191,000
	2017	254,000	193,000	187,000	181,000
	2018	295,000	259,000	252,000	245,000
	2019	176,000	205,000	229,992	256,992
Private Passenger Total		2,095,000	1,859,000	1,839,992	1,820,992
Non Private Passenger	prior	91,000	44,000	44,000	44,000
	2010	71,000	48,000	46,000	45,000
	2011	75,000	68,000	67,000	65,000
	2012	98,000	94,000	92,000	88,000
	2013	107,000	109,000	107,000	105,000
	2014	160,000	144,000	142,000	140,000
	2015	177,000	181,000	180,000	177,000
	2016	143,000	123,000	121,000	119,000
	2017	162,000	124,000	120,000	117,000
	2018	211,000	186,000	182,000	179,000
	2019	136,000	161,000	180,760	202,760
Non Private Passenger Total		1,431,000	1,282,000	1,281,760	1,281,760
Grand Total		3,526,000	3,141,000	3,121,752	3,102,752

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: 1.44%			
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	201907	201908	201909	201910
Private Passenger	prior	354,000	189,000	183,000	176,000
	2010	79,000	48,000	47,000	45,000
	2011	65,000	42,000	41,000	40,000
	2012	78,000	61,000	60,000	59,000
	2013	65,000	72,000	71,000	70,000
	2014	132,000	135,000	133,000	130,000
	2015	83,000	67,000	65,000	64,000
	2016	145,000	112,000	110,000	108,000
	2017	164,000	130,000	120,000	117,000
	2018	239,000	181,000	179,000	177,000
	2019	181,000	170,000	203,133	229,133
Private Passenger Total		1,585,000	1,207,000	1,212,133	1,215,133
Non Private Passenger	prior	105,000	59,000	59,000	59,000
	2010	62,000	35,000	34,000	33,000
	2011	61,000	39,000	38,000	37,000
	2012	84,000	65,000	65,000	64,000
	2013	82,000	87,000	85,000	83,000
	2014	174,000	179,000	177,000	175,000
	2015	115,000	93,000	91,000	89,000
	2016	199,000	154,000	151,000	150,000
	2017	219,000	173,000	160,000	156,000
	2018	295,000	222,000	219,000	216,000
	2019	172,000	161,000	189,148	212,148
Non Private Passenger Total		1,568,000	1,267,000	1,268,148	1,274,148
Grand Total		3,153,000	2,474,000	2,480,281	2,489,281

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	discount rate: 1.44%			
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	201907	201908	201909	201910
Private Passenger	prior	62,000	26,000	26,000	26,000
	2010	15,000	9,000	9,000	9,000
	2011	23,000	15,000	15,000	15,000
	2012	31,000	22,000	22,000	22,000
	2013	37,000	30,000	29,000	28,000
	2014	48,000	33,000	32,000	31,000
	2015	42,000	37,000	36,000	35,000
	2016	111,000	95,000	94,000	93,000
	2017	95,000	85,000	84,000	83,000
	2018	70,000	56,000	55,000	54,000
	2019	16,000	21,000	25,751	31,751
Private Passenger Total		550,000	429,000	427,751	427,751
Non Private Passenger	prior	22,000	7,000	7,000	7,000
	2010	10,000	7,000	7,000	7,000
	2011	13,000	10,000	10,000	10,000
	2012	16,000	12,000	12,000	12,000
	2013	22,000	18,000	18,000	18,000
	2014	28,000	19,000	19,000	19,000
	2015	27,000	23,000	23,000	23,000
	2016	73,000	62,000	61,000	59,000
	2017	62,000	57,000	56,000	55,000
	2018	53,000	42,000	41,000	40,000
	2019	15,000	20,000	25,638	28,638
Non Private Passenger Total		341,000	277,000	279,638	278,638
Grand Total		891,000	706,000	707,389	706,389

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: 1.44%			
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		ShareYMM			
		201907	201908	201909	201910
Private Passenger	prior	3,250,000	3,116,000	3,023,000	2,930,000
	2010	414,000	325,000	316,000	307,000
	2011	538,000	456,000	442,000	429,000
	2012	641,000	483,000	469,000	454,000
	2013	640,000	557,000	541,000	524,000
	2014	584,000	473,000	458,000	444,000
	2015	566,000	522,000	508,000	493,000
	2016	534,000	460,000	447,000	433,000
	2017	462,000	397,000	380,000	365,000
	2018	691,000	632,000	611,000	592,000
	2019	405,000	408,000	483,444	550,444
Private Passenger Total		8,725,000	7,829,000	7,678,444	7,521,444
Non Private Passenger	prior	989,000	967,000	942,000	926,000
	2010	314,000	247,000	241,000	236,000
	2011	437,000	369,000	361,000	354,000
	2012	624,000	462,000	453,000	444,000
	2013	981,000	858,000	841,000	824,000
	2014	1,103,000	892,000	873,000	857,000
	2015	1,267,000	1,161,000	1,140,000	1,118,000
	2016	1,186,000	1,023,000	1,001,000	981,000
	2017	1,031,000	882,000	858,000	833,000
	2018	2,179,000	1,993,000	1,951,000	1,907,000
	2019	1,384,000	1,369,000	1,597,793	1,805,793
Non Private Passenger Total		11,495,000	10,223,000	10,258,793	10,285,793
Grand Total		20,220,000	18,052,000	17,937,237	17,807,237

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: 1.44%			
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		ShareYMM			
		201907	201908	201909	201910
Private Passenger	prior	325,000	332,000	326,000	320,000
	2010	31,000	24,000	24,000	24,000
	2011	59,000	12,000	12,000	12,000
	2012	56,000	56,000	55,000	54,000
	2013	71,000	60,000	58,000	57,000
	2014	89,000	73,000	72,000	71,000
	2015	45,000	79,000	78,000	77,000
	2016	72,000	60,000	59,000	57,000
	2017	55,000	60,000	59,000	57,000
	2018	99,000	132,000	131,000	129,000
	2019	(18,000)	(10,000)	(7,499)	(8,499)
Private Passenger Total		884,000	878,000	866,501	849,501
Non Private Passenger	prior	961,000	963,000	954,000	946,000
	2010	112,000	92,000	91,000	90,000
	2011	192,000	37,000	37,000	37,000
	2012	204,000	199,000	196,000	193,000
	2013	275,000	228,000	225,000	224,000
	2014	385,000	318,000	314,000	311,000
	2015	212,000	371,000	367,000	364,000
	2016	386,000	319,000	316,000	312,000
	2017	348,000	385,000	382,000	379,000
	2018	772,000	1,039,000	1,034,000	1,029,000
	2019	(184,000)	(102,000)	(96,365)	(103,365)
Non Private Passenger Total		3,663,000	3,849,000	3,819,635	3,781,635
Grand Total		4,547,000	4,727,000	4,686,136	4,631,136

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: 1.44%			
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			
		201907	201908	201909	201910
Private Passenger	prior	2,000	13,000	13,000	13,000
	2010	2,000	1,000	1,000	1,000
	2011	3,000	2,000	2,000	2,000
	2012	4,000	3,000	3,000	3,000
	2013	6,000	4,000	4,000	4,000
	2014	(13,000)	6,000	6,000	6,000
	2015	(14,000)	(15,000)	(15,000)	(15,000)
	2016	4,000	(1,000)	(1,000)	(1,000)
	2017	21,000	20,000	20,000	20,000
	2018	13,000	14,000	14,000	13,000
	2019	(1,000)	(1,000)	(1,862)	(862)
Private Passenger Total		27,000	46,000	45,138	45,138
Non Private Passenger	prior	2,000	11,000	11,000	11,000
	2010	3,000	2,000	2,000	2,000
	2011	4,000	3,000	3,000	3,000
	2012	7,000	4,000	4,000	4,000
	2013	9,000	7,000	7,000	7,000
	2014	(17,000)	8,000	8,000	8,000
	2015	(20,000)	(20,000)	(20,000)	(20,000)
	2016	7,000	(2,000)	(2,000)	(2,000)
	2017	69,000	64,000	64,000	64,000
	2018	49,000	54,000	54,000	53,000
	2019	(3,000)	(3,000)	(4,406)	(6,406)
Non Private Passenger Total		110,000	128,000	126,594	123,594
Grand Total		137,000	174,000	171,732	168,732

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: 1.44%
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	201907	201908	201909	201910
Private Passenger	prior	11,000	-	-	-
	2010	12,000	9,000	9,000	9,000
	2011	17,000	11,000	11,000	11,000
	2012	21,000	14,000	14,000	14,000
	2013	24,000	19,000	19,000	19,000
	2014	27,000	22,000	22,000	22,000
	2015	10,000	4,000	4,000	4,000
	2016	24,000	22,000	22,000	22,000
	2017	(6,000)	(22,000)	(22,000)	(22,000)
	2018	20,000	13,000	13,000	13,000
	2019	(14,000)	(13,000)	(18,252)	(19,252)
Private Passenger Total		146,000	79,000	73,748	72,748
Non Private Passenger	prior	2,000	-	-	-
	2010	4,000	2,000	2,000	2,000
	2011	6,000	3,000	3,000	3,000
	2012	8,000	6,000	6,000	6,000
	2013	9,000	7,000	7,000	7,000
	2014	9,000	8,000	8,000	8,000
	2015	4,000	2,000	2,000	2,000
	2016	9,000	9,000	9,000	9,000
	2017	(3,000)	(7,000)	(7,000)	(7,000)
	2018	10,000	6,000	6,000	6,000
	2019	(7,000)	(7,000)	(9,800)	(10,800)
Non Private Passenger Total		51,000	29,000	26,200	25,200
Grand Total		197,000	108,000	99,948	97,948

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: 1.44%			
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			
		201907	201908	201909	201910
Private Passenger	prior	2,000	-	-	-
	2010	3,000	2,000	2,000	2,000
	2011	4,000	2,000	2,000	2,000
	2012	6,000	4,000	4,000	4,000
	2013	7,000	6,000	6,000	6,000
	2014	(6,000)	(7,000)	(7,000)	(7,000)
	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	2,000	-	-	-
	2019	(2,000)	(2,000)	(1,838)	(1,838)
Private Passenger Total		28,000	17,000	17,162	17,162
Non Private Passenger	prior	1,000	-	-	-
	2010	2,000	1,000	1,000	1,000
	2011	3,000	2,000	2,000	2,000
	2012	4,000	3,000	3,000	3,000
	2013	4,000	3,000	3,000	3,000
	2014	(6,000)	(6,000)	(6,000)	(6,000)
	2015	6,000	4,000	4,000	4,000
	2016	6,000	6,000	6,000	6,000
	2017	6,000	6,000	6,000	6,000
	2018	6,000	2,000	2,000	2,000
	2019	(10,000)	(12,000)	(12,103)	(14,103)
Non Private Passenger Total		22,000	9,000	8,897	6,897
Grand Total		50,000	26,000	26,059	24,059

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				discount rate: 1.44%
AccountCode	(All)				interest rate margin: 25 basis pts
AccidentYear	(All)				
Sum of Amount		Prior Month	Current Month	1st Projected	2nd Projected
Business Segment	Acc Year	ShareYYMM			
		201907	201908	201909	201910
Private Passenger	prior	4,243,000	3,786,000	3,679,000	3,571,000
	2010	728,000	536,000	524,000	510,000
	2011	901,000	728,000	708,000	691,000
	2012	1,113,000	927,000	906,000	884,000
	2013	1,248,000	1,072,000	1,045,000	1,019,000
	2014	1,285,000	1,126,000	1,098,000	1,069,000
	2015	1,426,000	1,421,000	1,393,000	1,364,000
	2016	1,500,000	1,357,000	1,331,000	1,300,000
	2017	1,303,000	1,112,000	1,051,000	1,020,000
	2018	1,856,000	1,865,000	1,829,000	1,792,000
	2019	973,000	1,077,000	1,222,951	1,385,951
Private Passenger Total		16,576,000	15,007,000	14,786,951	14,605,951
Non Private Passenger	prior	2,217,000	2,074,000	2,040,000	2,016,000
	2010	608,000	454,000	444,000	436,000
	2011	817,000	560,000	550,000	540,000
	2012	1,083,000	886,000	870,000	852,000
	2013	1,553,000	1,360,000	1,335,000	1,312,000
	2014	1,885,000	1,607,000	1,579,000	1,554,000
	2015	1,909,000	1,944,000	1,914,000	1,883,000
	2016	2,132,000	1,827,000	1,795,000	1,765,000
	2017	1,984,000	1,770,000	1,717,000	1,680,000
	2018	3,737,000	3,761,000	3,704,000	3,645,000
	2019	1,591,000	1,705,000	1,992,942	2,249,942
Non Private Passenger Total		19,516,000	17,948,000	17,940,942	17,932,942
Grand Total		36,092,000	32,955,000	32,727,893	32,538,893

EXHIBIT C-2

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

page 1 of 10

Jurisdiction Desc	Newfoundland & Labrador	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	201907	201908	201909	201910
Private Passenger	prior	110,000	52,000	52,000	52,000
	2010	86,000	57,000	56,000	55,000
	2011	89,000	96,000	95,000	94,000
	2012	137,000	150,000	148,000	146,000
	2013	234,000	156,000	154,000	152,000
	2014	134,000	125,000	121,000	117,000
	2015	341,000	365,000	361,000	357,000
	2016	307,000	322,000	318,000	314,000
	2017	173,000	163,000	159,000	155,000
	2018	326,000	457,000	453,000	449,000
	2019	157,000	214,000	233,082	261,082
Private Passenger Total		2,094,000	2,157,000	2,150,082	2,152,082
Non Private Passenger	prior	40,000	21,000	21,000	21,000
	2010	27,000	18,000	18,000	18,000
	2011	26,000	28,000	28,000	28,000
	2012	35,000	39,000	38,000	37,000
	2013	59,000	39,000	38,000	37,000
	2014	37,000	34,000	33,000	32,000
	2015	102,000	110,000	109,000	108,000
	2016	102,000	106,000	105,000	104,000
	2017	60,000	57,000	55,000	54,000
	2018	123,000	172,000	170,000	168,000
	2019	60,000	84,000	91,277	100,277
Non Private Passenger Total		671,000	708,000	706,277	707,277
Grand Total		2,765,000	2,865,000	2,856,359	2,859,359

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	201907	201908	201909	201910
Private Passenger	prior	108,000	49,000	47,000	45,000
	2010	80,000	53,000	51,000	49,000
	2011	95,000	85,000	82,000	80,000
	2012	125,000	118,000	114,000	111,000
	2013	142,000	145,000	141,000	137,000
	2014	220,000	197,000	192,000	187,000
	2015	248,000	255,000	249,000	243,000
	2016	184,000	163,000	157,000	151,000
	2017	187,000	138,000	132,000	126,000
	2018	216,000	192,000	186,000	180,000
	2019	119,000	140,000	156,992	174,992
Private Passenger Total		1,724,000	1,535,000	1,507,992	1,483,992
Non Private Passenger	prior	85,000	41,000	41,000	41,000
	2010	67,000	45,000	44,000	43,000
	2011	71,000	64,000	63,000	62,000
	2012	92,000	87,000	85,000	83,000
	2013	100,000	102,000	100,000	98,000
	2014	144,000	128,000	126,000	124,000
	2015	153,000	157,000	155,000	153,000
	2016	110,000	98,000	96,000	94,000
	2017	120,000	89,000	86,000	83,000
	2018	156,000	139,000	136,000	133,000
	2019	93,000	110,000	125,760	140,760
Non Private Passenger Total		1,191,000	1,060,000	1,057,760	1,054,760
Grand Total		2,915,000	2,595,000	2,565,752	2,538,752

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	201907	201908	201909	201910
Private Passenger	prior	334,000	177,000	172,000	167,000
	2010	79,000	46,000	45,000	44,000
	2011	59,000	38,000	37,000	36,000
	2012	74,000	57,000	56,000	55,000
	2013	62,000	67,000	66,000	65,000
	2014	120,000	123,000	121,000	119,000
	2015	69,000	55,000	53,000	51,000
	2016	116,000	90,000	88,000	86,000
	2017	132,000	89,000	87,000	85,000
	2018	186,000	135,000	133,000	131,000
	2019	125,000	115,000	143,133	161,133
Private Passenger Total		1,356,000	992,000	1,001,133	1,000,133
Non Private Passenger	prior	94,000	53,000	53,000	53,000
	2010	56,000	32,000	31,000	30,000
	2011	57,000	37,000	36,000	35,000
	2012	82,000	63,000	62,000	61,000
	2013	76,000	82,000	80,000	78,000
	2014	157,000	161,000	159,000	157,000
	2015	94,000	75,000	73,000	71,000
	2016	159,000	124,000	122,000	120,000
	2017	176,000	120,000	117,000	114,000
	2018	229,000	166,000	163,000	160,000
	2019	119,000	109,000	133,148	149,148
Non Private Passenger Total		1,299,000	1,022,000	1,029,148	1,028,148
Grand Total		2,655,000	2,014,000	2,030,281	2,028,281

EXHIBIT C-2

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

page 4 of 10

Jurisdiction Desc	Prince Edward Island				
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	201907	201908	201909	201910
Private Passenger	prior	56,000	24,000	24,000	24,000
	2010	15,000	9,000	9,000	9,000
	2011	21,000	14,000	14,000	14,000
	2012	28,000	20,000	20,000	20,000
	2013	34,000	27,000	26,000	25,000
	2014	42,000	30,000	29,000	28,000
	2015	34,000	29,000	28,000	27,000
	2016	99,000	82,000	81,000	80,000
	2017	80,000	74,000	73,000	72,000
	2018	48,000	40,000	39,000	38,000
	2019	8,000	11,000	14,751	16,751
Private Passenger Total		465,000	360,000	357,751	353,751
Non Private Passenger	prior	20,000	7,000	7,000	7,000
	2010	10,000	6,000	6,000	6,000
	2011	12,000	9,000	9,000	9,000
	2012	16,000	12,000	12,000	12,000
	2013	21,000	17,000	17,000	17,000
	2014	26,000	19,000	19,000	19,000
	2015	22,000	19,000	19,000	19,000
	2016	65,000	54,000	53,000	52,000
	2017	53,000	49,000	48,000	47,000
	2018	37,000	30,000	29,000	28,000
	2019	7,000	10,000	14,638	16,638
Non Private Passenger Total		289,000	232,000	233,638	232,638
Grand Total		754,000	592,000	591,389	586,389

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	201907	201908	201909	201910
Private Passenger	prior	3,144,000	3,013,000	2,922,000	2,835,000
	2010	396,000	313,000	304,000	295,000
	2011	530,000	446,000	433,000	420,000
	2012	633,000	470,000	456,000	442,000
	2013	609,000	533,000	517,000	501,000
	2014	518,000	429,000	416,000	403,000
	2015	508,000	462,000	449,000	436,000
	2016	455,000	416,000	403,000	390,000
	2017	376,000	324,000	309,000	295,000
	2018	561,000	531,000	512,000	494,000
	2019	272,000	281,000	323,444	367,444
Private Passenger Total		8,002,000	7,218,000	7,044,444	6,878,444
Non Private Passenger	prior	944,000	927,000	906,000	889,000
	2010	297,000	235,000	230,000	225,000
	2011	420,000	354,000	347,000	340,000
	2012	580,000	430,000	421,000	413,000
	2013	928,000	813,000	797,000	781,000
	2014	966,000	799,000	782,000	766,000
	2015	1,133,000	1,028,000	1,008,000	988,000
	2016	1,009,000	923,000	903,000	884,000
	2017	838,000	721,000	699,000	677,000
	2018	1,767,000	1,669,000	1,630,000	1,591,000
	2019	934,000	946,000	1,076,793	1,215,793
Non Private Passenger Total		9,816,000	8,845,000	8,799,793	8,769,793
Grand Total		17,818,000	16,063,000	15,844,237	15,648,237

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	201907	201908	201909	201910
Private Passenger	prior	294,000	305,000	300,000	295,000
	2010	29,000	24,000	24,000	24,000
	2011	55,000	11,000	11,000	11,000
	2012	53,000	52,000	51,000	50,000
	2013	65,000	55,000	54,000	53,000
	2014	83,000	68,000	67,000	66,000
	2015	29,000	61,000	60,000	59,000
	2016	49,000	37,000	36,000	35,000
	2017	47,000	45,000	44,000	43,000
	2018	72,000	99,000	98,000	97,000
	2019	(20,000)	(22,000)	(23,499)	(25,499)
Private Passenger Total		756,000	735,000	721,501	707,501
Non Private Passenger	prior	924,000	924,000	916,000	908,000
	2010	102,000	84,000	83,000	82,000
	2011	186,000	36,000	36,000	36,000
	2012	194,000	188,000	186,000	184,000
	2013	258,000	215,000	213,000	211,000
	2014	359,000	296,000	293,000	290,000
	2015	139,000	286,000	283,000	280,000
	2016	259,000	199,000	196,000	193,000
	2017	297,000	288,000	285,000	282,000
	2018	566,000	779,000	775,000	771,000
	2019	(206,000)	(219,000)	(247,365)	(272,365)
Non Private Passenger Total		3,078,000	3,076,000	3,018,635	2,964,635
Grand Total		3,834,000	3,811,000	3,740,136	3,672,136

