

FACILITY ASSOCIATION RESIDUAL MARKET

AUGUST 2016 PARTICIPATION REPORT

ACTUARIAL HIGHLIGHTS

Related Bulletin: F16-079 FARM August 2016 Participation Report

Related Operating Results: <u>Summary of Operations – Calendar Year Results</u>

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ACTUARIAL HIGHLIGHTS

RESIDUAL MARKET

PARTICIPATION REPORT

AUGUST 2016

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1 Summary

1.1 Valuation Schedule (Fiscal Year 2016)

The August 2016 Participation Report incorporates the results of an updated valuation (as at June 30, 2016) – the impact of the implementation of the valuation is discussed in section 1.2. The table immediately below summarizes the implemented valuations and future scheduled valuations for fiscal year 2016.

	FARM FISCAL YEAR 2016 – SCHEDULE OF VALUATIONS									
Valuation Date	Discount Rate (per annum)	Participation Report	Description of Changes							
Sep. 30, 2015 (completed)	0.87% mfad: 25 bp	Oct. 2015	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, 2015 (completed)	0.81% mfad: 25 bp	Mar. 2016	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, 2016 (completed)	0.75% mfad: 25 bp	May 2016	updated valuation (roll forward): all jurisdictions; cash flow projections updated; discount rate updated; no changes to selected margins for adverse deviations (interest rate or claims development).							
Jun. 30, 2016 (completed)	0.69% mfad: 25 bp	Aug. 2016	updated valuation: all jurisdictions; cash flow projections updated; discount rate updated; selected margins for adverse claims development at coverage / half year level updated; claims expense ("excess legal") assumptions updated							
Sep. 30, 2016		Oct. 2016	update valuation (roll forward):							

Under the proposed schedule for fiscal year 2016, the "off-half" valuation quarters ending March 31, 2016 and September 30, 2016 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 APV Adjustments in Policy Liabilities related to Claims Fees and Allowed Claims Expenses

Accepted Actuarial Practice requires all policy liabilities recognize both the time value of money and provisions for adverse deviations. For member statement and financial statement reporting purposes,



we have historically applied actuarial present value adjustments only to the indemnity portion of the claims and premium liabilities, and explicitly NOT to provisions for certain specific reimbursed loss adjustment expenses ("claims fees and allowed claims expenses"¹) as allowed under IFRS 4, after having assessed and deemed actuarial present value adjustments related to the claims fee and allowed claims expenses as being not material.

FA management is currently reviewing this practice with the FA Appointed Actuary and may begin to include actuarial present value adjustments for "claims fees and allowed claims expenses" as part of the next FARM valuation, as at September 30, 2016 (2016 Q3). If this action is taken (which could result in a one-time impact of as much as \$7 million), detail will be provided with the FARM 2016 Q3 valuation highlights and FARM October 2016 participation reports and associated bulletins.

1.3 New Valuation

A valuation of the Facility Association Residual Market ("FARM") as at June 30, 2016 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 to be posted to the FA website at the same time as this report.

The valuation implementation impact is summarized in the tables at the top of the next page.

¹ Servicing Carriers for the Residual Market are compensated via an initial claims fee paid as a percentage of earned premium. This fee is retroactively adjusted and settled at age 72 months for each accident year based on the formula as laid out in the Plan of Operation. The claims fee is meant to cover Servicing Carrier costs for claims management and adjudication except for certain categories of claims expenses (first party legal and professional consulting fees as described in the Facility Association's "Claims Guide" manual under the "Legal & Professional Fees" section). These latter fees are reimbursable upon proof of closure of the applicable coverage of the claim, and upon verification of eligibility.

We refer to these fees/expenses collectively as "claims fees and allowed claims expense", or alternately as "retro 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.

At the current time, these "claims expense" type provisions are not adjusted to an actuarial present value basis, as per the practice that has been in place. This position is being reviewed by management and the Appointed Actuary.

Grand Total	unfav / <mark>(fav)</mark>									
		IMPACT in \$000s from changes in:								
	ultimate	s & payout	patterns	dsct rate	margins					
	nominal	apv adj.	sub-tot	apv adj.	apv adj.	TOTAL				
PAYs	(9,183)	(843)	(10,026)	514	(1,083)	(10,595)				
CAY	1,602	133	1,735	106	-	1,841				
Prem Def	(130)	80	(50)	18	-	(32)				
TOTAL	(7,711)	(630)	(8,341)	638	(1,083)	(8,786)				

Summary of Impact (\$000s) of Implementing Result of Valuation as at June 30, 2016²

As indicated in the table above, the incorporation of the new valuation had an estimated **\$8.8** *million favourable impact* on the month's net result from operations, subtracting an estimated 7.3 points (see table immediately below) from the **year-to-date Combined Operating Ratio** to end at **87.1%**.

Summary of Impact (% YTD EP) of Implementing Result of Valuation as at June 30, 2016

Grand Total	ytd EP	119,562	(actual)			
	IN	/IPACT unfa	v / (fav) as %	6 ytd EP fror	n changes in	:
	ultimates	s & payout	patterns	dsct rate	margins	
	nominal	apv adj.	sub-tot	apv adj.	apv adj.	TOTAL
PAYs	(7.7%)	(0.7%)	(8.4%)	0.4%	(0.9%)	(8.9%)
CAY	1.3%	0.1%	1.5%	0.1%	-	1.5%
Prem Def	(0.1%)	0.1%	-	-	-	-
TOTAL	(6.4%)	(0.5%)	(7.0%)	0.5%	(0.9%)	(7.3%)

The impact of the nominal changes is shown in the first 3 columns of the two preceding summary tables. The change in the selected nominal ultimates was favourable by \$8.3 million overall. This reflects the impact attributable to the change 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). The reduction in the discount rate to 0.69% had a \$0.6 million unfavourable impact, whereas changes to the selected margins for adverse claims development had a \$1.1 million favourable impact.

As discussed in section 1.2, actuarial present value adjustments are not currently determined for policy liabilities associated with claims fees and allowed claims expenses, having assessed and deemed as being not material (this is allowed under IFRS 4). However, this practice is under review with FA management and the FA Appointed Actuary and may begin to include actuarial present value adjustments for claims fees and allowed claims expenses as part of the next FARM valuation, as at September 30, 2016 (2016 Q3). If this action is taken, detail will be provided with the FARM 2016 Q3 valuation highlights and FARM October 2016 participation reports and associated bulletins.

²In these tables, "PAYs" refers to prior accident years, "CAY" refers to the current accident year, and "Prem Def" refers to the provision for premium deficiency or the deferred policy acquisition asset (as applicable). "Nominal" refers to changes excluding any actuarial present value adjustments, whereas "apv adj." refers to actuarial present value adjustments.

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



The valuation results and associated implementation impacts are discussed in more detail below.

1.3.a Valuation Results

The key results of the valuation by jurisdiction and business segment are summarized in the table at the top of the next page (for indemnity only), indicating an overall favourable prior accident year change of \$8.7 million (2.8% of the associated unpaid claims liabilities selected at March 31, 2016), and changes in the selected accident year 2016 nominal indemnity ratios projected to have an **unfavourable change** of \$2.5 million at December 31, 2016 (i.e. this latter estimate is in relation to estimated full year earned premium).

Jurisdiction	2015 & Prior Beginning Indemnity Unpaid (000s)	2015 & Prior Accident Year Indemnity Change (000s)	% of Beginning Unpaid	2016 Indemnity Loss Ratio	Change from Prior Valuation	Change against 2016 Earned Prem (000s)	2017 Indemnity Loss Ratio	Change from Prior Valuation	Change against 2017 Proj Earned Prem (000s)
	[1]	[2]	[3]	[4]	[5]	[6]	[7]	[8]	[9]
Ontario	111,115	(1,631)	(1.5%)	47.9%	(2.0%)	(789)	50.6%	(1.5%)	(581
PPV	48,925	(619)	(1.3%)	45.5%	0.8%	95	47.5%	(1.5%)	(170
Non-PPV	62,190	(1,012)	(1.6%)	49.0%	(3.2%)	(881)	52.0%	(1.5%)	(411
Alberta	77,868	(4,895)	(6.3%)	58.8%	3.3%	2,015	56.3%	(0.1%)	(61
PPV	22,708	(2,560)	(11.3%)	59.4%	(0.4%)	(40)	60.2%	(0.5%)	(49
Non-PPV	55,160	(2,335)	(4.2%)	58.7%	4.0%	2,044	55.6%	0.0%	-
Newfoundland & Labrador	52,075	(1,561)	(3.0%)	76.1%	0.7%	196	72.4%	(1.7%)	(485
PPV	34,945	(1,426)	(4.1%)	68.5%	1.5%	315	66.5%	(0.5%)	(105
Non-PPV	17,130	(135)	(0.8%)	99.0%	(1.4%)	(98)	88.6%	(5.0%)	(381
New Brunswick	27,062	992	3.7%	54.5%	0.9%	184	54.5%	(1.0%)	(212
PPV	16,886	225	1.3%	58.3%	0.9%	116	59.1%	(1.4%)	(186
Non-PPV	10,176	767	7.5%	48.1%	1.1%	84	47.0%	0.5%	40
Nova Scotia	23,847	(762)	(3.2%)	60.0%	3.6%	607	59.8%	4.2%	751
PPV	12,518	(115)	(0.9%)	63.7%	4.6%	324	63.1%	3.0%	222
Non-PPV	11,329	(647)	(5.7%)	57.4%	2.9%	285	57.5%	5.0%	523
Prince Edward Island	5,438	21	0.4%	53.7%	4.8%	227	46.9%	(0.8%)	(39
PPV	3,307	(10)	(0.3%)	52.6%	6.9%	197	42.0%	(1.5%)	(44
Non-PPV	2,131	31	1.5%	55.3%	1.5%	28	54.0%	0.0%	-
Yukon Territory	3,401	(107)	(3.1%)	51.3%	(2.5%)	(51)	54.7%	(0.2%)	(4
PPV	2,301	(31)	(1.3%)	67.2%	2.9%	22	63.1%	2.1%	15
Non-PPV	1,100	(76)	(6.9%)	42.0%	(5.1%)	(66)	50.0%	(1.0%)	(13
Northwest Territories	5,789	(503)	(8.7%)	41.6%	0.8%	38	42.5%	2.5%	117
PPV	3,941	(472)	(12.0%)	45.7%	0.2%	7	45.5%	1.5%	51
Non-PPV	1,848	(31)	(1.7%)	30.3%	1.5%	19	34.5%	4.0%	52
Nunavut	1,520	(268)	(17.6%)	39.6%	0.7%	11	33.8%	(2.0%)	(30
PPV	580	(144)	(24.8%)	31.2%	1.6%	11	26.6%	(2.5%)	(17
Non-PPV	940	(124)	(13.2%)	46.8%	(1.3%)		39.6%	(2.6%)	(21
Total	308,115	(8,714)	(2.8%)	57.9%	1.4%	2,505	57.0%	(0.2%)	(361

June 30, 2016 Valuation Summary (Indemnity Only)

In the above table, the columns [1] through [3] highlight the changes in prior accident years' results. Changes to the 2016 accident year indemnity loss ratios are summarized in columns [4] through [6]. Finally, columns [7] through [9] summarize the changes in the 2017 indemnity loss ratios.

The valuation process continues to rely on three main actuarial methodologies – the expected loss ratio method, the loss development method³, and the Bornhuetter-Ferguson method⁴. The valuation

³Also referred to as the chain ladder method or link ratio method.

⁴Three 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.



triangles are split by business segment (i.e. private passenger⁵ 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.

1.3.b Valuation Implementation

The implementation impact associated with this latest valuation is summarized in Table A below (total impact is favourable by \$8.8 million, or 1.8% of the \$481.6 million total member statement policy liabilities as at the end of last month). The valuation focused separately on nominal results for indemnity (see column [1]) and the allowed claims adjustment expenses for excess legal and for specific professional fees ratios (see column [3]). As the retroactive adjustments for Servicing Carrier claims fees are derived directly from accident year indemnity ratios to earned premium, these adjustments were updated to reflect the valuation results as well (see column [2]). Changes in nominal values will generate changes in actuarial present value adjustments, even if the discount rate and/or margins for adverse deviation are not changed. This valuation also saw changes to the selected discount rate (but no change to the selected investment rate margin), and claims development margins were updated at the jurisdiction / business segment / coverage / accident half-year level. The total changes in actuarial present value adjustments with the valuation implementation are shown in column [5].

Implementation Impact - re	2 C C C C C C C C C C C C C C C C C C C	n for month of Octo	ber 2016		(negative valu	es are favourable)
\$000s	indemnity	retroactive claims fee	allowed claims expenses	nominal total	actuarial present value	Grand Total
	[1]	[2]	[3]	[4]	[5]	[6]
prior accident years (1994- 2015)	(8,599)	(641)	57	(9,183)	(1,412)	(10,595)
current accident year claims incurred	1,633	34	(65)	1,602	239	1,841
premium deficiency / (DPAC)	(130)			(130)	98	(32)
TOTAL	(7,096)	(607)	(8)	(7,711)	(1,075)	(8,786)

Implementation Summary Table A (\$000s)

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

⁵As 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".



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 at the bottom of the previous page). As well, the selected ultimate ratio levels for allowed claims expenses ("excess legal") are reviewed annually with the June 30 valuation and were hence updated with this valuation, with the impact shown in column [3] of Table A on the previous page.

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 June 2016 (the selected yield curve is anchored with the valuation date).

"Implementation Summary Table B" (top of 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 B⁶ (\$000s)

(negative values are favourable)

			Total		
Jurisdiction / Business	updated LRs &	APVs @ 2016	updated dsct	updated margins	TOTAL
Segment	exp	Q1 dsct rate	rate	upuateu margins	TOTAL
	[17]	[18]	[19]	[20]	[21]
Ontario	(1,782)	(212)	257	(639)	(2,376)
PPV	(386)	(87)	130	(215)	(558)
Non-PPV	(1,396)	(125)	127	(424)	(1,818)
Alberta	(3,990)	(344)	129	(251)	(4,456)
PPV	(2,656)	(235)	33	(65)	(2,923)
Non-PPV	(1,334)	(109)	96	(186)	(1,533)
Newfoundland & Labrador	(1,601)	(40)	102	-	(1,539)
PPV	(1,265)	(9)	72	-	(1,202)
Non-PPV	(336)	(31)	30	-	(337)
New Brunswick	1,002	98	52	(115)	1,037
PPV	225	23	34	(48)	234
Non-PPV	777	75	18	(67)	803
Nova Scotia	(665)	(79)	65	(38)	(717)
PPV	(58)	(3)	34	(25)	(52)
Non-PPV	(607)	(76)	31	(13)	(665)
Prince Edward Island	326	25	11	(16)	346
PPV	218	20	7	(11)	234
Non-PPV	108	5	4	(5)	112
Yukon Territory	(150)	(12)	8	(3)	(157)
PPV	(22)	(3)	5	(2)	(22)
Non-PPV	(128)	(9)	3	(1)	(135)
Northwest Terrotories	(564)	(42)	10	(19)	(615)
PPV	(528)	(40)	8	(5)	(565)
Non-PPV	(36)	(2)	2	(14)	(50)
Nunavut	(287)	(24)	4	(2)	(309)
PPV	(148)	(14)	1	(1)	(162)
Non-PPV	(139)	(10)	3	(1)	(147)
Total	(7,711)	(630)	638	(1,083)	(8,786)

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 **\$7.7 million**.

With respect to the **actuarial present value adjustments** <u>prior to</u> **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, 2016 and ultimate selections from the latest applicable valuations – these changes contributed an estimated favourable impact of **\$0.6 million** (see Table B, column [18]).

Based on updated risk-free yield rates and the updated projected cash flows, the selected discount rate was <u>decreased</u> by 6 basis points from 0.75% to 0.69%, resulting in an estimated <u>unfavourable impact</u> of \$0.6 million (see Table B, column [19]). This impact is in line with the \$0.6 million change one would estimate through interpolation using last month's sensitivity table

⁶ Column [17] reflects the impact of changes in the valuation selected ultimates and column [18] reflects the impact of changes in claims payment patterns (i.e. updated valuation selected ultimates with APVs based on unchanged selection of discount rates and margins for adverse deviation). Column [19] reflects the impact of the change in the selected discount rate and column [20] reflects the impact of any changes in selected margins for adverse deviations.



(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, generating an overall **favourable impact** of **\$1.1 million** (see Table B, column [20]).

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

Implementation Summary Table C (\$000s)

Implementation Summary Tuble C (\$60003)									(IICS)	utive valu	co ar c ra	our abie)
unfav / <mark>(fav)</mark>							ytd EP	119,562	(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	n	ominal	apv adj.	sub-tot	apv adj.	apv adj.	TOTAL
(9,183)	(843)	(10,026)	514	(1,083)	(10,595)		(7.7%)	(0.7%)	(8.4%)	0.4%	(0.9%)	(8.9%)
1,602	133	1,735	106	-	1,841		1.3%	0.1%	1.5%	0.1%	-	1.5%
(130)	80	(50)	18	-	(32)		(0.1%)	0.1%	-	-	-	-
(7,711)	(630)	(8,341)	638	(1,083)	(8,786)		(6.4%)	(0.5%)	(7.0%)	0.5%	(0.9%)	(7.3%)
	ultimate nominal (9,183) 1,602 (130)	IMPA ultimates & payout nominal apv adj. (9,183) (843) 1,602 133 (130) 80	unfav IMPACT in \$000s ultimates & payout patterns nominal apv adj. sub-tot (9,183) (843) (10,026) 1,602 133 1,735 (130) 80 (50)	unfav / (fav) IMPACT in \$000s from chang ultimates & payout patterns dsct rate nominal apv adj. sub-tot apv adj. (9,183) (843) (10,026) 514 1,602 133 1,735 106 (130) 80 (50) 18	unfav / (fav) IMPACT in \$000s from changes in: ultimates & payout patterns dsct rate margins nominal apv adj. sub-tot apv adj. apv adj. (9,183) (843) (10,026) 514 (1,083) 1,602 133 1,735 106 - (130) 80 (50) 18 -	unfav / (fav) IMPACT in \$000s from changes in: ultimates & payout patterns dsct rate margins nominal apv adj. sub-tot apv adj. apv adj. (9,183) (843) (10,026) 514 (1,083) (10,595) 1,602 133 1,735 106 - 1,841 (130) 80 (50) 18 - (32)	unfav / (fav) IMPACT in \$000s from changes in: ultimates & payout patterns dsct rate margins nominal apv adj. sub-tot apv adj. TOTAL n (9,183) (843) (10,026) 514 (1,083) (10,595) 1,602 133 1,735 106 - 1,841 (130) 80 (50) 18 - (32)	unfav / (fav) ytd EP IMPACT in \$000s from changes in: IM ultimates & payout patterns dsct rate margins nominal apv adj. sub-tot apv adj. TOTAL (9,183) (843) (10,026) 514 (1,083) (10,595) 1,602 133 1,735 106 - 1,841 1.3% (130) 80 (50) 18 - (32) (0.1%)	unfav / (fav) ytd EP 119,562 IMPACT in \$000s from changes in: IMPACT unfa ultimates & payout patterns dsct rate margins ultimates & payout patterns nominal apv adj. sub-tot apv adj. apv adj. TOTAL (9,183) (843) (10,026) 514 (1,083) (10,595) (7.7%) (0.7%) 1,602 133 1,735 106 - 1,841 1.3% 0.1% (130) 80 (50) 18 - (32) (0.1%) 0.1%	unfav / (fav) ytd EP 119,562 (actual) IMPACT in \$000s from changes in: IMPACT in \$000s from changes in: ultimates & payout patterns dsct rate margins ultimates & payout patterns itmPACT unfav / (fav) as % nominal apv adj. sub-tot apv adj. TOTAL nominal apv adj. sub-tot (9,183) (843) (10,026) 514 (1,083) (10,595) (7.7%) (0.7%) (8.4%) 1,602 133 1,735 106 - 1,841 1.3% 0.1% 1.5% (130) 80 (50) 18 - (32) (0.1%) 0.1% -	unfav / (fav) ytd EP 119,562 (actual) IMPACT in \$000s from changes in: ultimates & payout patterns dsct rate margins ultimates & payout patterns dsct rate margins nominal apv adj. TOTAL (9,183) (843) (10,026) 514 (1,083) (10,595) 1,602 133 1,735 106 - 1,841 (130) 80 (50) 18 - (32)	unfav / (fav) ytd EP 119,562 (actual) IMPACT in \$000s from changes in: ultimates & payout patterns dsct rate margins nominal apv adj. sub-tot apv adj. TOTAL (9,183) (843) (10,026) 514 (1,083) (10,595) (7.7%) (0.7%) (8.4%) 0.4% (0.9%) 1,602 133 1,735 106 - 1,841 1.3% 0.1% 1.5% 0.1% - (130) 80 (50) 18 - (32) (0.1%) 0.1% - -

Finally, an updated projection to year-end with the new valuation assumptions is presented in "Implementation Summary Table D" (immediately below), allowing comparison to the full year projection included with the 2016 Final Outlook that was posted on October 28, 2015.

Implementation Summary Table D (\$000s)

(negative operating results are <u>unfavourable</u>)

(negative values are favourable)

	Outlook Po	Dutlook Posted October 28, 2015			Updated Year-end Projection			Operating Result Change due to Valuation	
\$000s	Earned Premium	Operating Result	COR	Earned Premium	Operating Result	COR	Month of August	Year-end 2016	
Ontario	45,033	2,790	94.0%	39,658	8,406	79.0%	2,376	2,604	
Alberta	70,498	7,300	89.8%	59,955	13,782	77.1%	4,456	3,806	
Newfoundland & Labrador	28,662	(3,666)	112.9%	28,008	(1,846)	106.7%	1,539	1,669	
New Brunswick	20,601	2,010	90.4%	20,351	108	99.6%	(1,037)	(1,130)	
Nova Scotia	16,312	1,584	90.4%	16,968	(447)	102.7%	717	476	
Prince Edward Island	4,520	307	93.3%	4,778	564	88.2%	(346)	(440)	
Yukon	2,163	221	89.9%	1,996	272	86.5%	157	175	
Northwest Territories	5,159	1,430	72.3%	4,714	(85)	101.9%	615	602	
Nunavut	1,631	457	72.1%	1,452	1,033	28.9%	309	309	
TOTAL	194,579	12,432	93.7%	177,881	21,787	87.9%	8,786	8,071	

In total, the operating result projection to year-end has <u>increased</u> by \$9.4 million from the Outlook posted October 28, 2015 (to \$21.8 million as shown above). This amount is \$8.1 million higher than it would have been, if not for the implementation of the June 30, 2016 valuation. (The changes before the impact of the June 30, 2016 valuation are attributable to mix of business and other projection assumptions outside of the valuation process, as well as the previous valuations (2015 Q3, 2015 Q4, and 2016 Q1) implemented since the 2015 Q2 valuation used as the basis for the 2016 Final Outlook.)

One important change relative to the 2016 Final Outlook has been the reduction in the discount rate. Had the 2016 Final Outlook discount rate of 1.07% still been applicable, the operating result would have been higher by \$3.7 million (using the current interest rate sensitivity table). That is, the projected Operating Result would have been approximately \$25.5 million (COR of 85.8%) had the discount rate remained at the 2016 final Outlook level.