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	201907	201908	201909	201910
Private Passenger	prior	2,000	12,000	12,000	12,000
	2010	2,000	1,000	1,000	1,000
	2011	3,000	2,000	2,000	2,000
	2012	4,000	3,000	3,000	3,000
	2013	5,000	4,000	4,000	4,000
	2014	(15,000)	5,000	5,000	5,000
	2015	(15,000)	(16,000)	(16,000)	(16,000)
	2016	2,000	(1,000)	(1,000)	(1,000)
	2017	18,000	17,000	17,000	17,000
	2018	11,000	11,000	11,000	11,000
	2019	(2,000)	(2,000)	(2,862)	(1,862)
Private Passenger Total		15,000	36,000	35,138	36,138
Non Private Passenger	prior	2,000	10,000	10,000	10,000
	2010	3,000	2,000	2,000	2,000
	2011	4,000	3,000	3,000	3,000
	2012	6,000	4,000	4,000	4,000
	2013	8,000	6,000	6,000	6,000
	2014	(20,000)	7,000	7,000	7,000
	2015	(21,000)	(21,000)	(21,000)	(21,000)
	2016	5,000	(3,000)	(3,000)	(3,000)
	2017	58,000	53,000	53,000	53,000
	2018	39,000	43,000	43,000	43,000
	2019	(8,000)	(9,000)	(12,406)	(13,406)
Non Private Passenger Total		76,000	95,000	91,594	90,594
Grand Total		91,000	131,000	126,732	126,732

EXHIBIT C-2

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

page 8 of 10

Jurisdiction Desc	Northwest Territories				
AccountCode Desc	Undiscounted Retro Claims Expense				discount rate: 0.00%
AccountCode	(All)				interest rate margin: 0 basis pts
AccidentYear	(All)				
Sum of Amount		Prior Month	Current Month	1st Projected	2nd Projected
Business Segment	Acc Year	ShareYYMM			
		201907	201908	201909	201910
Private Passenger	prior	10,000	-	-	-
	2010	11,000	8,000	8,000	8,000
	2011	15,000	10,000	10,000	10,000
	2012	19,000	13,000	13,000	13,000
	2013	23,000	17,000	17,000	17,000
	2014	25,000	20,000	20,000	20,000
	2015	9,000	3,000	3,000	3,000
	2016	22,000	21,000	21,000	21,000
	2017	(17,000)	(29,000)	(29,000)	(29,000)
	2018	10,000	6,000	6,000	6,000
	2019	(21,000)	(21,000)	(29,252)	(31,252)
Private Passenger Total		106,000	48,000	39,748	37,748
Non Private Passenger	prior	2,000	-	-	-
	2010	4,000	2,000	2,000	2,000
	2011	5,000	3,000	3,000	3,000
	2012	7,000	5,000	5,000	5,000
	2013	8,000	6,000	6,000	6,000
	2014	8,000	7,000	7,000	7,000
	2015	3,000	1,000	1,000	1,000
	2016	8,000	8,000	8,000	8,000
	2017	(8,000)	(11,000)	(11,000)	(11,000)
	2018	5,000	2,000	2,000	2,000
	2019	(12,000)	(12,000)	(16,800)	(17,800)
Non Private Passenger Total		30,000	11,000	6,200	5,200
Grand Total		136,000	59,000	45,948	42,948

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	201907	201908	201909	201910
Private Passenger	prior	2,000	-	-	-
	2010	3,000	2,000	2,000	2,000
	2011	4,000	2,000	2,000	2,000
	2012	5,000	4,000	4,000	4,000
	2013	6,000	5,000	5,000	5,000
	2014	(7,000)	(8,000)	(8,000)	(8,000)
	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	-	-	-
	2019	(2,000)	(2,000)	(1,838)	(1,838)
Private Passenger Total		23,000	14,000	14,162	14,162
Non Private Passenger	prior	1,000	-	-	-
	2010	2,000	1,000	1,000	1,000
	2011	3,000	2,000	2,000	2,000
	2012	4,000	3,000	3,000	3,000
	2013	4,000	3,000	3,000	3,000
	2014	(6,000)	(6,000)	(6,000)	(6,000)
	2015	5,000	4,000	4,000	4,000
	2016	5,000	5,000	5,000	5,000
	2017	5,000	5,000	5,000	5,000
	2018	3,000	1,000	1,000	1,000
	2019	(11,000)	(13,000)	(14,103)	(16,103)
Non Private Passenger Total		15,000	5,000	3,897	1,897
Grand Total		38,000	19,000	18,059	16,059

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	201907	201908	201909	201910
Private Passenger	prior	4,060,000	3,632,000	3,529,000	3,430,000
	2010	701,000	513,000	500,000	487,000
	2011	871,000	704,000	686,000	669,000
	2012	1,078,000	887,000	865,000	844,000
	2013	1,180,000	1,009,000	984,000	959,000
	2014	1,120,000	989,000	963,000	937,000
	2015	1,228,000	1,219,000	1,192,000	1,165,000
	2016	1,238,000	1,134,000	1,107,000	1,080,000
	2017	998,000	823,000	794,000	766,000
	2018	1,431,000	1,471,000	1,438,000	1,406,000
	2019	636,000	714,000	813,951	920,951
Private Passenger Total		14,541,000	13,095,000	12,871,951	12,663,951
Non Private Passenger	prior	2,112,000	1,983,000	1,954,000	1,929,000
	2010	568,000	425,000	417,000	409,000
	2011	784,000	536,000	527,000	518,000
	2012	1,016,000	831,000	816,000	802,000
	2013	1,462,000	1,283,000	1,260,000	1,237,000
	2014	1,671,000	1,445,000	1,420,000	1,396,000
	2015	1,630,000	1,659,000	1,631,000	1,603,000
	2016	1,722,000	1,514,000	1,485,000	1,457,000
	2017	1,599,000	1,371,000	1,337,000	1,304,000
	2018	2,925,000	3,001,000	2,949,000	2,897,000
	2019	976,000	1,006,000	1,150,942	1,302,942
Non Private Passenger Total		16,465,000	15,054,000	14,946,942	14,854,942
Grand Total		31,006,000	28,149,000	27,818,893	27,518,893

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	201907	201908	201909	201910
Private Passenger	Newfoundland & Labrador	84.7%	83.2%	82.9%	82.5%
	New Brunswick	85.7%	83.7%	83.3%	82.6%
	Nova Scotia	91.7%	88.8%	88.3%	87.6%
	Prince Edward Island	62.9%	63.8%	64.2%	64.2%
	Ontario	71.5%	73.4%	73.2%	73.4%
	Alberta	64.4%	64.9%	64.3%	63.8%
	Yukon	82.1%	81.2%	80.2%	81.9%
	Northwest Territories	65.4%	63.7%	63.2%	62.3%
	Nunavut	40.6%	37.5%	38.8%	39.3%
Non Private Passenger	Newfoundland & Labrador	79.9%	82.0%	81.1%	80.8%
	New Brunswick	77.6%	77.6%	75.9%	74.4%
	Nova Scotia	82.3%	80.4%	79.9%	79.9%
	Prince Edward Island	87.6%	87.0%	85.1%	83.6%
	Ontario	66.5%	63.0%	62.8%	63.7%
	Alberta	65.9%	70.4%	70.1%	70.0%
	Yukon	63.2%	65.9%	65.2%	65.8%
	Northwest Territories	52.7%	54.0%	52.1%	50.2%
	Nunavut	51.5%	47.3%	47.4%	46.3%
Grand Total		71.5%	71.6%	71.4%	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	201907	201908	201909	201910
Private Passenger	Newfoundland & Labrador	80.1%	78.7%	78.5%	78.1%
	New Brunswick	80.8%	78.8%	78.6%	78.1%
	Nova Scotia	86.0%	83.2%	82.8%	82.2%
	Prince Edward Island	59.1%	59.9%	60.3%	60.5%
	Ontario	67.1%	69.0%	68.9%	69.1%
	Alberta	61.3%	61.4%	61.0%	60.5%
	Yukon	76.6%	76.6%	76.6%	76.6%
	Northwest Territories	61.8%	60.3%	60.1%	59.2%
	Nunavut	39.3%	34.4%	35.9%	36.7%
Non Private Passenger	Newfoundland & Labrador	75.3%	77.2%	77.0%	76.7%
	New Brunswick	73.3%	73.2%	72.4%	70.9%
	Nova Scotia	77.2%	75.4%	75.6%	75.6%
	Prince Edward Island	82.1%	81.2%	80.2%	78.8%
	Ontario	61.8%	58.6%	59.1%	59.9%
	Alberta	62.8%	66.8%	66.7%	66.7%
	Yukon	59.9%	62.3%	62.3%	62.8%
	Northwest Territories	49.6%	50.7%	49.4%	47.7%
	Nunavut	48.7%	45.1%	44.8%	44.1%
Grand Total		67.3%	67.3%	67.5%	67.4%

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%
2000	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2001	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2002	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2003	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2004	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2005	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2006	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2007	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2008	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2009	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2010	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2011	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2012	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2013	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2014	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2015	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2016	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2017	10.0%	10.0%	5.0%	9.9%	10.0%	10.0%	5.0%	10.0%
2018	10.0%	10.0%	5.0%	9.9%	10.0%	10.0%	5.0%	10.0%
2019	10.0%	10.0%	5.0%	9.9%	10.0%	10.0%	5.0%	10.0%
prem liab	10.0%	10.0%	5.0%	9.0%	10.0%	10.0%	5.0%	9.6%
	discount rate: 1.44%				discount rate: 1.44%			
	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%
2000	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2001	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2002	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2003	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2004	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2005	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2006	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2007	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2008	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2009	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2010	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2011	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2012	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2013	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2014	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2015	10.0%	10.0%	5.0%	12.1%	10.0%	10.0%	5.0%	12.1%
2016	10.0%	10.0%	5.0%	12.0%	10.0%	10.0%	5.0%	11.9%
2017	12.5%	10.3%	5.0%	11.7%	12.5%	10.3%	5.0%	11.5%
2018	12.5%	10.1%	5.0%	11.7%	12.5%	10.2%	5.0%	11.5%
2019	12.4%	10.1%	5.0%	11.7%	12.3%	10.2%	5.0%	11.5%
prem liab	12.0%	10.1%	5.0%	9.9%	11.9%	10.1%	5.0%	10.1%
	discount rate:			1.44%	discount rate:			1.44%
	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%
2000	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2001	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2002	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2003	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2004	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2005	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2006	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2007	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2008	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2009	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2010	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2011	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2012	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2013	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2014	10.0%	10.0%	5.0%	12.3%	10.0%	10.0%	5.0%	11.0%
2015	10.0%	10.0%	5.0%	12.3%	10.0%	10.0%	5.0%	11.6%
2016	12.5%	10.0%	5.0%	11.8%	12.5%	10.0%	5.0%	11.5%
2017	12.5%	10.1%	5.0%	11.6%	12.5%	10.1%	5.0%	11.4%
2018	12.5%	10.0%	5.0%	11.6%	12.5%	10.2%	5.0%	11.4%
2019	12.3%	10.1%	5.0%	11.6%	12.3%	10.2%	5.0%	11.4%
prem liab	12.0%	10.0%	5.0%	10.0%	11.6%	10.1%	5.0%	10.0%
	discount rate: 1.44%				discount rate: 1.44%			
	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%
2000	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2001	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2002	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2003	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2004	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2005	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2006	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2007	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2008	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2009	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2010	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2011	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2012	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2013	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2014	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2015	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2016	10.0%	10.0%	5.0%	12.1%	10.0%	10.0%	5.0%	11.6%
2017	10.0%	10.0%	5.0%	11.9%	10.0%	10.0%	5.0%	11.5%
2018	12.5%	10.1%	5.0%	11.9%	12.4%	10.1%	5.0%	11.5%
2019	12.2%	10.2%	5.0%	11.9%	12.3%	10.2%	5.0%	11.5%
prem liab	12.1%	10.1%	5.0%	10.8%	11.9%	10.1%	5.0%	10.6%
	discount rate:			1.44%	discount rate:			1.44%
	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%	9.9%	10.0%	9.9%	10.0%	10.0%	10.0%	10.0%
1997	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%
1998	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%
1999	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%
2000	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%
2001	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%
2002	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%
2003	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%
2004	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%
2005	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%
2006	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%
2007	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%
2008	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%
2009	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%
2010	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%
2011	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%
2012	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%
2013	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%	9.9%
2014	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%
2015	10.0%	10.0%	8.3%	12.4%	9.8%	10.0%	10.0%	12.5%
2016	10.0%	10.0%	5.0%	12.4%	10.0%	10.0%	9.2%	12.3%
2017	12.5%	12.5%	8.6%	13.8%	12.5%	12.5%	12.5%	13.3%
2018	12.3%	12.5%	12.5%	13.8%	12.3%	12.5%	10.0%	13.3%
2019	13.8%	15.0%	6.0%	13.8%	13.0%	15.0%	6.2%	13.3%
prem liab	10.2%	15.0%	5.1%	9.5%	12.3%	15.0%	5.3%	11.9%
	discount rate: 1.44%				discount rate: 1.44%			
	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				
Accident Year	Selected Margins for Adverse Development				Third Party Liability	Selected Margins for Adverse Development			TOTAL
	Third Party Liability	Accident Benefits	Other Coverages	TOTAL		Accident Benefits	Other Coverages	TOTAL	
1996	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%	10.0%
1997	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%	10.0%
1998	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%	10.0%
1999	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%	10.0%
2000	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%	10.0%
2001	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%	10.0%
2002	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%	10.0%
2003	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%	10.0%
2004	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%	10.0%
2005	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%	10.0%
2006	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%	10.0%
2007	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%	10.0%
2008	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%	10.0%
2009	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%	10.0%
2010	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%	10.0%
2011	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%	10.0%
2012	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%	10.0%
2013	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%	10.0%
2014	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%	10.0%
2015	10.0%	10.0%	5.0%	12.5%	10.0%	10.0%	5.0%	12.3%	12.3%
2016	10.0%	10.0%	5.0%	12.3%	10.0%	10.0%	5.0%	12.1%	12.1%
2017	12.5%	10.7%	5.0%	11.4%	12.5%	10.3%	5.0%	11.2%	11.2%
2018	12.5%	11.0%	5.0%	11.4%	12.4%	10.5%	5.0%	11.2%	11.2%
2019	12.1%	10.2%	5.0%	11.4%	12.0%	10.4%	5.0%	11.2%	11.2%
prem liab	11.9%	10.6%	5.0%	9.7%	12.0%	10.2%	5.0%	9.9%	9.9%
discount rate:				1.44%	discount rate:				1.44%
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%
2000	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2001	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2002	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2003	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2004	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2005	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2006	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2007	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2008	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2009	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2010	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2011	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2012	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2013	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2014	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2015	10.0%	10.0%	5.0%	12.5%	10.0%	10.0%	5.0%	12.5%
2016	10.0%	10.0%	5.0%	12.1%	10.0%	10.0%	5.0%	12.4%
2017	12.5%	10.0%	5.0%	12.1%	12.5%	12.5%	5.0%	10.8%
2018	12.4%	11.4%	5.0%	12.1%	12.5%	11.7%	5.0%	10.8%
2019	12.3%	10.9%	5.0%	12.1%	11.6%	11.3%	5.0%	10.8%
prem liab	12.0%	10.8%	5.0%	10.4%	11.8%	11.3%	5.0%	9.3%
	discount rate:			1.44%	discount rate:			1.44%
	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%
2000	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2001	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2002	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2003	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2004	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2005	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2006	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2007	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2008	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2009	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2010	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2011	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2012	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2013	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2014	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2015	10.0%	10.0%	5.0%	12.5%	10.0%	10.0%	5.0%	12.5%
2016	10.0%	10.0%	5.0%	12.3%	10.0%	10.0%	5.0%	12.2%
2017	12.5%	11.6%	5.0%	11.4%	12.5%	11.5%	5.0%	11.9%
2018	12.4%	11.7%	5.0%	11.4%	12.3%	11.4%	5.0%	11.9%
2019	12.0%	11.4%	5.0%	11.4%	12.3%	11.2%	5.0%	11.9%
prem liab	11.8%	11.0%	5.0%	9.0%	11.1%	11.1%	5.0%	9.6%
	discount rate:			1.44%	discount rate:			1.44%
	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%
2000	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2001	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2002	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2003	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2004	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2005	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2006	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2007	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2008	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2009	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2010	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2011	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2012	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2013	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2014	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2015	10.0%	10.0%	5.0%	11.4%	10.0%	10.0%	5.0%	12.4%
2016	10.0%	10.0%	5.0%	11.3%	10.0%	10.0%	5.0%	11.3%
2017	11.8%	10.0%	5.0%	11.7%	12.5%	11.1%	5.0%	11.6%
2018	12.3%	10.1%	5.0%	11.7%	12.5%	10.3%	5.0%	11.6%
2019	12.0%	10.7%	5.0%	11.7%	12.1%	10.6%	5.0%	11.6%
prem liab	11.6%	10.0%	5.0%	9.8%	12.4%	10.1%	5.0%	10.5%
	discount rate: 1.44%				discount rate: 1.44%			
	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							
	0.44%	0.94%	1.44%	1.94%	2.44%	2.94%	1.48%	2.29%
2004 & prior	-	-	-	-	-	-	-	-
2005	-	-	-	-	-	-	-	-
2006	-	-	-	-	-	-	-	-
2007	31	30	29	28	28	27	29	28
2008	104	101	98	95	93	90	98	93
2009	92	89	87	84	81	79	86	82
2010	-	-	-	-	-	-	-	-
2011	542	520	499	480	462	444	498	467
2012	1,880	1,854	1,828	1,804	1,780	1,759	1,827	1,787
2013	922	911	901	891	882	873	900	885
2014	2,456	2,427	2,400	2,373	2,348	2,322	2,397	2,355
2015	4,216	4,174	4,131	4,092	4,053	4,017	4,129	4,065
2016	6,696	6,631	6,569	6,507	6,448	6,391	6,563	6,466
2017	7,572	7,496	7,422	7,350	7,280	7,213	7,416	7,301
2018	13,216	13,074	12,936	12,800	12,669	12,540	12,924	12,707
2019	15,261	15,081	14,906	14,736	14,570	14,410	14,893	14,619
Total	52,988	52,388	51,806	51,240	50,694	50,165	51,760	50,855
	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							
	0.44%	0.94%	1.44%	1.94%	2.44%	2.94%	1.48%	2.29%
Total	1,182	582	-	(566)	(1,112)	(1,641)	(46)	(951)
	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							
	0.44%	0.94%	1.44%	1.94%	2.44%	2.94%	1.48%	2.29%
2004 & prior	-	-	-	-	-	-	-	-
2005	-	-	-	-	-	-	-	-
2006	-	-	-	-	-	-	-	-
2007	6.9%	3.4%	-	(3.4%)	(3.4%)	(6.9%)	-	(3.4%)
2008	6.1%	3.1%	-	(3.1%)	(5.1%)	(8.2%)	-	(5.1%)
2009	5.7%	2.3%	-	(3.4%)	(6.9%)	(9.2%)	(1.1%)	(5.7%)
2010	-	-	-	-	-	-	-	-
2011	8.6%	4.2%	-	(3.8%)	(7.4%)	(11.0%)	(0.2%)	(6.4%)
2012	2.8%	1.4%	-	(1.3%)	(2.6%)	(3.8%)	(0.1%)	(2.2%)
2013	2.3%	1.1%	-	(1.1%)	(2.1%)	(3.1%)	(0.1%)	(1.8%)
2014	2.3%	1.1%	-	(1.1%)	(2.2%)	(3.3%)	(0.1%)	(1.9%)
2015	2.1%	1.0%	-	(0.9%)	(1.9%)	(2.8%)	-	(1.6%)
2016	1.9%	0.9%	-	(0.9%)	(1.8%)	(2.7%)	(0.1%)	(1.6%)
2017	2.0%	1.0%	-	(1.0%)	(1.9%)	(2.8%)	(0.1%)	(1.6%)
2018	2.2%	1.1%	-	(1.1%)	(2.1%)	(3.1%)	(0.1%)	(1.8%)
2019	2.4%	1.2%	-	(1.1%)	(2.3%)	(3.3%)	(0.1%)	(1.9%)
Total	2.3%	1.1%	-	(1.1%)	(2.1%)	(3.2%)	(0.1%)	(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							
	0.44%	0.94%	1.44%	1.94%	2.44%	2.94%	1.48%	2.29%
2004 & prior	11	11	11	10	10	10	10	10
2005	-	-	-	-	-	-	-	-
2006	-	-	-	-	-	-	-	-
2007	-	-	-	-	-	-	-	-
2008	62	60	57	56	54	53	57	55
2009	327	322	316	311	305	300	316	307
2010	642	630	619	608	597	587	617	600
2011	182	179	177	174	171	169	177	172
2012	712	702	692	683	674	665	692	676
2013	2,611	2,576	2,542	2,510	2,480	2,450	2,540	2,488
2014	558	552	547	541	536	531	547	538
2015	3,879	3,844	3,810	3,777	3,744	3,713	3,807	3,754
2016	3,881	3,841	3,802	3,763	3,725	3,689	3,798	3,737
2017	5,337	5,268	5,201	5,136	5,073	5,011	5,196	5,091
2018	8,340	8,211	8,086	7,966	7,848	7,734	8,077	7,883
2019	11,613	11,419	11,232	11,049	10,874	10,702	11,216	10,926
Total	38,155	37,615	37,092	36,584	36,091	35,614	37,050	36,237
	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							
	0.44%	0.94%	1.44%	1.94%	2.44%	2.94%	1.48%	2.29%
Total	1,063	523	-	(508)	(1,001)	(1,478)	(42)	(855)
	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							
	0.44%	0.94%	1.44%	1.94%	2.44%	2.94%	1.48%	2.29%
2004 & prior	-	-	-	(9.1%)	(9.1%)	(9.1%)	(9.1%)	(9.1%)
2005	-	-	-	-	-	-	-	-
2006	-	-	-	-	-	-	-	-
2007	-	-	-	-	-	-	-	-
2008	8.8%	5.3%	-	(1.8%)	(5.3%)	(7.0%)	-	(3.5%)
2009	3.5%	1.9%	-	(1.6%)	(3.5%)	(5.1%)	-	(2.8%)
2010	3.7%	1.8%	-	(1.8%)	(3.6%)	(5.2%)	(0.3%)	(3.1%)
2011	2.8%	1.1%	-	(1.7%)	(3.4%)	(4.5%)	-	(2.8%)
2012	2.9%	1.4%	-	(1.3%)	(2.6%)	(3.9%)	-	(2.3%)
2013	2.7%	1.3%	-	(1.3%)	(2.4%)	(3.6%)	(0.1%)	(2.1%)
2014	2.0%	0.9%	-	(1.1%)	(2.0%)	(2.9%)	-	(1.6%)
2015	1.8%	0.9%	-	(0.9%)	(1.7%)	(2.5%)	(0.1%)	(1.5%)
2016	2.1%	1.0%	-	(1.0%)	(2.0%)	(3.0%)	(0.1%)	(1.7%)
2017	2.6%	1.3%	-	(1.2%)	(2.5%)	(3.7%)	(0.1%)	(2.1%)
2018	3.1%	1.5%	-	(1.5%)	(2.9%)	(4.4%)	(0.1%)	(2.5%)
2019	3.4%	1.7%	-	(1.6%)	(3.2%)	(4.7%)	(0.1%)	(2.7%)
Total	2.9%	1.4%	-	(1.4%)	(2.7%)	(4.0%)	(0.1%)	(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 3 of 10