1.4 Appointed Actuary and Hybrid Actuarial Services Model

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

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

1.5 Consideration of Recent Legal Decisions Changes in Legislation / Regulation⁷

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. With the current valuation, reform adjustments (originally introduced with the June 30, 2015 valuation) specifically related to changes in the non-pecuniary prejudgment interest provision calculation impacting the bodily injury coverage and the applicable interest rate applied to overdue payments in the SABS impacting the accident benefits coverage, were included with the updated industry trend analysis (completed using industry data as at December 31, 2015), impacting the selection of ultimates.

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 reflect inflation in the associated tort deductible does not apply to reflect inflation (adjustments to reflect inflation in the associated tort deductible were undertaken via an update to regulation 461/96). On August 26, 2015, the Ontario government filed Ontario regulations 250/15 and 251/15 implementing reforms set out in Bill 91. With the <u>current</u> valuation, reform adjustments (originally introduced with the September 30, 2015 valuation) specifically related to

⁷How bills become laws in Ontario is described in detail in the publication: <u>http://www.ontla.on.ca/lao/en/media/laointernet/pdf/bills-</u> and-lawmaking-background-documents/how-bills-become-law-en.pdf.



changes in the tort threshold and deductibles impacting the bodily injury coverage and changes to the SABS impacting the bodily injury and accident benefits coverages, were included with the updated industry trend analysis (completed using industry data as at December 31, 2015) and nominal valuation estimates, impacting the selection of ultimates.

Alberta Bill 39 (Enhancing Consumer Protection in Auto Insurance Act) was introduced into the Legislature by the Minister of Finance on November 6, 2013, and received Royal Assent on December 11, 2013. Bill 39 includes various amendments and provisions such as allowing for both mandatory and optional auto insurance premiums to be regulated by the independent Automobile Insurance Rate Board (AIRB), the introduction of an Insurer file and approve system for premium adjustments instead of an annual industry-wide rate adjustment, improved access to health care after a collision, and strengthened Insurance Company solvency requirements. No specific adjustments have been made to the current valuation assumptions based on Bill 39.

New Brunswick Regulation 2013-37 was filed on May 7, 2013, amending Regulation 2003-20 (Injury Regulation), made under the Insurance Act. The Regulation introduced a new Part 2 that applies to all injuries arising from motor vehicle accidents occurring on or after July 1, 2013. The new Part 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. With the <u>current</u> valuation, 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, 2015), impacting the selection of ultimates.

Nova Scotia Bill 86, known as the "**Fair Auto Insurance Reforms**" (FAIR) was introduced on November 9, 2011. FAIR was implemented in two phases. Regulations related to FAIR Phase I (effective April 1, 2012) were published in the Royal Gazette Part 11, on January 13, 2012. These include provisions for enhanced mandatory benefits under Section B (these include medical, rehabilitation, funeral, death and loss of income benefits), prohibiting premium increases if no claim is made, assistance for volunteer Fire Departments, and periodic review of Auto Insurance Law. FAIR Phase II (effective April 1, 2013) includes provisions for: diagnostic and treatment protocols for minor injuries, introduction of direct compensation for property damage, and limited liability and new priority of pay rules for rental companies. With the <u>current</u> valuation, 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, 2015), impacting the selection of ultimates.

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 <u>current</u>



valuation, 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, 2015), impacting the selection of ultimates.

1.6 Ontario FARM Bodily Injury Case Reserve summary

As indicated in section 1.5, reform adjustments, specifically related to changes in the non-pecuniary prejudgment interest provisions in **Ontario Bill 15** and the changes in the tort threshold and deductibles in **Ontario Bill 91** impacting the third party liability - bodily injury coverage for accident years 2015 and subsequent, was included with the updated Ontario Private Passenger Vehicle and Commercial Vehicle industry trend analyses (completed using industry data as at December 31, 2015).

There have been two conflicting Ontario Superior Court decisions in relation to the application of prejudgment interest provisions: Carillo v. Rizzo (April 15, 2015) and El-Khodr v. Lackie et al (July 28, 2015). In the first, the judge ruled that the change to prejudgment interest for non-pecuniary losses⁸ from a set level of 5% to the level that applies to pecuniary losses applies retroactively (i.e. applies to all open claims), whereas in the second, the judge ruled that the change applies only to claims where notification was provided to the insurer on or after January 1, 2015. FA's current view is that the second judgment supersedes the first, and no adjustments have been made to the provisions for accident years 2014 and prior as a result.

In addition to the above, there have also been multiple conflicting Ontario Superior Court decisions in relation to the application of the changes in the tort threshold and deductibles: Cobb v. Long Estates (November 13, 2015), Vickers v. Palacious (December 8, 2015) and Corbett v. Odorico (March 22, 2016). In the first, the judge ruled that the changes to the tort threshold and deductibles were substantive in nature such that the defendant was not entitled to apply the higher deductible, whereas in the second and third, the judges concluded the deductible change is procedural on the grounds that the cap on damages and the statutory deductible were implemented to achieve particular policy objectives and therefore applied retroactively (i.e. applies to all open claims). FA's current view, consistent with the latter two judgments, is that the changes to the applicable tort threshold and deductibles are applied on a settlement date basis. We've included a -0.75%⁹ retroactive adjustment to Ontario third party liability - bodily injury unpaid amounts (outstanding case and selected IBNR) using negative IBNR, impacting AY2014/2 and prior. We have applied a 50% tempering factor to the AY2015/1 selected adjustment factor as these are settlements that are negotiated globally and hence there may be erosion of the deductible.

Recognizing that individual members may interpret these results differently, we have included a table at the top of the next page displaying the Ontario FARM Third Party Liability – Bodily Injury Case Reserves (as at December 31, 2015) by accident year as well as projected average duration,

⁸**Pecuniary** awards are defined on the Ontario Attorney General's website as "Damages that can be measured in money (i.e., special damages)" with special damages further defined as "Damages intended to compensate a plaintiff for a quantifiable monetary loss. Examples of such losses include: lost earnings, medical bills, and repair costs." In contrast, **non-pecuniary** awards defined as "Damages that cannot be measured in money, but nevertheless are compensated for with money (i.e., general damages)" with general damages further defined as "Damages for non-monetary losses suffered by a plaintiff. These damages are not capable of exact quantification. Examples of such losses suffered include pain, suffering, and disfigurement."

 $^{^{9}}$ The original adjustment with the 2015 Q3 valuation was -3.00%, with the intent to reduce this by 0.75 points with each subsequent valuation, reaching 0.00% with the 2016 Q3 valuation.



from accident date to projected settlement date, from the December 31, 2015 valuation paid emergence projection model. No attempt has been made to distinguish case reserves held for pecuniary versus non-pecuniary losses, nor in estimating the amount of prejudgment interest, if any, is included in the case reserve estimates.

FARM	(Amounts in \$s	; ON PPV and no	n-PPV; as at De	c. 31, 2015)
ΑΥ	Curr BI Case	avg yrs to Dec 2015	projected avg # yrs to settlement	projected avg duration
1990	-	25.5	-	-
1991	-	24.5	-	-
1992	311,340	23.5	0.5	24.0
1993	-	22.5	-	-
1994	1,017,460	21.5	1.5	23.0
1995	-	20.5	-	-
1996	-	19.5	-	-
1997	-	18.5	-	-
1998	-	17.5	-	-
1999	-	16.5		-
2000	629,824	15.5	4.9	20.4
2001	-	14.5	-	-
2002	465,259	13.5	5.8	19.3
2003	89,500	12.5	6.3	18.8
2004	3,373,555	11.5	6.6	18.1
2005	1,994,194	10.5	5.1	15.6
2006	1,496,598	9.5	2.5	12.0
2007	1,915,899	8.5	2.7	11.2
2008	1,649,471	7.5	2.6	10.1
2009	3,437,628	6.5	2.8	9.3
2010	4,124,242	5.5	2.7	8.2
2011	2,960,686	4.5	2.5	7.0
2012	8,071,794	3.5	2.4	5.9
2013	4,461,944	2.5	2.5	5.0
2014	6,586,326	1.5	3.0	4.5
2015	2,688,242	0.5	3.8	4.3
TOTAL	45,273,962	5.7	3.1	8.8

In the above table, the column "projected avg duration" is an estimate of the number of years from claim occurrence¹⁰ to claim settlement, via summing the average number of years from claim occurrence to December 31, 2015 (3rd column) and from December 31, 2015 to settlement (4th column).

1.7 Current Provision Summary

The charts immediately below show the current levels of **indemnity only**¹¹ claims amounts booked

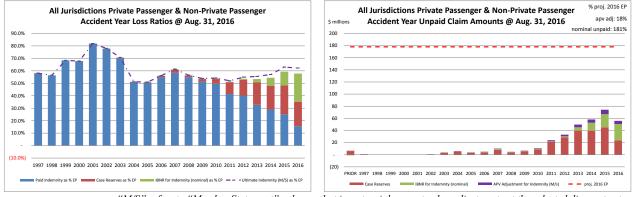
¹⁰Prejudgment interest in Ontario applies to the period from the date the claim is reported, not from the time of occurrence. We have provided the latter to allow actuarial judgment to be applied in estimating the lag between occurrence and reporting.

¹¹Servicing 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



by accident year¹². The left chart displays life-to-date indemnity payments, case reserves, IBNR and the total including actuarial present value adjustments against accident year earned premium. The right chart shows the associated dollar amounts for the components of the unpaid claims liabilities and the current projected amount of 2016 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 (\$31.2 million - see table immediately below) represents 18% of the earned premium projected for the full year 2016 (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.

claim liabilities (\$000s)		
	amt	%
case	248,445	70.3%
ibnr	73,572	20.8%
M/S apv adj	31,153	8.8%
M/S indemnity	353,170	100.0%
retro claims adj.	35,559	
M/S total	388,729	

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 adj." (see footnote 11 on page 14).

The tables at the top of the next page summarize premium and policy liabilities.

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.

At the current time, these "claims expense" type provisions are not adjusted to an actuarial present value basis, as per the practice that has been in place. This position is being reviewed by management and the Appointed Actuary.

¹²The loss ratio chart has been limited to show the most recent 20 accident years; the unpaid provision chart has been limited to show the most recent 20 accident years, and show all accident years older than 20 years collectively as "PRIOR".



premium liabilities (\$0	00s)		policy liabilities (\$000s)					
	amt	%		amt	%			
unearned prem	91,593	107.6%	claim	357,576	75.5%			
prem def/(dpac)	(6,870)	(8.1%)	premium	84,723	17.9%			
M/S apv adjust.	433	0.5%	M/S apv adjust.	31,586	6.7%			
M/S total	85,156	100.0%	M/S total	473,885	100.0%			

2 Activity During the Month of August 2016¹³

2.1 Recorded Premium and Claims Activity

The tables immediately 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	Earned Premium		Paid Indemnity		Case increase / (decrease)		Recorded Indemnity increase / (decrease)	
Juris- diction	Actual	Actual less Projected	Actual	Actual less Projected	Actual	Actual less Projected	Actual	Actual less Projected
ON	3,506	155	1,542	(86)	(836)	2,478	707	2,392
AB	4,997	(27)	2,406	(117)	(82)	(851)	2,324	(968)
NL	2,445	68	1,172	285	303	(460)	1,475	(175)
NB	1,766	33	722	27	1,025	859	1,747	885
NS	1,507	61	715	169	(231)	(346)	485	(176)
PE	423	18	392	329	(130)	(247)	262	82
ΥT	173	(3)	69	48	69	3	138	51
NT	394	(14)	93	46	174	101	267	147
NU	117	(19)	4	(6)	(12)	(25)	(8)	(31)
TOTAL	15,328	272	7,117	695	281	1,513	7,398	2,207

(Recorded transaction amounts exclude IBNR & other actuarial provisions)

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

Table 01b	Earned Premium		Paid Indemnity		Case increase / (decrease)		Recorded Indemnity increase / (decrease)	
Accident	Actual	Actual less	Actual	Actual less	Actual	Actual less	Actual	Actual less
Year	Actual	Projected	Actual Projected		Actual	Projected	Actual	Projected
Prior	-	-	2,478	10	(3,561)	(1,018)	(1,082)	(1,007)
2014	(0)	(0)	713	113	71	867	784	980
2015	(5)	(5)	896	40	555	1,797	1,452	1,838
2016	15,333	277	3,029	531	3,215	(134)	6,244	397
TOTAL	15,328	272	7,117	695	281	1,513	7,398	2,207

(Recorded transaction amounts exclude IBNR & other actuarial provisions)

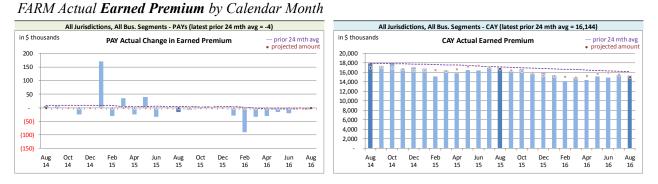
¹³There may be differences between the values shown in this document and associated values in the Bulletin and / or Participation Report, and even in tables within this document, due to rounding.



Claims activity varies monthly in part due to "process variance" – that is, due to the nature of the claims reporting, recording and adjudication processes. Each month, the projection variances are reviewed for signs of projection bias and to identify potential ways to reduce the level of the variance.

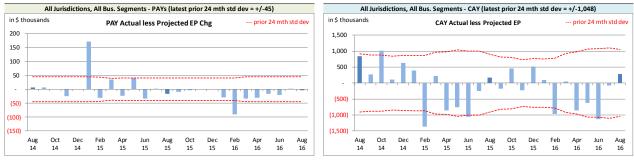
2.1.a Actual vs. Projected (AvsP): Earned Premium

The charts immediately below show actual **earned premium**¹⁴ 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.



Earned premium changes during a given calendar month in relation to prior accident years tend to be at modest levels (January 2015 being unusual in the left table above).

The associated variance between the actual changes and the projections from the previous month are shown in the charts at the top of the next page. **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

¹⁴Premium 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.



Our admittedly simple approach to projecting earned premium changes from projected written

On Latest \$ thousands						
Earned Premium	PAYs	CAY				
Mthly Avg EP Chg (prior 24 mths)	(4)	16,144				
std dev	45	1,048				
A-P <> std dev	2	5				
% <> std dev	8.0%	20.0%				
norm <> std dev	31.7%	31.7%				

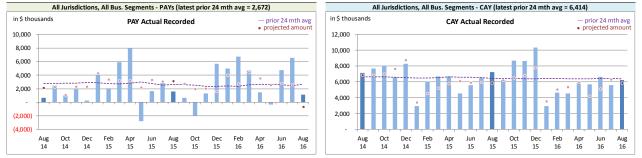
premium levels (and uploading all projected whiteh premium levels (and uploading all projections as current accident year (CAY)) does not seem to be biased (ignoring the prior accident years' (PAYs) variances) and it does appear to generate variances within the prior 24-month standard deviation better than as indicated by a normal distribution (see table to the left). That said, it is

likely that some additional improvement could be achieved (particularly with respect to reflecting the number of days in the month – February variances in particular are impacted by the implicit assumption currently used that all months have an equal number of days for earnings). Over time, we may consider other projection approaches to narrow monthly variance (for example, we use a different approach for the Risk Sharing Pools which seems to perform better in magnitude, although it does seem to show bias as well).

2.1.b AvsP: Recorded Indemnity

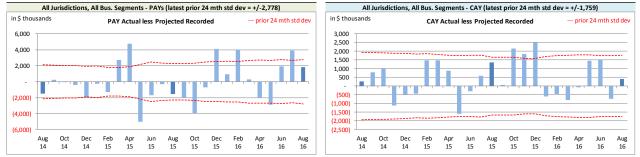
The charts immediately below show actual **recorded indemnity** activity (**paid indemnity** plus case changes) in each of the most recent 25 calendar months, along with a "prior 24-month average" to show how each month's actual compares with the average amount of the preceding 24 calendar months.





Recorded indemnity activity variances from the previous month's projections are shown in the charts at the top of the next page, including the "prior 24-month standard deviation" levels.







On Latest \$ thousands						
Recorded	PAYs	CAY				
Mthly Avg Recorded (prior 24 mths)	2,672	6,414				
std dev	2,778	1,759				
A-P <> std dev	9	3				
% <> std dev	36.0%	12.0%				
norm <> std dev	31.7%	31.7%				

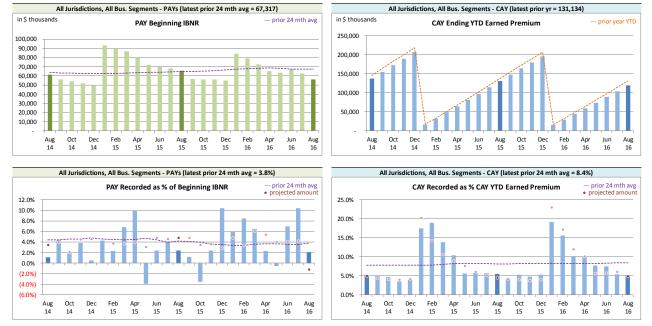
The prior accident years (PAYs) **recorded indemnity** variances (see left chart at the bottom of the previous page) have fallen outside of the period's standard deviation 36% of the time (see left table), suggesting the projection process performs worse than simply projecting based on the previous 24-month average. In addition,

there was evidence of bias through 2014 to the end of 2015 (where actuals tended to be lower than our projections), although we were unable to identify any particular source of bias to-date (we project at a more granular level i.e. jurisdiction, business segment and accident year), more recent results do not seem to show this bias continuing. We continue to review to look for ways to improve the projections.

The current accident year (CAY) **recorded indemnity** variances (right chart at the bottom of the previous page) over the period has not indicated a systemic bias overall and with monthly variances falling outside of the period standard deviation 12% of the time, the projection process appears to perform better than simply projecting based on the previous 24-month average.

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

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



*FARM Levels that influence*¹⁵ **Recorded Indemnity** by Calendar Month

¹⁵Our 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.



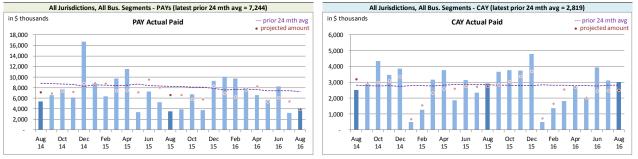
We track beginning prior accident years' IBNR as **recorded indemnity** activity "comes out of" IBNR. Changes in the prior accident years' beginning IBNR (see upper left chart within the group of charts immediately above) occur for several possible reasons:

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

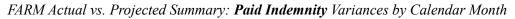
2.1.c AvsP: Paid Indemnity

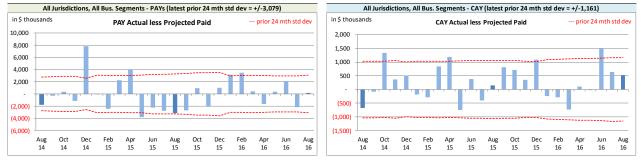
The charts immediately below show actual **paid indemnity** activity in each of the most recent 25 calendar months, along with a "prior 24-month average" to show how each month's actual compares with the average amount of the preceding 24 calendar months.

FARM Actual Paid Indemnity by Calendar Month



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







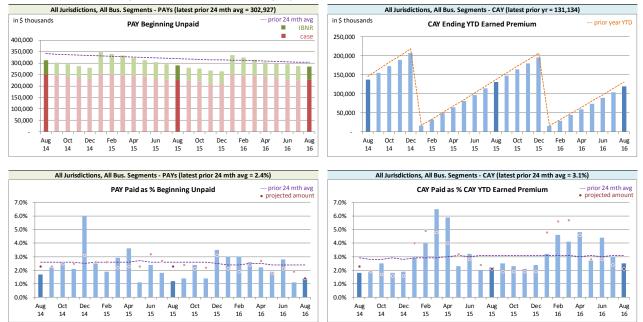
On Latest \$ thousands							
Paid	PAYs	CAY					
Mthly Avg Paid (prior 24 mths)	7,244	2,819					
std dev	3,079	1,161					
A-P <> std dev	5	4					
% <> std dev	20.0%	16.0%					
norm <> std dev	31.7%	31.7%					

The prior accident years (PAYs) **paid indemnity** variances (left chart at the bottom of the previous page) over the entire period shown do not seem to indicate evidence of bias. The variances have fallen outside of the period's standard deviation 20% of the time (see table on left) and as this is fewer than indicated by the

normal distribution, it suggests the projection process performs better than simply projecting based on the previous 24-month average.

The current accident year (CAY) **paid indemnity** variances have fallen outside of one standard deviation of the preceding 24-month period approximately 16% of the time, suggesting that the projection process performs better than simply projecting based on the prior 24-month average. As well, there does not seem to be evidence of bias.

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



FARM Levels that influence¹⁶ **Paid Indemnity** by Calendar Month

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

• to offset actual **paid indemnity** activity (may reduce case or IBNR or both);

¹⁶Our 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.



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

2.2 Actuarial Provisions

An "ultimate loss ratio matching method" (described in section 3) is used to determine the month's IBNR¹⁷ 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 latest valuation (June 30, 2016 for all jurisdictions). The table immediately below summarizes variances in provisions included in the August 2016 Participation Report and the associated one-month projections from last month's Report.

Table 02a			actu	uarial present v				
	IBNR		IBNR Discount Amount		Provisions for Adverse Deviations		IBNR + actuarial present	
							value adjustments	
Accident	Actual	Actual less	Actual	Actual less	Actual	Actual less	Actual	Actual less
Year	Actual	Projected	Actual	Projected	Actual	Projected	Actual	Projected
Prior	11,867	(3,347)	(3,372)	329	16,561	(1,198)	25,056	(4,216)
2014	13,005	(3,076)	(878)	128	6,400	(631)	18,527	(3,579)
2015	21,601	(3,987)	(1,284)	181	8,558	(250)	28,875	(4,056)
2016	27,099	1,388	(1,008)	74	6,176	122	32,267	1,584
TOTAL	73,572	(9,022)	(6,542)	712	37,695	(1,957)	104,725	(10,267)

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

The IBNR provision is \$9.0 million lower than projected from last month, counterbalancing the recorded claims activity and earned premium variance impacts indicated in section 2.1, and due to the valuation implementation.

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

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

¹⁷For ease of discussion, "IBNR" is used in place of "provisions for incurred but not recorded (IBNR) and development".



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 11 on page 14). The table below summarizes the variances in these "Retro Claims Provisions" included in the August 2016 Participation Report and the one-month projections from last month's Report. The variances reflect earned premium variances by jurisdiction, and variances in payments for allowed claims expenses relative to projections, and due to the valuation implementation.

Table 02b		[ас	tuarial present	value adjustm	ients		
Γ	Retro Claims Provision		Discount Amount		Provisions for Adverse Deviations		Retro + actuarial present value adjustments	
Accident	Astual	Actual less	Astual	Actual less	Astus	Actual less	Astus	Actual less
Year	Actual	Projected	Actual	Projected	Actual	Projected	Actual	Projected
Prior	28,720	573	-	-	-	-	28,720	573
2014	2,583	(310)	-	-	-	-	2,583	(310)
2015	3,327	(208)	-	-	-	-	3,327	(208)
2016	929	(9)	-	-	-	-	929	(9)
TOTAL	35,559	46	-	-	-	-	35,559	46

FARM Actual vs. Projected Summary: "Retro Claims Provision"¹⁸ and APV Amounts (\$ thousands)

As indicated in the table above, these provisions do not currently include actuarial present value adjustments. This decision is being revisited and such adjustments <u>may</u> be implemented with the implementation of the 2016 Q3 valuation with the October 31, 2016 Participation Report. We anticipate that such adjustments may amount to as much as \$7 million. If such adjustments are added, members will be provided with details of the associated calculations used to determine the adjustments.

The table immediately below summarizes the variances in the provisions for the deferred policy acquisition cost amounts (the FARM overall remains in a deferred asset position) included in the August 2016 Participation Report and the one-month projections from last month's Report. The variances are mainly driven by the unearned premium balance variance (at the jurisdiction level) and due to the valuation implementation.

Table 03	Premium Deficiency / (Deferred Policy Acquisition Costs)		actuarial present value adjustments		Premium Deficiency / (DPAC) including actuarial present value adjustments	
	Actual	Actual less	Actual	Actual less	Actual	Actual less
	Actual	Projected	Actual	Projected	Actual	Projected
balance	: (6,870)	(17)	433	88	(6,437)	71
balance as % unearned premium	: (7.5%)	(0.2%)	0.5%	0.2%	(7.0%)	-
actual unearned premium	: 91,593					
less projected	: (1,794)					

¹⁸ 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.



3 Ultimate Loss Ratio Matching Method

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

- (a) Earned premium to date
- (b) Ultimate $loss^{19}$ ratio per latest valuation
- (c) Estimated ultimate incurred = (a) x (b)
- (d) Recorded indemnity to date
- (e) IBNR = (c) (d)

IBNR for accident years 1993 and earlier is kept at \$0. For the two projected months, IBNR was determined in a similar way, incorporating the two-month projections of earned premiums and recorded indemnity. Prior to actuarial present value adjustments, any expected emergence of recorded claims amounts pertaining to "prior accident years"²⁰ during the two-month projection period is assumed to be offset by changes in IBNR. Furthermore, the implied ultimate loss ratios pertaining to each accident year (including the current accident year) are the same in the current month as in the two projected months.

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

4 Calendar Year-to-Date Results

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

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	(7,775)	(6.5%)	(4,775)	(4.0%)	(12,550)	(10.5%)	(10,997)	(9.0%)
CAY	83,414	69.8%	5,168	4.3%	88,582	74.1%	12,894	1.5%
TOTAL	75,639	63.3%	393	0.3%	76,032	63.6%	1,897	(7.5%)

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

("% EP" based on 2016 calendar year-to-date earned premium; ratios may not total due to rounding)

The loss ratio change year-to-date in Table 04 reflects not only changes in the prior accident year levels, but also the increase in the calendar year-to-date earned premium with an additional month's earned premium, and due to the valuation implementation.

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

¹⁹"Loss" here refers to indemnity only unless otherwise noted.

²⁰"Prior accident years" and the "current accident year" are defined relative to the calendar year associated with the projection period.



valuation implementation.

5 **Current Participation Report – Additional Exhibits**

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

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

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

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

EXHIBITS 6

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
EXHIBIT C	Retro Provisions
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
EXHIBIT H	Projected Year-end Policy Liabilities



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

page 1 of 10

Jurisdiction Desc	Newfoundland & Labrador	ξ. 			discount rate:	0.69%
AccountCode Desc	IBNR Provision	.		inte	erest rate margin:	
AccountCode	(All)	-			U	
AccidentYear	(All)	-				
			Prior Month	Current Month	1st Projected	2nd Projected
Sum of Amount			ShareYYMM T			
BusinessSegment Desc	Acc Year	-	201607	201608	201609	201610
🗏 Private Passenger	prior		32,000	21,000	21,000	20,000
	2007		16,000	17,000	16,000	16,000
	2008		22,000	23,000	22,000	22,000
	2009		108,000	109,000	107,000	106,000
	2010		74,000	69,000	67,000	66,000
	2011		205,000	187,000	184,000	180,000
	2012		643,000	200,000	196,000	193,000
	2013		715,000	625,000	604,000	589,000
	2014		2,266,000	1,714,000	1,601,000	1,551,000
	2015		2,717,000	2,138,000	1,934,000	1,863,000
	2016		2,633,000	3,444,000	3,792,000	4,131,000
Private Passenger Total			9,431,000	8,547,000	8,544,000	8,737,000
_						
Non Private Passenger	prior		4,000	4,000	4,000	4,000
	2007		(83,000)	67,000	66,000	65,000
	2008			-	-	-
	2009		3,000	3,000	3,000	3,000
	2010 2011		35,000	17,000	17,000	17,000
	2011		315,000 172,000	229,000 375,000	226,000 371,000	220,000 359,000
	2012		424,000	375,000	371,000 361,000	339,000
	2013		1,823,000	1,358,000	1,303,000	1,244,000
	2014		1,163,000	1,007,000	974,000	926,000
	2015		1,565,000	1,861,000	2,109,000	2,350,000
Non Private Passenger To			5,421,000	5,296,000	5,434,000	5,534,000
			, , ,	,,	, - ,	, ,
Grand Total			14,852,000	13,843,000	13,978,000	14,271,000
	Plan	50 51	a Frhihit G. L. na	and for Component	nts of Change duri	na Current Month

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



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

page 2 of 10

Jurisdiction Desc	New Brunswick	Τ,			discount rate:	0.69%
AccountCode Desc	IBNR Provision	Τ,		int	erest rate margin:	25 basis pts
AccountCode	(All)	•				
AccidentYear	(All)	-				
			Prior Month	Current Month	1st Projected	2nd Projected
Sum of Amount			ShareYYMM T			
BusinessSegment Desc	Acc Year	-	201607	201608	201609	201610
Private Passenger	prior		58,000	65,000	65,000	65,000
	2007		10,000	10,000	10,000	10,000
	2008		60,000	56,000	56,000	55,000
	2009		68,000	20,000	20,000	20,000
	2010		199,000	112,000	109,000	108,000
	2011		(53,000)	214,000	211,000	207,000
	2012		116,000	219,000	215,000	211,000
	2013		462,000	569,000	559,000	543,000
	2014		1,224,000	771,000	747,000	726,000
	2015		2,137,000	1,630,000	1,551,000	1,481,000
	2016		1,059,000	1,369,000	1,431,000	1,441,000
Private Passenger Total			5,340,000	5,035,000	4,974,000	4,867,000
Non Private Passenger			24,000	30,000	27,000	28,000
	2007		40,000	40,000	36,000	33,000
	2008		14,000	14,000	13,000	12,000
	2009		55,000	56,000	54,000	51,000
	2010		66,000	57,000	42,000	36,000
	2011		218,000	146,000	117,000	107,000
	2012		(151,000)	281,000	231,000	206,000
	2013		(184,000)	366,000	348,000	341,000
	2014		417,000	313,000	265,000	251,000
	2015		168,000	(168,000)	(206,000)	(258,000)
	2016		875,000	1,098,000	1,233,000	1,417,000
Non Private Passenger To	tai		1,542,000	2,233,000	2,160,000	2,224,000
Grand Total			6,882,000	7,268,000	7,134,000	7,091,000

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



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

page 3 of 10

Jurisdiction Desc AccountCode Desc AccountCode AccidentYear	Nova Scotia IBNR Provision (All) (All)	.		int	discount rate: erest rate margin:	
	/	Prior Mo	onth	Current Month	1st Projected	2nd Projected
Sum of Amount		ShareYYM	M T			
BusinessSegment Desc	Acc Year	- 20160)7	201608	201609	201610
Private Passenger	prior	39	93,000	585,000	578,000	571,000
	2007	14	12,000	192,000	189,000	187,000
	2008	(3	8,000)	3,000	3,000	3,000
	2009	(4	1,000)	137,000	132,000	131,000
	2010	9	98,000	50,000	51,000	50,000
	2011	2	20,000	20,000	20,000	19,000
	2012	36	57,000	377,000	357,000	363,000
	2013	20	9,000	161,000	158,000	157,000
	2014	72	29,000	649,000	620,000	637,000
	2015	1,15	59,000	1,012,000	966,000	992,000
	2016	87	72,000	1,184,000	1,409,000	1,503,000
Private Passenger Total		3,91	0,000	4,370,000	4,483,000	4,613,000
Non Private Passenger	prior		5,000	6,000	6,000	6,000
	2007		(4,000)	(4,000)	(4,000)	(4,000)
	2008		73,000	17,000	16,000	16,000
	2009		(5,000)	(5,000)	(5,000)	(5,000)
	2010		39,000	25,000	24,000	24,000
	2011		18,000	89,000	88,000	85,000
	2012)5 <i>,</i> 000	134,000	130,000	127,000
	2013		59,000)	(270,000)	(251,000)	(247,000)
	2014		58,000	303,000	299,000	293,000
	2015)2,000	1,881,000	1,767,000	1,701,000
	2016		54,000	1,685,000	1,726,000	1,852,000
Non Private Passenger To	tai	4,36	6,000	3,861,000	3,796,000	3,848,000
Grand Total		8,27	6,000	8,231,000	8,279,000	8,461,000

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



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

page 4 of 10

Jurisdiction Desc	Prince Edward					
	Island	Τ.			discount rate:	0.69%
AccountCode Desc	IBNR Provision	Ψ.		inte	erest rate margin:	25 basis pts
AccountCode	(All)	-				
AccidentYear	(All)	-				
			Prior Month	Current Month	1st Projected	2nd Projected
Sum of Amount			ShareYYMM T			
BusinessSegment Desc	Acc Year	-	201607	201608	201609	201610
Private Passenger	prior		21,000	21,000	21,000	21,000
	2007		(1,000)	(1,000)	(1,000)	(1,000)
	2008		(1,000)	(1,000)	(1,000)	(1,000)
	2009			-	-	-
	2010		29,000	28,000	27,000	26,000
	2011		63,000	61,000	61,000	60,000
	2012		59,000	78,000	77,000	76,000
	2013		114,000	81,000	80,000	79,000
	2014		162,000	104,000	102,000	100,000
	2015		237,000	319,000	294,000	272,000
	2016		59,000	198,000	182,000	222,000
Private Passenger Total			742,000	888,000	842,000	854,000
			(4,000)	(4,000)	(4,000)	(4,000)
Non Private Passenger	prior		(1,000)	(1,000)	(1,000)	(1,000)
	2007			-	-	-
	2008			(2,000)	(2,000)	(2,000)
	2009 2010			-	-	-
	2010		31,000	21,000	21,000	21,000
	2011		131,000	130,000	129,000	128,000
	2012		69,000	59,000	58,000	57,000
	2013		206,000	264,000	259,000	254,000
	2014		461,000	469,000	457,000	449,000
	2015		384,000	319,000	332,000	378,000
Non Private Passenger To			1,281,000	1,259,000	1,253,000	1,284,000
			, - ,	,,	,,	, - ,
Grand Total			2,023,000	2,147,000	2,095,000	2,138,000
	- ות		an Eulipit C 1		the of Classical dama	

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



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

page 5 of 10

Jurisdiction Desc AccountCode Desc AccountCode AccidentYear	Ontario IBNR Provision (All) (All)	T T T T	inte	discount rate: erest rate margin:	
	· ·	Prior Month	Current Month	1st Projected	2nd Projected
Sum of Amount		ShareYYMM			
BusinessSegment Desc	Acc Year	- 201607	201608	201609	201610
Private Passenger	prior	(2,033,904)	522,000	499,000	475,000
	2007	1,627,000	1,458,000	1,430,000	1,412,000
	2008	685,000	465,000	457,000	450,000
	2009	988,000	500,000	488,000	482,000
	2010	292,000	373,000	366,000	359,000
	2011	128,000	127,000	126,000	125,000
	2012	185,000	78,000	80,000	79,000
	2013	1,781,000	720,000	714,000	706,000
	2014	1,515,000	1,145,000	1,164,000	1,152,000
	2015	2,686,000	2,344,000	2,403,000	2,380,000
	2016	2,260,000	2,439,000	2,787,000	3,063,000
Private Passenger Total		10,113,096	10,171,000	10,514,000	10,683,000
Non Private Passenger	prior	476,520	483,000	476,000	465,000
	2007	(128,000)	197,000	193,000	188,000
	2008	114,000	183,000	178,000	176,000
	2009	92,000	311,000	304,000	299,000
	2010	424,000	333,000	327,000	317,000
	2011	457,000	(286,000)	(279,000)	(267,000)
	2012	(182,000)	867,000	853,000	837,000
	2013	5,268,000	3,851,000	3,791,000	3,693,000
	2014	6,362,000	5,000,000	4,905,000	4,750,000
	2015	6,997,000	7,310,000	7,172,000	6,762,000
	2016	7,117,000	7,201,000	7,962,000	8,739,000
Non Private Passenger To	tal	26,997,520	25,450,000	25,882,000	25,959,000
Grand Total		37,110,616	35,621,000	36,396,000	36,642,000

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



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

page 6 of 10

Jurisdiction Desc AccountCode Desc AccountCode AccidentYear	Alberta IBNR Provision (All) (All)	T T T	inte	discount rate: erest rate margin:	
		Prior Month	Current Month	1st Projected	2nd Projected
Sum of Amount		ShareYYMM			
BusinessSegment Desc	Acc Year	- 201607	201608	201609	201610
Private Passenger	prior	166,000	(128,000)	(124,000)	(121,000)
	2007	(12,000)	47,000	46,000	46,000
	2008	57,000	58,000	57,000	57,000
	2009	73,000	52,000	51,000	51,000
	2010	503,000	375,000	370,000	364,000
	2011	514,000	542,000	533,000	525,000
	2012	2,067,000	809,000	782,000	772,000
	2013	1,954,000	1,267,000	1,213,000	1,196,000
	2014	2,446,000	2,156,000	2,050,000	2,013,000
	2015	2,930,000	2,692,000	2,530,000	2,482,000
	2016	2,061,000	2,361,000	2,644,000	2,915,000
Private Passenger Total		12,759,000	10,231,000	10,152,000	10,300,000
Non Private Passenger	prior	(19,000)	(60,000)	(51,000)	(46,000)
	2007	94,000	92,000	88,000	82,000
	2008	138,000	136,000	130,000	123,000
	2009	394,000	144,000	131,000	119,000
	2010	469,000	427,000	407,000	401,000
	2011	1,619,000	1,046,000	1,003,000	984,000
	2012	1,508,000	856,000	824,000	809,000
	2013	2,525,000	1,838,000	1,769,000	1,736,000
	2014	3,178,000	3,918,000	3,783,000	3,795,000
	2015	7,861,000	6,525,000	6,295,000	6,357,000
	2016	5,853,000	7,611,000	7,830,000	7,865,000
Non Private Passenger To	tal	23,620,000	22,533,000	22,209,000	22,225,000
Grand Total		36,379,000	32,764,000	32,361,000	32,525,000

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



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

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Jurisdiction Desc	Yukon	.					
AccountCode Desc	IBNR Provision	Τ.		inte	erest rate margin:	25 basis pts	
AccountCode	(All)	-					
AccidentYear	(All)	-		• • • • • •			
			Prior Month	Current Month	1st Projected	2nd Projected	
Sum of Amount			ShareYYMM				
BusinessSegment Desc	Acc Year	•	201607	201608	201609	201610	
	_						
Private Passenger	prior		5,000	5,000	5,000	5,000	
	2007			-	-	-	
	2008		18,000	15,000	15,000	15,000	
	2009		22,000	15,000	15,000	15,000	
	2010		35,000	35,000	35,000	35,000	
	2011		(55,000)	57,000	57,000	58,000	
	2012		90,000	60,000	59 <i>,</i> 000	57,000	
	2013		150,000	99,000	98,000	97,000	
	2014		219,000	198,000	196,000	193,000	
	2015		399,000	382,000	365,000	346,000	
	2016		232,000	256,000	267,000	266,000	
Private Passenger Total			1,115,000	1,122,000	1,112,000	1,087,000	
∃ Non Private Passenger	prior		1,000	1,000	1,000	1,000	
	2007		1,000	1,000	1,000	1,000	
	2007		2,000	1,000	1,000	1,000	
	2008		2,000	1,000	1,000	1,000	
	2010		6,000	2,000	2,000	2,000	
	2011		15,000	6,000	6,000	6,000	
	2012		25,000	(34,000)	(35,000)	(35,000)	
	2013		71,000	52,000	51,000	50,000	
	2013		123,000	95,000	93,000	91,000	
	2015		215,000	173,000	170,000	166,000	
	2016		344,000	311,000	336,000	356,000	
Non Private Passenger To			802,000	607,000	625,000	638,000	
			,	,300	,500	,	
Grand Total			1,917,000	1,729,000	1,737,000	1,725,000	

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



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

page 8 of 10

Jurisdiction Desc	Northwest Territories	Τ.			discount rate:	0.69%
AccountCode Desc	IBNR Provision	.		inte	erest rate margin:	25 basis pts
AccountCode	(All)	-				
AccidentYear	(All)	-				
			Prior Month	Current Month	1st Projected	2nd Projected
Sum of Amount			ShareYYMM T			
BusinessSegment Desc	Acc Year	-	201607	201608	201609	201610
🗏 Private Passenger	prior		(2,000)	(2,000)	(2,000)	(2,000)
	2007		3,000	3,000	3,000	3,000
	2008		22,000	23,000	23,000	23,000
	2009		(2,000)	(6,000)	(7,000)	(7,000)
	2010		3,000	3,000	3,000	3,000
	2011		121,000	50,000	50,000	50,000
	2012		167,000	107,000	106,000	104,000
	2013		277,000	114,000	113,000	111,000
	2014		355,000	192,000	189,000	187,000
	2015		724,000	561,000	548,000	536,000
	2016		503,000	508,000	574,000	639,000
Private Passenger Total			2,171,000	1,553,000	1,600,000	1,647,000
■Non Private Passenger	prior		2,000	2,000	2,000	2,000
	2007		2,000	-	-	-
	2008			-	_	-
	2009			_	_	-
	2010		1,000	1,000	1,000	1,000
	2011		,	-	-	-
	2012		19,000	9,000	9,000	9,000
	2013		90,000	76,000	76,000	76,000
	2014		221,000	196,000	193,000	189,000
	2015		215,000	218,000	206,000	195,000
	2016		183,000	208,000	235,000	250,000
Non Private Passenger To	tal		731,000	710,000	722,000	722,000
Grand Total			2,902,000	2,263,000	2,322,000	2,369,000

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



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

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	1 0 (2,000)
Sum of Amount ShareYYMM Image: Constraint of the system o	1 0 (2,000)
BusinessSegment Desc Acc Year 201607 201608 201609 2016 Private Passenger prior (2,000) (2,000) (2,000) (2,000) 2000 1,000	(2,000)
Private Passenger prior (2,000) (2,000) (2,000) 2007 1,000 1,000 1,000 2008 1,000 1,000 1,000 2009 - - 2010 8,000 6,000 6,000 2011 20,000 14,000 14,000	(2,000)
20071,0001,0001,00020081,0001,0001,000200920108,0006,0006,000201120,00014,00014,000	
20071,0001,0001,00020081,0001,0001,000200920108,0006,0006,000201120,00014,00014,000	
200920108,0006,000201120,00014,000	1,000
20108,0006,0006,000201120,00014,00014,000	1,000
2011 20,000 14,000 14,000	-
	6,000
2012 48,000 29,000 29,000	14,000
	29,000
2013 63,000 33,000 33,000	33,000
2014 108,000 54,000 54,000	54,000
2015 246,000 197,000 190,000 1	33,000
2016 30,000 66,000 77,000	37,000
Private Passenger Total 523,000 399,000 403,000 403,000	6,000
Non Private Passenger prior	-
2007	-
2008	-
2009 1,000	-
2010	-
2011	-
201219,0007,0007,000201336,00023,00023,000	7,000 23,000
	97,000
	511111
	31,000 04.000
	04,000
Grand Total 1,087,000 859,000 891,000 92	

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



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

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Jurisdiction Desc AccountCode Desc AccountCode AccidentYear	(All) IBNR Provision (All) (All)	• • •	inte	discount rate: erest rate margin:	
		Prior Month	Current Month	1st Projected	2nd Projected
Sum of Amount		ShareYYMM T			
BusinessSegment Desc	Acc Year	- 201607	201608	201609	201610
Private Passenger	prior	(1,362,904)	1,087,000	1,061,000	1,032,000
	2007	1,786,000	1,727,000	1,694,000	1,674,000
	2008	826,000	643,000	633,000	625,000
	2009	1,216,000	827,000	806,000	798,000
	2010	1,241,000	1,051,000	1,034,000	1,017,000
	2011	963,000	1,272,000	1,256,000	1,238,000
	2012	3,742,000	1,957,000	1,901,000	1,884,000
	2013	5,725,000	3,669,000	3,572,000	3,511,000
	2014	9,024,000	6,983,000	6,723,000	6,613,000
	2015	13,235,000	11,275,000	10,781,000	10,535,000
	2016	9,709,000	11,825,000	13,163,000	14,267,000
Private Passenger Total		46,104,096	42,316,000	42,624,000	43,194,000
Non Private Passenger	prior	492,520	465,000	464,000	459,000
	2007	(81,000)	392,000	379,000	364,000
	2008	441,000	349,000	336,000	326,000
	2009	540,000	509,000	487,000	467,000
	2010	1,090,000	862,000	820,000	798,000
	2011	2,903,000	1,251,000	1,182,000	1,156,000
	2012	1,746,000	2,625,000	2,519,000	2,447,000
	2013	8,140,000	6,370,000	6,226,000	6,075,000
	2014	12,953,000	11,544,000	11,197,000	10,964,000
	2015	19,404,000	17,600,000	17,018,000	16,479,000
	2016	17,696,000	20,442,000	21,941,000	23,411,000
Non Private Passenger To	tal	65,324,520	62,409,000	62,569,000	62,946,000
Grand Total		111,428,616	104,725,000	105,193,000	106,140,000

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 8 Labrador	ξ. 			discount rate:	0.00%
AccountCode Desc	Undiscounted IBNR Provision			inte	erest rate margin:	0 basis pts
AccountCode	(All)	-			U U	
AccidentYear	(All)	-				
	/		Prior Month	Current Month	1st Projected	2nd Projected
Sum of Amount			ShareYYMM T			
BusinessSegment Desc	Acc Year	-	201607	201608	201609	201610
			8			
🗏 Private Passenger	prior		(14,000)	(14,000)	(14,000)	(14,000)
	2007		(3,000)	(3,000)	(3,000)	(3,000)
	2008		1,000	2,000	2,000	2,000
	2009		72,000	72,000	71,000	70,000
	2010		43,000	45,000	44,000	43,000
	2011		25,000	5,000	5,000	5,000
	2012		352,000	(62,000)	(60,000)	(59,000)
	2013		305,000	207,000	195,000	191,000
	2014		1,499,000	982,000	884,000	849,000
	2015		1,890,000	1,340,000	1,152,000	1,094,000
	2016		2,118,000	2,828,000	3,111,000	3,373,000
Private Passenger Total			6,288,000	5,402,000	5,387,000	5,551,000
🗏 Non Private Passenger	prior		4,000	4,000	4,000	4,000
	2007		(140,000)	(2,000)	(2,000)	(2,000)
	2008			-	-	-
	2009		3,000	3,000	3,000	3,000
	2010		16,000	-	-	-
	2011		213,000	131,000	128,000	125,000
	2012		(48,000)	145,000	142,000	135,000
	2013		289,000	245,000	233,000	221,000
	2014		1,483,000	1,049,000	997,000	947,000
	2015		684,000	528,000	502,000	477,000
Non Driveto Desser To	2016		1,270,000	1,528,000	1,731,000	1,931,000
Non Private Passenger To	lai		3,774,000	3,631,000	3,738,000	3,841,000
Grand Total			10,062,000	9,033,000	9,125,000	9,392,000
	D1				6.61 1	