NOVA SCOTIA

Amounts in \$000s

AY	Actuarial Present Value of Provisions at Various Discount Rates - Dec. 31, 2019 projected Unpaid							
	0.44%	0.94%	1.44%	1.94%	2.44%	2.94%	1.48%	2.29%
2004 & prior	16	16	16	15	15	15	16	15
2005	90	88	86	84	82	80	86	82
2006	-	-	-	-	-	-	-	-
2007	110	109	108	107	106	105	108	106
2008	-	-	-	-	-	-	-	-
2009	254	245	237	229	221	214	236	224
2010	89	86	83	80	78	75	83	79
2011	7	7	7	7	7	6	7	7
2012	191	187	184	180	177	175	184	178
2013	1,206	1,186	1,168	1,150	1,133	1,116	1,166	1,137
2014	1,967	1,945	1,924	1,903	1,883	1,864	1,923	1,889
2015	1,115	1,104	1,093	1,083	1,073	1,063	1,092	1,076
2016	2,811	2,782	2,753	2,725	2,698	2,672	2,751	2,707
2017	4,648	4,593	4,540	4,489	4,440	4,392	4,537	4,455
2018	7,590	7,493	7,398	7,306	7,217	7,130	7,390	7,244
2019	12,849	12,668	12,494	12,325	12,161	12,002	12,481	12,210
Total	32,943	32,509	32,091	31,683	31,291	30,909	32,060	31,409
	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							
	0.44%	0.94%	1.44%	1.94%	2.44%	2.94%	1.48%	2.29%
Total	852	418	-	(408)	(800)	(1,182)	(31)	(682)
	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							
	0.44%	0.94%	1.44%	1.94%	2.44%	2.94%	1.48%	2.29%
2004 & prior	-	-	-	(6.3%)	(6.3%)	(6.3%)	-	(6.3%)
2005	4.7%	2.3%	-	(2.3%)	(4.7%)	(7.0%)	-	(4.7%)
2006	-	-	-	-	-	-	-	-
2007	1.9%	0.9%	-	(0.9%)	(1.9%)	(2.8%)	-	(1.9%)
2008	-	-	-	-	-	-	-	-
2009	7.2%	3.4%	-	(3.4%)	(6.8%)	(9.7%)	(0.4%)	(5.5%)
2010	7.2%	3.6%	-	(3.6%)	(6.0%)	(9.6%)	-	(4.8%)
2011	-	-	-	-	-	(14.3%)	-	-
2012	3.8%	1.6%	-	(2.2%)	(3.8%)	(4.9%)	-	(3.3%)
2013	3.3%	1.5%	-	(1.5%)	(3.0%)	(4.5%)	(0.2%)	(2.7%)
2014	2.2%	1.1%	-	(1.1%)	(2.1%)	(3.1%)	(0.1%)	(1.8%)
2015	2.0%	1.0%	-	(0.9%)	(1.8%)	(2.7%)	(0.1%)	(1.6%)
2016	2.1%	1.1%	-	(1.0%)	(2.0%)	(2.9%)	(0.1%)	(1.7%)
2017	2.4%	1.2%	-	(1.1%)	(2.2%)	(3.3%)	(0.1%)	(1.9%)
2018	2.6%	1.3%	-	(1.2%)	(2.4%)	(3.6%)	(0.1%)	(2.1%)
2019	2.8%	1.4%	-	(1.4%)	(2.7%)	(3.9%)	(0.1%)	(2.3%)
Total	2.7%	1.3%	-	(1.3%)	(2.5%)	(3.7%)	(0.1%)	(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 4 of 10

PRINCE EDWARD ISLAND

Amounts in \$000s

AY	Actuarial Present Value of Provisions at Various Discount Rates - Dec. 31, 2019 projected Unpaid							
	0.44%	0.94%	1.44%	1.94%	2.44%	2.94%	1.48%	2.29%
2004 & prior	-	-	-	-	-	-	-	-
2005	-	-	-	-	-	-	-	-
2006	-	-	-	-	-	-	-	-
2007	-	-	-	-	-	-	-	-
2008	-	-	-	-	-	-	-	-
2009	-	-	-	-	-	-	-	-
2010	483	465	448	431	416	401	446	420
2011	-	-	-	-	-	-	-	-
2012	336	322	308	295	283	272	307	287
2013	49	48	47	46	45	44	47	46
2014	44	43	41	40	39	38	41	39
2015	898	886	875	865	855	846	874	858
2016	1,233	1,216	1,199	1,183	1,169	1,154	1,198	1,173
2017	1,520	1,504	1,487	1,472	1,458	1,444	1,487	1,462
2018	2,433	2,405	2,378	2,352	2,327	2,302	2,375	2,334
2019	2,014	1,989	1,964	1,941	1,920	1,897	1,963	1,926
Total	9,010	8,878	8,747	8,625	8,512	8,398	8,738	8,545
	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							
	0.44%	0.94%	1.44%	1.94%	2.44%	2.94%	1.48%	2.29%
Total	263	131	-	(122)	(235)	(349)	(9)	(202)
	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							
	0.44%	0.94%	1.44%	1.94%	2.44%	2.94%	1.48%	2.29%
2004 & prior	-	-	-	-	-	-	-	-
2005	-	-	-	-	-	-	-	-
2006	-	-	-	-	-	-	-	-
2007	-	-	-	-	-	-	-	-
2008	-	-	-	-	-	-	-	-
2009	-	-	-	-	-	-	-	-
2010	7.8%	3.8%	-	(3.8%)	(7.1%)	(10.5%)	(0.4%)	(6.3%)
2011	-	-	-	-	-	-	-	-
2012	9.1%	4.5%	-	(4.2%)	(8.1%)	(11.7%)	(0.3%)	(6.8%)
2013	4.3%	2.1%	-	(2.1%)	(4.3%)	(6.4%)	-	(2.1%)
2014	7.3%	4.9%	-	(2.4%)	(4.9%)	(7.3%)	-	(4.9%)
2015	2.6%	1.3%	-	(1.1%)	(2.3%)	(3.3%)	(0.1%)	(1.9%)
2016	2.8%	1.4%	-	(1.3%)	(2.5%)	(3.8%)	(0.1%)	(2.2%)
2017	2.2%	1.1%	-	(1.0%)	(2.0%)	(2.9%)	-	(1.7%)
2018	2.3%	1.1%	-	(1.1%)	(2.1%)	(3.2%)	(0.1%)	(1.9%)
2019	2.5%	1.3%	-	(1.2%)	(2.2%)	(3.4%)	(0.1%)	(1.9%)
Total	3.0%	1.5%	-	(1.4%)	(2.7%)	(4.0%)	(0.1%)	(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

Actuarial Present Value of Provisions at Various Discount Rates - Dec. 31, 2019 projected Unpaid								
AY	0.44%	0.94%	1.44%	1.94%	2.44%	2.94%	1.48%	2.29%
2004 & prior	6,181	6,091	6,004	5,917	5,837	5,754	5,997	5,861
2005	9	9	8	8	8	8	8	8
2006	415	403	393	382	372	362	391	375
2007	2,523	2,445	2,371	2,300	2,233	2,168	2,365	2,252
2008	593	574	556	539	522	507	555	528
2009	2,488	2,408	2,333	2,262	2,194	2,129	2,327	2,214
2010	992	970	948	928	908	890	946	914
2011	2,433	2,369	2,310	2,253	2,199	2,148	2,305	2,215
2012	1,887	1,852	1,819	1,787	1,758	1,729	1,817	1,766
2013	5,051	4,961	4,877	4,797	4,720	4,647	4,870	4,742
2014	4,654	4,593	4,534	4,478	4,423	4,372	4,529	4,439
2015	8,038	7,951	7,867	7,786	7,708	7,632	7,861	7,731
2016	7,165	7,089	7,016	6,945	6,877	6,810	7,011	6,897
2017	8,248	8,147	8,048	7,953	7,860	7,770	8,040	7,887
2018	17,289	17,047	16,813	16,587	16,367	16,152	16,795	16,432
2019	37,941	37,382	36,841	36,315	35,807	35,310	36,797	35,958
Total	105,907	104,291	102,738	101,237	99,793	98,388	102,614	100,219
	curr - 100 bp	curr - 50 bp	curr val assumption	curr + 50bp	curr + 100bp	curr + 150bp	prior val assumption	prior fyr end assumption

Amounts in

Dollar Impact Relative to Valuation Assumption								
AY	0.44%	0.94%	1.44%	1.94%	2.44%	2.94%	1.48%	2.29%
Total	3,169	1,553	-	(1,501)	(2,945)	(4,350)	(124)	(2,519)
	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	0.44%	0.94%	1.44%	1.94%	2.44%	2.94%	1.48%	2.29%
2004 & prior	2.9%	1.4%	-	(1.4%)	(2.8%)	(4.2%)	(0.1%)	(2.4%)
2005	12.5%	12.5%	-	-	-	-	-	-
2006	5.6%	2.5%	-	(2.8%)	(5.3%)	(7.9%)	(0.5%)	(4.6%)
2007	6.4%	3.1%	-	(3.0%)	(5.8%)	(8.6%)	(0.3%)	(5.0%)
2008	6.7%	3.2%	-	(3.1%)	(6.1%)	(8.8%)	(0.2%)	(5.0%)
2009	6.6%	3.2%	-	(3.0%)	(6.0%)	(8.7%)	(0.3%)	(5.1%)
2010	4.6%	2.3%	-	(2.1%)	(4.2%)	(6.1%)	(0.2%)	(3.6%)
2011	5.3%	2.6%	-	(2.5%)	(4.8%)	(7.0%)	(0.2%)	(4.1%)
2012	3.7%	1.8%	-	(1.8%)	(3.4%)	(4.9%)	(0.1%)	(2.9%)
2013	3.6%	1.7%	-	(1.6%)	(3.2%)	(4.7%)	(0.1%)	(2.8%)
2014	2.6%	1.3%	-	(1.2%)	(2.4%)	(3.6%)	(0.1%)	(2.1%)
2015	2.2%	1.1%	-	(1.0%)	(2.0%)	(3.0%)	(0.1%)	(1.7%)
2016	2.1%	1.0%	-	(1.0%)	(2.0%)	(2.9%)	(0.1%)	(1.7%)
2017	2.5%	1.2%	-	(1.2%)	(2.3%)	(3.5%)	(0.1%)	(2.0%)
2018	2.8%	1.4%	-	(1.3%)	(2.7%)	(3.9%)	(0.1%)	(2.3%)
2019	3.0%	1.5%	-	(1.4%)	(2.8%)	(4.2%)	(0.1%)	(2.4%)
Total	3.1%	1.5%	-	(1.5%)	(2.9%)	(4.2%)	(0.1%)	(2.5%)
	curr - 100 bp	curr - 50 bp	curr val assumption	curr + 50bp	curr + 100bp	curr + 150bp	prior val assumption	prior fyr end assumption

EXHIBIT F

Interest Rate Sensitivity (\$000s)

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

page 6 of 10

ALBERTA

Amounts in \$000s

AY	Actuarial Present Value of Provisions at Various Discount Rates - Dec. 31, 2019 projected Unpaid							
	0.44%	0.94%	1.44%	1.94%	2.44%	2.94%	1.48%	2.29%
2004 & prior	87	85	83	82	80	78	83	80
2005	112	109	106	103	101	98	106	102
2006	5	5	5	5	5	5	5	5
2007	37	37	36	36	35	35	36	36
2008	594	576	559	542	527	512	557	531
2009	53	51	49	48	46	45	49	47
2010	5	5	5	5	5	5	5	5
2011	1,715	1,684	1,655	1,627	1,601	1,577	1,653	1,609
2012	1,530	1,506	1,481	1,458	1,435	1,414	1,479	1,443
2013	3,960	3,903	3,850	3,798	3,748	3,700	3,845	3,763
2014	2,989	2,962	2,936	2,911	2,887	2,863	2,933	2,894
2015	7,454	7,379	7,306	7,235	7,167	7,100	7,300	7,187
2016	11,680	11,542	11,407	11,274	11,148	11,022	11,396	11,185
2017	13,154	12,988	12,827	12,670	12,518	12,370	12,815	12,563
2018	24,094	23,736	23,390	23,056	22,729	22,411	23,364	22,826
2019	35,608	35,107	34,620	34,147	33,693	33,249	34,581	33,829
Total	103,077	101,675	100,315	98,997	97,725	96,484	100,207	98,105
	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							
	0.44%	0.94%	1.44%	1.94%	2.44%	2.94%	1.48%	2.29%
Total	2,762	1,360	-	(1,318)	(2,590)	(3,831)	(108)	(2,210)
	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							
	0.44%	0.94%	1.44%	1.94%	2.44%	2.94%	1.48%	2.29%
2004 & prior	4.8%	2.4%	-	(1.2%)	(3.6%)	(6.0%)	-	(3.6%)
2005	5.7%	2.8%	-	(2.8%)	(4.7%)	(7.5%)	-	(3.8%)
2006	-	-	-	-	-	-	-	-
2007	2.8%	2.8%	-	-	(2.8%)	(2.8%)	-	-
2008	6.3%	3.0%	-	(3.0%)	(5.7%)	(8.4%)	(0.4%)	(5.0%)
2009	8.2%	4.1%	-	(2.0%)	(6.1%)	(8.2%)	-	(4.1%)
2010	-	-	-	-	-	-	-	-
2011	3.6%	1.8%	-	(1.7%)	(3.3%)	(4.7%)	(0.1%)	(2.8%)
2012	3.3%	1.7%	-	(1.6%)	(3.1%)	(4.5%)	(0.1%)	(2.6%)
2013	2.9%	1.4%	-	(1.4%)	(2.6%)	(3.9%)	(0.1%)	(2.3%)
2014	1.8%	0.9%	-	(0.9%)	(1.7%)	(2.5%)	(0.1%)	(1.4%)
2015	2.0%	1.0%	-	(1.0%)	(1.9%)	(2.8%)	(0.1%)	(1.6%)
2016	2.4%	1.2%	-	(1.2%)	(2.3%)	(3.4%)	(0.1%)	(1.9%)
2017	2.5%	1.3%	-	(1.2%)	(2.4%)	(3.6%)	(0.1%)	(2.1%)
2018	3.0%	1.5%	-	(1.4%)	(2.8%)	(4.2%)	(0.1%)	(2.4%)
2019	2.9%	1.4%	-	(1.4%)	(2.7%)	(4.0%)	(0.1%)	(2.3%)
Total	2.8%	1.4%	-	(1.3%)	(2.6%)	(3.8%)	(0.1%)	(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 7 of 10

YUKON

Amounts in \$000s

AY	Actuarial Present Value of Provisions at Various Discount Rates - Dec. 31, 2019 projected Unpaid							
	0.44%	0.94%	1.44%	1.94%	2.44%	2.94%	1.48%	2.29%
2004 & prior	-	-	-	-	-	-	-	-
2005	-	-	-	-	-	-	-	-
2006	-	-	-	-	-	-	-	-
2007	-	-	-	-	-	-	-	-
2008	-	-	-	-	-	-	-	-
2009	-	-	-	-	-	-	-	-
2010	47	45	43	42	40	39	43	41
2011	1	1	1	1	1	1	1	1
2012	3	3	3	3	3	3	3	3
2013	8	8	8	8	8	8	8	8
2014	18	18	18	18	18	18	18	18
2015	55	54	54	53	52	52	54	53
2016	92	91	90	88	88	87	90	88
2017	1,059	1,044	1,030	1,017	1,003	991	1,029	1,008
2018	1,028	1,013	998	984	970	956	997	974
2019	648	640	631	623	616	608	631	617
Total	2,959	2,917	2,876	2,837	2,799	2,763	2,874	2,811
	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							
	0.44%	0.94%	1.44%	1.94%	2.44%	2.94%	1.48%	2.29%
Total	83	41	-	(39)	(77)	(113)	(2)	(65)
	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							
	0.44%	0.94%	1.44%	1.94%	2.44%	2.94%	1.48%	2.29%
2004 & prior	-	-	-	-	-	-	-	-
2005	-	-	-	-	-	-	-	-
2006	-	-	-	-	-	-	-	-
2007	-	-	-	-	-	-	-	-
2008	-	-	-	-	-	-	-	-
2009	-	-	-	-	-	-	-	-
2010	9.3%	4.7%	-	(2.3%)	(7.0%)	(9.3%)	-	(4.7%)
2011	-	-	-	-	-	-	-	-
2012	-	-	-	-	-	-	-	-
2013	-	-	-	-	-	-	-	-
2014	-	-	-	-	-	-	-	-
2015	1.9%	-	-	(1.9%)	(3.7%)	(3.7%)	-	(1.9%)
2016	2.2%	1.1%	-	(2.2%)	(2.2%)	(3.3%)	-	(2.2%)
2017	2.8%	1.4%	-	(1.3%)	(2.6%)	(3.8%)	(0.1%)	(2.1%)
2018	3.0%	1.5%	-	(1.4%)	(2.8%)	(4.2%)	(0.1%)	(2.4%)
2019	2.7%	1.4%	-	(1.3%)	(2.4%)	(3.6%)	-	(2.2%)
Total	2.9%	1.4%	-	(1.4%)	(2.7%)	(3.9%)	(0.1%)	(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 8 of 10

NORTHWEST TERRITORIES

Amounts in \$000s

AY	Actuarial Present Value of Provisions at Various Discount Rates - Dec. 31, 2019 projected Unpaid							
	0.44%	0.94%	1.44%	1.94%	2.44%	2.94%	1.48%	2.29%
2004 & prior	-	-	-	-	-	-	-	-
2005	-	-	-	-	-	-	-	-
2006	-	-	-	-	-	-	-	-
2007	-	-	-	-	-	-	-	-
2008	-	-	-	-	-	-	-	-
2009	-	-	-	-	-	-	-	-
2010	-	-	-	-	-	-	-	-
2011	-	-	-	-	-	-	-	-
2012	4	4	4	4	4	4	4	4
2013	384	380	376	372	368	364	375	369
2014	37	37	37	37	35	35	37	35
2015	72	71	70	70	69	69	70	69
2016	165	163	160	158	157	155	160	158
2017	885	874	862	850	840	829	861	843
2018	810	798	787	775	765	754	786	768
2019	1,274	1,255	1,237	1,219	1,200	1,184	1,235	1,206
Total	3,631	3,582	3,533	3,485	3,438	3,394	3,528	3,452
	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							
	0.44%	0.94%	1.44%	1.94%	2.44%	2.94%	1.48%	2.29%
Total	98	49	-	(48)	(95)	(139)	(5)	(81)
	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							
	0.44%	0.94%	1.44%	1.94%	2.44%	2.94%	1.48%	2.29%
2004 & prior	-	-	-	-	-	-	-	-
2005	-	-	-	-	-	-	-	-
2006	-	-	-	-	-	-	-	-
2007	-	-	-	-	-	-	-	-
2008	-	-	-	-	-	-	-	-
2009	-	-	-	-	-	-	-	-
2010	-	-	-	-	-	-	-	-
2011	-	-	-	-	-	-	-	-
2012	-	-	-	-	-	-	-	-
2013	2.1%	1.1%	-	(1.1%)	(2.1%)	(3.2%)	(0.3%)	(1.9%)
2014	-	-	-	-	(5.4%)	(5.4%)	-	(5.4%)
2015	2.9%	1.4%	-	-	(1.4%)	(1.4%)	-	(1.4%)
2016	3.1%	1.9%	-	(1.3%)	(1.9%)	(3.1%)	-	(1.3%)
2017	2.7%	1.4%	-	(1.4%)	(2.6%)	(3.8%)	(0.1%)	(2.2%)
2018	2.9%	1.4%	-	(1.5%)	(2.8%)	(4.2%)	(0.1%)	(2.4%)
2019	3.0%	1.5%	-	(1.5%)	(3.0%)	(4.3%)	(0.2%)	(2.5%)
Total	2.8%	1.4%	-	(1.4%)	(2.7%)	(3.9%)	(0.1%)	(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 9 of 10