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



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

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Jurisdiction Desc AccountCode Desc	New Brunswick Undiscounted	T,		discount rate:	0.00%
Accountcode Desc	IBNR Provision		int	erest rate margin:	0 basis pts
AccountCode	(All)	•			
AccidentYear	(All)	-			
		Prior Month	Current Month	1st Projected	2nd Projected
Sum of Amount		ShareYYMM			
BusinessSegment Desc 🔽	Acc Year	- 201607	201608	201609	201610
Private Passenger	prior	27,000	32,000	32,000	32,000
	2007	9,000	9,000	9,000	9,000
	2008	8,000	8,000	8,000	8,000
	2009	50,000	4,000	4,000	4,000
	2010	160,000	80,000	78,000	76,000
	2011	(166,000)	78,000	76,000	74,000
	2012	(19,000)	76,000	74,000	72,000
	2013	215,000	351,000	344,000	330,000
	2014	837,000	381,000	362,000	344,000
	2015	1,657,000	1,161,000	1,091,000	1,026,000
	2016	750,000	1,017,000	1,037,000	1,004,000
Private Passenger Total		3,528,000	3,197,000	3,115,000	2,979,000
Non Private Passenger	prior	2,000	8,000	6,000	6,000
	2007	37,000	37,000	33,000	30,000
	2008	11,000	11,000	10,000	9,000
	2009	17,000	17,000	15,000	13,000
	2010	45,000	38,000	23,000	18,000
	2011	125,000	71,000	43,000	34,000
	2012	(234,000)	162,000	113,000	90,000
	2013	(518,000)	45,000	31,000	26,000
	2014	230,000	131,000	85,000	76,000
	2015 2016	<mark>(27,000)</mark> 736,000	<mark>(364,000)</mark> 929,000	<mark>(400,000)</mark> 1,044,000	(440,000)
Non Private Passenger To		424,000	<u> </u>	1,044,000 1,003,000	1,210,000 1,072,000
Non Filvate Fasseliger 10		424,000	1,005,000	1,003,000	1,072,000
Grand Total		3,952,000	4,282,000	4,118,000	4,051,000
	Dlag	usa saa Erchihit C 2 na	and I for Common a	nts of Change duri	na Cumant Month

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



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

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Jurisdiction Desc AccountCode Desc	Nova Scotia Undiscounted				discount rate:	0.00%
	IBNR Provision	Ŧ		inte	erest rate margin:	0 basis pts
AccountCode	(All)	-				
AccidentYear	(All)	-				
		F	Prior Month	Current Month	1st Projected	2nd Projected
Sum of Amount		Sha	areYYMM 🔳			
BusinessSegment Desc	Acc Year	-	201607	201608	201609	201610
Private Passenger	prior		264,000	443,000	439,000	435,000
	2007		119,000	166,000	164,000	162,000
	2008		(61,000)	(25,000)	(24,000)	(24,000)
	2009		(109,000)	51,000	48,000	48,000
	2010		23,000	(24,000)	(22,000)	(22,000)
	2011		(5,000)	(5,000)	(5,000)	(5,000)
	2012		194,000	271,000	252,000	260,000
	2013		54,000	6,000	6,000	6,000
	2014		546,000	479,000	450,000	468,000
	2015		906,000	765,000	719,000	748,000
	2016		714,000	978,000	1,173,000	1,236,000
Private Passenger Total			2,645,000	3,105,000	3,200,000	3,312,000
🗏 Non Private Passenger	prior		(1,000)	(1,000)	(1,000)	(1,000)
	2007		(4,000)	(4,000)	(4,000)	(4,000)
	2008		153,000	4,000	4,000	4,000
	2009		(6,000)	(6,000)	(6,000)	(6,000)
	2010		54,000	(2,000)	(2,000)	(2,000)
	2011		126,000	(2,000)	(2,000)	(2,000)
	2012		106,000	53,000	51,000	50,000
	2013		(365,000)	(466,000)	(447,000)	(438,000)
	2014		192,000	43,000	41,000	40,000
	2015		1,800,000	1,600,000	1,488,000	1,428,000
	2016		1,048,000	1,419,000	1,439,000	1,540,000
Non Private Passenger To	tal		3,103,000	2,638,000	2,561,000	2,609,000
Grand Total			5,748,000	5,743,000	5,761,000	5,921,000
	Plea	se see E	Exhibit G-2, pag	ge 3 for Componen	ts of Change duri	ng Current Month



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

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Jurisdiction Desc	Prince Edward Island	Ŧ			discount rate:	0.00%
AccountCode Desc	Undiscounted					
	IBNR Provision	Τ.		inte	erest rate margin:	0 basis pts
AccountCode	(All)	-				
AccidentYear	(All)	-				
			Prior Month	Current Month	1st Projected	2nd Projected
Sum of Amount			ShareYYMM			
BusinessSegment Desc 🔽	Acc Year	-	201607	201608	201609	201610
🗏 Private Passenger	prior		1,000	1,000	1,000	1,000
	2007		(1,000)	(1,000)	(1,000)	(1,000)
	2008		(1,000)	(1,000)	(1,000)	(1,000)
	2009			-	-	-
	2010		1,000	(1,000)	(1,000)	(1,000)
	2011		6,000	3,000	3,000	3,000
	2012		34,000	70,000	69,000	68,000
	2013		94,000	69,000	68,000	67,000
	2014		104,000	63,000	61,000	59,000
	2015		137,000	208,000	183,000	161,000
	2016		(1,000)	110,000	86,000	116,000
Private Passenger Total			374,000	521,000	468,000	472,000
🗏 Non Private Passenger	prior		(1,000)	(1,000)	(1,000)	(1,000)
	2007			-	-	-
	2008			(2,000)	(2,000)	(2,000)
	2009			-	-	-
	2010			-	-	-
	2011		13,000	3,000	3,000	3,000
	2012		63,000	62,000	61,000	60,000
	2013		62,000	53,000	52,000	51,000
	2014		180,000	241,000	236,000	231,000
	2015		410,000	415,000	403,000	395,000
	2016		340,000	266,000	275,000	314,000
Non Private Passenger To	tal		1,067,000	1,037,000	1,027,000	1,051,000
0 17 1 1						
Grand Total	ות		1,441,000	1,558,000 ge 4 for Componer	1,495,000	1,523,000

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



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

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Jurisdiction Desc	Ontario	Т		discount rate:	0.00%
AccountCode Desc	Undiscounted IBNR Provision	7	inte	erest rate margin:	0 basis pts
AccountCode	(AII)	•			
AccidentYear	(AII)	v			
	(*)	Prior Month	Current Month	1st Projected	2nd Projected
Sum of Amount		ShareYYMM]		
BusinessSegment Desc	Acc Year	201607	201608	201609	201610
🗏 Private Passenger	prior	(3,114,904)	(738,000)	(744,000)	(750,000)
Ū	2007	1,285,000	1,114,000	1,092,000	1,081,000
	2008	619,000	411,000	403,000	399,000
	2009	771,000	325,000	318,000	315,000
	2010	29,000	122,000	120,000	119,000
	2011	(34,000)		(39,000)	(39,000)
	2012	(319,000)		(303,000)	(300,000)
	2013	1,352,000	348,000	346,000	343,000
	2014	958,000	707,000	732,000	725,000
	2015	2,195,000	1,891,000	1,957,000	1,937,000
	2016	1,957,000	2,085,000	2,399,000	2,642,000
Private Passenger Total		5,698,096	5,916,000	6,281,000	6,472,000
Non Private Passenger	prior	230,520	247,000	243,000	239,000
	2007	(220,000)	79,000	77,000	75,000
	2008	60,000	124,000	122,000	120,000
	2009	5,000	202,000	198,000	194,000
	2010	372,000	284,000	278,000	270,000
	2011	92,000	(650,000)	(637,000)	(618,000)
	2012	(911,000)		258,000	250,000
	2013	3,568,000	2,261,000	2,216,000	2,150,000
	2014	4,859,000	3,836,000	3,759,000	3,627,000
	2015	5,380,000	5,616,000	5,504,000	5,119,000
	2016	6,184,000	6,188,000	6,829,000	7,487,000
Non Private Passenger To	tal	19,619,520	18,450,000	18,847,000	18,913,000
Grand Total		25 217 646	24.266.000	25 129 000	25 295 000
Grand Total	Dlas	25,317,616 ase see Exhibit G-2, pa	24,366,000	25,128,000	25,385,000
	r ieu	use see Exhibit G-2, pl	ize 5 jor Componer	us of Chunge duri	ng Current Month



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

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Jurisdiction Desc AccountCode Desc	Alberta Undiscounted				discount rate:	0.00%
	IBNR Provision	J		int	erest rate margin:	0 basis pts
AccountCode	(All)	-				
AccidentYear	(All)	-				
		Prior N	/lonth	Current Month	1st Projected	2nd Projected
Sum of Amount		ShareYY	MM 🖵			
BusinessSegment Desc	Acc Year	- 201		201608	201609	201610
🗏 Private Passenger	prior		110,000	(170,000)	(166,000)	(162,000)
	2007		(13,000)	44,000	43,000	43,000
	2008		43,000	43,000	42,000	42,000
	2009		67,000	48,000	47,000	47,000
	2010		313,000	194,000	190,000	188,000
	2011		333,000	360,000	353,000	349,000
	2012		779,000	618,000	593,000	587,000
	2013	1,	605,000	1,041,000	989,000	979,000
	2014	1,	951,000	1,697,000	1,595,000	1,571,000
	2015	2,	472,000	2,244,000	2,087,000	2,056,000
	2016	1,	780,000	2,047,000	2,295,000	2,536,000
Private Passenger Total		10,4	440,000	8,166,000	8,068,000	8,236,000
Non Private Passenger	prior		(57,000)	(95 <i>,</i> 000)	(88,000)	(81,000)
	2007		30,000	30,000	27,000	24,000
	2008		28,000	28,000	25,000	22,000
	2009		352,000	118,000	106,000	95,000
	2010		338,000	308,000	293,000	290,000
	2011		128,000	593,000	563,000	557,000
	2012		059,000	452,000	429,000	425,000
	2013		510,000	1,091,000	1,031,000	1,021,000
	2014		200,000	2,885,000	2,770,000	2,812,000
	2015		117,000	4,903,000	4,707,000	4,801,000
	2016		898,000	6,393,000	6,477,000	6,402,000
Non Private Passenger To	tai	17,0	503,000	16,706,000	16,340,000	16,368,000
Grand Total		28,	043,000	24,872,000	24,408,000	24,604,000
	Plea	se see Exhibi	t G-2, pa	ge 6 for Compone	nts of Change duri	ng Current Month



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

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Jurisdiction Desc	Yukon	T		discount rate:	0.00%
AccountCode Desc	Undiscounted IBNR Provision		inte	erest rate margin:	0 basis pts
AccountCode	(All)	•			
AccidentYear	(All)	-			
		Prior Month	Current Month	1st Projected	2nd Projected
Sum of Amount		ShareYYMM			
BusinessSegment Desc	Acc Year	~ 201607	201608	201609	201610
Private Passenger	prior	5,000	5,000	5,000	5,000
	2007		-	-	-
	2008	16,000	14,000	14,000	14,000
	2009	20,000	14,000	14,000	14,000
	2010	16,000	16,000	16,000	16,000
	2011	(74,000)	28,000	28,000	28,000
	2012	83,000	55,000	54,000	53,000
	2013	135,000	91,000	90,000	89,000
	2014	196,000	178,000	176,000	174,000
	2015	254,000	237,000	220,000	205,000
	2016	209,000	226,000	234,000	231,000
Private Passenger Total		860,000	864,000	851,000	829,000
■Non Private Passenger	prior	1,000	1,000	1,000	1,000
Ū	2007	,	-	, -	-
	2008	2,000	1,000	1,000	1,000
	2009	,	-	-	-
	2010	5,000	2,000	2,000	2,000
	2011	14,000	5,000	5,000	5,000
	2012	20,000	(39,000)	(39,000)	(39,000)
	2013	64,000	48,000	47,000	46,000
	2014	106,000	80,000	78,000	76,000
	2015	145,000	104,000	102,000	100,000
	2016	312,000	282,000	303,000	321,000
Non Private Passenger To	tal	669,000	484,000	500,000	513,000
Grand Total		1,529,000	1,348,000	1,351,000	1,342,000
	Plea	ase see Exhibit G-2, pa	ge 7 for Componer	nts of Change duri	ng Current Month



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

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Jurisdiction Desc	Northwest Territories	7		discount rate:	0.00%
AccountCode Desc	Undiscounted				
	IBNR Provision	.	in	terest rate margin:	0 basis pts
AccountCode	(All)	Ŧ			
AccidentYear	(All)	•			
		Prior Month	Current Month	1st Projected	2nd Projected
Sum of Amount		ShareYYMM	.		
BusinessSegment Desc	Acc Year	- 201607	201608	201609	201610
🗏 Private Passenger	prior	(2,00	00) (2,000)	(2,000)	(2,000)
	2007	3,00	3,000	3,000	3,000
	2008	21,00	0 21,000	21,000	21,000
	2009	(14,00)0) (19,000)	(19,000)	(19,000)
	2010	3,00	3,000	3,000	3,000
	2011	103,00	38,000	38,000	38,000
	2012	145,00	00 89,000	88,000	87,000
	2013	242,00	93,000	92,000	91,000
	2014	225,00	0 73,000	71,000	69,000
	2015	564,00	00 410,000	398,000	386,000
	2016	439,00	436,000	494,000	550,000
Private Passenger Total		1,729,00	0 1,145,000	1,187,000	1,227,000
🗏 Non Private Passenger	prior	2,00	2,000	2,000	2,000
	2007		-	-	-
	2008		-	-	-
	2009		-	-	-
	2010	1,00	00 1,000	1,000	1,000
	2011		-	-	-
	2012	17,00		8,000	8,000
	2013	29,00	0 28,000	28,000	28,000
	2014	115,00		86,000	83,000
	2015	192,00		184,000	173,000
	2016	165,00		210,000	223,000
Non Private Passenger To	tal	521,00	0 511,000	519,000	518,000
Grand Total		2,250,00	1,656,000 page 8 for Compone	1,706,000	1,745,000

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



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

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Jurisdiction Desc AccountCode Desc	Nunavut Undiscounted		discount rate: 0.00%				
	IBNR Provision	T	inte	erest rate margin:	0 basis pts		
AccountCode	(All)	-					
AccidentYear	(All)	v					
		Prior Month	Current Month	1st Projected	2nd Projected		
Sum of Amount		ShareYYMM					
BusinessSegment Desc 🔽	Acc Year	201607	201608	201609	201610		
Private Passenger	prior	(2,000) (2,000)	(2,000)	(2,000)		
	2007	1,000	1,000	1,000	1,000		
	2008	1,000	1,000	1,000	1,000		
	2009		-	-	-		
	2010	7,000	5,000	5,000	5,000		
	2011	18,000	13,000	13,000	13,000		
	2012	39,000		20,000	20,000		
	2013	57,000	31,000	31,000	31,000		
	2014	98,000		49,000	49,000		
	2015	224,000		173,000	166,000		
	2016	24,000		66,000	76,000		
Private Passenger Total		467,000	355,000	357,000	360,000		
Non Private Passenger	prior		-	-	-		
	2007		-	-	-		
	2008 2009	1,000	-	-	-		
	2009	1,000	-	-	-		
	2010		-	-	-		
	2011 2012	17,000	- 6,000	- 6,000	- 6,000		
	2012	33,000		21,000	21,000		
	2013	106,000		42,000	42,000		
	2014	202,000		165,000	163,000		
	2015	100,000		151,000	174,000		
Non Private Passenger Tot		459,000		385,000	406,000		
Grand Total		926,000	714,000	742,000	766,000		



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

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AccountCode Desc Undiscounted IBNR Provision AccountCode (All) AccidentYear (All) Prior Month	inte	erest rate margin:	
AccidentYear (All)			0 basis pts
AccidentYear (All)		-	·
	Current Month	1st Projected	2nd Projected
Sum of Amount ShareYYMM			
BusinessSegment Desc 🔽 Acc Year 🔹 201607	201608	201609	201610
Private Passenger prior (2,725,904)	(445,000)	(451,000)	(457,000)
2007 1,400,000	1,333,000	1,308,000	1,295,000
2008 647,000	474,000	466,000	462,000
2009 857,000	495,000	483,000	479,000
2010 595,000	440,000	433,000	427,000
2011 206,000	480,000	472,000	466,000
2012 2,288,000	828,000	787,000	788,000
2013 4,059,000	2,237,000	2,161,000	2,127,000
2014 6,414,000	4,609,000	4,380,000	4,308,000
2015 10,299,000	8,436,000	7,980,000	7,779,000
2016 7,990,000	9,784,000	10,895,000	11,764,000
Private Passenger Total 32,029,096	28,671,000	28,914,000	29,438,000
Non Private Passenger prior 180,520	165,000	166,000	169,000
2007 (297,000)	140,000	131,000	123,000
2008 254,000	166,000	160,000	154,000
2009 372,000	334,000	316,000	299,000
2010 831,000	631,000	595,000	579,000
2011 1,711,000	151,000	103,000	104,000
2012 89,000	1,112,000	1,029,000	985,000
2013 4,672,000	3,326,000	3,212,000	3,126,000
2014 9,471,000	8,396,000	8,094,000	7,934,000
2015 14,903,000	13,165,000	12,655,000	12,216,000
2016 15,053,000	17,315,000	18,459,000	19,602,000
Non Private Passenger Total 47,239,520	44,901,000	44,920,000	45,291,000
Crand Tatal	72 572 000	72 924 000	74 720 000
Grand Total 79,268,616	73,572,000	73,834,000	74,729,000

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



Retro Claims Expense Provision (\$s) for Member Statements (actuarial present value adjustments = 0)

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Jurisdiction Desc	Newfoundland & Labrador	r		discount rate:	0.00%
AccountCode Desc	Retro Claims				
	Expense 🔮		inte	erest rate margin:	0 basis pts
AccountCode	• • • _	·			
AccidentYear	(All)	*			
		Prior Month	Current Month	1st Projected	2nd Projected
Sum of Amount		ShareYYMM			
BusinessSegment Desc	Acc Year	201607	201608	201609	201610
_					
Private Passenger	prior	227,000	227,000	225,000	223,000
	2007	105,000	104,000	102,000	100,000
	2008	45,000	45,000	44,000	43,000
	2009	92,000	92,000	91,000	90,000
	2010	165,000	157,000	155,000	153,000
	2011	367,000	362,000	359,000	356,000
	2012	340,000	329,000	325,000	321,000
	2013	260,000	272,000	267,000	262,000
	2014	344,000	276,000	271,000	266,000
	2015	332,000	301,000	296,000	292,000
	2016	248,000	308,000	350,712	390,712
Private Passenger Total		2,525,000	2,473,000	2,485,712	2,496,712
Non Private Passenger	prior	62,000	62,000	62,000	62,000
	2007	44,000	44,000	43,000	42,000
	2008	20,000	20,000	20,000	20,000
	2009	34,000	34,000	33,000	33,000
	2010	52,000	50,000	49,000	48,000
	2011	105,000	104,000	103,000	102,000
	2012	88,000	85,000	84,000	83,000
	2013	65,000	68,000	67,000	66,000
	2014	95,000	76,000	75,000	74,000
	2015	99,000	90,000	89,000	88,000
	2016	81,000	100,000	116,128	129,128
Non Private Passenger To	tal	745,000	733,000	741,128	747,128
Grand Total		3,270,000	3,206,000	3,226,840	3,243,840



Retro Claims Expense Provision (\$s) for Member Statements (actuarial present value adjustments = 0)

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Jurisdiction Desc	New Brunswick	π		discount rate:	0.00%
AccountCode Desc	Retro Claims		int	aract rate marries	0 hasis ats
AssaultCada	Expense	v	Inte	erest rate margin:	o basis pis
AccountCode	(All)	The second secon			
AccidentYear	(All)	Prior Month	Current Month	1st Projected	2nd Projected
Sum of Amount		ShareYYMM J	current wonth	Istriojecteu	Zhu Projecteu
BusinessSegment Desc	Acc Year	201607	201608	201609	201610
Dusinesssegment Desc		201007	201005	201005	201010
🗏 Private Passenger	prior	17,000	17,000	17,000	17,000
Ū	2007	130,000	130,000	126,000	122,000
	2008	141,000	141,000	137,000	133,000
	2009	162,000	157,000	152,000	147,000
	2010	141,000	121,000	118,000	115,000
	2011	280,000	244,000	238,000	233,000
	2012	280,000	296,000	290,000	284,000
	2013	213,000	238,000	232,000	226,000
	2014	269,000	242,000	236,000	230,000
	2015	251,000	224,000	218,000	212,000
	2016	44,000	51,000	57,652	63,652
Private Passenger Total		1,928,000	1,861,000	1,821,652	1,782,652
Non Private Passenger	prior	4,000	4,000	4,000	4,000
	2007	108,000	108,000	106,000	104,000
	2008	117,000	117,000	115,000	113,000
	2009	135,000	131,000	128,000	125,000
	2010	119,000	102,000	100,000	98,000
	2011	210,000	183,000	180,000	177,000
	2012	206,000	218,000	215,000	212,000
	2013	150,000	168,000	165,000	162,000
	2014	176,000	157,000	154,000	151,000
	2015	154,000	138,000	136,000	134,000
Non Private Passenger To	2016	26,000 1,405,000	29,000 1,355,000	33,822 1,336,822	37,822 1,317,822
Non Private Passeliger 10	lai	1,405,000	1,355,000	1,550,822	1,517,822
Grand Total		3,333,000	3,216,000	3,158,474	3,100,474



Retro Claims Expense Provision (\$s) for Member Statements (actuarial present value adjustments = 0)

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Expense AccountCode (All) T interest rate margin: 0 basis pts AccountCode AccidentYear (All) ▼ Current Month 1st Projected 2nd Projected Sum of Amount ShareYYMM ▼ 201607 201608 201609 201610 Private Passenger prior 491,000 491,000 482,000 474,000 2007 277,000 277,000 271,000 266,000 266,000 2008 378,000 378,000 370,000 363,000 2010 182,000 136,000 143,000 146,000 2011 190,000 142,000 149,000 145,000 2013 122,000 106,000 104,000 102,000 2014 104,000 83,000 81,000 79,000 2016 29,000 43,000 113,000 111,000 108,000 2016 29,000 43,000 144,000 100,000 100,000 2016 29,000 12,000 111,000 100,000 100,000 </th <th>Jurisdiction Desc</th> <th>Nova Scotia</th> <th></th> <th></th> <th></th> <th>discount rate:</th> <th>0.00%</th>	Jurisdiction Desc	Nova Scotia				discount rate:	0.00%
AccountCode AccidentYear (All) ▼ Sum of Amount BusinessSegment Desc Acc Year V 201607 201608 201609 201610 Private Passenger 2007 277,000 491,000 491,000 482,000 474,000 2008 378,000 378,000 376,000 370,000 266,000 2009 274,000 274,000 269,000 264,000 2011 190,000 182,000 136,000 133,000 130,000 2012 165,000 149,000 149,000 149,000 149,000 2014 104,000 83,000 81,000 79,000 2016,000 2016 29,000 43,000 111,000 109,000 102,000 2016 29,000 43,000 111,000 109,000 100,000 100,000 2016 29,000 43,000 63,000 61,000 20,000 61,000 2016 2,346,000 2,202,000 2,165,412 2,133,412 2,413,412 Private Passenger Total	AccountCode Desc	Retro Claims			int	aract rata margin.	0 hacis ats
AccidentYear Prior Month Lst Projected 2nd Projected Sum of Amount ShareYYMM ▼ 201607 201608 201609 201610 Private Passenger prior 491,000 491,000 482,000 474,000 2007 277,000 277,000 271,000 266,000 2008 378,000 378,000 363,000 2010 182,000 149,000 149,000 2011 190,000 152,000 149,000 145,000 2012 165,000 149,000 147,000 145,000 2013 122,000 106,000 104,000 102,000 2014 104,000 83,000 81,000 79,000 2015 134,000 113,000 111,000 109,000 2016 2,000 43,000 48,412 55,412 Private Passenger Total 2,346,000 2,202,000 2,165,412 2,133,412 Non Private Passenger prior 113,000 112,000 110,000 108,000	A second Carda	-			Inte	erest rate margin:	U Dasis pts
Prior Month Current Month 1st Projected 2nd Projected Sum of Amount ShareYYMM ✓ 201607 201608 201609 201610 ■ Private Passenger prior 491,000 491,000 482,000 474,000 2007 277,000 277,000 271,000 266,000 266,000 2008 378,000 378,000 370,000 363,000 264,000 2010 182,000 136,000 133,000 130,000 149,000 146,000 2011 190,000 152,000 149,000 145,000 20100 2013 122,000 106,000 102,000 2015 134,000 13,000 111,000 109,000 112,000 111,000 109,000 2016 29,000 43,000 112,000 111,000 108,000 2010 2013 2,133,412 Private Passenger Total 2,346,000 2,202,000 2,165,412 2,133,412 Private Passenger prior 113,000 112,000 110,000		• •					
Sum of Amount BusinessSegment Desc Acc Year ≥ 201607 201608 201609 201610 Private Passenger prior 491,000 491,000 482,000 474,000 2007 277,000 277,000 270,000 363,000 2009 274,000 274,000 266,000 266,000 2010 182,000 378,000 370,000 363,000 2011 190,000 152,000 149,000 146,000 2012 165,000 149,000 102,000 2010 2014 104,000 83,000 81,000 79,000 2015 134,000 113,000 111,000 109,000 2016 29,000 43,000 48,412 55,412 Private Passenger Total 2,346,000 2,202,000 2,165,412 2,133,412 Private Passenger prior 113,000 112,000 111,000 108,000 2007 63,000 63,000 62,000 61,000 2010 128,000 96,	AccidentYear	(AII)		Drior Month	Current Month	1st Drojested	and Drojected
BusinessSegment Desc Acc Year ▼ 201607 201608 201609 201610 Private Passenger prior 491,000 491,000 482,000 474,000 2007 277,000 277,000 271,000 266,000 2008 378,000 378,000 376,000 363,000 2009 274,000 274,000 256,000 264,000 2011 190,000 152,000 149,000 145,000 2013 122,000 166,000 104,000 145,000 2014 104,000 83,000 81,000 79,000 2015 134,000 113,000 111,000 109,000 2016 29,000 43,000 48,412 55,412 Private Passenger Total 2,346,000 2,202,000 2,165,412 2,133,412 Scool 63,000 63,000 62,000 61,000 108,000 2007 63,000 63,000 62,000 61,000 2000 112,000 110,000 108,0	Curry of American		c		Current Wonth	Ist Projected	2nd Projected
Private Passenger prior 491,000 491,000 482,000 474,000 2007 277,000 277,000 271,000 266,000 2008 378,000 370,000 363,000 2009 274,000 274,000 269,000 264,000 2010 182,000 136,000 133,000 130,000 140,000 100,000 2011 190,000 145,000 149,000 147,000 145,000 2013 122,000 106,000 104,000 102,000 2014 104,000 83,000 81,000 79,000 2015 134,000 113,000 111,000 109,000 2016 29,000 43,000 48,412 55,412 Private Passenger Total 2,346,000 2,202,000 2,165,412 2,133,412 Private Passenger prior 113,000 113,000 112,000 111,000 108,000 2007 63,000 63,000 62,000 64,000 92,000 20,000 20,000 110,000 108,000 2008 112,000 112,000 11					201609	201600	201610
2007 277,000 277,000 271,000 266,000 2008 378,000 378,000 370,000 363,000 2009 274,000 274,000 269,000 264,000 2010 182,000 136,000 133,000 130,000 2011 190,000 152,000 149,000 146,000 2012 165,000 149,000 147,000 145,000 2013 122,000 106,000 104,000 102,000 2014 104,000 83,000 81,000 79,000 2015 134,000 113,000 111,000 109,000 2016 29,000 43,000 48,412 55,412 Private Passenger Total 2,346,000 2,202,000 2,165,412 2,133,412 © Non Private Passenger prior 113,000 112,000 111,000 108,000 2007 63,000 63,000 62,000 61,000 2010 128,000 96,000 94,000 92,000 2011	businesssegment Desc	Acc fear	Ľ	201607	201008	201609	201010
2007 277,000 277,000 271,000 266,000 2008 378,000 378,000 370,000 363,000 2009 274,000 274,000 269,000 264,000 2010 182,000 136,000 133,000 130,000 2011 190,000 152,000 149,000 146,000 2012 165,000 149,000 147,000 145,000 2013 122,000 106,000 104,000 102,000 2014 104,000 83,000 81,000 79,000 2015 134,000 113,000 111,000 109,000 2016 29,000 43,000 48,412 55,412 Private Passenger Total 2,346,000 2,202,000 2,165,412 2,133,412 © Non Private Passenger prior 113,000 112,000 111,000 108,000 2007 63,000 63,000 62,000 61,000 2010 128,000 96,000 94,000 92,000 2011	🗏 Private Passenger	prior		491 000	491 000	482 000	474 000
2008 378,000 379,000 363,000 2009 274,000 274,000 269,000 264,000 2010 182,000 136,000 133,000 130,000 2011 190,000 152,000 149,000 146,000 2012 165,000 149,000 147,000 145,000 2013 122,000 106,000 104,000 102,000 2014 104,000 83,000 81,000 79,000 2015 134,000 113,000 111,000 109,000 2016 29,000 43,000 48,412 55,412 Private Passenger Total 2,346,000 2,202,000 2,165,412 2,133,412 Image: Non Private Passenger prior 113,000 112,000 111,000 108,000 2007 63,000 63,000 62,000 61,000 2000 2000 2000 2000 100,000 108,000 2000 2010 12,000 110,000 108,000 2000 2010 126,000		-		-	-	-	,
2009 274,000 274,000 269,000 264,000 2010 182,000 136,000 133,000 130,000 2011 190,000 152,000 149,000 146,000 2012 165,000 149,000 147,000 145,000 2013 122,000 106,000 104,000 102,000 2014 104,000 83,000 81,000 79,000 2015 134,000 113,000 111,000 109,000 2016 29,000 43,000 48,412 55,412 Private Passenger Total 2,346,000 2,202,000 2,165,412 2,133,412 Private Passenger prior 113,000 113,000 112,000 111,000 108,000 2007 63,000 63,000 62,000 61,000 108,000 2010 128,000 96,000 94,000 92,000 2011 186,000 103,000 160,000 103,000 123,000 2011 186,000 150,000 144,000 129,0				-	-	-	
2010 182,000 136,000 133,000 130,000 2011 190,000 152,000 149,000 146,000 2012 165,000 149,000 147,000 145,000 2013 122,000 106,000 104,000 102,000 2014 104,000 83,000 81,000 79,000 2015 134,000 113,000 111,000 109,000 2016 29,000 43,000 48,412 55,412 Private Passenger Total 2,346,000 2,202,000 2,165,412 2,133,412 © Non Private Passenger prior 113,000 112,000 111,000 108,000 2007 63,000 63,000 62,000 61,000 2008 112,000 112,000 108,000 2010 128,000 96,000 94,000 92,000 2011 186,000 150,000 144,000 104,000 2012 183,000 166,000 163,000 160,000 2013 149,000					-	-	-
2011 190,000 152,000 149,000 146,000 2012 165,000 149,000 147,000 145,000 2013 122,000 106,000 104,000 102,000 2014 104,000 83,000 81,000 79,000 2015 134,000 113,000 111,000 109,000 2016 29,000 43,000 48,412 55,412 Private Passenger Total 2,346,000 2,202,000 2,165,412 2,133,412 © Non Private Passenger prior 113,000 112,000 111,000 108,000 2007 63,000 63,000 62,000 61,000 2008 112,000 110,000 108,000 2009 112,000 110,000 108,000 2010 128,000 96,000 94,000 92,000 2011 186,000 150,000 147,000 144,000 2012 183,000 166,000 163,000 160,000 2011 186,000 <		2010		-	-	-	-
2012 165,000 149,000 147,000 145,000 2013 122,000 106,000 104,000 102,000 2014 104,000 83,000 81,000 79,000 2015 134,000 113,000 111,000 109,000 2016 29,000 43,000 2,165,412 2,133,412 Private Passenger Total 2,346,000 2,202,000 2,165,412 2,133,412 © Non Private Passenger prior 113,000 112,000 111,000 108,000 2007 63,000 63,000 62,000 61,000 2008 112,000 110,000 108,000 2010 128,000 96,000 94,000 92,000 2011 186,000 150,000 147,000 144,000 2012 183,000 166,000 163,000 160,000 2013 149,000 129,000 126,000 123,000 2014 136,000 109,000 106,000 103,000 2015				-	-	-	-
2013 122,000 106,000 104,000 102,000 2014 104,000 83,000 81,000 79,000 2015 134,000 113,000 111,000 109,000 2016 29,000 43,000 48,412 55,412 Private Passenger Total 2,346,000 2,202,000 2,165,412 2,133,412 Non Private Passenger prior 113,000 112,000 111,000 108,000 2007 63,000 63,000 62,000 61,000 2008 112,000 110,000 108,000 2010 128,000 96,000 94,000 92,000 2011 186,000 150,000 147,000 144,000 2012 183,000 166,000 163,000 103,000 2013 149,000 129,000 126,000 123,000 2014 136,000 109,000 106,000 103,000 2015 182,000 154,000 151,000 148,000 2016 <td< th=""><th></th><th>2012</th><th></th><th>-</th><th>-</th><th>,</th><th></th></td<>		2012		-	-	,	
2014 104,000 83,000 81,000 79,000 2015 134,000 113,000 111,000 109,000 2016 29,000 43,000 48,412 55,412 Private Passenger Total 2,346,000 2,202,000 2,165,412 2,133,412 Image: Private Passenger prior 113,000 113,000 112,000 111,000 2007 63,000 63,000 62,000 61,000 2008 112,000 110,000 108,000 2009 112,000 110,000 108,000 2011 186,000 150,000 147,000 144,000 2012 183,000 166,000 163,000 160,000 2013 149,000 129,000 126,000 123,000 2014 136,000 109,000 106,000 103,000 2015 182,000 154,000 151,000 148,000 2016 41,000 59,000 67,123 75,123 Non Private Passenger Total 1,405,000		2013				-	-
2015 134,000 113,000 111,000 109,000 2016 29,000 43,000 48,412 55,412 Private Passenger Total 2,346,000 2,202,000 2,165,412 2,133,412 ■ Non Private Passenger prior 113,000 113,000 112,000 111,000 2007 63,000 63,000 62,000 61,000 2008 112,000 112,000 100,000 108,000 2009 112,000 112,000 100,000 108,000 2010 128,000 96,000 94,000 92,000 2011 186,000 150,000 147,000 144,000 2012 183,000 166,000 163,000 123,000 2013 149,000 129,000 126,000 123,000 2015 182,000 154,000 151,000 148,000 2016 41,000 59,000 67,123 75,123 Non Private Passenger Total 1,405,000 1,263,000 1,248,123 1,233,123<		2014		,			79,000
2016 29,000 43,000 48,412 55,412 Private Passenger Total 2,346,000 2,202,000 2,165,412 2,133,412 ■ Non Private Passenger prior 113,000 113,000 112,000 111,000 2007 63,000 63,000 62,000 61,000 2008 112,000 112,000 100,000 108,000 2010 128,000 96,000 94,000 92,000 2011 186,000 150,000 147,000 144,000 2012 183,000 166,000 163,000 103,000 2013 149,000 129,000 126,000 103,000 2015 182,000 154,000 151,000 148,000 2016 41,000 59,000 67,123 75,123 Non Private Passenger Total 1,405,000 1,263,000 1,248,123 1,233,123		2015		-	-	-	109,000
■ Non Private Passenger prior 113,000 113,000 112,000 111,000 2007 63,000 63,000 62,000 61,000 000 2008 112,000 112,000 110,000 108,000 000 </th <th></th> <th>2016</th> <th></th> <th>-</th> <th>-</th> <th>-</th> <th>55,412</th>		2016		-	-	-	55,412
2007 63,000 62,000 61,000 2008 112,000 112,000 110,000 108,000 2009 112,000 112,000 110,000 108,000 2010 128,000 96,000 94,000 92,000 2011 186,000 150,000 147,000 144,000 2012 183,000 166,000 163,000 160,000 2013 149,000 129,000 126,000 123,000 2014 136,000 109,000 106,000 103,000 2015 182,000 154,000 151,000 148,000 2016 41,000 59,000 67,123 75,123	Private Passenger Total			2,346,000	2,202,000	2,165,412	2,133,412
2007 63,000 62,000 61,000 2008 112,000 112,000 110,000 108,000 2009 112,000 112,000 110,000 108,000 2010 128,000 96,000 94,000 92,000 2011 186,000 150,000 147,000 144,000 2012 183,000 166,000 163,000 160,000 2013 149,000 129,000 126,000 123,000 2014 136,000 109,000 106,000 103,000 2015 182,000 154,000 151,000 148,000 2016 41,000 59,000 67,123 75,123							
2008 112,000 112,000 110,000 108,000 2009 112,000 112,000 110,000 108,000 2010 128,000 96,000 94,000 92,000 2011 186,000 150,000 147,000 144,000 2012 183,000 166,000 163,000 160,000 2013 149,000 129,000 126,000 123,000 2014 136,000 109,000 106,000 103,000 2015 182,000 154,000 151,000 148,000 2016 41,000 59,000 67,123 75,123	Non Private Passenger	prior		113,000	113,000	112,000	111,000
2009 112,000 112,000 110,000 108,000 2010 128,000 96,000 94,000 92,000 2011 186,000 150,000 147,000 144,000 2012 183,000 166,000 163,000 160,000 2013 149,000 129,000 126,000 123,000 2014 136,000 109,000 106,000 103,000 2015 182,000 154,000 151,000 148,000 2016 41,000 59,000 67,123 75,123 Non Private Passenger Total 1,405,000 1,263,000 1,248,123 1,233,123		2007		63,000	63,000	62,000	61,000
2010 128,000 96,000 94,000 92,000 2011 186,000 150,000 147,000 144,000 2012 183,000 166,000 163,000 160,000 2013 149,000 129,000 126,000 123,000 2014 136,000 109,000 106,000 103,000 2015 182,000 154,000 151,000 148,000 2016 41,000 59,000 67,123 75,123				112,000	112,000	110,000	108,000
2011 186,000 150,000 147,000 144,000 2012 183,000 166,000 163,000 160,000 2013 149,000 129,000 126,000 123,000 2014 136,000 109,000 106,000 103,000 2015 182,000 154,000 151,000 148,000 2016 41,000 59,000 67,123 75,123		2009					108,000
2012 183,000 166,000 163,000 160,000 2013 149,000 129,000 126,000 123,000 2014 136,000 109,000 106,000 103,000 2015 182,000 154,000 151,000 148,000 2016 41,000 59,000 67,123 75,123		2010		128,000	96,000	94,000	92,000
2013 149,000 129,000 126,000 123,000 2014 136,000 109,000 106,000 103,000 2015 182,000 154,000 151,000 148,000 2016 41,000 59,000 67,123 75,123 Non Private Passenger Total 1,405,000 1,263,000 1,248,123 1,233,123		2011		186,000	150,000	147,000	144,000
2014 136,000 109,000 106,000 103,000 2015 182,000 154,000 151,000 148,000 2016 41,000 59,000 67,123 75,123 Non Private Passenger Total 1,405,000 1,263,000 1,248,123 1,233,123		-		183,000	166,000	163,000	160,000
2015 182,000 154,000 151,000 148,000 2016 41,000 59,000 67,123 75,123 Non Private Passenger Total 1,405,000 1,263,000 1,248,123 1,233,123							123,000
2016 41,000 59,000 67,123 75,123 Non Private Passenger Total 1,405,000 1,263,000 1,248,123 1,233,123						-	103,000
Non Private Passenger Total 1,405,000 1,263,000 1,248,123 1,233,123							148,000
							75,123
Grand Total 3,751.000 3.465.000 3.413.535 3.366.535	Non Private Passenger To	tal		1,405,000	1,263,000	1,248,123	1,233,123
	Grand Total			3,751,000	3,465,000	3,413,535	3,366,535



Retro Claims Expense Provision (\$s) for Member Statements (actuarial present value adjustments = 0)

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Jurisdiction Desc	Prince Edward Island				discount rate:	0.00%
AccountCode Desc	Retro Claims Expense			inte	erest rate margin:	0 basis pts
AccountCode	(All)	-				
AccidentYear	(All)	-				
		Prior Mor	-	Current Month	1st Projected	2nd Projected
Sum of Amount	-	ShareYYMM	T			
BusinessSegment Desc	Acc Year	- 201607	'	201608	201609	201610
Private Passenger	prior		,000)	(47,000)	(45,000)	(43,000)
	2007	20	,000	20,000	20,000	20,000
	2008	37	,000	37,000	36,000	35,000
	2009	32	,000	32,000	31,000	30,000
	2010	(2	,000)	14,000	13,000	12,000
	2011	(1	,000)	43,000	42,000	41,000
	2012	8	,000	31,000	30,000	29,000
	2013	44	,000	41,000	40,000	39,000
	2014	19	,000	16,000	15,000	14,000
	2015	43	,000	48,000	47,000	46,000
	2016	(2	,000)	9,000	17,023	18,023
Private Passenger Total		151,	,000	244,000	246,023	241,023
Non Private Passenger	prior	(24	,000)	(24,000)	(23,000)	(22,000)
	2007	8	,000	8,000	8,000	8,000
	2008	19	,000,	19,000	19,000	19,000
	2009	19	,000	19,000	19,000	19,000
	2010	(1	,000)	9,000	9,000	9,000
	2011	(1	,000)	26,000	26,000	26,000
	2012		,000	18,000	18,000	18,000
	2013		,000	26,000	25,000	24,000
	2014		,000	10,000	9,000	8,000
	2015		,000	32,000	31,000	30,000
	2016		,000)	6,000	11,154	11,154
Non Private Passenger Tot	tal	89	,000	149,000	152,154	150,154



Retro Claims Expense Provision (\$s) for Member Statements (actuarial present value adjustments = 0)

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Jurisdiction Desc	Ontario	Ţ	discount rate: 0.00%						
AccountCode Desc	Retro Claims Expense			int	erest rate margin:	0 basis ats			
AccountCodo	•	** *		III	erest rate margin.	o basis pis			
AccountCode AccidentYear	(All) (All)								
Accidentifear	(AII)		Prior Month	Current Month	1st Projected	2nd Projected			
Sum of Amount			ShareYYMM	current wonth	Istriojecteu	Zhu Projecteu			
BusinessSegment Desc	Acc Year	-	201607	201608	201609	201610			
Dusinesssegment Desc			201007	201000	201005	201010			
🗏 Private Passenger	prior		4,253,000	4,219,000	4,093,000	3,971,000			
	2007		1,519,000	1,519,000	1,473,000	1,429,000			
	2008		1,162,000	1,162,000	1,127,000	1,093,000			
	2009		909,000	866,000	840,000	815,000			
	2010		805,000	845,000	820,000	795,000			
	2011		446,000	623,000	593,000	564,000			
	2012		1,062,000	1,128,000	1,098,000	1,069,000			
	2013		799,000	743,000	720,000	698,000			
	2014		417,000	380,000	361,000	343,000			
	2015		495,000	493,000	477,000	462,000			
	2016		162,000	166,000	182,369	201,369			
Private Passenger Total			12,029,000	12,144,000	11,784,369	11,440,369			
Non Private Passenger	prior		1,122,000	1,114,000	1,092,000	1,070,000			
	2007		704,000	704,000	690,000	676,000			
	2008		536,000	536,000	525,000	514,000			
	2009		516,000	491,000	481,000	471,000			
	2010		604,000	633,000	620,000	608,000			
	2011		352,000	494,000	478,000	462,000			
	2012		972,000	1,033,000	1,015,000	997,000			
	2013		1,217,000	1,132,000	1,109,000	1,086,000			
	2014		776,000	708,000	685,000	662,000			
	2015		1,101,000	1,098,000	1,075,000	1,052,000			
	2016		368,000	374,000	410,516	457,516			
Non Private Passenger To	tai		8,268,000	8,317,000	8,180,516	8,055,516			
Grand Total			20,297,000	20,461,000	19,964,885	19,495,885			



Retro Claims Expense Provision (\$s) for Member Statements (actuarial present value adjustments = 0)

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Jurisdiction Desc	Alberta	Ţ	discount rate: 0.00%						
AccountCode Desc	Retro Claims								
	Expense	Τ.		int	erest rate margin:	0 basis pts			
AccountCode	(All)	-							
AccidentYear	(All)								
			Prior Month	Current Month	1st Projected	2nd Projected			
Sum of Amount	_		ShareYYMM 🔄						
BusinessSegment Desc	Acc Year	-	201607	201608	201609	201610			
Private Passenger	prior		144,000	153,000	151,000	149,000			
	2007		102,000	102,000	100,000	98,000			
	2008		122,000	122,000	120,000	118,000			
	2009		102,000	102,000	100,000	98,000			
	2010		87,000	80,000	78,000	76,000			
	2011		111,000	98,000	96,000	94,000			
	2012		115,000	105,000	103,000	101,000			
	2013		110,000	102,000	100,000	98,000			
	2014		105,000	95 <i>,</i> 000	93,000	91,000			
	2015		108,000	86,000	84,000	82,000			
	2016		(14,000)	(21,000)	(20,597)	(22,597)			
Private Passenger Total			1,092,000	1,024,000	1,004,403	982,403			
🗏 Non Private Passenger	prior		102,000	123,000	123,000	123,000			
	2007		331,000	331,000	328,000	325,000			
	2008		426,000	426,000	422,000	418,000			
	2009		364,000	364,000	360,000	356,000			
	2010		307,000	284,000	281,000	278,000			
	2011		375,000	330,000	327,000	324,000			
	2012		418,000	383,000	379,000	375,000			
	2013		434,000	403,000	399,000	395,000			
	2014		455,000	412,000	408,000	404,000			
	2015		500,000	400,000	396,000	392,000			
	2016		(75,000)	(109,000)	(106,574)	(117,574)			
Non Private Passenger To	tal		3,637,000	3,347,000	3,316,426	3,272,426			
Grand Total			4,729,000	4,371,000	4,320,829	4,254,829			