NUNAVUT

Amounts in \$000s

AY	Actuarial Present Value of Provisions at Various Discount Rates - Dec. 31, 2019 projected Unpaid							
	0.44%	0.94%	1.44%	1.94%	2.44%	2.94%	1.48%	2.29%
2004 & prior	-	-	-	-	-	-	-	-
2005	-	-	-	-	-	-	-	-
2006	-	-	-	-	-	-	-	-
2007	-	-	-	-	-	-	-	-
2008	-	-	-	-	-	-	-	-
2009	-	-	-	-	-	-	-	-
2010	-	-	-	-	-	-	-	-
2011	-	-	-	-	-	-	-	-
2012	154	153	152	150	149	148	152	150
2013	8	8	8	8	8	8	8	8
2014	152	151	151	150	150	150	151	150
2015	98	97	96	95	95	94	96	95
2016	57	57	56	55	55	54	56	55
2017	123	120	119	117	116	115	119	117
2018	213	211	208	205	202	200	208	203
2019	260	255	252	247	244	240	252	245
Total	1,065	1,052	1,042	1,027	1,019	1,009	1,042	1,023
	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							
	0.44%	0.94%	1.44%	1.94%	2.44%	2.94%	1.48%	2.29%
Total	23	10	-	(15)	(23)	(33)	-	(19)
	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							
	0.44%	0.94%	1.44%	1.94%	2.44%	2.94%	1.48%	2.29%
2004 & prior	-	-	-	-	-	-	-	-
2005	-	-	-	-	-	-	-	-
2006	-	-	-	-	-	-	-	-
2007	-	-	-	-	-	-	-	-
2008	-	-	-	-	-	-	-	-
2009	-	-	-	-	-	-	-	-
2010	-	-	-	-	-	-	-	-
2011	-	-	-	-	-	-	-	-
2012	1.3%	0.7%	-	(1.3%)	(2.0%)	(2.6%)	-	(1.3%)
2013	-	-	-	-	-	-	-	-
2014	0.7%	-	-	(0.7%)	(0.7%)	(0.7%)	-	(0.7%)
2015	2.1%	1.0%	-	(1.0%)	(1.0%)	(2.1%)	-	(1.0%)
2016	1.8%	1.8%	-	(1.8%)	(1.8%)	(3.6%)	-	(1.8%)
2017	3.4%	0.8%	-	(1.7%)	(2.5%)	(3.4%)	-	(1.7%)
2018	2.4%	1.4%	-	(1.4%)	(2.9%)	(3.8%)	-	(2.4%)
2019	3.2%	1.2%	-	(2.0%)	(3.2%)	(4.8%)	-	(2.8%)
Total	2.2%	1.0%	-	(1.4%)	(2.2%)	(3.2%)	-	(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 10 of 10

ALL JURISDICTIONS COMBINED

Amounts in \$000s

Actuarial Present Value of Provisions at Various Discount Rates - Dec. 31, 2019 projected Unpaid								
AY	0.44%	0.94%	1.44%	1.94%	2.44%	2.94%	1.48%	2.29%
2004 & prior	6,295	6,203	6,114	6,024	5,942	5,857	6,106	5,966
2005	211	206	200	195	191	186	200	192
2006	420	408	398	387	377	367	396	380
2007	2,701	2,621	2,544	2,471	2,402	2,335	2,538	2,422
2008	1,353	1,311	1,270	1,232	1,196	1,162	1,267	1,207
2009	3,214	3,115	3,022	2,934	2,847	2,767	3,014	2,874
2010	2,258	2,201	2,146	2,094	2,044	1,997	2,140	2,059
2011	4,880	4,760	4,649	4,542	4,441	4,345	4,641	4,471
2012	6,697	6,583	6,471	6,364	6,263	6,169	6,465	6,294
2013	14,199	13,981	13,777	13,580	13,392	13,210	13,759	13,446
2014	12,875	12,728	12,588	12,451	12,319	12,193	12,576	12,357
2015	25,825	25,560	25,302	25,056	24,816	24,586	25,283	24,888
2016	33,780	33,412	33,052	32,698	32,365	32,034	33,023	32,466
2017	42,546	42,034	41,536	41,054	40,588	40,135	41,500	40,727
2018	75,013	73,988	72,994	72,031	71,094	70,179	72,916	71,371
2019	117,468	115,796	114,177	112,602	111,085	109,602	114,049	111,536
Total	349,735	344,907	340,240	335,715	331,362	327,124	339,873	332,656
	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	0.44%	0.94%	1.44%	1.94%	2.44%	2.94%	1.48%	2.29%
Total	9,495	4,667	-	(4,525)	(8,878)	(13,116)	(367)	(7,584)
	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	0.44%	0.94%	1.44%	1.94%	2.44%	2.94%	1.48%	2.29%
2004 & prior	3.0%	1.5%	-	(1.5%)	(2.8%)	(4.2%)	(0.1%)	(2.4%)
2005	5.5%	3.0%	-	(2.5%)	(4.5%)	(7.0%)	-	(4.0%)
2006	5.5%	2.5%	-	(2.8%)	(5.3%)	(7.8%)	(0.5%)	(4.5%)
2007	6.2%	3.0%	-	(2.9%)	(5.6%)	(8.2%)	(0.2%)	(4.8%)
2008	6.5%	3.2%	-	(3.0%)	(5.8%)	(8.5%)	(0.2%)	(5.0%)
2009	6.4%	3.1%	-	(2.9%)	(5.8%)	(8.4%)	(0.3%)	(4.9%)
2010	5.2%	2.6%	-	(2.4%)	(4.8%)	(6.9%)	(0.3%)	(4.1%)
2011	5.0%	2.4%	-	(2.3%)	(4.5%)	(6.5%)	(0.2%)	(3.8%)
2012	3.5%	1.7%	-	(1.7%)	(3.2%)	(4.7%)	(0.1%)	(2.7%)
2013	3.1%	1.5%	-	(1.4%)	(2.8%)	(4.1%)	(0.1%)	(2.4%)
2014	2.3%	1.1%	-	(1.1%)	(2.1%)	(3.1%)	(0.1%)	(1.8%)
2015	2.1%	1.0%	-	(1.0%)	(1.9%)	(2.8%)	(0.1%)	(1.6%)
2016	2.2%	1.1%	-	(1.1%)	(2.1%)	(3.1%)	(0.1%)	(1.8%)
2017	2.4%	1.2%	-	(1.2%)	(2.3%)	(3.4%)	(0.1%)	(1.9%)
2018	2.8%	1.4%	-	(1.3%)	(2.6%)	(3.9%)	(0.1%)	(2.2%)
2019	2.9%	1.4%	-	(1.4%)	(2.7%)	(4.0%)	(0.1%)	(2.3%)
Total	2.8%	1.4%	-	(1.3%)	(2.6%)	(3.9%)	(0.1%)	(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 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	(5)	-	-	2	2	(40.0%)	(3)
	2010	26	-	-	(32)	(32)	(123.1%)	(6)
	2011	(5)	1	(1)	1	1	(20.0%)	(4)
	2012	82	(2)	14	43	55	67.1%	137
	2013	64	1	(22)	23	2	3.1%	66
	2014	106	(1)	(156)	88	(69)	(65.1%)	37
	2015	(82)	24	(23)	345	346	(422.0%)	264
	2016	35	18	(75)	380	323	922.9%	358
	2017	1,165	(94)	80	(37)	(51)	(4.4%)	1,114
	2018	493	(267)	126	1,920	1,779	360.9%	2,272
	2019	564	106	167	(83)	190	33.7%	754
Private Passenger Total		2,443	(214)	110	2,650	2,546	104.2%	4,989
Non Private Passenger								
	prior	6	-	-	-	-	-	6
	2010	2	-	-	-	-	-	2
	2011	4	-	-	(5)	(5)	(125.0%)	(1)
	2012	24	-	-	(20)	(20)	(83.3%)	4
	2013	245	(2)	28	(242)	(216)	(88.2%)	29
	2014	(11)	-	-	6	6	(54.5%)	(5)
	2015	411	(7)	3	(301)	(305)	(74.2%)	106
	2016	313	(18)	36	(111)	(93)	(29.7%)	220
	2017	668	(10)	(25)	(79)	(114)	(17.1%)	554
	2018	1,076	(83)	105	(198)	(176)	(16.4%)	900
	2019	1,086	76	308	186	570	52.5%	1,656
Non Private Passenger Total		3,824	(44)	455	(764)	(353)	(9.2%)	3,471
Grand Total		6,267	(258)	565	1,886	2,193	35.0%	8,460

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	41	-	-	(26)	(26)	(63.4%)	15
	2010	55	(2)	(22)	11	(13)	(23.6%)	42
	2011	145	(6)	6	(50)	(50)	(34.5%)	95
	2012	138	(4)	4	(33)	(33)	(23.9%)	105
	2013	253	(9)	5	(90)	(94)	(37.2%)	159
	2014	545	(18)	18	(378)	(378)	(69.4%)	167
	2015	296	(6)	126	92	212	71.6%	508
	2016	995	(13)	(40)	(426)	(479)	(48.1%)	516
	2017	3,145	(35)	25	(654)	(664)	(21.1%)	2,481
	2018	4,098	(190)	269	(652)	(573)	(14.0%)	3,525
	2019	2,849	416	138	(65)	489	17.2%	3,338
Private Passenger Total		12,560	133	529	(2,271)	(1,609)	(12.8%)	10,951
Non Private Passenger								
	prior	22	(3)	3	(22)	(22)	(100.0%)	-
	2010	18	-	-	1	1	5.6%	19
	2011	171	(10)	(59)	(159)	(228)	(133.3%)	(57)
	2012	73	(3)	3	2	2	2.7%	75
	2013	167	(4)	3	341	340	203.6%	507
	2014	258	(14)	14	(9)	(9)	(3.5%)	249
	2015	73	(1)	3	132	134	183.6%	207
	2016	511	(29)	27	(107)	(109)	(21.3%)	402
	2017	838	(48)	11	(222)	(259)	(30.9%)	579
	2018	789	(42)	(23)	202	137	17.4%	926
	2019	1,169	235	(2)	112	345	29.5%	1,514
Non Private Passenger Total		4,089	81	(20)	271	332	8.1%	4,421
Grand Total		16,649	214	509	(2,000)	(1,277)	(7.7%)	15,372

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 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	99	(2)	2	27	27	27.3%	126
	2010	9	-	-	-	-	-	9
	2011	6	-	-	-	-	-	6
	2012	(20)	-	(42)	19	(23)	115.0%	(43)
	2013	17	-	-	(34)	(34)	(200.0%)	(17)
	2014	(56)	-	(38)	14	(24)	42.9%	(80)
	2015	73	(2)	-	(10)	(12)	(16.4%)	61
	2016	567	(7)	7	(130)	(130)	(22.9%)	437
	2017	1,527	(15)	32	(369)	(352)	(23.1%)	1,175
	2018	2,386	(63)	(1)	(559)	(623)	(26.1%)	1,763
	2019	2,599	430	(25)	(193)	212	8.2%	2,811
Private Passenger Total		7,207	341	(65)	(1,235)	(959)	(13.3%)	6,248
Non Private Passenger	prior	-	-	-	-	-	-	-
	2010	(2)	-	1	-	1	(50.0%)	(1)
	2011	(5)	-	-	-	-	-	(5)
	2012	-	-	(1)	-	(1)	100.0%	(1)
	2013	91	(1)	1	(1)	(1)	(1.1%)	90
	2014	440	(4)	(56)	(17)	(77)	(17.5%)	363
	2015	438	(4)	1	(242)	(245)	(55.9%)	193
	2016	565	(8)	252	(320)	(76)	(13.5%)	489
	2017	1,262	(50)	22	(260)	(288)	(22.8%)	974
	2018	2,326	(64)	1	(254)	(317)	(13.6%)	2,009
	2019	2,016	255	110	(117)	248	12.3%	2,264
Non Private Passenger Total		7,131	124	331	(1,211)	(756)	(10.6%)	6,375
Grand Total		14,338	465	266	(2,446)	(1,715)	(12.0%)	12,623

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 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	(5)	-	-	-	-	-	(5)
	2010	(2)	(1)	(92)	-	(93)	4,650.0%	(95)
	2011	(1)	-	-	-	-	-	(1)
	2012	-	-	-	-	-	-	-
	2013	(2)	-	-	-	-	-	(2)
	2014	163	(9)	(12)	(163)	(184)	(112.9%)	(21)
	2015	94	(2)	2	(12)	(12)	(12.8%)	82
	2016	369	(17)	15	(225)	(227)	(61.5%)	142
	2017	220	(8)	9	(23)	(22)	(10.0%)	198
	2018	546	(25)	60	(81)	(46)	(8.4%)	500
	2019	411	12	28	9	49	11.9%	460
Private Passenger Total		1,793	(50)	10	(495)	(535)	(29.8%)	1,258
Non Private Passenger	prior	(1)	-	-	-	-	-	(1)
	2010	6	-	-	(7)	(7)	(116.7%)	(1)
	2011	1	-	-	-	-	-	1
	2012	(4)	-	-	-	-	-	(4)
	2013	3	-	-	-	-	-	3
	2014	7	-	-	-	-	-	7
	2015	84	(1)	1	(40)	(40)	(47.6%)	44
	2016	298	(4)	5	(68)	(67)	(22.5%)	231
	2017	676	(7)	7	(107)	(107)	(15.8%)	569
	2018	744	(9)	(41)	(72)	(122)	(16.4%)	622
	2019	524	70	111	13	194	37.0%	718
Non Private Passenger Total		2,338	49	83	(281)	(149)	(6.4%)	2,189
Grand Total		4,131	(1)	93	(776)	(684)	(16.6%)	3,447

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 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	455	(6)	40	19	53	11.6%	508
	2010	646	(7)	(2)	(414)	(423)	(65.5%)	223
	2011	139	(2)	1	6	5	3.6%	144
	2012	26	(1)	-	82	81	311.5%	107
	2013	45	(1)	(99)	(5)	(105)	(233.3%)	(60)
	2014	(57)	(2)	(30)	315	283	(496.5%)	226
	2015	(377)	18	(67)	(55)	(104)	27.6%	(481)
	2016	858	(29)	102	(295)	(222)	(25.9%)	636
	2017	2,223	(87)	70	(802)	(819)	(36.8%)	1,404
	2018	2,985	(116)	228	(348)	(236)	(7.9%)	2,749
	2019	3,276	625	(661)	344	308	9.4%	3,584
Private Passenger Total		10,219	392	(418)	(1,153)	(1,179)	(11.5%)	9,040
Non Private Passenger								
	prior	135	(1)	1	(29)	(29)	(21.5%)	106
	2010	42	(1)	1	(32)	(32)	(76.2%)	10
	2011	185	(2)	1	(94)	(95)	(51.4%)	90
	2012	419	(4)	4	(159)	(159)	(37.9%)	260
	2013	509	(4)	53	(160)	(111)	(21.8%)	398
	2014	453	(6)	-	(101)	(107)	(23.6%)	346
	2015	1,166	(40)	(1,227)	163	(1,104)	(94.7%)	62
	2016	2,397	(84)	(119)	(807)	(1,010)	(42.1%)	1,387
	2017	4,039	(149)	8	(520)	(661)	(16.4%)	3,378
	2018	10,203	(205)	(597)	(1,454)	(2,256)	(22.1%)	7,947
	2019	15,408	2,192	281	(2,755)	(282)	(1.8%)	15,126
Non Private Passenger Total		34,956	1,696	(1,594)	(5,948)	(5,846)	(16.7%)	29,110
Grand Total		45,175	2,088	(2,012)	(7,101)	(7,025)	(15.6%)	38,150

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 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	(11)	2	(2)	1	1	(9.1%)	(10)
	2010	32	-	-	(19)	(19)	(59.4%)	13
	2011	130	(1)	1	(29)	(29)	(22.3%)	101
	2012	277	(3)	3	(242)	(242)	(87.4%)	35
	2013	180	(2)	44	(99)	(57)	(31.7%)	123
	2014	453	(6)	6	(191)	(191)	(42.2%)	262
	2015	443	(24)	129	(106)	(1)	(0.2%)	442
	2016	635	(21)	21	(183)	(183)	(28.8%)	452
	2017	1,344	(55)	55	(344)	(344)	(25.6%)	1,000
	2018	1,064	(55)	(131)	(189)	(375)	(35.2%)	689
	2019	895	81	(51)	124	154	17.2%	1,049
Private Passenger Total		5,442	(84)	75	(1,277)	(1,286)	(23.6%)	4,156
Non Private Passenger	prior	774	(53)	53	(160)	(160)	(20.7%)	614
	2010	7	-	-	-	-	-	7
	2011	(46)	5	10	125	140	(304.3%)	94
	2012	(594)	44	(45)	747	746	(125.6%)	152
	2013	739	(33)	(965)	(138)	(1,136)	(153.7%)	(397)
	2014	460	(25)	(77)	70	(32)	(7.0%)	428
	2015	1,973	(99)	111	125	137	6.9%	2,110
	2016	3,484	(189)	294	(304)	(199)	(5.7%)	3,285
	2017	4,437	(350)	360	1,035	1,045	23.6%	5,482
	2018	4,847	(338)	407	3,331	3,400	70.1%	8,247
	2019	12,373	1,506	708	3,089	5,303	42.9%	17,676
Non Private Passenger Total		28,454	468	856	7,920	9,244	32.5%	37,698
Grand Total		33,896	384	931	6,643	7,958	23.5%	41,854

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	(16)	-	1	(1)	-	-	(16)
	2011	4	-	-	(2)	(2)	(50.0%)	2
	2012	7	-	-	(4)	(4)	(57.1%)	3
	2013	14	-	-	(5)	(5)	(35.7%)	9
	2014	30	-	-	(10)	(10)	(33.3%)	20
	2015	56	(1)	1	(15)	(15)	(26.8%)	41
	2016	159	(1)	1	(103)	(103)	(64.8%)	56
	2017	163	(3)	3	(20)	(20)	(12.3%)	143
	2018	183	(2)	-	(14)	(16)	(8.7%)	167
	2019	133	10	(40)	(1)	(31)	(23.3%)	102
Private Passenger Total		737	3	(34)	(175)	(206)	(28.0%)	531
Non Private Passenger	prior	2	-	-	-	-	-	2
	2010	-	-	-	-	-	-	-
	2011	-	-	-	-	-	-	-
	2012	1	-	-	-	-	-	1
	2013	2	-	-	-	-	-	2
	2014	7	-	-	-	-	-	7
	2015	33	-	-	(14)	(14)	(42.4%)	19
	2016	76	(1)	1	(27)	(27)	(35.5%)	49
	2017	160	(1)	18	(36)	(19)	(11.9%)	141
	2018	117	(1)	(56)	78	21	17.9%	138
	2019	284	15	49	14	78	27.5%	362
Non Private Passenger Total		682	12	12	15	39	5.7%	721
Grand Total		1,419	15	(22)	(160)	(167)	(11.8%)	1,252

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	-	-	(4)	(4)	(133.3%)	(1)
	2012	10	-	-	(4)	(4)	(40.0%)	6
	2013	11	-	-	(4)	(4)	(36.4%)	7
	2014	39	-	-	(21)	(21)	(53.8%)	18
	2015	84	(1)	1	(29)	(29)	(34.5%)	55
	2016	247	(2)	2	(136)	(136)	(55.1%)	111
	2017	280	(4)	4	(37)	(37)	(13.2%)	243
	2018	488	(4)	33	(40)	(11)	(2.3%)	477
	2019	291	35	15	9	59	20.3%	350
Private Passenger Total		1,450	24	55	(266)	(187)	(12.9%)	1,263
Non Private Passenger	prior	2	-	-	-	-	-	2
	2010	1	-	-	-	-	-	1
	2011	-	-	-	-	-	-	-
	2012	-	-	-	-	-	-	-
	2013	43	-	-	11	11	25.6%	54
	2014	10	-	-	21	21	210.0%	31
	2015	32	-	-	(10)	(10)	(31.3%)	22
	2016	138	(1)	1	(73)	(73)	(52.9%)	65
	2017	260	(3)	3	(116)	(116)	(44.6%)	144
	2018	217	(2)	(17)	(6)	(25)	(11.5%)	192
	2019	(9)	11	84	73	168	(1,866.7%)	159
Non Private Passenger Total		694	5	71	(100)	(24)	(3.5%)	670
Grand Total		2,144	29	126	(366)	(211)	(9.8%)	1,933