Retro Claims Expense Provision (\$s) for Member Statements (actuarial present value adjustments = 0)

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Jurisdiction Desc	Yukon	Ţ	discount rate: 0.00%						
AccountCode Desc	Retro Claims								
	Expense	.		inte	erest rate margin:	0 basis pts			
AccountCode	(All)	-							
AccidentYear	(All)	•							
			Prior Month	Current Month	1st Projected	2nd Projected			
Sum of Amount	1		ShareYYMM 🔄						
BusinessSegment Desc	Acc Year	-	201607	201608	201609	201610			
_									
Private Passenger	prior		(42,000)	(42,000)	(41,000)	(40,000)			
	2007		12,000	12,000	12,000	12,000			
	2008		12,000	12,000	12,000	12,000			
	2009		8,000	8,000	8,000	8,000			
	2010		5,000	3,000	3,000	3,000			
	2011		7,000	8,000	8,000	8,000			
	2012		2,000	7,000	7,000	7,000			
	2013		2,000	(1,000)	(1,000)	(1,000)			
	2014		(10,000)	(11,000)	(11,000)	(11,000)			
	2015		13,000	10,000	10,000	10,000			
	2016		(3,000)	(4,000)	(4,502)	(5,502)			
Private Passenger Total			6,000	2,000	2,498	2,498			
					((
Non Private Passenger	prior		(18,000)	(19,000)	(18,000)	(18,000)			
	2007		7,000	7,000	7,000	7,000			
	2008		7,000	7,000	7,000	7,000			
	2009 2010		7,000 6,000	7,000 4,000	7,000	7,000 4,000			
	2010		-	-	4,000	-			
			9,000	10,000	10,000	10,000			
	2012		3,000	8,000	8,000	8,000			
	2013 2014		3,000	(2,000)	(2,000)	(2,000)			
	2014 2015		<mark>(13,000)</mark> 18,000	<mark>(14,000)</mark> 14,000	<mark>(14,000)</mark> 14,000	(14,000)			
	2015		(4,000)	(7,000)	(7,932)	14,000 (8,932)			
Non Private Passenger Tot			25,000	15,000	15,068	14,068			
Non i fivate i assenger fot			23,000	13,000	15,008	14,008			
Grand Total			31,000	17,000	17,566	16,566			



Retro Claims Expense Provision (\$s) for Member Statements (actuarial present value adjustments = 0)

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AccountCode Desc	Territories	.		discount rate:	0.00%
	Retro Claims Expense		inte	erest rate margin:	0 basis pts
AccountCode	(All)	-			
AccidentYear	(All)	T			
		Prior Month	Current Month	1st Projected	2nd Projected
Sum of Amount	1	ShareYYMM			
BusinessSegment Desc	Acc Year	~ 201607	201608	201609	201610
Private Passenger	prior	28,000	28,000	28,000	28,000
	2007	24,000	24,000	24,000	24,000
	2008	34,000	34,000	34,000	34,000
	2009	31,000	31,000	31,000	31,000
	2010	33,000	24,000	24,000	24,000
	2011	34,000	27,000	27,000	27,000
	2012	32,000	28,000	28,000	28,000
	2013	34,000	27,000	27,000	27,000
	2014	29,000	11,000	11,000	11,000
	2015	98,000	87,000	87,000	87,000
	2016	(36,000)	(40,000)	(36,417)	(42,417)
Private Passenger Total		341,000	281,000	284,583	278,583
■Non Private Passenger	prior	8,000	8,000	8,000	8,000
	2007	7,000	7,000	7,000	7,000
	2007	10,000	10,000	10,000	10,000
	2008	9,000	9,000	9,000	9,000
	2010	11,000	8,000	8,000	8,000
	2010	11,000	9,000	9,000	9,000
	2011	11,000	10,000	10,000	10,000
	2012	13,000	10,000	10,000	10,000
	2013	10,000	4,000	4,000	4,000
	2014	33,000	28,000	28,000	28,000
	2015	(13,000)	(14,000)	(14,548)	(15,548)
Non Private Passenger Tot		110,000	89,000	88,452	87,452
			,•	,=	
Grand Total		451,000	370,000	373,035	366,035



Retro Claims Expense Provision (\$s) for Member Statements (actuarial present value adjustments = 0)

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Jurisdiction Desc	Nunavut	Ţ	discount rate: 0.00%						
AccountCode Desc	Retro Claims								
	Expense	.		inte	erest rate margin:	0 basis pts			
AccountCode	(All)	-							
AccidentYear	(All)	-							
			Prior Month	Current Month	1st Projected	2nd Projected			
Sum of Amount			ShareYYMM 🔄						
BusinessSegment Desc	Acc Year	-	201607	201608	201609	201610			
_									
Private Passenger	prior			-	-	-			
	2007		3,000	3,000	3,000	3,000			
	2008		5,000	5,000	5,000	5,000			
	2009		6,000	6,000	6,000	6,000			
	2010		8,000	6,000	6,000	6,000			
	2011		9,000	7,000	7,000	7,000			
	2012		9,000	8,000	8,000	8,000			
	2013		(12,000)	(9,000)	(9,000)	(9,000)			
	2014		23,000	16,000	16,000	16,000			
	2015		6,000	6,000	6,000	6,000			
	2016		(9,000)	(10,000)	(17,006)	(17,006)			
Private Passenger Total			48,000	38,000	30,994	30,994			
Non Private Passenger	prior			-	-	-			
	2007		2,000	2,000	2,000	2,000			
	2008		2,000	2,000	2,000	2,000			
	2009		4,000	4,000	4,000	4,000			
	2010		6,000	4,000	4,000	4,000			
	2011		6,000	5,000	5,000	5,000			
	2012		6,000	5,000	5,000	5,000			
	2013		(9,000)	(7,000)	(7,000)	(7,000)			
	2014		18,000	13,000	13,000	13,000			
	2015		6,000	5,000	5,000	5,000			
	2016		(10,000)	(11,000)	(20,316)	(22,316)			
Non Private Passenger To	tal		31,000	22,000	12,684	10,684			
Grand Total			79,000	60,000	43,678	41,678			



Retro Claims Expense Provision (\$s) for Member Statements (actuarial present value adjustments = 0)

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Expense ▼ interest rate margin: 0 basis pts AccountCode AccidentYear (All) ▼ AccidentYear (All) ▼ Sum of Amount BusinessSegment Desc Acc Year 201607 201608 201609 201610 ■ Private Passenger prior 5,071,000 5,046,000 4,910,000 4,779,000 2007 2,192,000 2,191,000 2,131,000 2,074,000 2008 1,936,000 1,588,000 1,836,000 1,836,000 2010 1,444,000 1,366,000 1,519,000 1,4480,000 2011 1,443,000 1,519,000 1,4480,000 1,314,000 2013 1,572,000 1,519,000 1,4480,000 1,368,000 1,390,000 2015 1,480,000 1,368,000 1,336,000 1,393,000 1,303,000 2015 1,480,000 1,368,000 1,368,040 1,360,000 1,338,000 2016 419,000 502,000 19,825,646 19,388,646 19,388,646 Private Passenger Total	Jurisdiction Desc	(All)	•	discount rate: 0.00%						
AccountCode (AII) ▼ AccidentYear (AII) ▼ Sum of Amount ShareYYMM ▼ BusinessSegment Desc Acc Year ✓ 201607 201608 201609 201610 ■ Private Passenger prior 5,071,000 5,046,000 4,910,000 4,779,000 2007 2,192,000 2,191,000 2,131,000 2,0470,000 2008 1,936,000 1,568,000 1,528,000 1,885,000 1,836,000 2010 1,424,000 1,386,000 1,519,000 1,476,000 2011 1,447,000 1,568,000 1,519,000 1,4470,000 2013 1,572,000 1,519,000 1,442,000 1,386,000 1,306,000 1,309,000 1,442,000 1,368,000 1,336,000 1,309,000 1,442,000 1,368,000 1,366,000 1,442,000 1,366,000 1,368,000 1,336,000 1,309,000 1,442,000 1,368,000 1,360,000 1,348,000 1,360,000 1,322,000 1,223,000 1,223,000 1,224,000 1,249,000	AccountCode Desc	Retro Claims								
AccidentYear (All) ▼ Prior Month Current Month 1st Projected 2nd Projected Sum of Amount ShareYYMM ▼ 201607 201608 201609 201610 ■ Private Passenger prior 5,071,000 5,046,000 4,910,000 4,779,000 2007 2,192,000 2,191,000 2,131,000 2,074,000 2008 1,936,000 1,885,000 1,885,000 1,836,000 2010 1,444,000 1,568,000 1,528,000 1,448,000 2011 1,443,000 1,564,000 1,519,000 1,447,000 2012 2,013,000 2,081,000 2,036,000 1,992,000 2013 1,572,000 1,519,000 1,448,000 1,448,000 2014 1,300,000 1,018,000 1,036,000 1,336,000 2015 1,480,000 1,360,000 1,360,000 1,338,000 2016 419,000 1,249,000 1,249,000 1,249,000 1,249,000 2010 1,232,000		-			inte	erest rate margin:	0 basis pts			
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BusinessSegment Desc Acc Year 201607 201608 201609 201610 ■ Private Passenger prior 5,071,000 5,046,000 4,910,000 4,779,000 2007 2,192,000 2,191,000 2,131,000 2,074,000 2008 1,936,000 1,885,000 1,886,000 1,350,000 1,489,000 2010 1,424,000 1,366,000 1,519,000 1,476,000 2,036,000 1,992,000 2012 2,013,000 2,081,000 2,036,000 1,992,000 2,014 1,300,000 1,108,000 1,442,000 2014 1,300,000 1,108,000 1,073,000 1,039,000 2,015 1,480,000 1,368,000 1,306,000 1,306,000 1,308,000 1,308,000 1,308,000 1,308,000 1,308,000 1,308,000 1,320,000 1,211,000 1,223,000 1,232,000 1,232,000 1,232,000 1,232,000 1,232,000 1,232,000 1,230,000 1,211,000 1,232,000 1,225,000 1,259,000 1,259,000 1,259,000 1,259,000					Current Month	1st Projected	2nd Projected			
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2016 419,000 502,000 577,646 641,646 Private Passenger Total 20,466,000 20,269,000 19,825,646 19,388,646 Non Private Passenger prior 1,369,000 1,381,000 1,360,000 1,338,000 2007 1,274,000 1,274,000 1,253,000 1,232,000 2008 1,249,000 1,249,000 1,151,000 1,132,000 2010 1,232,000 1,171,000 1,169,000 1,149,000 2011 1,253,000 1,926,000 1,897,000 1,868,000 2012 1,891,000 1,926,000 1,897,000 1,868,000 2013 2,049,000 1,927,000 1,897,000 1,868,000 2014 1,664,000 1,475,000 1,892,000 1,891,000 2015 2,121,000 1,959,000 1,925,000 1,891,000 2016 413,000 427,000 15,091,373 14,888,373 Non Private Passenger Total 15,715,000 15,290,000 15,091,373 14,888,373		2014		1,300,000	1,108,000	1,073,000	1,039,000			
Private Passenger Total 20,466,000 20,269,000 19,825,646 19,388,646 Non Private Passenger prior 1,369,000 1,381,000 1,360,000 1,338,000 2007 1,274,000 1,274,000 1,253,000 1,232,000 2008 1,249,000 1,249,000 1,230,000 1,121,000 2009 1,200,000 1,171,000 1,151,000 1,132,000 2010 1,232,000 1,311,000 1,285,000 1,259,000 2011 1,253,000 1,926,000 1,897,000 1,868,000 2013 2,049,000 1,927,000 1,892,000 1,887,000 2014 1,664,000 1,475,000 1,400,000 1,405,000 2015 2,121,000 1,959,000 1,925,000 1,891,000 2016 413,000 427,000 489,373 546,373 Non Private Passenger Total 15,715,000 15,091,373 14,888,373		2015		1,480,000	1,368,000	1,336,000	1,306,000			
Non Private Passenger prior 1,369,000 1,381,000 1,360,000 1,338,000 2007 1,274,000 1,274,000 1,253,000 1,232,000 2008 1,249,000 1,249,000 1,230,000 1,211,000 2009 1,200,000 1,171,000 1,151,000 1,132,000 2010 1,232,000 1,190,000 1,169,000 1,149,000 2011 1,253,000 1,311,000 1,285,000 1,259,000 2012 1,891,000 1,926,000 1,897,000 1,868,000 2013 2,049,000 1,927,000 1,892,000 1,857,000 2014 1,664,000 1,475,000 1,440,000 1,405,000 2015 2,121,000 1,959,000 1,925,000 1,891,000 2016 413,000 427,000 489,373 546,373 Non Private Passenger Total 15,715,000 15,091,373 14,888,373		2016		419,000	502,000	577,646	641,646			
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2007 1,274,000 1,274,000 1,253,000 1,232,000 2008 1,249,000 1,249,000 1,230,000 1,211,000 2009 1,200,000 1,171,000 1,151,000 1,132,000 2010 1,232,000 1,190,000 1,169,000 1,149,000 2011 1,253,000 1,311,000 1,285,000 1,259,000 2012 1,891,000 1,926,000 1,897,000 1,868,000 2013 2,049,000 1,927,000 1,892,000 1,405,000 2014 1,664,000 1,475,000 1,400,000 1,405,000 2015 2,121,000 1,959,000 1,925,000 1,891,000 2016 413,000 427,000 489,373 546,373 Non Private Passenger Total 15,715,000 15,091,373 14,888,373										
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2010 1,232,000 1,190,000 1,169,000 1,149,000 2011 1,253,000 1,311,000 1,285,000 1,259,000 2012 1,891,000 1,926,000 1,897,000 1,868,000 2013 2,049,000 1,927,000 1,892,000 1,857,000 2014 1,664,000 1,475,000 1,440,000 1,405,000 2015 2,121,000 1,959,000 1,925,000 1,891,000 2016 413,000 427,000 489,373 546,373		2008		1,249,000	1,249,000	1,230,000	1,211,000			
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2014 1,664,000 1,475,000 1,440,000 1,405,000 2015 2,121,000 1,959,000 1,925,000 1,891,000 2016 413,000 427,000 489,373 546,373 Non Private Passenger Total 15,715,000 15,290,000 15,091,373 14,888,373		2012		1,891,000	1,926,000	1,897,000	1,868,000			
2015 2,121,000 1,959,000 1,925,000 1,891,000 2016 413,000 427,000 489,373 546,373 Non Private Passenger Total 15,715,000 15,290,000 15,091,373 14,888,373		2013		2,049,000	1,927,000	1,892,000	1,857,000			
2016 413,000 427,000 489,373 546,373 Non Private Passenger Total 15,715,000 15,290,000 15,091,373 14,888,373		2014		1,664,000	1,475,000	1,440,000	1,405,000			
Non Private Passenger Total 15,715,000 15,290,000 15,091,373 14,888,373		2015		2,121,000	1,959,000	1,925,000	1,891,000			
							546,373			
Grand Total 36,181,000 35,559,000 34,917,019 34,277,019	Non Private Passenger To	tal		15,715,000	15,290,000	15,091,373	14,888,373			
Grand Total 36,181,000 35,559,000 34,917,019 34,277,019										
	Grand Total			36,181,000	35,559,000	34,917,019	34,277,019			



EXHIBIT D

Future Expected Cost Ratios - Member Statements

		Prior Month	Current Month	1st Projected	2nd Projected
Sum of MS Cost Ratio		ShareYYMM			
BusinessSegment Desc	Jurisdiction Desc	201607	201608	201609	201610
Private Passenger	Newfoundland & Labrador	85.3%	86.2%	85.8%	85.5%
	New Brunswick	77.3%	77.7%	77.7%	77.8%
	Nova Scotia	78.4%	83.2%	83.1%	83.1%
	Prince Edward Island	62.3%	65.9%	64.3%	62.8%
	Ontario	66.5%	66.6%	66.8%	67.1%
	Alberta	76.2%	76.1%	76.1%	76.2%
	Yukon	81.8%	84.2%	83.9%	83.5%
	Northwest Territories	60.6%	61.3%	61.2%	61.2%
	Nunavut	42.7%	42.5%	41.4%	41.6%
Non Private Passenger	Newfoundland & Labrador	119.0%	115.1%	113.6%	112.4%
	New Brunswick	64.8%	65.7%	65.5%	65.4%
	Nova Scotia	72.4%	76.8%	76.8%	76.8%
	Prince Edward Island	71.9%	73.4%	72.9%	72.7%
	Ontario	74.1%	71.8%	72.1%	72.6%
	Alberta	70.2%	72.8%	72.4%	71.9%
	Yukon	65.7%	62.7%	63.3%	64.3%
	Northwest Territories	42.9%	46.6%	47.1%	47.0%
	Nunavut	60.8%	58.2%	57.4%	56.2%
Grand Total		74.8%	75.8%	75.7%	75.5%

Future Expected Cost Ratios – Excluding Actuarial Present Value Adjustments

		Prior Month	Current Month	1st Projected	2nd Projected
Sum of Future Cost Ratio		ShareYYMM]		
BusinessSegment Desc	Jurisdiction Desc	- 201607	201608	201609	201610
Private Passenger	Newfoundland & Labrador	80.2%	80.9%	80.6%	80.3%
	New Brunswick	72.4%	72.6%	72.6%	72.7%
	Nova Scotia	73.3%	77.6%	77.6%	77.5%
	Prince Edward Island	58.0%	61.4%	59.9%	58.5%
	Ontario	61.7%	61.9%	62.1%	62.3%
	Alberta	71.0%	70.8%	70.8%	70.9%
	Yukon	76.0%	77.9%	77.5%	77.1%
	Northwest Territories	56.6%	57.2%	57.0%	57.0%
	Nunavut	40.5%	40.6%	39.1%	39.0%
Non Private Passenger	Newfoundland & Labrador	111.1%	107.4%	106.1%	104.9%
	New Brunswick	60.7%	61.5%	61.3%	61.2%
	Nova Scotia	67.6%	71.7%	71.6%	71.6%
	Prince Edward Island	66.8%	68.1%	67.7%	67.7%
	Ontario	68.1%	65.8%	66.1%	66.6%
	Alberta	65.9%	68.3%	67.9%	67.5%
	Yukon	61.3%	58.6%	59.1%	60.1%
	Northwest Territories	40.7%	43.8%	44.2%	44.5%
	Nunavut	56.6%	54.2%	53.5%	52.5%
Grand Total		69.9%	70.6%	70.6%	70.4%



Discount Rate & Margins for Adverse Deviations

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NEWFOUNDLAND AND LABRADOR

		Private	Passenger			Non-Priva	ite Passenger	
		0	r Adverse Develo	pment		0	r Adverse Develo	pment
Accident Year	Third Party Liability	Accident Benefits	Other Coverages	TOTAL	Third Party Liability	Accident Benefits	Other Coverages	TOTAL
1995	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
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%
prem liab	10.0%	10.0%	5.0%	9.0%	10.0%	10.0%	5.0%	9.4%
			discount rate:	0.69%			discount rate:	0.69%
		marg	in (basis points):	25		marg	in (basis points):	25



Discount Rate & Margins for Adverse Deviations

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NEW BRUNSWICK

		Private	Passenger			Non-Priva	ite Passenger	
		0	r Adverse Develo	pment		0	r Adverse Develo	oment
Accident	Third Party	Accident	Other	TOTAL	Third Party	Accident	Other	TOTAL
Year	Liability	Benefits	Coverages		Liability	Benefits	Coverages	
1995	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
1996	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
1997	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
1998	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
1999	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2000	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2001	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2002	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2003	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2004	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2005	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2006	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2007	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2008	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2009	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2010	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2011	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2012	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2013	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2014	12.4%	10.4%	5.0%	12.1%	12.5%	10.1%	5.0%	11.8%
2015	12.5%	10.0%	5.0%	11.6%	12.4%	10.2%	5.0%	11.5%
2016	12.4%	10.1%	5.0%	11.6%	12.2%	10.2%	5.0%	11.2%
prem liab	11.9%	10.0%	5.0%	10.0%	11.6%	10.1%	5.0%	10.3%
			discount rate:	0.69%			discount rate:	0.69%
		marg	in (basis points):	25		marg	in (basis points):	25



Discount Rate & Margins for Adverse Deviations

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NOVA SCOTIA

		Private	Passenger			Non-Priva	ite Passenger	
	Selecte	d Margins fo	r Adverse Develo	pment	Selecte	d Margins fo	r Adverse Develo	pment
Accident	Third Party	Accident	Other	TOTAL	Third Party	Accident	Other	TOTAL
Year	Liability	Benefits	Coverages	TOTAL	Liability	Benefits	Coverages	TOTAL
1995	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
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	12.5%	10.0%	5.0%	12.2%	12.5%	10.1%	5.0%	12.0%
2014	12.5%	10.0%	5.0%	11.9%	12.5%	10.1%	5.0%	11.6%
2015	12.5%	10.1%	5.0%	12.0%	12.5%	10.2%	5.0%	11.8%
2016	12.3%	10.1%	5.0%	11.7%	12.2%	10.2%	5.0%	11.4%
prem liab	11.9%	10.0%	5.0%	10.1%	11.5%	10.1%	5.0%	10.3%
			discount rate:	0.69%			discount rate:	0.69%
		marg	in (basis points):	25		marg	in (basis points):	25



Discount Rate & Margins for Adverse Deviations

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PRINCE EDWARD ISLAND

		Private	Passenger			Non-Priva	ite Passenger	
		0	Adverse Develo	pment	Selected Margins for Adverse Development			
Accident	Third Party	Accident	Other	TOTAL	Third Party	Accident	Other	TOTAL
Year	Liability	Benefits	Coverages		Liability	Benefits	Coverages	
1995	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
1996	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
1997	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
1998	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
1999	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2000	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2001	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2002	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2003	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2004	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2005	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2006	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2007	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2008	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2009	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2010	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2011	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2012	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2013	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2014	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2015	12.5%	10.1%	5.0%	12.2%	12.5%	10.3%	5.0%	11.4%
2016	12.3%	10.2%	5.0%	12.4%	12.2%	10.3%	5.0%	11.3%
prem liab	12.1%	10.0%	5.0%	11.2%	11.7%	10.2%	5.0%	10.7%
			discount rate:	0.69%			discount rate:	0.69%
		margi	n (basis points):	25		marg	in (basis points):	25