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	15	(2)	2	-	-	-	15
	2013	2	-	-	(1)	(1)	(50.0%)	1
	2014	8	-	-	(5)	(5)	(62.5%)	3
	2015	13	-	-	(4)	(4)	(30.8%)	9
	2016	40	-	-	(16)	(16)	(40.0%)	24
	2017	32	(1)	1	-	-	-	32
	2018	36	(2)	2	(8)	(8)	(22.2%)	28
	2019	28	(3)	8	(2)	3	10.7%	31
Private Passenger Total		173	(8)	13	(36)	(31)	(17.9%)	142
Non Private Passenger	prior	-	-	-	-	-	-	-
	2010	-	-	-	-	-	-	-
	2011	-	-	-	-	-	-	-
	2012	-	-	-	-	-	-	-
	2013	12	-	-	2	2	16.7%	14
	2014	24	(1)	1	(2)	(2)	(8.3%)	22
	2015	25	-	-	(5)	(5)	(20.0%)	20
	2016	93	(3)	3	(51)	(51)	(54.8%)	42
	2017	187	(2)	2	(88)	(88)	(47.1%)	99
	2018	253	(2)	2	(78)	(78)	(30.8%)	175
	2019	112	18	24	(13)	29	25.9%	141
Non Private Passenger Total		706	10	32	(235)	(193)	(27.3%)	513
Grand Total		879	2	45	(271)	(224)	(25.5%)	655

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 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	575	(6)	40	23	57	9.9%	632
	2010	749	(10)	(115)	(455)	(580)	(77.4%)	169
	2011	421	(8)	7	(78)	(79)	(18.8%)	342
	2012	535	(12)	(19)	(139)	(170)	(31.8%)	365
	2013	584	(11)	(72)	(215)	(298)	(51.0%)	286
	2014	1,231	(36)	(212)	(351)	(599)	(48.7%)	632
	2015	600	6	169	206	381	63.5%	981
	2016	3,905	(72)	33	(1,134)	(1,173)	(30.0%)	2,732
	2017	10,099	(302)	279	(2,286)	(2,309)	(22.9%)	7,790
	2018	12,279	(724)	586	29	(109)	(0.9%)	12,170
	2019	11,046	1,712	(421)	142	1,433	13.0%	12,479
Private Passenger Total		42,024	537	275	(4,258)	(3,446)	(8.2%)	38,578
Non Private Passenger								
	prior	940	(57)	57	(211)	(211)	(22.4%)	729
	2010	74	(1)	2	(38)	(37)	(50.0%)	37
	2011	310	(7)	(48)	(133)	(188)	(60.6%)	122
	2012	(81)	37	(39)	570	568	(701.2%)	487
	2013	1,811	(44)	(880)	(187)	(1,111)	(61.3%)	700
	2014	1,648	(50)	(118)	(32)	(200)	(12.1%)	1,448
	2015	4,235	(152)	(1,108)	(192)	(1,452)	(34.3%)	2,783
	2016	7,875	(337)	500	(1,868)	(1,705)	(21.7%)	6,170
	2017	12,527	(620)	406	(393)	(607)	(4.8%)	11,920
	2018	20,572	(746)	(219)	1,549	584	2.8%	21,156
	2019	32,963	4,378	1,673	602	6,653	20.2%	39,616
Non Private Passenger Total		82,874	2,401	226	(333)	2,294	2.8%	85,168
Grand Total		124,898	2,938	501	(4,591)	(1,152)	(0.9%)	123,746

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	(10)	-	-	-	-	-	(10)
	2010	26	-	-	(33)	(33)	(126.9%)	(7)
	2011	(5)	-	-	-	-	-	(5)
	2012	(10)	-	15	-	15	(150.0%)	5
	2013	18	-	(21)	-	(21)	(116.7%)	(3)
	2014	(89)	1	(137)	71	(65)	73.0%	(154)
	2015	(325)	33	(32)	306	307	(94.5%)	(18)
	2016	(337)	34	(83)	338	289	(85.8%)	(48)
	2017	799	(80)	73	(43)	(50)	(6.3%)	749
	2018	(97)	(243)	111	1,794	1,662	(1,713.4%)	1,565
	2019	156	48	165	(86)	127	81.4%	283
Private Passenger Total		126	(207)	91	2,347	2,231	1,770.6%	2,357
Non Private Passenger	prior	6	-	-	-	-	-	6
	2010	2	-	-	-	-	-	2
	2011	2	-	-	-	-	-	2
	2012	11	-	-	(11)	(11)	(100.0%)	-
	2013	227	(2)	27	(226)	(201)	(88.5%)	26
	2014	(19)	-	-	6	6	(31.6%)	(13)
	2015	300	(3)	2	(269)	(270)	(90.0%)	30
	2016	189	(13)	35	(98)	(76)	(40.2%)	113
	2017	410	(4)	(24)	(66)	(94)	(22.9%)	316
	2018	763	(76)	102	(188)	(162)	(21.2%)	601
	2019	920	52	308	168	528	57.4%	1,448
Non Private Passenger Total		2,811	(46)	450	(684)	(280)	(10.0%)	2,531
Grand Total		2,937	(253)	541	1,663	1,951	66.4%	4,888

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	(1)	-	-	(13)	(13)	1,300.0%	(14)
	2010	29	(1)	(12)	14	1	3.4%	30
	2011	132	(5)	5	(43)	(43)	(32.6%)	89
	2012	112	(4)	4	(29)	(29)	(25.9%)	83
	2013	198	(8)	4	(81)	(85)	(42.9%)	113
	2014	487	(19)	19	(348)	(348)	(71.5%)	139
	2015	48	(1)	138	89	226	470.8%	274
	2016	669	(7)	(12)	(333)	(352)	(52.6%)	317
	2017	2,765	(28)	20	(605)	(613)	(22.2%)	2,152
	2018	3,641	(182)	263	(601)	(520)	(14.3%)	3,121
	2019	2,575	377	133	(65)	445	17.3%	3,020
Private Passenger Total		10,655	122	562	(2,015)	(1,331)	(12.5%)	9,324
Non Private Passenger	prior	16	(2)	2	(22)	(22)	(137.5%)	(6)
	2010	2	-	-	-	-	-	2
	2011	158	(9)	(54)	(161)	(224)	(141.8%)	(66)
	2012	43	(3)	3	-	-	-	43
	2013	33	(2)	1	327	326	987.9%	359
	2014	238	(14)	14	(8)	(8)	(3.4%)	230
	2015	-	-	2	124	126	100.0%	126
	2016	428	(26)	25	(85)	(86)	(20.1%)	342
	2017	695	(42)	8	(210)	(244)	(35.1%)	451
	2018	577	(35)	(29)	185	121	21.0%	698
	2019	973	209	(5)	102	306	31.4%	1,279
Non Private Passenger Total		3,163	76	(33)	252	295	9.3%	3,458
Grand Total		13,818	198	529	(1,763)	(1,036)	(7.5%)	12,782

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 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	79	(1)	1	27	27	34.2%	106
	2010	8	-	-	-	-	-	8
	2011	5	-	-	-	-	-	5
	2012	(28)	-	(42)	19	(23)	82.1%	(51)
	2013	9	-	-	(33)	(33)	(366.7%)	(24)
	2014	(104)	1	(39)	15	(23)	22.1%	(127)
	2015	29	(1)	(1)	-	(2)	(6.9%)	27
	2016	459	(5)	5	(123)	(123)	(26.8%)	336
	2017	1,352	(14)	31	(340)	(323)	(23.9%)	1,029
	2018	2,016	(60)	(5)	(520)	(585)	(29.0%)	1,431
	2019	2,277	377	(16)	(183)	178	7.8%	2,455
Private Passenger Total		6,102	297	(66)	(1,138)	(907)	(14.9%)	5,195
Non Private Passenger	prior	(3)	-	-	-	-	-	(3)
	2010	(2)	-	1	-	1	(50.0%)	(1)
	2011	(5)	-	-	-	-	-	(5)
	2012	(4)	-	-	-	-	-	(4)
	2013	-	-	-	-	-	-	-
	2014	347	(3)	(53)	(19)	(75)	(21.6%)	272
	2015	339	(3)	-	(208)	(211)	(62.2%)	128
	2016	375	(4)	250	(287)	(41)	(10.9%)	334
	2017	958	(48)	23	(237)	(262)	(27.3%)	696
	2018	1,996	(60)	1	(228)	(287)	(14.4%)	1,709
	2019	1,764	219	107	(113)	213	12.1%	1,977
Non Private Passenger Total		5,765	101	329	(1,092)	(662)	(11.5%)	5,103
Grand Total		11,867	398	263	(2,230)	(1,569)	(13.2%)	10,298

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)	-	(115)	-	(115)	11,500.0%	(116)
	2011	(1)	-	-	-	-	-	(1)
	2012	-	-	-	-	-	-	-
	2013	(2)	-	-	-	-	-	(2)
	2014	153	(8)	(12)	(154)	(174)	(113.7%)	(21)
	2015	29	(1)	1	(11)	(11)	(37.9%)	18
	2016	328	(16)	14	(211)	(213)	(64.9%)	115
	2017	143	(7)	8	(11)	(10)	(7.0%)	133
	2018	474	(24)	60	(77)	(41)	(8.6%)	433
	2019	368	7	27	7	41	11.1%	409
Private Passenger Total		1,486	(49)	(17)	(457)	(523)	(35.2%)	963
Non Private Passenger	prior	(1)	-	-	-	-	-	(1)
	2010	6	-	-	(7)	(7)	(116.7%)	(1)
	2011	1	-	-	-	-	-	1
	2012	-	-	-	-	-	-	-
	2013	1	-	-	-	-	-	1
	2014	6	-	-	-	-	-	6
	2015	81	(1)	1	(39)	(39)	(48.1%)	42
	2016	226	(2)	2	(70)	(70)	(31.0%)	156
	2017	605	(6)	6	(96)	(96)	(15.9%)	509
	2018	590	(6)	14	(73)	(65)	(11.0%)	525
	2019	472	61	104	11	176	37.3%	648
Non Private Passenger Total		1,987	46	127	(274)	(101)	(5.1%)	1,886
Grand Total		3,473	(3)	110	(731)	(624)	(18.0%)	2,849

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 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	(85)	1	35	12	48	(56.5%)	(37)
	2010	584	(6)	6	(395)	(395)	(67.6%)	189
	2011	116	(1)	1	-	-	-	116
	2012	10	-	-	64	64	640.0%	74
	2013	5	-	(100)	-	(100)	(2,000.0%)	(95)
	2014	(244)	2	(34)	295	263	(107.8%)	19
	2015	(441)	18	(63)	(56)	(101)	22.9%	(542)
	2016	696	(28)	101	(236)	(163)	(23.4%)	533
	2017	1,994	(80)	64	(736)	(752)	(37.7%)	1,242
	2018	2,548	(102)	218	(241)	(125)	(4.9%)	2,423
	2019	2,808	549	(660)	312	201	7.2%	3,009
Private Passenger Total		7,991	353	(432)	(981)	(1,060)	(13.3%)	6,931
Non Private Passenger	prior	69	-	-	(28)	(28)	(40.6%)	41
	2010	37	-	-	(29)	(29)	(78.4%)	8
	2011	143	(1)	1	(90)	(90)	(62.9%)	53
	2012	324	(3)	3	(146)	(146)	(45.1%)	178
	2013	171	(2)	59	(140)	(83)	(48.5%)	88
	2014	276	(3)	3	(97)	(97)	(35.1%)	179
	2015	568	(28)	(1,235)	126	(1,137)	(200.2%)	(569)
	2016	1,755	(70)	(129)	(607)	(806)	(45.9%)	949
	2017	3,393	(136)	1	(476)	(611)	(18.0%)	2,782
	2018	8,657	(173)	(615)	(1,062)	(1,850)	(21.4%)	6,807
	2019	13,685	1,921	293	(2,546)	(332)	(2.4%)	13,353
Non Private Passenger Total		29,078	1,505	(1,619)	(5,095)	(5,209)	(17.9%)	23,869
Grand Total		37,069	1,858	(2,051)	(6,076)	(6,269)	(16.9%)	30,800

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	(41)	1	(1)	-	-	-	(41)
	2010	30	-	-	(17)	(17)	(56.7%)	13
	2011	49	-	-	(33)	(33)	(67.3%)	16
	2012	253	(3)	3	(227)	(227)	(89.7%)	26
	2013	157	(2)	44	(91)	(49)	(31.2%)	108
	2014	308	(3)	3	(183)	(183)	(59.4%)	125
	2015	391	(23)	128	(101)	4	1.0%	395
	2016	463	(19)	19	(131)	(131)	(28.3%)	332
	2017	1,215	(49)	51	(320)	(318)	(26.2%)	897
	2018	870	(44)	(140)	(181)	(365)	(42.0%)	505
	2019	772	67	(49)	109	127	16.5%	899
Private Passenger Total		4,467	(75)	58	(1,175)	(1,192)	(26.7%)	3,275
Non Private Passenger	prior	745	(53)	53	(161)	(161)	(21.6%)	584
	2010	6	-	-	-	-	-	6
	2011	(83)	6	9	113	128	(154.2%)	45
	2012	(639)	45	(45)	707	707	(110.6%)	68
	2013	429	(30)	(968)	(120)	(1,118)	(260.6%)	(689)
	2014	329	(23)	(79)	61	(41)	(12.5%)	288
	2015	1,444	(87)	107	117	137	9.5%	1,581
	2016	2,465	(148)	282	(49)	85	3.4%	2,550
	2017	3,456	(311)	319	940	948	27.4%	4,404
	2018	3,458	(311)	392	3,092	3,173	91.8%	6,631
	2019	11,002	1,322	695	2,859	4,876	44.3%	15,878
Non Private Passenger Total		22,612	410	765	7,559	8,734	38.6%	31,346
Grand Total		27,079	335	823	6,384	7,542	27.9%	34,621

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	(16)	-	-	(1)	(1)	6.3%	(17)
	2011	4	-	-	(2)	(2)	(50.0%)	2
	2012	6	-	-	(3)	(3)	(50.0%)	3
	2013	13	-	-	(5)	(5)	(38.5%)	8
	2014	28	-	-	(10)	(10)	(35.7%)	18
	2015	53	(1)	1	(15)	(15)	(28.3%)	38
	2016	146	(1)	1	(93)	(93)	(63.7%)	53
	2017	81	(1)	1	(21)	(21)	(25.9%)	60
	2018	170	(2)	-	(14)	(16)	(9.4%)	154
	2019	124	9	(41)	(1)	(33)	(26.6%)	91
Private Passenger Total		613	4	(38)	(165)	(199)	(32.5%)	414
Non Private Passenger	prior	2	-	-	-	-	-	2
	2010	-	-	-	-	-	-	-
	2011	-	-	-	-	-	-	-
	2012	1	-	-	-	-	-	1
	2013	2	-	-	-	-	-	2
	2014	6	-	-	-	-	-	6
	2015	31	-	-	(14)	(14)	(45.2%)	17
	2016	69	(1)	1	(24)	(24)	(34.8%)	45
	2017	147	(1)	17	(33)	(17)	(11.6%)	130
	2018	56	(1)	(56)	69	12	21.4%	68
	2019	259	12	46	13	71	27.4%	330
Non Private Passenger Total		573	9	8	11	28	4.9%	601
Grand Total		1,186	13	(30)	(154)	(171)	(14.4%)	1,015

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	-	-	(4)	(4)	(133.3%)	(1)
	2012	9	-	-	(4)	(4)	(44.4%)	5
	2013	10	-	-	(4)	(4)	(40.0%)	6
	2014	36	-	-	(20)	(20)	(55.6%)	16
	2015	78	(1)	1	(27)	(27)	(34.6%)	51
	2016	227	(2)	2	(123)	(123)	(54.2%)	104
	2017	211	(2)	2	(34)	(34)	(16.1%)	177
	2018	444	(4)	31	(38)	(11)	(2.5%)	433
	2019	260	33	10	7	50	19.2%	310
Private Passenger Total		1,275	24	46	(247)	(177)	(13.9%)	1,098
Non Private Passenger	prior	2	-	-	-	-	-	2
	2010	1	-	-	-	-	-	1
	2011	-	-	-	-	-	-	-
	2012	-	-	-	-	-	-	-
	2013	11	-	-	5	5	45.5%	16
	2014	9	-	-	20	20	222.2%	29
	2015	30	-	-	(9)	(9)	(30.0%)	21
	2016	126	(1)	1	(66)	(66)	(52.4%)	60
	2017	240	(2)	2	(108)	(108)	(45.0%)	132
	2018	193	(2)	(16)	(5)	(23)	(11.9%)	170
	2019	(29)	10	81	67	158	(544.8%)	129
Non Private Passenger Total		583	5	68	(96)	(23)	(3.9%)	560
Grand Total		1,858	29	114	(343)	(200)	(10.8%)	1,658

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	-	-	(1)	(1)	(50.0%)	1
	2014	7	-	-	(4)	(4)	(57.1%)	3
	2015	12	-	-	(4)	(4)	(33.3%)	8
	2016	37	-	-	(14)	(14)	(37.8%)	23
	2017	29	(1)	1	-	-	-	29
	2018	34	(2)	2	(8)	(8)	(23.5%)	26
	2019	26	(3)	7	(1)	3	11.5%	29
Private Passenger Total		147	(6)	10	(32)	(28)	(19.0%)	119
Non Private Passenger	prior	-	-	-	-	-	-	-
	2010	-	-	-	-	-	-	-
	2011	-	-	-	-	-	-	-
	2012	-	-	-	-	-	-	-
	2013	11	-	-	2	2	18.2%	13
	2014	5	-	-	(1)	(1)	(20.0%)	4
	2015	18	-	-	(5)	(5)	(27.8%)	13
	2016	84	(1)	1	(45)	(45)	(53.6%)	39
	2017	173	(2)	2	(83)	(83)	(48.0%)	90
	2018	230	(2)	2	(70)	(70)	(30.4%)	160
	2019	101	16	24	(12)	28	27.7%	129
Non Private Passenger Total		622	11	29	(214)	(174)	(28.0%)	448
Grand Total		769	5	39	(246)	(202)	(26.3%)	567

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 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	(62)	1	35	26	62	(100.0%)	-
	2010	659	(7)	(121)	(432)	(560)	(85.0%)	99
	2011	303	(6)	6	(82)	(82)	(27.1%)	221
	2012	353	(7)	(20)	(180)	(207)	(58.6%)	146
	2013	410	(10)	(73)	(215)	(298)	(72.7%)	112
	2014	582	(26)	(200)	(338)	(564)	(96.9%)	18
	2015	(126)	23	173	181	377	(299.2%)	251
	2016	2,688	(44)	47	(926)	(923)	(34.3%)	1,765
	2017	8,589	(262)	251	(2,110)	(2,121)	(24.7%)	6,468
	2018	10,100	(663)	540	114	(9)	(0.1%)	10,091
	2019	9,366	1,464	(424)	99	1,139	12.2%	10,505
Private Passenger Total		32,862	463	214	(3,863)	(3,186)	(9.7%)	29,676
Non Private Passenger	prior	836	(55)	55	(211)	(211)	(25.2%)	625
	2010	52	-	1	(36)	(35)	(67.3%)	17
	2011	216	(4)	(44)	(138)	(186)	(86.1%)	30
	2012	(264)	39	(39)	550	550	(208.3%)	286
	2013	885	(36)	(881)	(152)	(1,069)	(120.8%)	(184)
	2014	1,197	(43)	(115)	(38)	(196)	(16.4%)	1,001
	2015	2,811	(122)	(1,123)	(177)	(1,422)	(50.6%)	1,389
	2016	5,717	(266)	468	(1,331)	(1,129)	(19.7%)	4,588
	2017	10,077	(552)	354	(369)	(567)	(5.6%)	9,510
	2018	16,520	(666)	(205)	1,720	849	5.1%	17,369
	2019	29,147	3,822	1,653	549	6,024	20.7%	35,171
Non Private Passenger Total		67,194	2,117	124	367	2,608	3.9%	69,802
Grand Total		100,056	2,580	338	(3,496)	(578)	(0.6%)	99,478

EXHIBIT H-1
Projected Year-end Policy Liabilities
Private Passenger

The table below presents the projected policy liabilities as at December 31, 2019 for Private Passenger, broken down by component.

page 1 of 10

Newfoundland & Labrador

Private Passenger ending 2019	Newfoundland & Labrador - 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)	-	-	2	2	(1)
2000	-	(3)	-	(3)	-	-	-	-	(3)
2001	-	(4)	(5)	(9)	-	-	1	1	(8)
2002	-	-	-	-	-	-	-	-	-
2003	-	1	1	2	-	-	-	-	2
2004	(1)	(10)	-	(11)	-	-	1	1	(10)
2005	-	3	6	9	-	-	1	1	10
2006	-	1	3	4	-	-	-	-	4
2007	28	(3)	6	31	(2)	-	3	1	32
2008	92	3	16	111	(9)	1	11	3	114
2009	82	5	25	112	(10)	1	11	2	114
2010	(1)	(6)	53	46	-	-	6	6	52
2011	263	(4)	92	351	(35)	5	31	1	352
2012	1,868	4	142	2,014	(74)	12	193	131	2,145
2013	919	(3)	148	1,064	(35)	6	104	75	1,139
2014	2,660	(130)	109	2,639	(89)	14	293	218	2,857
2015	3,515	(14)	349	3,850	(106)	19	387	300	4,150
2016	4,829	(36)	306	5,099	(142)	25	532	415	5,514
2017	3,977	385	147	4,509	(139)	23	491	375	4,884
2018	8,245	804	441	9,490	(301)	46	1,005	750	10,240
PAYs (sub-total):	26,476	990	1,839	29,305	(942)	152	3,072	2,282	31,587
CAY (2019)	9,242	1,043	316	10,601	(360)	53	1,097	790	11,391
claims liabilities:	35,718	2,033	2,155	39,906	(1,302)	205	4,169	3,072	42,978
	Unearned Premium	Premium Deficiency / (DPAC)		Total Provision	discount	investment PfAD	development PfAD	Total apvs	TOTAL*
premium liabilities:	11,547	(1,178)		10,369	(274)	46	710	482	10,369
*Total may not be sum of parts, as apvs apply to future costs within UPR									
policy liabilities:				50,275	(1,576)	251	4,879	3,554	53,347

EXHIBIT H-1
Projected Year-end Policy Liabilities
Private Passenger

The table below presents the projected policy liabilities as at December 31, 2019 for Private Passenger, broken down by component.

page 2 of 10

New Brunswick

Private Passenger ending 2018	New Brunswick - Projected Balances as at Dec. 31, 2018 (\$000s)									
	nominal values				actuarial present value adjustments (apvs)					
	Case	IBNR	Retro Claims Fee & Expense	Total Unpaid	discount	investment PfAD	development PfAD	Total apvs	TOTAL	
prior	-	12	-	12	-	-	2	2	14	
1999	-	3	-	3	-	-	-	-	3	
2000	-	3	-	3	-	-	-	-	3	
2001	-	(1)	-	(1)	-	-	-	-	(1)	
2002	(1)	(9)	(1)	(11)	-	-	1	1	(10)	
2003	209	3	2	214	-	-	21	21	235	
2004	-	1	16	17	-	-	2	2	19	
2005	1	9	6	16	-	-	2	2	18	
2006	(1)	(8)	(19)	(28)	-	-	3	3	(25)	
2007	1	8	30	39	(2)	-	4	2	41	
2008	29	(2)	33	60	(8)	-	6	(2)	58	
2009	270	31	51	352	(25)	2	33	10	362	
2010	346	66	78	490	(26)	2	47	23	513	
2011	191	73	112	376	(17)	1	36	20	396	
2012	297	116	145	558	(22)	3	53	34	592	
2013	1,290	104	323	1,717	(61)	7	177	123	1,840	
2014	1,762	146	255	2,163	(80)	9	214	143	2,306	
2015	3,818	325	259	4,402	(189)	22	449	282	4,684	
2016	3,097	980	276	4,353	(217)	21	532	336	4,689	
2017	1,466	3,064	188	4,718	(283)	28	577	322	5,040	
PAYs (sub-total):	12,775	4,924	1,754	19,453	(930)	95	2,159	1,324	20,777	
CAY (2018)	2,681	2,932	164	5,777	(393)	40	676	323	6,100	
claims liabilities:	15,456	7,856	1,918	25,230	(1,323)	135	2,835	1,647	26,877	
	Unearned Premium	Premium Deficiency / (DPAC)		Total Provision	discount	investment PfAD	development PfAD	Total apvs	TOTAL*	
premium liabilities:	6,317	(676)		5,641	(249)	25	403	179	5,641	
*Total may not be sum of parts, as apvs apply to future costs within UPR										
policy liabilities:				30,871	(1,572)	160	3,238	1,826	32,518	

EXHIBIT H-1

Projected Year-end Policy Liabilities

Private Passenger

The table below presents the projected policy liabilities as at December 31, 2019 for Private Passenger, broken down by component.

page 3 of 10

Nova Scotia

Private Passenger ending 2019	Nova Scotia - 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	(1)	3	(1)	1	-	-	2	2	3	
2000	-	-	-	-	-	-	-	-	-	
2001	-	3	-	3	-	-	-	-	3	
2002	1	10	1	12	-	-	1	1	13	
2003	(1)	(8)	-	(9)	-	-	1	1	(8)	
2004	14	3	(2)	15	(1)	-	2	1	16	
2005	8	58	27	93	(6)	1	10	5	98	
2006	-	(4)	24	20	-	-	2	2	22	
2007	101	-	32	133	(3)	-	13	10	143	
2008	-	11	31	42	-	-	4	4	46	
2009	213	10	47	270	(25)	4	25	4	274	
2010	126	6	42	174	(17)	3	16	2	176	
2011	1	4	34	39	-	-	4	4	43	
2012	150	(39)	53	164	(6)	1	16	11	175	
2013	112	(19)	63	156	(5)	1	15	11	167	
2014	720	(99)	117	738	(25)	4	74	53	791	
2015	411	27	47	485	(16)	2	58	44	529	
2016	701	300	82	1,083	(34)	5	143	114	1,197	
2017	542	920	81	1,543	(53)	10	200	157	1,700	
2018	2,278	1,266	127	3,671	(132)	22	452	342	4,013	
PAYs (sub-total):	5,376	2,452	805	8,633	(323)	53	1,038	768	9,401	
CAY (2019)	3,407	3,614	198	7,219	(282)	50	872	640	7,859	
claims liabilities:	8,783	6,066	1,003	15,852	(605)	103	1,910	1,408	17,260	
	Unearned Premium	Premium Deficiency / (DPAC)		Total Provision	discount	investment PfAD	development PfAD	Total apvs	TOTAL*	
premium liabilities:	8,135	(879)		7,256	(184)	28	566	410	7,317	
*Total may not be sum of parts, as apvs apply to future costs within UPR										
policy liabilities:				23,108	(789)	131	2,476	1,818	24,577	

EXHIBIT H-1
Projected Year-end Policy Liabilities
Private Passenger

The table below presents the projected policy liabilities as at December 31, 2019 for Private Passenger, broken down by component.

page 4 of 10

Prince Edward Island

Private Passenger 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		-	(1)	-	(1)	-	-	-	-	(1)
2002		-	1	-	1	-	-	-	-	1
2003		-	(1)	-	(1)	-	-	-	-	(1)
2004		-	4	-	4	-	-	-	-	4
2005		-	(4)	7	3	-	-	1	1	4
2006		-	-	11	11	-	-	1	1	12
2007		-	(1)	3	2	-	-	-	-	2
2008		-	(1)	3	2	-	-	-	-	2
2009		-	-	-	-	-	-	-	-	-
2010		4	(112)	9	(99)	10	(2)	11	19	(80)
2011		-	(1)	14	13	-	-	1	1	14
2012		-	-	20	20	-	-	2	2	22
2013		-	(2)	24	22	-	-	2	2	24
2014		20	(21)	26	25	-	-	3	3	28
2015		844	18	25	887	(30)	5	91	66	953
2016		228	111	78	417	(13)	2	48	37	454
2017		666	111	70	847	(20)	4	88	72	919
2018		331	379	36	746	(27)	4	97	74	820
PAYs (sub-total):		2,093	478	326	2,897	(80)	13	345	278	3,175
CAY (2019)		266	510	20	796	(31)	5	104	78	874
claims liabilities:		2,359	988	346	3,693	(111)	18	449	356	4,049
		Unearned Premium	Premium Deficiency / (DPAC)		Total Provision	discount	investment PfAD	development PfAD	Total apvs	TOTAL*
premium liabilities:		1,194	(129)		1,065	(26)	4	63	41	1,065
*Total may not be sum of parts, as apvs apply to future costs within UPR										
policy liabilities:					4,758	(137)	22	512	397	5,114

EXHIBIT H-1
Projected Year-end Policy Liabilities
Private Passenger

The table below presents the projected policy liabilities as at December 31, 2019 for Private Passenger, broken down by component.

page 5 of 10

Ontario

Private Passenger ending 2019	Ontario - 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	3,326	85	(3)	3,408	(63)	11	346	294	3,702
2000	2	11	2	15	-	-	1	1	16
2001	-	6	(2)	4	-	-	1	1	5
2002	426	(7)	85	504	(25)	4	49	28	532
2003	2,059	(742)	549	1,866	(108)	18	176	86	1,952
2004	490	77	703	1,270	(79)	13	119	53	1,323
2005	6	(32)	226	200	(14)	2	24	12	212
2006	266	1	248	515	(41)	6	48	13	528
2007	1,905	282	239	2,426	(206)	34	222	50	2,476
2008	316	159	240	715	(63)	10	65	12	727
2009	1,616	128	380	2,124	(189)	32	194	37	2,161
2010	581	159	277	1,017	(65)	11	95	41	1,058
2011	1,051	98	395	1,544	(128)	20	142	34	1,578
2012	995	62	416	1,473	(112)	18	137	43	1,516
2013	784	(79)	471	1,176	(68)	10	110	52	1,228
2014	3,186	16	378	3,580	(162)	29	361	228	3,808
2015	1,209	(418)	411	1,202	(38)	6	143	111	1,313
2016	869	415	366	1,650	(51)	8	174	131	1,781
2017	519	1,088	267	1,874	(71)	13	272	214	2,088
2018	1,376	2,101	459	3,936	(165)	28	526	389	4,325
PAYs (sub-total):	20,982	3,410	6,107	30,499	(1,648)	273	3,205	1,830	32,329
CAY (2019)	3,984	5,690	457	10,131	(436)	71	1,519	1,154	11,285
claims liabilities:	24,966	9,100	6,564	40,630	(2,084)	344	4,724	2,984	43,614
	Unearned Premium	Premium Deficiency / (DPAC)		Total Provision	discount	investment PfAD	development PfAD	Total apvs	TOTAL*
premium liabilities:	14,305	(844)		13,461	(262)	42	787	567	13,461
					*Total may not be sum of parts, as apvs apply to future costs within UPR				
policy liabilities:				54,091	(2,346)	386	5,511	3,551	57,075

EXHIBIT H-1
Projected Year-end Policy Liabilities
Private Passenger

The table below presents the projected policy liabilities as at December 31, 2019 for Private Passenger, broken down by component.

page 6 of 10

Alberta

Private Passenger 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		(1)	14	-	13	-	-	11	11	24
2000		(1)	(13)	(2)	(16)	-	-	1	1	(15)
2001		-	11	-	11	-	-	1	1	12
2002		(1)	(12)	2	(11)	-	-	1	1	(10)
2003		41	(45)	13	9	(1)	-	1	-	9
2004		-	(25)	3	(22)	-	-	3	3	(19)
2005		95	18	22	135	(10)	1	12	3	138
2006		6	12	12	30	-	-	3	3	33
2007		1	10	89	100	-	-	10	10	110
2008		-	6	88	94	-	-	10	10	104
2009		-	(8)	58	50	-	-	7	7	57
2010		(1)	12	24	35	(3)	-	3	-	35
2011		968	13	11	992	(25)	4	97	76	1,068
2012		72	22	48	142	(3)	-	14	11	153
2013		92	93	51	236	(6)	1	23	18	254
2014		1,440	107	64	1,611	(39)	6	157	124	1,735
2015		240	356	57	653	(17)	2	65	50	703
2016		1,359	320	33	1,712	(58)	10	185	137	1,849
2017		299	670	41	1,010	(39)	7	125	93	1,103
2018		1,499	447	95	2,041	(83)	14	264	195	2,236
PAYs (sub-total):		6,108	2,008	709	8,825	(284)	45	993	754	9,579
CAY (2019)		1,769	1,106	(29)	2,846	(114)	16	325	227	3,073
claims liabilities:		7,877	3,114	680	11,671	(398)	61	1,318	981	12,652
		Unearned Premium	Premium Deficiency / (DPAC)		Total Provision	discount	investment PfAD	development PfAD	Total apvs	TOTAL*
premium liabilities:		4,284	(463)		3,821	(77)	12	200	135	3,821
*Total may not be sum of parts, as apvs apply to future costs within UPR										
policy liabilities:					15,492	(475)	73	1,518	1,116	16,473

EXHIBIT H-1
Projected Year-end Policy Liabilities
Private Passenger

The table below presents the projected policy liabilities as at December 31, 2019 for Private Passenger, broken down by component.

page 7 of 10

Yukon

Private Passenger ending 2019	Yukon - 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	
Acc Yr									
prior	-	3	-	3	-	-	-	-	3
2000	-	-	-	-	-	-	-	-	-
2001	-	1	-	1	-	-	-	-	1
2002	-	-	-	-	-	-	-	-	-
2003	-	1	-	1	-	-	-	-	1
2004	-	-	-	-	-	-	-	-	-
2005	-	-	-	-	-	-	-	-	-
2006	-	-	-	-	-	-	-	-	-
2007	-	-	-	-	-	-	-	-	-
2008	-	(1)	-	(1)	-	-	-	-	(1)
2009	-	-	12	12	-	-	1	1	13
2010	56	(17)	1	40	(4)	1	4	1	41
2011	-	2	2	4	-	-	-	-	4
2012	-	3	3	6	-	-	-	-	6
2013	-	8	4	12	-	-	1	1	13
2014	-	18	5	23	-	-	3	3	26
2015	-	38	(16)	22	(1)	-	5	4	26
2016	-	49	(1)	48	(2)	-	5	3	51
2017	852	56	17	925	(35)	6	112	83	1,008
2018	6	142	11	159	(6)	1	19	14	173
PAYs (sub-total):	914	303	38	1,255	(48)	8	150	110	1,365
CAY (2019)	36	151	(3)	184	(9)	1	23	15	199
claims liabilities:	950	454	35	1,439	(57)	9	173	125	1,564
	Unearned Premium	Premium Deficiency / (DPAC)		Total Provision	discount	investment PfAD	development PfAD	Total apvs	TOTAL*
premium liabilities:	149	(16)		133	(4)	1	11	8	133
policy liabilities:				1,572	(61)	10	184	133	1,697

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

EXHIBIT H-1
Projected Year-end Policy Liabilities
Private Passenger

The table below presents the projected policy liabilities as at December 31, 2019 for Private Passenger, broken down by component.

page 8 of 10

Northwest Territories

Private Passenger ending 2019	Northwest Territories - 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	-	1	-	1	-	-	-	-	-	1
2002	-	1	-	1	-	-	-	-	-	1
2003	-	1	-	1	-	-	-	-	-	1
2004	-	(2)	-	(2)	-	-	-	-	-	(2)
2005	-	-	-	-	-	-	-	-	-	-
2006	-	(3)	-	(3)	-	-	-	-	-	(3)
2007	-	(3)	-	(3)	-	-	-	-	-	(3)
2008	-	3	-	3	-	-	-	-	-	3
2009	-	-	-	-	-	-	-	-	-	-
2010	-	(1)	8	7	-	-	1	1	8	8
2011	-	(1)	10	9	-	-	1	1	10	10
2012	-	5	13	18	-	-	2	2	20	20
2013	-	6	17	23	-	-	3	3	26	26
2014	-	16	20	36	-	-	4	4	40	40
2015	-	49	3	52	(2)	-	7	5	57	57
2016	2	98	21	121	(4)	1	12	9	130	130
2017	557	169	(29)	697	(29)	4	96	71	768	768
2018	92	408	6	506	(22)	3	66	47	553	553
PAYs (sub-total):	651	747	69	1,467	(57)	8	192	143	1,610	1,610
CAY (2019)	304	422	(37)	689	(28)	5	90	67	756	756
claims liabilities:	955	1,169	32	2,156	(85)	13	282	210	2,366	2,366
	Unearned Premium	Premium Deficiency / (DPAC)		Total Provision	discount	investment PfAD	development PfAD	Total apvs	TOTAL*	
premium liabilities:	1,003	(109)		894	(15)	2	43	30	894	894
*Total may not be sum of parts, as apvs apply to future costs within UPR										
policy liabilities:				3,050	(100)	15	325	240	3,260	3,260

EXHIBIT H-1
Projected Year-end Policy Liabilities
Private Passenger

The table below presents the projected policy liabilities as at December 31, 2019 for Private Passenger, broken down by component.

page 9 of 10

Nunavut

Private Passenger ending 2019	Nunavut - 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		-	-	-	-	-	-	-	-	-
2000		-	-	-	-	-	-	-	-	-
2001		-	(1)	-	(1)	-	-	-	-	(1)
2002		-	(1)	-	(1)	-	-	-	-	(1)
2003		-	-	-	-	-	-	-	-	-
2004		-	-	-	-	-	-	-	-	-
2005		-	-	-	-	-	-	-	-	-
2006		-	-	-	-	-	-	-	-	-
2007		-	-	-	-	-	-	-	-	-
2008		-	1	-	1	-	-	-	-	1
2009		-	-	-	-	-	-	-	-	-
2010		-	-	2	2	-	-	-	-	2
2011		-	-	2	2	-	-	-	-	2
2012		158	1	4	163	(4)	1	16	13	176
2013		-	1	5	6	-	-	1	1	7
2014		-	3	(8)	(5)	-	-	1	1	(4)
2015		-	8	5	13	-	-	2	2	15
2016		-	23	4	27	(1)	-	2	1	28
2017		6	27	2	35	(1)	-	4	3	38
2018		2	24	-	26	(1)	-	3	2	28
PAYs (sub-total):		166	86	16	268	(7)	1	29	23	291
CAY (2019)		4	26	(3)	27	(1)	-	4	3	30
claims liabilities:		170	112	13	295	(8)	1	33	26	321
		Unearned Premium	Premium Deficiency / (DPAC)		Total Provision	discount	investment PfAD	development PfAD	Total apvs	TOTAL*
premium liabilities:		76	(8)		68	(1)	-	2	1	68
*Total may not be sum of parts, as apvs apply to future costs within UPR										
policy liabilities:					363	(9)	1	35	27	389

EXHIBIT H-1
Projected Year-end Policy Liabilities
Private Passenger

The table below presents the projected policy liabilities as at December 31, 2019 for Private Passenger, broken down by component.

page 10 of 10

All Jurisdictions

Private Passenger ending 2019	ALL JURISDICTIONS - 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	3,326	115	(4)	3,437	(63)	11	363	311	3,748
2000	1	(4)	-	(3)	-	-	2	2	(1)
2001	-	15	(7)	8	-	-	3	3	11
2002	424	(17)	87	494	(25)	4	52	31	525
2003	2,316	(799)	565	2,082	(122)	20	198	96	2,178
2004	503	48	705	1,256	(80)	13	125	58	1,314
2005	111	51	283	445	(30)	4	50	24	469
2006	270	-	311	581	(41)	6	56	21	602
2007	2,034	278	385	2,697	(211)	34	251	74	2,771
2008	437	179	394	1,010	(77)	11	95	29	1,039
2009	2,110	131	522	2,763	(231)	38	256	63	2,826
2010	949	65	463	1,477	(91)	15	161	85	1,562
2011	2,329	181	636	3,146	(196)	31	295	130	3,276
2012	3,535	123	804	4,462	(220)	36	425	241	4,703
2013	2,421	94	912	3,427	(137)	23	330	216	3,643
2014	8,256	20	888	9,164	(328)	56	957	685	9,849
2015	8,693	306	1,114	10,113	(280)	46	1,065	831	10,944
2016	10,154	1,540	1,029	12,723	(377)	64	1,379	1,066	13,789
2017	8,920	5,271	711	14,902	(507)	88	1,838	1,419	16,321
2018	15,340	8,508	1,343	25,191	(922)	150	3,016	2,244	27,435
PAYs (sub-total):	72,129	16,105	11,141	99,375	(3,938)	650	10,917	7,629	107,004
CAY (2019)	20,681	17,107	1,130	38,918	(1,543)	246	4,821	3,524	42,442
claims liabilities:	92,810	33,212	12,271	138,293	(5,481)	896	15,738	11,153	149,446
	Unearned Premium	Premium Deficiency / (DPAC)		Total Provision	discount	investment PfAD	development PfAD	Total apvs	TOTAL*
premium liabilities:	47,655	(4,371)		43,284	(1,019)	162	2,830	1,973	43,345
					*Total may not be sum of parts, as apvs apply to future costs within UPR				
policy liabilities:				181,577	(6,500)	1,058	18,568	13,126	192,791

EXHIBIT H-2
Projected Year-end Policy Liabilities
Non-Private Passenger

The table below presents the projected policy liabilities as at December 31, 2019 for Non-Private Passenger, broken down by component.