Discount Rate & Margins for Adverse Deviations

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ONTARIO

		Private	Passenger			Non-Priva	te Passenger	
		0	r Adverse Develo	pment		d Margins fo	r Adverse Develo	pment
Accident Year	Third Party Liability	Accident Benefits	Other Coverages	TOTAL	Third Party Liability	Accident Benefits	Other Coverages	TOTAL
1995	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%
1996	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%
1997	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%
1998	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%
1999	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%
2000	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%
2001	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%
2002	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%
2003	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%
2004	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%
2005	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%
2006	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%
2007	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%
2008	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%
2009	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%
2010	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%
2011	9.9%	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%
2012	10.0%	10.0%	9.7%	10.0%	10.0%	10.0%	10.0%	10.0%
2013	12.1%	12.5%	5.0%	12.3%	12.4%	12.5%	7.1%	12.4%
2014	12.5%	12.5%	8.3%	12.5%	12.5%	12.5%	12.3%	12.5%
2015	14.7%	15.0%	8.8%	14.8%	14.9%	15.0%	15.0%	15.0%
2016	14.6%	15.0%	6.4%	14.4%	14.4%	15.0%	7.7%	14.5%
prem liab	11.6%	15.0%	5.1%	11.5%	13.7%	15.0%	6.3%	13.8%
			discount rate:	0.69%			discount rate:	0.69%
		marg	in (basis points):	25		marg	in (basis points):	25



Discount Rate & Margins for Adverse Deviations

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ALBERTA

		Private	Passenger			Non-Priva	ite Passenger	
		0	r Adverse Develo	pment		0	r Adverse Develo	pment
Accident	Third Party	Accident	Other	TOTAL	Third Party	Accident	Other	TOTAL
Year	Liability	Benefits	Coverages		Liability	Benefits	Coverages	
1995	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
1996	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
1997	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
1998	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
1999	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2000	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2001	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2002	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2003	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2004	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2005	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2006	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2007	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2008	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2009	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2010	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2011	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2012	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2013	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2014	12.5%	10.6%	5.0%	12.4%	12.5%	11.1%	5.0%	12.5%
2015	12.5%	10.5%	5.0%	12.4%	12.4%	10.8%	5.0%	12.4%
2016	12.2%	10.3%	5.0%	12.0%	11.8%	10.5%	5.0%	10.8%
prem liab	12.0%	10.1%	5.0%	10.5%	11.7%	10.2%	5.0%	9.0%
			discount rate:	0.69%			discount rate:	0.69%
		marg	in (basis points):	25		marg	in (basis points):	25



Discount Rate & Margins for Adverse Deviations

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YUKON

		Private	Passenger			Non-Priva	ite Passenger	
		0	r Adverse Develo	pment		0	r Adverse Develo	pment
Accident Year	Third Party Liability	Accident Benefits	Other Coverages	TOTAL	Third Party Liability	Accident Benefits	Other Coverages	TOTAL
1995	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
1996	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
1997	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
1998	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
1999	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2000	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2001	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2002	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2003	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2004	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2005	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2006	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2007	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2008	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2009	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2010	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2011	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2012	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2013	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2014	12.5%	11.1%	5.0%	12.5%	12.4%	11.8%	5.0%	12.4%
2015	12.5%	10.8%	5.0%	12.4%	12.4%	12.4%	5.0%	12.4%
2016	12.3%	10.6%	5.0%	12.3%	11.5%	11.2%	5.0%	11.0%
prem liab	12.2%	10.5%	5.0%	11.3%	11.1%	10.6%	5.0%	10.0%
			discount rate:	0.69%			discount rate:	0.69%
		marg	in (basis points):	25		marg	in (basis points):	25



Discount Rate & Margins for Adverse Deviations

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NORTHWEST TERRITORIES

		Private	Passenger			Non-Priva	ite Passenger	
		0	r Adverse Develo	pment		0	r Adverse Develo	pment
Accident Year	Third Party Liability	Accident Benefits	Other Coverages	TOTAL	Third Party Liability	Accident Benefits	Other Coverages	TOTAL
1995	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
1995	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
1990	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%						
2000	10.0% 10.0%	10.0%	<u>5.0%</u> 5.0%	<u> 10.0%</u> 10.0%	10.0% 10.0%	<u>10.0%</u> 10.0%	<u>5.0%</u> 5.0%	10.0% 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%
2003	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2004	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2005	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2006	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2007	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2008	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2009	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2010	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2011	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2012	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2013	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2014	12.5%	11.7%	5.0%	12.5%	12.5%	11.1%	5.0%	12.3%
2015	12.5%	11.4%	5.0%	12.4%	12.3%	11.2%	5.0%	11.0%
2016	12.1%	11.2%	5.0%	11.9%	12.1%	11.2%	5.0%	11.2%
prem liab	12.2%	10.3%	5.0%	10.8%	11.9%	10.9%	5.0%	9.1%
			discount rate:	0.69%			discount rate:	0.69%
		marg	in (basis points):	25		marg	in (basis points):	25



Discount Rate & Margins for Adverse Deviations

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NUNAVUT

		Private	Passenger			Non-Priva	te Passenger	
	Selecte	d Margins fo	r Adverse Develo	pment	Selecte	d Margins fo	r Adverse Develoj	oment
Accident	Third Party	Accident	Other	TOTAL	Third Party	Accident	Other	TOTAL
Year	Liability	Benefits	Coverages	TOTAL	Liability	Benefits	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	9.9%	10.0%	5.0%	9.9%	10.0%	10.0%	5.0%	10.0%
2008	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2009	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2010	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2011	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2012	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2013	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2014	12.5%	11.6%	5.0%	12.4%	10.1%	10.9%	5.0%	10.2%
2015	12.3%	11.6%	5.0%	10.8%	12.4%	11.2%	5.0%	11.3%
2016	12.2%	11.4%	5.0%	12.0%	12.2%	10.9%	5.0%	11.8%
prem liab	11.9%	11.3%	5.0%	10.2%	12.3%	10.8%	5.0%	10.3%
			discount rate:	0.69%			discount rate:	0.69%
		marg	in (basis points):	25		margi	in (basis points):	25



Interest Rate Sensitivity (\$000s)

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As projected from the latest valuation to December 31, 2016.

NEWFOUNDLAND AND LABRADOR

			}			- Dec. 31, 2016		
AY	0.19%	0.69%	1.19%	1.69%	2.19%	2.69%	0.75%	0.87%
2002 & prior	-	-	-	-	-	-	-	-
2003	-	-	-	-	-	-	-	-
2004	763	725	690	656	624	594	721	71
2005	-	-	-	-	-	-	-	-
2006		-				-	-	-
2007	1,325	1,286	1,250	1,215	1,182	1,151	1,282	1,27
2008	146	145	144	143	142	142	145	14
2009	650	643	637	631	625	620	643	64
2010	430	426	422	419	416	412	426	42
2011	2,719	2,694	2,669	2,645	2,621	2,599	2,691	2,68
2012	4,956	4,910	4,865	4,822	4,780	4,738	4,905	4,89
2013	5,515	5,462	5,410	5,358	5,308	5,260	5,456	5,44
2014	10,571	10,465	10,363	10,262	10,163	10,067	10,452	10,42
2015	13,980	13,827	13,678	13,533	13,390	13,253	13,809	13,77
2016	16,926	16,712	16,506	16,304	16,106	15,917	16,687	16,63
Total	57,981	57,295	56,634	55,988	55,357	54,753	57,217	57,05
	curr - 50 bp	curr val	curr + 50bp	curr + 100bp	curr + 150bp	curr + 200bp	prior val	prior fyr en
		assumption					assumption	assumptior
nounts in								
			1		o Valuation As			
AY	0.19%	0.69%	1.19%	1.69%	2.19%	2.69%	0.75%	0.87%
Total	686	-	(661)	(1,307)	(1,938)	(2,542)	(78)	(242
	curr - 50 bp	curr val	curr + 50bp	curr + 100bp	curr + 150bp	curr + 200bp	prior val	prior fyr en
		assumption					assumption	assumption
mounts in								
			Percentage	Impact Relativ	e to Valuation	Assumption		
AY	0.19%	0.69%	1.19%	1.69%	2.19%	2.69%	0.75%	0.87%
2002 & prior	-	-	-	-	-	-	-	-
2003	-	-	-	-	-	-	-	-
2004	5.2%	-	(4.8%)	(9.5%)	(13.9%)	(18.1%)	(0.6%)	(1.8%
2005		-	-	-		-	-	
2006	-	-	-	-	-	-	-	-
2007	3.0%	-	(2.8%)	(5.5%)	(8.1%)	(10.5%)	(0.3%)	(1.0%
2008	0.7%	-	(0.7%)	(1.4%)	(2.1%)	(2.1%)	-	`_
2009	1.1%		(0.9%)	(1.9%)	(2.8%)	(3.6%)		(0.3%
2010	0.9%	-	(0.9%)	(1.6%)	(2.3%)	(3.3%)	-	(0.29
2010	0.9%	-	(0.9%)	(1.8%)	(2.7%)	(3.5%)	(0.1%)	
2012	0.9%	-	(0.9%)	(1.8%)	(2.6%)	(3.5%)	(0.1%)	
2013	1.0%	-	(1.0%)	(1.9%)	(2.8%)	(3.7%)	(0.1%)	(0.49
	1.0%	-	(1.0%)	(1.9%)	(2.9%)	(3.8%)	(0.1%)	(0.4%
2014		-	(1.1%)	(2.1%)	(3.2%)	(4.2%)		
2014 2015	1.1%		((=====)()	(===/0)	(=/0/	(/-)	
2015	1.1% 1.3%	-	(1.2%)	(2.4%)	(3.6%)	(4.8%)	(0.1%)	(0.49
	1.1% 1.3% 1.2%	-	(1.2%)	(2.4%)	(3.6%)	(4.8%) (4.4%)	(0.1%) (0.1%)	(0.49



Interest Rate Sensitivity (\$000s)

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As projected from the latest valuation to December 31, 2016.

NEW BRUNSWICK

	Act	uarial Present \	/alue of Provisi	ons at Various	Discount Rates	- Dec. 31, 2016	projected Unp	aid
AY	0.19%	0.69%	1.19%	1.69%	2.19%	2.69%	0.75%	0.879
2002 & prior	-	-	-	-	-	-	-	-
2003	213	212	211	210	209	208	212	21
2004	-	-	-	-	-	-	-	-
2005	214	207	201	194	188	182	207	20
2006	222	217	212	207	203	199	216	21
2007	61	59	57	56	54	52	59	5
2008	335	329	322	317	312	307	328	32
2009	500	492	483	476	470	462	490	48
2010	498	493	487	482	477	471	492	49
2011	1,913	1,894	1,875	1,858	1,841	1,824	1,891	1,88
2012	2,338	2,317	2,297	2,276	2,258	2,239	2,315	2,31
2013	5,398	5,345	5,293	5,243	5,194	5,147	5,339	5,32
2014	5,416	5,356	5,298	5,241	5,185	5,131	5,348	5,33
2015	6,884	6,792	6,702	6,615	6,529	6,446	6,782	6,76
2016	8,276	8,151	8,029	7,911	7,795	7,685	8,136	8,10
Total	32,268	31,864	31,467	31,086	30,715	30,353	31,815	31,72
	curr - 50 bp	curr val	curr + 50bp	curr + 100bp	curr + 150bp	curr + 200bp	prior val	prior fyr en
		assumption				-	assumption	assumption
nounts in							· · ·	
			Dollar Im	pact Relative t	o Valuation As	sumption		
AY	0.19%	0.69%	1.19%	1.69%	2.19%	2.69%	0.75%	0.879
Total	404	-	(397)	(778)	(1,149)	(1,511)	(49)	(14)
	curr - 50 bp	curr val	curr + 50bp	curr + 100bp	curr + 150bp	curr + 200bp	prior val	prior fyr en
	·	assumption	·	·			assumption	
nounts in	1					:		
			Percentage	Impact Relativ	e to Valuation	Assumption		
ΑΥ	0.19%	0.69%	1.19%	1.69%	2.19%	2.69%	0.75%	0.879
2002 & prior			-		-			
2002 @ prior	0.5%		(0.5%)	(0.9%)	(1.4%)	(1.9%)		
	0.576	_	(0.5%)	(0.378)	(1.470)	(1.576)	_	_
2004		·	(2.0%)	(6.2%)	- (0.2%)	(12,10/)		(1.09
2005	3.4%	-	(2.9%)	(6.3%)	(9.2%)	(12.1%)	-	(1.0%
2006	2.3%	-	(2.3%)	(4.6%)	(6.5%)	(8.3%)	(0.5%)	
			(2,40())	(= 40()				(1.79
2007	3.4%	-	(3.4%)	(5.1%)	(8.5%)	(11.9%)	-	
2008	1.8%	- -	(2.1%)	(3.6%)	(5.2%)	(6.7%)	(0.3%)	(0.69
2008 2009	1.8% 1.6%	- - -	(2.1%) (1.8%)	(3.6%)	(5.2%) (4.5%)	(6.7%) (6.1%)	(0.4%)	(0.69 (0.69
2008 2009 2010	1.8% 1.6% 1.0%	- - - -	(2.1%) (1.8%) (1.2%)	(3.6%) (3.3%) (2.2%)	(5.2%) (4.5%) (3.2%)	(6.7%) (6.1%) (4.5%)	(0.4%) (0.2%)	(0.69 (0.69 (0.49
2008 2009 2010 2011	1.8% 1.6% 1.0% 1.0%	- - - - -	(2.1%) (1.8%) (1.2%) (1.0%)	(3.6%) (3.3%) (2.2%) (1.9%)	(5.2%) (4.5%) (3.2%) (2.8%)	(6.7%) (6.1%) (4.5%) (3.7%)	(0.4%) (0.2%) (0.2%)	(0.69 (0.69 (0.49 (0.49
2008 2009 2010 2011 2012	1.8% 1.6% 1.0% 1.0% 0.9%	- - - - - - -	(2.1%) (1.8%) (1.2%) (1.0%) (0.9%)	(3.6%) (3.3%) (2.2%) (1.9%) (1.8%)	(5.2%) (4.5%) (3.2%) (2.8%) (2.5%)	(6.7%) (6.1%) (4.5%)	(0.4%) (0.2%) (0.2%) (0.1%)	(0.65 (0.65 (0.45 (0.45 (0.45)
2008 2009 2010 2011 2012 2013	1.8% 1.6% 1.0% 1.0% 0.9% 1.0%	- - - - - - - -	(2.1%) (1.8%) (1.2%) (1.0%) (0.9%) (1.0%)	(3.6%) (3.3%) (2.2%) (1.9%) (1.8%) (1.9%)	(5.2%) (4.5%) (3.2%) (2.8%) (2.5%) (2.8%)	(6.7%) (6.1%) (4.5%) (3.7%) (3.4%) (3.7%)	(0.4%) (0.2%) (0.2%) (0.1%) (0.1%)	(0.69 (0.69 (0.49 (0.49 (0.39 (0.39
2008 2009 2010 2011 2012 2013 2014	1.8% 1.6% 1.0% 0.9% 1.0% 1.1%	- - - - - - - - - - - - - - - - - -	(2.1%) (1.8%) (1.2%) (1.0%) (0.9%)	(3.6%) (3.3%) (2.2%) (1.9%) (1.8%)	(5.2%) (4.5%) (3.2%) (2.8%) (2.5%)	(6.7%) (6.1%) (4.5%) (3.7%) (3.4%)	(0.4%) (0.2%) (0.2%) (0.1%)	(0.69 (0.69 (0.49 (0.49 (0.39 (0.39
2008 2009 2010 2011 2012 2013 2014 2015	1.8% 1.6% 1.0% 0.9% 1.0% 1.0% 1.0% 1.4%	- - - - - - - - - - - - - -	(2.1%) (1.8%) (1.2%) (1.0%) (0.9%) (1.0%)	(3.6%) (3.3%) (2.2%) (1.9%) (1.8%) (1.9%)	(5.2%) (4.5%) (3.2%) (2.8%) (2.5%) (2.8%)	(6.7%) (6.1%) (4.5%) (3.7%) (3.4%) (3.7%)	(0.4%) (0.2%) (0.2%) (0.1%) (0.1%)	(0.69 (0.69 (0.44 (0.44 (0.33 (0.33 (0.34 (0.44)
2008 2009 2010 2011 2012 2013 2014 2015 2016	1.8% 1.6% 1.0% 0.9% 1.0% 1.1% 1.4% 1.5%	- - - - - - - - - - - - - - - - - - -	(2.1%) (1.8%) (1.2%) (1.0%) (0.9%) (1.0%) (1.1%) (1.3%) (1.5%)	(3.6%) (3.3%) (2.2%) (1.9%) (1.8%) (1.9%) (2.1%) (2.6%) (2.9%)	(5.2%) (4.5%) (3.2%) (2.8%) (2.5%) (2.8%) (3.2%) (3.9%) (4.4%)	(6.7%) (6.1%) (4.5%) (3.7%) (3.4%) (3.7%) (4.2%) (5.1%) (5.7%)	(0.4%) (0.2%) (0.2%) (0.1%) (0.1%) (0.1%) (0.1%) (0.1%) (0.2%)	(0.65 (0.43 (0.44) (0.44) (0.33 (0.33 (0.44) (0.55 (0.55) (0.65)
2008 2009 2010 2011 2012 2013 2014 2015	1.8% 1.6% 1.0% 0.9% 1.0% 1.0% 1.0% 1.4%	- - - - - - - - - - - - - - - - - - -	(2.1%) (1.8%) (1.2%) (1.0%) (0.9%) (1.0%) (1.1%) (1.3%)	(3.6%) (3.3%) (2.2%) (1.9%) (1.8%) (1.9%) (2.1%) (2.6%) (2.9%) (2.4%)	(5.2%) (4.5%) (3.2%) (2.8%) (2.5%) (2.8%) (3.2%) (3.9%)	(6.7%) (6.1%) (4.5%) (3.7%) (3.4%) (3.7%) (4.2%) (5.1%)	(0.4%) (0.2%) (0.2%) (0.1%) (0.1%) (0.1%) (0.1%) (0.1%) (0.2%)	(0.69 (0.69 (0.49 (0.49 (0.39 (0.39 (0.39 (0.49 (0.59



Interest Rate Sensitivity (\$000s)

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As projected from the latest valuation to December 31, 2016.