page 1 of 10

Newfoundland & Labrador

Non Private Passenger ending 2019	Newfoundland & Labrador - Projected Balances as at Dec. 31, 2019 (\$000s)								
	nominal values				actuarial present value adjustments (apvs)				
	Case	IBNR	Retro Claims Fee & Expense	Total Unpaid	discount	investment PfAD	development PfAD	Total apvs	TOTAL
prior	-	(1)	-	(1)	-	-	-	-	(1)
2000	-	-	-	-	-	-	-	-	-
2001	-	1	(1)	-	-	-	-	-	-
2002	-	1	-	1	-	-	-	-	1
2003	-	(1)	-	(1)	-	-	-	-	(1)
2004	-	(1)	-	(1)	-	-	-	-	(1)
2005	-	2	2	4	-	-	-	-	4
2006	-	3	1	4	-	-	-	-	4
2007	-	(1)	3	2	-	-	-	-	2
2008	-	-	7	7	-	-	1	1	8
2009	-	3	9	12	-	-	1	1	13
2010	-	2	18	20	-	-	2	2	22
2011	422	2	28	452	(51)	9	40	(2)	450
2012	141	-	35	176	(14)	2	17	5	181
2013	5	20	35	60	-	-	7	7	67
2014	109	(10)	30	129	(7)	1	23	17	146
2015	977	27	106	1,110	(35)	6	112	83	1,193
2016	1,085	105	102	1,292	(32)	5	139	112	1,404
2017	2,375	271	52	2,698	(68)	11	283	226	2,924
2018	3,067	439	164	3,670	(95)	14	390	309	3,979
PAYs (sub-total):	8,181	862	591	9,634	(302)	48	1,015	761	10,395
CAY (2019)	2,720	1,700	122	4,542	(141)	28	473	360	4,902
claims liabilities:	10,901	2,562	713	14,176	(443)	76	1,488	1,121	15,297
	Unearned Premium	Premium Deficiency / (DPAC)		Total Provision	discount	investment PfAD	development PfAD	Total apvs	TOTAL*
premium liabilities:	3,989	(291)		3,698	(91)	13	231	153	3,698
*Total may not be sum of parts, as apvs apply to future costs within UPR									
policy liabilities:				17,874	(534)	89	1,719	1,274	18,995

EXHIBIT H-2
Projected Year-end Policy Liabilities
Non-Private Passenger

The table below presents the projected policy liabilities as at December 31, 2019 for Non-Private Passenger, broken down by component.

page 2 of 10

New Brunswick

Non Private Passenger ending 2018		New Brunswick - Projected Balances as at Dec. 31, 2018 (\$000s)							
		nominal values				actuarial present value adjustments (apvs)			
Acc Yr	Case	IBNR	Retro Claims Fee & Expense	Total Unpaid	discount	investment PfAD	development PfAD	Total apvs	TOTAL
prior	-	(2)	-	(2)	-	-	-	-	(2)
1999	-	(2)	-	(2)	-	-	-	-	(2)
2000	-	(2)	-	(2)	-	-	-	-	(2)
2001	-	-	-	-	-	-	-	-	-
2002	1	4	-	5	-	-	1	1	6
2003	-	(2)	1	(1)	-	-	-	-	(1)
2004	-	-	9	9	-	-	1	1	10
2005	(1)	(5)	4	(2)	-	-	1	1	(1)
2006	86	4	(16)	74	(3)	-	11	8	82
2007	-	3	25	28	-	-	3	3	31
2008	28	-	27	55	(8)	-	6	(2)	53
2009	108	(1)	44	151	(19)	2	13	(4)	147
2010	362	2	68	432	(26)	3	41	18	450
2011	278	(1)	85	362	(16)	1	36	21	383
2012	506	(4)	110	612	(27)	2	59	34	646
2013	3,225	58	229	3,512	(149)	13	344	208	3,720
2014	647	81	170	898	(37)	3	89	55	953
2015	1,502	40	163	1,705	(73)	9	180	116	1,821
2016	542	542	169	1,253	(69)	8	153	92	1,345
2017	1,369	711	122	2,202	(155)	16	268	129	2,331
PAYs (sub-total):	8,653	1,426	1,210	11,289	(582)	57	1,206	681	11,970
CAY (2018)	1,631	1,789	118	3,538	(255)	25	402	172	3,710
claims liabilities:	10,284	3,215	1,328	14,827	(837)	82	1,608	853	15,680
	Unearned Premium	Premium Deficiency / (DPAC)		Total Provision	discount	investment PfAD	development PfAD	Total apvs	TOTAL*
premium liabilities:	4,889	(376)		4,513	(150)	15	213	78	4,513
*Total may not be sum of parts, as apvs apply to future costs within UPR									
policy liabilities:				19,340	(987)	97	1,821	931	20,193

EXHIBIT H-2

Projected Year-end Policy Liabilities

Non-Private Passenger

The table below presents the projected policy liabilities as at December 31, 2019 for Non-Private Passenger, broken down by component.

page 3 of 10

Nova Scotia

Non Private Passenger ending 2019	Nova Scotia - 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	-	5	-	5	-	-	-	-	5
2000	-	1	-	1	-	-	-	-	1
2001	-	1	-	1	-	-	-	-	1
2002	-	2	-	2	-	-	-	-	2
2003	-	(5)	-	(5)	-	-	1	1	(4)
2004	-	5	-	5	-	-	1	1	6
2005	-	3	7	10	-	-	1	1	11
2006	-	(1)	6	5	-	-	1	1	6
2007	-	(4)	8	4	-	-	1	1	5
2008	-	(4)	11	7	-	-	1	1	8
2009	-	(6)	21	15	-	-	3	3	18
2010	-	(1)	28	27	-	-	3	3	30
2011	7	(5)	33	35	(2)	-	3	1	36
2012	54	(4)	59	109	(8)	2	11	5	114
2013	1,454	-	74	1,528	(71)	13	145	87	1,615
2014	911	224	153	1,288	(38)	8	129	99	1,387
2015	688	116	67	871	(23)	3	98	78	949
2016	1,430	287	116	1,833	(53)	10	216	173	2,006
2017	2,251	553	110	2,914	(97)	18	349	270	3,184
2018	1,939	1,452	154	3,545	(130)	21	435	326	3,871
PAYs (sub-total):	8,734	2,619	847	12,200	(422)	75	1,398	1,051	13,251
CAY (2019)	2,597	3,003	182	5,782	(232)	40	694	502	6,284
claims liabilities:	11,331	5,622	1,029	17,982	(654)	115	2,092	1,553	19,535
	Unearned Premium	Premium Deficiency / (DPAC)		Total Provision	discount	investment PfAD	development PfAD	Total apvs	TOTAL*
premium liabilities:	6,515	(482)		6,033	(141)	24	381	264	6,033
*Total may not be sum of parts, as apvs apply to future costs within UPR									
policy liabilities:				24,015	(795)	139	2,473	1,817	25,568

EXHIBIT H-2
Projected Year-end Policy Liabilities
Non-Private Passenger

The table below presents the projected policy liabilities as at December 31, 2019 for Non-Private Passenger, broken down by component.

page 4 of 10

Prince Edward Island

Non Private Passenger ending 2019	Prince Edward Island - 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	-	(1)	-	(1)	-	-	-	-	(1)
2004	-	-	-	-	-	-	-	-	-
2005	-	-	1	1	-	-	-	-	1
2006	-	-	3	3	-	-	-	-	3
2007	-	-	1	1	-	-	-	-	1
2008	-	-	2	2	-	-	-	-	2
2009	-	-	-	-	-	-	-	-	-
2010	-	(1)	6	5	-	-	1	1	6
2011	-	1	9	10	-	-	1	1	11
2012	296	-	12	308	(36)	6	27	(3)	305
2013	45	1	17	63	(4)	-	7	3	66
2014	43	6	19	68	(7)	1	7	1	69
2015	(1)	42	19	60	(5)	-	10	5	65
2016	1,000	148	52	1,200	(51)	8	119	76	1,276
2017	369	474	46	889	(31)	5	89	63	952
2018	528	490	26	1,044	(32)	5	125	98	1,142
PAYs (sub-total):	2,280	1,160	213	3,653	(166)	25	386	245	3,898
CAY (2019)	409	927	20	1,356	(42)	7	165	130	1,486
claims liabilities:	2,689	2,087	233	5,009	(208)	32	551	375	5,384
	Unearned Premium	Premium Deficiency / (DPAC)		Total Provision	discount	investment PfAD	development PfAD	Total apvs	TOTAL*
premium liabilities:	1,282	(100)		1,182	(28)	4	80	56	1,182
*Total may not be sum of parts, as apvs apply to future costs within UPR									
policy liabilities:				6,191	(236)	36	631	431	6,566

EXHIBIT H-2

Projected Year-end Policy Liabilities

Non-Private Passenger

The table below presents the projected policy liabilities as at December 31, 2019 for Non-Private Passenger, broken down by component.

page 5 of 10

Ontario

Non Private Passenger 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	306	13	(1)	318	-	-	34	34	352
2000	-	(1)	1	-	-	-	-	-	-
2001	-	(6)	(1)	(7)	-	-	1	1	(6)
2002	1	6	24	31	-	-	3	3	34
2003	(1)	(11)	76	64	-	-	9	9	73
2004	99	20	117	236	(16)	2	22	8	244
2005	-	(1)	72	71	-	-	7	7	78
2006	88	17	113	218	(15)	2	20	7	225
2007	1	(2)	116	115	(10)	2	11	3	118
2008	28	9	116	153	(13)	3	15	5	158
2009	475	(10)	223	688	(58)	10	63	15	703
2010	32	7	216	255	(14)	2	25	13	268
2011	747	44	326	1,117	(69)	11	105	47	1,164
2012	809	149	397	1,355	(37)	7	132	102	1,457
2013	4,839	75	750	5,664	(272)	45	538	311	5,975
2014	1,844	150	734	2,728	(77)	11	300	234	2,962
2015	8,476	(443)	950	8,983	(269)	45	921	697	9,680
2016	4,744	815	847	6,406	(185)	26	654	495	6,901
2017	3,787	2,338	635	6,760	(250)	43	922	715	7,475
2018	6,231	6,089	1,516	13,836	(547)	98	1,821	1,372	15,208
PAYs (sub-total):	32,506	9,258	7,227	48,991	(1,832)	307	5,603	4,078	53,069
CAY (2019)	8,504	20,551	1,482	30,537	(1,252)	214	4,474	3,436	33,973
claims liabilities:	41,010	29,809	8,709	79,528	(3,084)	521	10,077	7,514	87,042
	Unearned Premium	Premium Deficiency / (DPAC)		Total Provision	discount	investment PfAD	development PfAD	Total apvs	TOTAL*
premium liabilities:	46,895	(2,907)		43,988	(1,011)	166	2,416	1,571	43,988
*Total may not be sum of parts, as apvs apply to future costs within UPR									
policy liabilities:				123,516	(4,095)	687	12,493	9,085	131,030

EXHIBIT H-2
Projected Year-end Policy Liabilities
Non-Private Passenger

The table below presents the projected policy liabilities as at December 31, 2019 for Non-Private Passenger, broken down by component.

page 6 of 10

Alberta

Non Private Passenger 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	(1)	13	(1)	11	-	-	5	5	16
2000	-	-	(1)	(1)	-	-	-	-	(1)
2001	-	11	-	11	-	-	1	1	12
2002	-	4	1	5	-	-	-	-	5
2003	-	(5)	5	-	-	-	2	2	2
2004	31	23	1	55	(3)	1	5	3	58
2005	-	(4)	21	17	-	-	2	2	19
2006	3	(28)	25	-	-	-	6	6	6
2007	29	11	303	343	(11)	2	33	24	367
2008	(14)	491	324	801	(67)	12	73	18	819
2009	42	5	214	261	(24)	4	24	4	265
2010	-	6	80	86	-	-	9	9	95
2011	1,173	41	36	1,250	(88)	15	117	44	1,294
2012	1,254	60	180	1,494	(72)	12	142	82	1,576
2013	4,703	(616)	207	4,294	(171)	26	413	268	4,562
2014	1,367	257	284	1,908	(49)	7	185	143	2,051
2015	5,540	1,143	274	6,957	(203)	35	681	513	7,470
2016	8,167	1,725	187	10,079	(343)	60	1,080	797	10,876
2017	7,915	2,952	276	11,143	(390)	67	1,347	1,024	12,167
2018	13,603	4,446	763	18,812	(779)	129	2,367	1,717	20,529
PAYs (sub-total):	43,812	10,535	3,179	57,526	(2,200)	370	6,492	4,662	62,188
CAY (2019)	11,161	21,309	(319)	32,151	(1,286)	225	3,598	2,537	34,688
claims liabilities:	54,973	31,844	2,860	89,677	(3,486)	595	10,090	7,199	96,876
	Unearned Premium	Premium Deficiency / (DPAC)		Total Provision	discount	investment PfAD	development PfAD	Total apvs	TOTAL*
premium liabilities:	45,499	(3,594)		41,905	(1,054)	154	2,389	1,489	41,905
*Total may not be sum of parts, as apvs apply to future costs within UPR									
policy liabilities:				131,582	(4,540)	749	12,479	8,688	138,781

EXHIBIT H-2

Projected Year-end Policy Liabilities

Non-Private Passenger

The table below presents the projected policy liabilities as at December 31, 2019 for Non-Private Passenger, broken down by component.

page 7 of 10

Yukon

Non Private Passenger ending 2019		Yukon - Projected Balances as at Dec. 31, 2019 (\$000s)							
Acc Yr	nominal values				actuarial present value adjustments (apvs)				TOTAL
	Case	IBNR	Retro Claims Fee & Expense	Total Unpaid	discount	investment PfAD	development PfAD	Total apvs	
prior	-	1	-	1	-	-	-	-	1
2000	-	-	-	-	-	-	-	-	-
2001	-	-	-	-	-	-	-	-	-
2002	-	-	-	-	-	-	-	-	-
2003	-	-	-	-	-	-	-	-	-
2004	-	-	-	-	-	-	-	-	-
2005	-	-	-	-	-	-	-	-	-
2006	-	-	-	-	-	-	-	-	-
2007	-	-	-	-	-	-	-	-	-
2008	-	1	-	1	-	-	-	-	1
2009	-	-	10	10	-	-	1	1	11
2010	-	-	2	2	-	-	-	-	2
2011	-	-	3	3	-	-	-	-	3
2012	-	1	4	5	-	-	-	-	5
2013	-	2	6	8	-	-	1	1	9
2014	-	6	7	13	-	-	2	2	15
2015	-	17	(21)	(4)	-	-	3	3	(1)
2016	-	45	(3)	42	(1)	-	6	5	47
2017	-	126	53	179	(5)	1	26	22	201
2018	711	64	43	818	(32)	5	102	75	893
PAYs (sub-total):	711	263	104	1,078	(38)	6	141	109	1,187
CAY (2019)	249	294	(15)	528	(17)	3	64	50	578
claims liabilities:	960	557	89	1,606	(55)	9	205	159	1,765
	Unearned Premium	Premium Deficiency / (DPAC)	Total Provision		discount	investment PfAD	development PfAD	Total apvs	TOTAL*
premium liabilities:	675	(55)		620	(12)	2	31	21	620
*Total may not be sum of parts, as apvs apply to future costs within UPR									
policy liabilities:				2,226	(67)	11	236	180	2,385

EXHIBIT H-2

Projected Year-end Policy Liabilities

Non-Private Passenger

The table below presents the projected policy liabilities as at December 31, 2019 for Non-Private Passenger, broken down by component.

page 8 of 10

Northwest Territories

Non Private Passenger ending 2019	Northwest Territories - 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	-	2	-	2	-	-	-	-	2
	2000	-	-	-	-	-	-	-	-	-
	2001	-	-	-	-	-	-	-	-	-
	2002	-	-	-	-	-	-	-	-	-
	2003	-	(1)	-	(1)	-	-	-	-	(1)
	2004	-	-	-	-	-	-	-	-	-
	2005	-	-	-	-	-	-	-	-	-
	2006	-	1	-	1	-	-	-	-	1
	2007	-	-	-	-	-	-	-	-	-
	2008	-	-	-	-	-	-	-	-	-
	2009	-	-	-	-	-	-	-	-	-
	2010	-	1	2	3	-	-	-	-	3
	2011	-	-	3	3	-	-	-	-	3
	2012	-	-	5	5	-	-	1	1	6
	2013	503	16	6	525	(16)	3	51	38	563
	2014	-	29	7	36	(1)	-	4	3	39
	2015	-	21	1	22	(1)	-	3	2	24
	2016	13	56	8	77	(2)	-	8	6	83
	2017	-	128	(11)	117	(5)	1	19	15	132
	2018	95	150	2	247	(10)	2	33	25	272
	PAYs (sub-total):	611	403	23	1,037	(35)	6	119	90	1,127
	CAY (2019)	370	213	(20)	563	(26)	5	72	51	614
	claims liabilities:	981	616	3	1,600	(61)	11	191	141	1,741
		Unearned Premium	Premium Deficiency / (DPAC)		Total Provision	discount	investment PfAD	development PfAD	Total apvs	TOTAL*
	premium liabilities:	725	(59)		666	(7)	1	21	15	666
						*Total may not be sum of parts, as apvs apply to future costs within UPR				
	policy liabilities:	2,266				(68)	12	212	156	2,407

EXHIBIT H-2
Projected Year-end Policy Liabilities
Non-Private Passenger

The table below presents the projected policy liabilities as at December 31, 2019 for Non-Private Passenger, broken down by component.

page 9 of 10

Nunavut

Non Private Passenger ending 2019		Nunavut - 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	-	-	-	-	-	-	-	-	-	
2000	-	-	-	-	-	-	-	-	-	
2001	-	-	-	-	-	-	-	-	-	
2002	-	-	-	-	-	-	-	-	-	
2003	-	-	-	-	-	-	-	-	-	
2004	-	-	-	-	-	-	-	-	-	
2005	-	-	-	-	-	-	-	-	-	
2006	-	-	-	-	-	-	-	-	-	
2007	-	-	-	-	-	-	-	-	-	
2008	-	-	-	-	-	-	-	-	-	
2009	-	-	-	-	-	-	-	-	-	
2010	-	-	1	1	-	-	-	-	1	
2011	-	-	2	2	-	-	-	-	2	
2012	-	-	3	3	-	-	-	-	3	
2013	-	13	3	16	-	-	1	1	17	
2014	192	4	(6)	190	(2)	-	20	18	208	
2015	81	13	4	98	(3)	-	9	6	104	
2016	-	39	5	44	(1)	-	5	4	48	
2017	-	86	5	91	(3)	1	12	10	101	
2018	37	151	1	189	(7)	1	21	15	204	
PAYs (sub-total):	310	306	18	634	(16)	2	68	54	688	
CAY (2019)	44	204	(18)	230	(10)	2	30	22	252	
claims liabilities:	354	510	-	864	(26)	4	98	76	940	
	Unearned Premium	Premium Deficiency / (DPAC)	Total Provision		discount	investment PfAD	development PfAD	Total apvs	TOTAL*	
premium liabilities:	414	(34)	380		(7)	1	13	7	380	
*Total may not be sum of parts, as apvs apply to future costs within UPR										
policy liabilities:	1,244				(33)	5	111	83	1,320	

EXHIBIT H-2
Projected Year-end Policy Liabilities
Non-Private Passenger

The table below presents the projected policy liabilities as at December 31, 2019 for Non-Private Passenger, broken down by component.

page 10 of 10

All Jurisdictions

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	305	29	(2)	332	-	-	39	39	371
2000	-	(2)	-	(2)	-	-	-	-	(2)
2001	-	8	(2)	6	-	-	2	2	8
2002	2	16	25	43	-	-	4	4	47
2003	(1)	(26)	82	55	-	-	12	12	67
2004	130	47	118	295	(19)	3	28	12	307
2005	(1)	(5)	100	94	-	-	11	11	105
2006	90	(12)	158	236	(15)	2	28	15	251
2007	30	7	447	484	(21)	4	47	30	514
2008	42	497	477	1,016	(85)	15	95	25	1,041
2009	622	(4)	477	1,095	(91)	15	102	26	1,121
2010	366	16	394	776	(34)	5	76	47	823
2011	2,349	31	500	2,880	(210)	35	277	102	2,982
2012	2,980	239	774	3,993	(187)	32	382	227	4,220
2013	13,449	(209)	1,192	14,432	(623)	101	1,381	859	15,291
2014	4,548	846	1,348	6,742	(194)	31	713	550	7,292
2015	16,649	1,039	1,549	19,237	(573)	95	1,960	1,482	20,719
2016	16,960	3,498	1,404	21,862	(698)	115	2,330	1,747	23,609
2017	17,757	7,306	1,245	26,308	(914)	158	3,251	2,495	28,803
2018	28,492	13,874	2,796	45,162	(1,780)	299	5,670	4,189	49,351
PAYs (sub-total):	104,769	27,195	13,082	145,046	(5,444)	910	16,408	11,874	156,920
CAY (2019)	28,585	50,733	1,606	80,924	(3,267)	566	10,197	7,496	88,420
claims liabilities:	133,354	77,928	14,688	225,970	(8,711)	1,476	26,605	19,370	245,340
	Unearned Premium	Premium Deficiency / (DPAC)		Total Provision	discount	investment PfAD	development PfAD	Total apvs	TOTAL*
premium liabilities:	111,990	(7,984)		104,006	(2,495)	388	5,866	3,759	104,006
*Total may not be sum of parts, as apvs apply to future costs within UPR									
policy liabilities:				329,976	(11,206)	1,864	32,471	23,129	349,346

EXHIBIT H-3
Projected Year-end Policy Liabilities
TOTAL

(Private Passenger & Non-Private Passenger)

The table below presents the projected policy liabilities for both business segments combined (i.e. Private Passenger plus Non-Private Passenger) as at December 31, 2019, broken down by component.

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)				TOTAL
Acc Yr	Case	IBNR	Retro Claims Fee & Expense	Total Unpaid	discount	investment PfAD	development PfAD	Total apvs	
prior	-	(4)	-	(4)	-	-	2	2	(2)
2000	-	(3)	-	(3)	-	-	-	-	(3)
2001	-	(3)	(6)	(9)	-	-	1	1	(8)
2002	-	1	-	1	-	-	-	-	1
2003	-	-	1	1	-	-	-	-	1
2004	(1)	(11)	-	(12)	-	-	1	1	(11)
2005	-	5	8	13	-	-	1	1	14
2006	-	4	4	8	-	-	-	-	8
2007	28	(4)	9	33	(2)	-	3	1	34
2008	92	3	23	118	(9)	1	12	4	122
2009	82	8	34	124	(10)	1	12	3	127
2010	(1)	(4)	71	66	-	-	8	8	74
2011	685	(2)	120	803	(86)	14	71	(1)	802
2012	2,009	4	177	2,190	(88)	14	210	136	2,326
2013	924	17	183	1,124	(35)	6	111	82	1,206
2014	2,769	(140)	139	2,768	(96)	15	316	235	3,003
2015	4,492	13	455	4,960	(141)	25	499	383	5,343
2016	5,914	69	408	6,391	(174)	30	671	527	6,918
2017	6,352	656	199	7,207	(207)	34	774	601	7,808
2018	11,312	1,243	605	13,160	(396)	60	1,395	1,059	14,219
PAYs (sub-total):	34,657	1,852	2,430	38,939	(1,244)	200	4,087	3,043	41,982
CAY (2019)	11,962	2,743	438	15,143	(501)	81	1,570	1,150	16,293
claims liabilities:	46,619	4,595	2,868	54,082	(1,745)	281	5,657	4,193	58,275
	Unearned Premium	Premium Deficiency / (DPAC)		Total Provision	discount	investment PfAD	development PfAD	Total apvs	TOTAL*
premium liabilities:	15,536	(1,469)		14,067	(365)	59	941	635	14,067
*Total may not be sum of parts, as apvs apply to future costs within UPR									
policy liabilities:				68,149	(2,110)	340	6,598	4,828	72,342

EXHIBIT H-3
Projected Year-end Policy Liabilities
TOTAL

(Private Passenger & Non-Private Passenger)

The table below presents the projected policy liabilities for both business segments combined (i.e. Private Passenger plus Non-Private Passenger) as at December 31, 2019, broken down by component.

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)				
Acc Yr	Case	IBNR	Retro Claims Fee & Expense	Total Unpaid	discount	investment PfAD	development PfAD	Total apvs	TOTAL	
prior	2	9	-	11	-	-	2	2	13	
2000	-	1	-	1	-	-	-	-	1	
2001	-	(1)	-	(1)	-	-	-	-	(1)	
2002	(1)	(5)	(1)	(7)	-	-	2	2	(5)	
2003	217	(8)	3	212	(13)	2	20	9	221	
2004	-	1	1	2	-	-	-	-	2	
2005	1	3	(8)	(4)	-	-	3	3	(1)	
2006	(3)	(11)	23	9	-	-	3	3	12	
2007	(1)	(4)	32	27	-	-	5	5	32	
2008	57	(2)	33	88	(10)	-	10	-	88	
2009	304	-	-	304	(16)	2	28	14	318	
2010	518	26	88	632	(32)	5	61	34	666	
2011	46	18	136	200	(8)	2	30	24	224	
2012	718	98	184	1,000	(41)	7	97	63	1,063	
2013	2,414	369	223	3,006	(112)	19	289	196	3,202	
2014	312	290	297	899	(26)	6	104	84	983	
2015	3,362	345	382	4,089	(104)	18	430	344	4,433	
2016	2,687	538	230	3,455	(102)	19	381	298	3,753	
2017	2,562	2,223	194	4,979	(185)	32	654	501	5,480	
2018	3,792	3,530	295	7,617	(333)	56	960	683	8,300	
PAYs (sub-total):	16,987	7,420	2,112	26,519	(982)	168	3,079	2,265	28,784	
CAY (2019)	4,200	7,077	383	11,660	(543)	87	1,414	958	12,618	
claims liabilities:	21,187	14,497	2,495	38,179	(1,525)	255	4,493	3,223	41,402	
	Unearned Premium	Premium Deficiency / (DPAC)		Total Provision	discount	investment PfAD	development PfAD	Total apvs	TOTAL*	
premium liabilities:	12,958	(1,207)		11,751	(320)	50	752	482	11,751	
*Total may not be sum of parts, as apvs apply to future costs within UPR										
policy liabilities:				49,930	(1,845)	305	5,245	3,705	53,153	

EXHIBIT H-3
Projected Year-end Policy Liabilities
TOTAL

(Private Passenger & Non-Private Passenger)

The table below presents the projected policy liabilities for both business segments combined (i.e. Private Passenger plus Non-Private Passenger) as at December 31, 2019, broken down by component.

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)	8	(1)	6	-	-	2	2	8
2000	-	1	-	1	-	-	-	-	1
2001	-	4	-	4	-	-	-	-	4
2002	1	12	1	14	-	-	1	1	15
2003	(1)	(13)	-	(14)	-	-	2	2	(12)
2004	14	8	(2)	20	(1)	-	3	2	22
2005	8	61	34	103	(6)	1	11	6	109
2006	-	(5)	30	25	-	-	3	3	28
2007	101	(4)	40	137	(3)	-	14	11	148
2008	-	7	42	49	-	-	5	5	54
2009	213	4	68	285	(25)	4	28	7	292
2010	126	5	70	201	(17)	3	19	5	206
2011	8	(1)	67	74	(2)	-	7	5	79
2012	204	(43)	112	273	(14)	3	27	16	289
2013	1,566	(19)	137	1,684	(76)	14	160	98	1,782
2014	1,631	125	270	2,026	(63)	12	203	152	2,178
2015	1,099	143	114	1,356	(39)	5	156	122	1,478
2016	2,131	587	198	2,916	(87)	15	359	287	3,203
2017	2,793	1,473	191	4,457	(150)	28	549	427	4,884
2018	4,217	2,718	281	7,216	(262)	43	887	668	7,884
PAYs (sub-total):	14,110	5,071	1,652	20,833	(745)	128	2,436	1,819	22,652
CAY (2019)	6,004	6,617	380	13,001	(514)	90	1,566	1,142	14,143
claims liabilities:	20,114	11,688	2,032	33,834	(1,259)	218	4,002	2,961	36,795
	Unearned Premium	Premium Deficiency / (DPAC)		Total Provision	discount	investment PfAD	development PfAD	Total apvs	TOTAL*
premium liabilities:	14,650	(1,361)		13,289	(325)	52	947	674	13,350
policy liabilities:				47,123	(1,584)	270	4,949	3,635	50,145

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

EXHIBIT H-3
Projected Year-end Policy Liabilities
TOTAL

(Private Passenger & Non-Private Passenger)

The table below presents the projected policy liabilities for both business segments combined (i.e. Private Passenger plus Non-Private Passenger) as at December 31, 2019, broken down by component.

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	-	4	-	-	-	-	4
2005	-	(4)	8	4	-	-	1	1	5
2006	-	-	14	14	-	-	1	1	15
2007	-	(1)	4	3	-	-	-	-	3
2008	-	(1)	5	4	-	-	-	-	4
2009	-	-	-	-	-	-	-	-	-
2010	4	(113)	15	(94)	10	(2)	12	20	(74)
2011	-	-	23	23	-	-	2	2	25
2012	296	-	32	328	(36)	6	29	(1)	327
2013	45	(1)	41	85	(4)	-	9	5	90
2014	63	(15)	45	93	(7)	1	10	4	97
2015	843	60	44	947	(35)	5	101	71	1,018
2016	1,228	259	130	1,617	(64)	10	167	113	1,730
2017	1,035	585	116	1,736	(51)	9	177	135	1,871
2018	859	869	62	1,790	(59)	9	222	172	1,962
PAYs (sub-total):	4,373	1,638	539	6,550	(246)	38	731	523	7,073
CAY (2019)	675	1,437	40	2,152	(73)	12	269	208	2,360
claims liabilities:	5,048	3,075	579	8,702	(319)	50	1,000	731	9,433
	Unearned Premium	Premium Deficiency / (DPAC)		Total Provision	discount	investment PfAD	development PfAD	Total apvs	TOTAL*
premium liabilities:	2,476	(229)		2,247	(54)	8	143	97	2,247
*Total may not be sum of parts, as apvs apply to future costs within UPR									
policy liabilities:				10,949	(373)	58	1,143	828	11,680

EXHIBIT H-3
Projected Year-end Policy Liabilities
TOTAL

(Private Passenger & Non-Private Passenger)

The table below presents the projected policy liabilities for both business segments combined (i.e. Private Passenger plus Non-Private Passenger) as at December 31, 2019, broken down by component.

page 5 of 10

Ontario

Ontario - Projected Balances as at Dec. 31, 2019 (\$'000s)									
PPV & non-PPV ending 2019	nominal values				actuarial present value adjustments (apvs)				TOTAL
	Case	IBNR	Retro Claims Fee & Expense	Total Unpaid	discount	investment PfAD	development PfAD	Total apvs	
prior	3,632	98	(4)	3,726	(63)	11	380	328	4,054
2000	2	10	3	15	-	-	1	1	16
2001	-	-	(3)	(3)	-	-	2	2	(1)
2002	427	(1)	109	535	(25)	4	52	31	566
2003	2,058	(753)	625	1,930	(108)	18	185	95	2,025
2004	589	97	820	1,506	(95)	15	141	61	1,567
2005	6	(33)	298	271	(14)	2	31	19	290
2006	354	18	361	733	(56)	8	68	20	753
2007	1,906	280	355	2,541	(216)	36	233	53	2,594
2008	344	168	356	868	(76)	13	80	17	885
2009	2,091	118	603	2,812	(247)	42	257	52	2,864
2010	613	166	493	1,272	(79)	13	120	54	1,326
2011	1,798	142	721	2,661	(197)	31	247	81	2,742
2012	1,804	211	813	2,828	(149)	25	269	145	2,973
2013	5,623	(4)	1,221	6,840	(340)	55	648	363	7,203
2014	5,030	166	1,112	6,308	(239)	40	661	462	6,770
2015	9,685	(861)	1,361	10,185	(307)	51	1,064	808	10,993
2016	5,613	1,230	1,213	8,056	(236)	34	828	626	8,682
2017	4,306	3,426	902	8,634	(321)	56	1,194	929	9,563
2018	7,607	8,190	1,975	17,772	(712)	126	2,347	1,761	19,533
PAYs (sub-total):	53,488	12,668	13,334	79,490	(3,480)	580	8,808	5,908	85,398
CAY (2019)	12,488	26,241	1,939	40,668	(1,688)	285	5,993	4,590	45,258
claims liabilities:	65,976	38,909	15,273	120,158	(5,168)	865	14,801	10,498	130,656
	Unearned Premium	Premium Deficiency / (DPAC)		Total Provision	discount	investment PfAD	development PfAD	Total apvs	TOTAL*
premium liabilities:	61,200	(3,751)		57,449	(1,273)	208	3,203	2,138	57,449
*Total may not be sum of parts, as apvs apply to future costs within UPR									
policy liabilities:				177,607	(6,441)	1,073	18,004	12,636	188,105

EXHIBIT H-3
Projected Year-end Policy Liabilities
TOTAL

(Private Passenger & Non-Private Passenger)

The table below presents the projected policy liabilities for both business segments combined (i.e. Private Passenger plus Non-Private Passenger) as at December 31, 2019, broken down by component.

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	(2)	27	(1)	24	-	-	16	16	40	
2000	(1)	(13)	(3)	(17)	-	-	1	1	(16)	
2001	-	22	-	22	-	-	2	2	24	
2002	(1)	(8)	3	(6)	-	-	1	1	(5)	
2003	41	(50)	18	9	(1)	-	3	2	11	
2004	31	(2)	4	33	(3)	1	8	6	39	
2005	95	14	43	152	(10)	1	14	5	157	
2006	9	(16)	37	30	-	-	9	9	39	
2007	30	21	392	443	(11)	2	43	34	477	
2008	(14)	497	412	895	(67)	12	83	28	923	
2009	42	(3)	272	311	(24)	4	31	11	322	
2010	(1)	18	104	121	(3)	-	12	9	130	
2011	2,141	54	47	2,242	(113)	19	214	120	2,362	
2012	1,326	82	228	1,636	(75)	12	156	93	1,729	
2013	4,795	(523)	258	4,530	(177)	27	436	286	4,816	
2014	2,807	364	348	3,519	(88)	13	342	267	3,786	
2015	5,780	1,499	331	7,610	(220)	37	746	563	8,173	
2016	9,526	2,045	220	11,791	(401)	70	1,265	934	12,725	
2017	8,214	3,622	317	12,153	(429)	74	1,472	1,117	13,270	
2018	15,102	4,893	858	20,853	(862)	143	2,631	1,912	22,765	
PAYs (sub-total):	49,920	12,543	3,888	66,351	(2,484)	415	7,485	5,416	71,767	
CAY (2019)	12,930	22,415	(348)	34,997	(1,400)	241	3,923	2,764	37,761	
claims liabilities:	62,850	34,958	3,540	101,348	(3,884)	656	11,408	8,180	109,528	
	Unearned Premium	Premium Deficiency / (DPAC)		Total Provision	discount	investment PfAD	development PfAD	Total apvs	TOTAL*	
premium liabilities:	49,783	(4,057)		45,726	(1,131)	166	2,589	1,624	45,726	
*Total may not be sum of parts, as apvs apply to future costs within UPR										
policy liabilities:	147,074				(5,015)	822	13,997	9,804	155,254	

EXHIBIT H-3
Projected Year-end Policy Liabilities
TOTAL

(Private Passenger & Non-Private Passenger)

The table below presents the projected policy liabilities for both business segments combined (i.e. Private Passenger plus Non-Private Passenger) as at December 31, 2019, broken down by component.

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	-	-	22	22	-	-	2	2	24	
2010	56	(17)	3	42	(4)	1	4	1	43	
2011	-	2	5	7	-	-	-	-	7	
2012	-	4	7	11	-	-	-	-	11	
2013	-	10	10	20	-	-	2	2	22	
2014	-	24	12	36	-	-	5	5	41	
2015	-	55	(37)	18	(1)	-	8	7	25	
2016	-	94	(4)	90	(3)	-	11	8	98	
2017	852	182	70	1,104	(40)	7	138	105	1,209	
2018	717	206	54	977	(38)	6	121	89	1,066	
PAYs (sub-total):	1,625	566	142	2,333	(86)	14	291	219	2,552	
CAY (2019)	285	445	(18)	712	(26)	4	87	65	777	
claims liabilities:	1,910	1,011	124	3,045	(112)	18	378	284	3,329	
	Unearned Premium	Premium Deficiency / (DPAC)		Total Provision	discount	investment PfAD	development PfAD	Total apvs	TOTAL*	
premium liabilities:	824	(71)		753	(16)	3	42	29	753	
*Total may not be sum of parts, as apvs apply to future costs within UPR										
policy liabilities:				3,798	(128)	21	420	313	4,082	

EXHIBIT H-3
Projected Year-end Policy Liabilities
TOTAL

(Private Passenger & Non-Private Passenger)

The table below presents the projected policy liabilities for both business segments combined (i.e. Private Passenger plus Non-Private Passenger) as at December 31, 2019, broken down by component.

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)				
	Acc Yr	Case	IBNR	Retro Claims Fee & Expense	Total Unpaid	discount	investment PfAD	development PfAD	Total apvs	TOTAL
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)	-	(3)	-	-	-	-	-	(3)
2008	-	3	-	3	-	-	-	-	-	3
2009	-	-	-	-	-	-	-	-	-	-
2010	-	-	10	10	-	-	1	1	1	11
2011	-	(1)	13	12	-	-	1	1	1	13
2012	-	5	18	23	-	-	3	3	3	26
2013	503	22	23	548	(16)	3	54	41	589	
2014	-	45	27	72	(1)	-	8	7	79	
2015	-	70	4	74	(3)	-	10	7	81	
2016	15	154	29	198	(6)	1	20	15	213	
2017	557	297	(40)	814	(34)	5	115	86	900	
2018	187	558	8	753	(32)	5	99	72	825	
PAYs (sub-total):	1,262	1,150	92	2,504	(92)	14	311	233	2,737	
CAY (2019)	674	635	(57)	1,252	(54)	10	162	118	1,370	
claims liabilities:	1,936	1,785	35	3,756	(146)	24	473	351	4,107	
	Unearned Premium	Premium Deficiency / (DPAC)		Total Provision	discount	investment PfAD	development PfAD	Total apvs	TOTAL*	
premium liabilities:	1,728	(168)		1,560	(22)	3	64	45	1,560	
*Total may not be sum of parts, as apvs apply to future costs within UPR										
policy liabilities:				5,316	(168)	27	537	396	5,667	

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

EXHIBIT H-3
Projected Year-end Policy Liabilities
TOTAL

(Private Passenger & Non-Private Passenger)

The table below presents the projected policy liabilities for both business segments combined (i.e. Private Passenger plus Non-Private Passenger) as at December 31, 2019, broken down by component.

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)				
	Acc Yr	Case	IBNR	Retro Claims Fee & Expense	Total Unpaid	discount	investment PfAD	development PfAD	Total apvs	TOTAL
prior	-	-	-	-	-	-	-	-	-	-
2000	-	-	-	-	-	-	-	-	-	-
2001	-	(1)	-	(1)	-	-	-	-	-	(1)
2002	-	(1)	-	(1)	-	-	-	-	-	(1)
2003	-	-	-	-	-	-	-	-	-	-
2004	-	-	-	-	-	-	-	-	-	-
2005	-	-	-	-	-	-	-	-	-	-
2006	-	-	-	-	-	-	-	-	-	-
2007	-	-	-	-	-	-	-	-	-	-
2008	-	1	-	1	-	-	-	-	-	1
2009	-	-	-	-	-	-	-	-	-	-
2010	-	-	3	3	-	-	-	-	-	3
2011	-	-	4	4	-	-	-	-	-	4
2012	158	1	7	166	(4)	1	16	13	179	
2013	-	14	8	22	-	-	2	2	24	
2014	192	7	(14)	185	(2)	-	21	19	204	
2015	81	21	9	111	(3)	-	11	8	119	
2016	-	62	9	71	(2)	-	7	5	76	
2017	6	113	7	126	(4)	1	16	13	139	
2018	39	175	1	215	(8)	1	24	17	232	
PAYs (sub-total):	476	392	34	902	(23)	3	97	77	979	
CAY (2019)	48	230	(21)	257	(11)	2	34	25	282	
claims liabilities:	524	622	13	1,159	(34)	5	131	102	1,261	
	Unearned Premium	Premium Deficiency / (DPAC)		Total Provision	discount	investment PfAD	development PfAD	Total apvs	TOTAL*	
premium liabilities:	490	(42)		448	(8)	1	15	8	448	
	*Total may not be sum of parts, as apvs apply to future costs within UPR									
policy liabilities:				1,607	(42)	6	146	110	1,709	

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

EXHIBIT H-3

Projected Year-end Policy Liabilities

TOTAL

(Private Passenger & Non-Private Passenger)

The table below presents the projected policy liabilities for both business segments combined (i.e. Private Passenger plus Non-Private Passenger) as at December 31, 2019, broken down by component.

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	3,631	144	(6)	3,769	(63)	11	402	350	4,119
2000	1	(6)	-	(5)	-	-	2	2	(3)
2001	-	23	(9)	14	-	-	5	5	19
2002	426	(1)	112	537	(25)	4	56	35	572
2003	2,315	(825)	647	2,137	(122)	20	210	108	2,245
2004	633	95	823	1,551	(99)	16	153	70	1,621
2005	110	46	383	539	(30)	4	61	35	574
2006	360	(12)	469	817	(56)	8	84	36	853
2007	2,064	285	832	3,181	(232)	38	298	104	3,285
2008	479	676	871	2,026	(162)	26	190	54	2,080
2009	2,732	127	999	3,858	(322)	53	358	89	3,947
2010	1,315	81	857	2,253	(125)	20	237	132	2,385
2011	4,678	212	1,136	6,026	(406)	66	572	232	6,258
2012	6,515	362	1,578	8,455	(407)	68	807	468	8,923
2013	15,870	(115)	2,104	17,859	(760)	124	1,711	1,075	18,934
2014	12,804	866	2,236	15,906	(522)	87	1,670	1,235	17,141
2015	25,342	1,345	2,663	29,350	(853)	141	3,025	2,313	31,663
2016	27,114	5,038	2,433	34,585	(1,075)	179	3,709	2,813	37,398
2017	26,677	12,577	1,956	41,210	(1,421)	246	5,089	3,914	45,124
2018	43,832	22,382	4,139	70,353	(2,702)	449	8,686	6,433	76,786
PAYs (sub-total):	176,898	43,300	24,223	244,421	(9,382)	1,560	27,325	19,503	263,924
CAY (2019)	49,266	67,840	2,736	119,842	(4,810)	812	15,018	11,020	130,862
claims liabilities:	226,164	111,140	26,959	364,263	(14,192)	2,372	42,343	30,523	394,786
	Unearned Premium	Premium Deficiency / (DPAC)		Total Provision	discount	investment PfAD	development PfAD	Total apvs	TOTAL*
premium liabilities:	159,645	(12,355)		147,290	(3,514)	550	8,696	5,732	147,351
*Total may not be sum of parts, as apvs apply to future costs within UPR									
policy liabilities:				511,553	(17,706)	2,922	51,039	36,255	542,137