NOVA SCOTIA

	Act	uarial Present \	/alue of Provisi	ons at Various	Discount Rates	- Dec. 31, 2016	projected Unp	aid
AY	0.19%	0.69%	1.19%	1.69%	2.19%	2.69%	0.75%	0.879
2002 & prior	-	-	-	-	-	-	-	-
2003	-	-	-	-	-	-	-	-
2004	520	504	489	474	459	446	502	49
2005	477	461	446	432	419	406	459	45
2006	1,170	1,133	1,099	1,066	1,035	1,006	1,129	1,12
2007	375	363	353	343	333	324	362	36
2008	510	496	484	472	461	451	495	49
2009	860	849	839	828	819	810	848	84
2010	1,059	1,041	1,026	1,010	995	981	1,040	1,03
2011	1,425	1,392	1,361	1,331	1,304	1,277	1,388	1,38
2012	2,235	2,204	2,173	2,143	2,115	2,088	2,200	2,19
2013	3,230	3,182	3,136	3,093	3,050	3,010	3,175	3,16
2014	4,263	4,199	4,137	4,077	4,020	3,965	4,191	4,17
2015	5,208	5,125	5,048	4,972	4,899	4,829	5,116	5,09
2016	7,426	7,310	7,198	7,090	6,985	6,886	7,295	7,26
Total	28,758	28,259	27,789	27,331	26,894	26,479	28,200	28,08
	curr - 50 bp	curr val	curr + 50bp	curr + 100bp	curr + 150bp	curr + 200bp	prior val	prior fyr en
		assumption					assumption	assumption
mounts in								
			Dollar Im	pact Relative t	o Valuation As	sumption		
AY	0.19%	0.69%	1.19%	1.69%	2.19%	2.69%	0.75%	0.879
Total	499	-	(470)	(928)	(1,365)	(1,780)	(59)	(17
	curr - 50 bp	curr val	curr + 50bp	curr + 100bp	curr + 150bp	curr + 200bp	prior val	prior fyr en
		assumption					assumption	assumption
mounts in								
			Percentage	Impact Relativ	e to Valuation	Assumption		
AY	0.19%	0.69%	1.19%	1.69%	2.19%	2.69%	0.75%	0.879
2002 & prior	-	-	-	-	-	-	-	-
2003	-							-
2004	}	-	-	-	-	-	-	
2004	3.2%	-	(3.0%)	- (6.0%)	(8.9%)	(11.5%)	- (0.4%)	(1.29
2004 2005	<u>3.2%</u> 3.5%		- (3.0%) (3.3%)	- (6.0%) (6.3%)	- (8.9%) (9.1%)	- (11.5%) (11.9%)	(0.4%) (0.4%)	
2005				(6.3%)	(9.1%)			(1.19
2005 2006	3.5%	- - - - - -	(3.3%)	(6.3%) (5.9%)		(11.9%)	(0.4%) (0.4%)	(1.19 (1.19
2005 2006 2007	3.5% 3.3% 3.3%		(3.3%) (3.0%) (2.8%)	(6.3%) (5.9%) (5.5%)	(9.1%) (8.6%) (8.3%)	(11.9%) (11.2%) (10.7%)	(0.4%) (0.4%) (0.3%)	(1.19 (1.19 (0.89
2005 2006 2007 2008	3.5% 3.3% 3.3% 2.8%	- - - - - - - - -	(3.3%) (3.0%) (2.8%) (2.4%)	(6.3%) (5.9%) (5.5%) (4.8%)	(9.1%) (8.6%) (8.3%) (7.1%)	(11.9%) (11.2%) (10.7%) (9.1%)	(0.4%) (0.4%) (0.3%) (0.2%)	(1.19 (1.19 (0.89 (0.89
2005 2006 2007 2008 2009	3.5% 3.3% 3.3% 2.8% 1.3%		(3.3%) (3.0%) (2.8%) (2.4%) (1.2%)	(6.3%) (5.9%) (5.5%) (4.8%) (2.5%)	(9.1%) (8.6%) (8.3%) (7.1%) (3.5%)	(11.9%) (11.2%) (10.7%) (9.1%) (4.6%)	(0.4%) (0.4%) (0.3%) (0.2%) (0.1%)	(1.19 (1.19 (0.89 (0.89 (0.59
2005 2006 2007 2008 2009 2010	3.5% 3.3% 3.3% 2.8% 1.3% 1.7%	- - - - - - - - - - - - - - - - - - -	(3.3%) (3.0%) (2.8%) (2.4%) (1.2%) (1.4%)	(6.3%) (5.9%) (5.5%) (4.8%) (2.5%) (3.0%)	(9.1%) (8.6%) (8.3%) (7.1%) (3.5%) (4.4%)	(11.9%) (11.2%) (10.7%) (9.1%) (4.6%) (5.8%)	(0.4%) (0.4%) (0.3%) (0.2%) (0.1%) (0.1%)	(1.15 (1.15 (0.85 (0.85 (0.55) (0.55
2005 2006 2007 2008 2009 2010 2011	3.5% 3.3% 3.3% 2.8% 1.3% 1.7% 2.4%	- - - - - - - - - - - - - - - - - - -	(3.3%) (3.0%) (2.8%) (2.4%) (1.2%) (1.4%) (2.2%)	(6.3%) (5.9%) (5.5%) (4.8%) (2.5%) (3.0%) (4.4%)	(9.1%) (8.6%) (8.3%) (7.1%) (3.5%) (4.4%) (6.3%)	(11.9%) (11.2%) (10.7%) (9.1%) (4.6%) (5.8%) (8.3%)	(0.4%) (0.4%) (0.3%) (0.2%) (0.1%) (0.1%) (0.3%)	(1.15 (1.15 (0.85 (0.85 (0.55 (0.55) (0.95)
2005 2006 2007 2008 2009 2010 2011 2011 2012	3.5% 3.3% 3.3% 2.8% 1.3% 1.7% 2.4% 1.4%		(3.3%) (3.0%) (2.8%) (2.4%) (1.2%) (1.4%) (2.2%) (1.4%)	(6.3%) (5.9%) (5.5%) (4.8%) (2.5%) (3.0%) (4.4%) (2.8%)	(9.1%) (8.6%) (8.3%) (7.1%) (3.5%) (4.4%) (6.3%) (4.0%)	(11.9%) (11.2%) (10.7%) (9.1%) (4.6%) (5.8%) (8.3%) (5.3%)	(0.4%) (0.4%) (0.3%) (0.2%) (0.1%) (0.1%) (0.3%) (0.2%)	(1.11 (1.11 (0.8) (0.8) (0.55 (0.55 (0.55 (0.9) (0.55
2005 2006 2007 2008 2009 2010 2011 2011 2012 2013	3.5% 3.3% 3.3% 2.8% 1.3% 1.7% 2.4% 1.4% 1.5%		(3.3%) (3.0%) (2.8%) (2.4%) (1.2%) (1.4%) (2.2%) (1.4%) (1.4%)	(6.3%) (5.9%) (5.5%) (4.8%) (2.5%) (3.0%) (4.4%) (2.8%) (2.8%)	(9.1%) (8.6%) (8.3%) (7.1%) (3.5%) (4.4%) (6.3%) (4.0%) (4.1%)	(11.9%) (11.2%) (10.7%) (9.1%) (4.6%) (5.8%) (8.3%) (5.3%) (5.4%)	(0.4%) (0.4%) (0.3%) (0.2%) (0.1%) (0.1%) (0.3%) (0.2%) (0.2%)	(1.1' (1.1' (0.8' (0.5' (0.5' (0.5' (0.9' (0.5' (0.5')
2005 2006 2007 2008 2009 2010 2011 2011 2012 2013 2014	3.5% 3.3% 3.3% 2.8% 1.3% 1.7% 2.4% 1.4% 1.5% 1.5%		(3.3%) (3.0%) (2.8%) (2.4%) (1.2%) (1.4%) (2.2%) (1.4%) (1.4%) (1.4%) (1.5%)	(6.3%) (5.9%) (5.5%) (4.8%) (2.5%) (3.0%) (4.4%) (2.8%) (2.8%) (2.8%) (2.9%)	(9.1%) (8.6%) (8.3%) (7.1%) (3.5%) (4.4%) (6.3%) (4.0%) (4.1%) (4.3%)	(11.9%) (11.2%) (10.7%) (9.1%) (4.6%) (5.8%) (8.3%) (5.3%) (5.4%) (5.6%)	(0.4%) (0.4%) (0.3%) (0.2%) (0.1%) (0.1%) (0.3%) (0.2%) (0.2%) (0.2%)	(1.1' (0.8' (0.5' (0.5' (0.5' (0.9' (0.5' (0.5' (0.5' (0.5')
2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015	3.5% 3.3% 2.8% 1.3% 1.7% 2.4% 1.4% 1.5% 1.5% 1.6%		(3.3%) (3.0%) (2.8%) (2.4%) (1.2%) (1.4%) (2.2%) (1.4%) (1.4%) (1.4%) (1.5%)	(6.3%) (5.9%) (5.5%) (4.8%) (2.5%) (3.0%) (4.4%) (2.8%) (2.8%) (2.8%) (2.9%) (3.0%)	(9.1%) (8.6%) (8.3%) (7.1%) (3.5%) (4.4%) (6.3%) (4.0%) (4.1%) (4.3%) (4.4%)	(11.9%) (11.2%) (10.7%) (9.1%) (4.6%) (5.8%) (8.3%) (5.3%) (5.4%) (5.6%) (5.8%)	(0.4%) (0.3%) (0.2%) (0.1%) (0.1%) (0.3%) (0.2%) (0.2%) (0.2%) (0.2%)	(1.1' (0.8' (0.5' (0.5' (0.5' (0.5' (0.5' (0.5' (0.5' (0.5')
2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016	3.5% 3.3% 3.3% 2.8% 1.3% 1.7% 2.4% 1.4% 1.5% 1.5%		(3.3%) (3.0%) (2.8%) (2.4%) (1.2%) (1.4%) (2.2%) (1.4%) (1.4%) (1.4%) (1.5%)	(6.3%) (5.9%) (5.5%) (4.8%) (2.5%) (3.0%) (4.4%) (2.8%) (2.8%) (2.8%) (2.9%)	(9.1%) (8.6%) (8.3%) (7.1%) (3.5%) (4.4%) (6.3%) (4.0%) (4.1%) (4.3%)	(11.9%) (11.2%) (10.7%) (9.1%) (4.6%) (5.8%) (8.3%) (5.3%) (5.4%) (5.6%)	(0.4%) (0.4%) (0.3%) (0.2%) (0.1%) (0.1%) (0.3%) (0.2%) (0.2%) (0.2%) (0.2%) (0.2%)	(1.1' (0.8' (0.5' (0.5' (0.5' (0.5' (0.5' (0.5' (0.5' (0.5')
2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015	3.5% 3.3% 2.8% 1.3% 1.7% 2.4% 1.4% 1.5% 1.5% 1.6% 1.6%	- - - - - - - - - - - - - - - - - - -	(3.3%) (3.0%) (2.8%) (2.4%) (1.2%) (1.4%) (2.2%) (1.4%) (1.4%) (1.4%) (1.5%) (1.5%)	(6.3%) (5.9%) (5.5%) (4.8%) (2.5%) (3.0%) (4.4%) (2.8%) (2.8%) (2.8%) (2.9%) (3.0%) (3.0%) (3.3%)	$\begin{array}{c}(9.1\%)\\(8.6\%)\\(8.3\%)\\(7.1\%)\\(3.5\%)\\(4.4\%)\\(6.3\%)\\(4.0\%)\\(4.1\%)\\(4.3\%)\\(4.4\%)\\(4.4\%)\\(4.4\%)\\(4.4\%)\end{array}$	(11.9%) (11.2%) (10.7%) (9.1%) (4.6%) (5.8%) (8.3%) (5.3%) (5.4%) (5.6%) (5.8%) (5.8%) (5.8%) (6.3%)	(0.4%) (0.4%) (0.3%) (0.2%) (0.1%) (0.1%) (0.3%) (0.2%) (0.2%) (0.2%) (0.2%) (0.2%)	(1.11 (0.8 (0.8 (0.5 (0.5 (0.5 (0.5 (0.5 (0.5 (0.5 (0.5



Interest Rate Sensitivity (\$000s)

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As projected from the latest valuation to December 31, 2016.

PRINCE EDWARD ISLAND

	Act	uarial Present	/alue of Provisi	ons at Various	Discount Rates	- Dec. 31, 2016	projected Unp	aid
AY	0.19%	0.69%	1.19%	1.69%	2.19%	2.69%	0.75%	0.87%
2002 & prior	-	-	-	-	-	-	-	-
2003	-	-	-	-	-	-	-	-
2004	-	-	-	-	-	-	-	-
2005	-	-	-	-	-	-	-	-
2006		-				-	-	-
2007	-	-	-	-	-	-	-	-
2008	<u>(1)</u>	(1)	(1)	(1)	(1)	(1)	(1)	(
2009	-	-	-	-	-	-	-	-
2010	274	272	269	266	264	262	271	27
2011	772	762	752	743	735	726	761	75
2012	908	892	875	861	847	833	889	88
2013	244	241	237	234	231	228	240	24
2014	749	738	729	718	709	700	736	734
2015	1,545	1,524	1,505	1,486	1,468	1,450	1,522	1,51
2016	2,022	1,995	1,967	1,942	1,917	1,893	1,991	1,984
Total	6,513	6,423	6,333	6,249	6,170	6,091	6,409	6,38
	curr - 50 bp	curr val	curr + 50bp	curr + 100bp	curr + 150bp	curr + 200bp	prior val	prior fyr en
		assumption					assumption	assumptior
mounts in								
					o Valuation As			
AY	0.19%	0.69%	1.19%	1.69%	2.19%	2.69%	0.75%	0.87%
Total	90	-	(90)	(174)	(253)	(332)	(14)	(3:
	curr - 50 bp	curr val	curr + 50bp	curr + 100bp	curr + 150bp	curr + 200bp	prior val	prior fyr end
		assumption					assumption	assumptior
mounts in								
			Percentage	Impact Relativ	e to Valuation	Assumption		
AY	0.19%	0.69%	1.19%	1.69%	2.19%	2.69%	0.75%	0.87%
2002 & prior	-	-	-	-	-	-	-	-
2003	-	-	-	-	-	-	-	-
2004	-	-	-	-	-	-	-	-
2005		-				-		-
2006	-	-	-	-	-	-	-	-
2007						-		
2008	-	-	-	-	-	-	-	-
2009						-		
2009	0.7%	-	(1.1%)	(2.2%)	(2.9%)	(3.7%)	(0.4%)	(0.4%
2010	1.3%		(1.3%)	(2.5%)			(0.1%)	
2011	1.8%		(1.9%)	(3.5%)	(5.0%)			
	1.8%	··	(1.3%)	(3.3%)	(4.1%)		(0.3%)	
	1.2%	-	(1.7%)	(2.5%)	(4.1%)	(5.4%)	(0.4%)	(0.47)
2013 2014	1.570		(1.2%)	(2.7%)	(3.7%)		(0.3%)	
2014	1 /10/	-		(2.J/0)	(3.770)	(4.5/0)	(0.1/0)	(0.5)
<u>2014</u> 2015	1.4%	-			12 00/1	(5 10/)	(0 20%)	10 60
2014 2015 2016	1.4%	-	(1.4%)	(2.7%)	(3.9%)	(5.1%)	(0.2%)	
<u>2014</u> 2015	}			(2.7%) (2.7%)	(3.9%) (3.9%) curr + 150bp	(5.1%) (5.2%) curr + 200bp		



Interest Rate Sensitivity (\$000s)

As projected from the latest valuation to December 31, 2016.

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ONTARIO

mounts in \$000s	Act	uarial Procont V	Jalue of Brovici	ons at Various	Discount Pater	- Dec. 31, 2016	projected Upp	bid
AY	0.19%	0.69%	1.19%	1.69%	2.19%	2.69%	0.75%	0.87%
2002 & prior	5,406	5,355	5,306	5,257	5,210	5,164	5,350	5,33
2003	3,369	3,276	3,188	3,103	3,021	2,943	3,265	3,24
2004	3,837	3,721	3,609	3,503	3,401	3,304	3,707	3,68
2005	2,778	2,685	2,597	2,512	2,432	2,357	2,674	2,65
2006	3,290	3,188	3,090	2,997	2,908	2,824	3,175	3,15
2007	6,913	6,679	6,459	6,250	6,051	5,864	6,653	6,59
2008	1,248	1,214	1,182	1,152	1,123	1,095	1,210	1,20
2009	3,509	3,433	3,359	3,290	3,224	3,162	3,424	3,40
2010	3,659	3,581	3,507	3,437	3,369	3,307	3,573	3,55
2011	6,013	5,902	5,798	5,698	5,602	5,512	5,890	5 <i>,</i> 86
2012	10,274	10,114	9,963	9,818	9,679	9,548	10,096	10,05
2013	14,540	14,372	14,212	14,057	13,909	13,766	14,353	14,314
2014	14,334	14,170	14,012	13,858	13,709	13,567	14,151	14,11
2015	17,476	17,234	17,003	16,777	16,557	16,347	17,205	17,14
2016	16,985	16,713	16,450	16,195	15,947	15,710	16,681	16,61
Total	113,631	111,637	109,735	107,904	106,142	104,470	111,407	110,94
	curr - 50 bp	curr val	curr + 50bp	curr + 100bp	curr + 150bp	curr + 200bp	prior val	prior fyr en
		assumption					assumption	assumptior
mounts in		-	-					
			Dollar Im	pact Relative	o Valuation As	sumption		
AY	0.19%	0.69%	1.19%	1.69%	2.19%	2.69%	0.75%	0.87%
Total	1,994	-	(1,902)	(3,733)	(5,495)	(7,167)	(230)	(69)
	curr - 50 bp	curr val	curr + 50bp	curr + 100bp	curr + 150bp	curr + 200bp	prior val	prior fyr en
	-	assumption	-		·		assumption	assumption
Amounts in	\$, .	1					
			Percentage	Impact Relativ	e to Valuation	Assumption		
AY	0.19%	0.69%	1.19%	1.69%	2.19%	2.69%	0.75%	0.87%
2002 & prior	1.0%	-	(0.9%)	(1.8%)	(2.7%)	(3.6%)	(0.1%)	(0.3%
2003	2.8%	-	(2.7%)	(5.3%)	(7.8%)	(10.2%)	(0.1%)	
	3.1%	_	(3.0%)	(5.9%)	(8.6%)	(11.2%)	(0.3%)	
<u>2004</u> 2005	3.5%		(3.3%)	(6.4%)				
	3.2%	_						
2006			(3.1%)	(6.0%)				
2007	3.5%	-	(3.3%)	(6.4%)				
2008	2.8%		(2.6%)	(5.1%)			(0.3%)	
2009	2.2%	-	(2.2%)	(4.2%)			(0.3%)	
2010	2.2%		(2.1%)	(4.0%)	(5.9%)			
2011	1.9%	-	(1.8%)	(3.5%)			(0.2%)	
2012	1.6%		(1.5%)	(2.9%)	(4.3%)			
2013	1.2%	-	(1.1%)	(2.2%)			(0.1%)	
2014	1.2%		(1.1%)	(2.2%)	(3.3%)		(0.1%)	
2015	1.4%	-	(1.3%)	(2.7%)			(0.2%)	
2016	1.6%	-	(1.6%)	(3.1%)	(4.6%)	(6.0%)	. ,	,
	· · · · · · · · · · · · · · · · · · ·							
Total	1.8%	-	(1.7%)	(3.3%)	(4.9%)	(6.4%)	· · · ·	(- · · ·
	1.8% curr - 50 bp	- curr val	(<mark>1.7%)</mark> curr + 50bp	, ,	()	(6.4%) curr + 200bp	(0.2%) prior val	0.69) prior fyr end



Interest Rate Sensitivity (\$000s)

As projected from the latest valuation to December 31, 2016.

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ALBERTA

	0.19% 44 80 225 464 263 659 1,172 252 2,807 6,712 6,435 9,994 14,248 20,092 23,457 86,904 urr - 50 bp	0.69% 43 78 218 448 254 642 1,150 249 2,777 6,637 6,363 9,868 14,045 19,773 23,125 85,670 curr val	1.19% 43 76 211 433 246 628 1,129 247 2,748 6,567 6,294 9,745 13,850 19,465 22,807	1.69% 43 73 206 420 238 613 1,110 244 2,720 6,498 6,228 9,626 13,661 19,165	2.19% 42 71 199 407 231 600 1,091 242 2,693 6,432 6,63 9,511 13,474	2.69% 42 69 194 395 224 587 1,074 239 2,667 6,368 6,100 9,399 13,298	0.75% 43 78 217 446 253 641 1,147 249 2,773 6,629 6,355 9,852 9,852	0.879 4 7 211 44 25 63 1,14 24 2,76 6,61 6,33 9,82
2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 Total Cu	80 225 464 263 659 1,172 252 2,807 6,712 6,435 9,994 14,248 20,092 23,457 86,904	78 218 448 254 642 1,150 249 2,777 6,637 6,363 9,868 14,045 19,773 23,125 85,670	76 211 433 246 628 1,129 247 2,748 6,567 6,294 9,745 13,850 19,465 22,807	73 206 420 238 613 1,110 244 2,720 6,498 6,228 9,626 13,661 19,165	71 199 407 231 600 1,091 242 2,693 6,432 6,432 6,163 9,511 13,474	69 194 395 224 587 1,074 239 2,667 6,368 6,100 9,399	78 217 446 253 641 1,147 249 2,773 6,629 6,355 9,852	7 21 44 25 63 1,14 24 2,76 6,61 6,33
2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 Total Cumounts in	225 464 263 659 1,172 252 2,807 6,712 6,435 9,994 14,248 20,092 23,457 86,904	218 448 254 642 1,150 249 2,777 6,637 6,363 9,868 14,045 19,773 23,125 85,670	211 433 246 628 1,129 247 2,748 6,567 6,294 9,745 13,850 19,465 22,807	206 420 238 613 1,110 244 2,720 6,498 6,228 9,626 13,661 19,165	199 407 231 600 1,091 242 2,693 6,432 6,163 9,511 13,474	194 395 224 587 1,074 239 2,667 6,368 6,100 9,399	217 446 253 641 1,147 249 2,773 6,629 6,355 9,852	21 44 25 63 1,14 24 2,76 6,61 6,63
2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 Total Cu	464 263 659 1,172 252 2,807 6,712 6,435 9,994 14,248 20,092 23,457 86,904	448 254 642 1,150 249 2,777 6,637 6,363 9,868 14,045 19,773 23,125 85,670	433 246 628 1,129 247 2,748 6,567 6,294 9,745 13,850 19,465 22,807	420 238 613 1,110 244 2,720 6,498 6,228 9,626 13,661 19,165	407 231 600 1,091 242 2,693 6,432 6,163 9,511 13,474	395 224 587 1,074 239 2,667 6,368 6,100 9,399	446 253 641 1,147 249 2,773 6,629 6,355 9,852	44 25 63 1,14 24 2,76 6,61 6,33
2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 Total Cumounts in	263 659 1,172 252 2,807 6,712 6,435 9,994 14,248 20,092 23,457 86,904	254 642 1,150 249 2,777 6,637 6,363 9,868 14,045 19,773 23,125 85,670	246 628 1,129 247 2,748 6,567 6,294 9,745 13,850 19,465 22,807	238 613 1,110 244 2,720 6,498 6,228 9,626 13,661 19,165	231 600 1,091 242 2,693 6,432 6,163 9,511 13,474	224 587 1,074 239 2,667 6,368 6,100 9,399	253 641 1,147 249 2,773 6,629 6,355 9,852	25 63 1,14 24 2,76 6,61 6,33
2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 Total Cumounts in	659 1,172 252 2,807 6,712 6,435 9,994 14,248 20,092 23,457 86,904	642 1,150 249 2,777 6,637 6,363 9,868 14,045 19,773 23,125 85,670	628 1,129 247 2,748 6,567 6,294 9,745 13,850 19,465 22,807	613 1,110 244 2,720 6,498 6,228 9,626 13,661 19,165	600 1,091 242 2,693 6,432 6,163 9,511 13,474	224 587 1,074 239 2,667 6,368 6,100 9,399	641 1,147 249 2,773 6,629 6,355 9,852	63 1,14 24 2,76 6,61 6,33
2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 Total Cumounts in	659 1,172 252 2,807 6,712 6,435 9,994 14,248 20,092 23,457 86,904	642 1,150 249 2,777 6,637 6,363 9,868 14,045 19,773 23,125 85,670	628 1,129 247 2,748 6,567 6,294 9,745 13,850 19,465 22,807	613 1,110 244 2,720 6,498 6,228 9,626 13,661 19,165	600 1,091 242 2,693 6,432 6,163 9,511 13,474	587 1,074 239 2,667 6,368 6,100 9,399	641 1,147 249 2,773 6,629 6,355 9,852	63 1,14 24 2,76 6,61 6,33
2008 2009 2010 2011 2012 2013 2014 2015 2016 Total Cumounts in	1,172 252 2,807 6,712 6,435 9,994 14,248 20,092 23,457 86,904	1,150 249 2,777 6,637 6,363 9,868 14,045 19,773 23,125 85,670	1,129 247 2,748 6,567 6,294 9,745 13,850 19,465 22,807	1,110 244 2,720 6,498 6,228 9,626 13,661 19,165	1,091 242 2,693 6,432 6,163 9,511 13,474	1,074 239 2,667 6,368 6,100 9,399	1,147 249 2,773 6,629 6,355 9,852	1,14 24 2,76 6,61 6,33
2009 2010 2011 2012 2013 2014 2015 2016 Total Cumounts in	252 2,807 6,712 6,435 9,994 14,248 20,092 23,457 86,904	249 2,777 6,637 6,363 9,868 14,045 19,773 23,125 85,670	247 2,748 6,567 6,294 9,745 13,850 19,465 22,807	244 2,720 6,498 6,228 9,626 13,661 19,165	242 2,693 6,432 6,163 9,511 13,474	239 2,667 6,368 6,100 9,399	249 2,773 6,629 6,355 9,852	24 2,76 6,61 6,33
2010 2011 2012 2013 2014 2015 2016 Total cumounts in	2,807 6,712 6,435 9,994 14,248 20,092 23,457 86,904	2,777 6,637 6,363 9,868 14,045 19,773 23,125 85,670	2,748 6,567 6,294 9,745 13,850 19,465 22,807	2,720 6,498 6,228 9,626 13,661 19,165	6,432 6,163 9,511 13,474	2,667 6,368 <u>6,100</u> 9,399	2,773 6,629 6,355 9,852	2,76 6,61 6,33
2011 2012 2013 2014 2015 2016 Total Cu mounts in	6,712 6,435 9,994 14,248 20,092 23,457 86,904	6,637 6,363 9,868 14,045 19,773 23,125 85,670	6,567 6,294 9,745 13,850 19,465 22,807	6,498 6,228 9,626 13,661 19,165	6,432 6,163 9,511 13,474	6,368 6,100 9,399	6,629 6,355 9,852	6,61 6,33
2013 2014 2015 2016 Total cu mounts in	6,435 9,994 14,248 20,092 23,457 86,904	6,363 9,868 14,045 19,773 23,125 85,670	6,294 9,745 13,850 19,465 22,807	6,228 9,626 13,661 19,165	6,163 9,511 13,474	6,100 9,399	6,355 9,852	6,33
2013 2014 2015 2016 Total cu mounts in	9,994 14,248 20,092 23,457 86,904	9,868 14,045 19,773 23,125 85,670	9,745 13,850 19,465 22,807	9,626 13,661 19,165	9,511 13,474	9,399	9,852	
2015 2016 Total cu mounts in	14,248 20,092 23,457 86,904	14,045 19,773 23,125 85,670	13,850 19,465 22,807	13,661 19,165	13,474		,	- / -
2015 2016 Total cu mounts in	20,092 23,457 86,904	19,773 23,125 85,670	19,465 22,807	19,165			14,021	13,97
2016 Cu Total Cu mounts in	23,457 86,904	23,125 85,670	22,807	-	18,873	18,593	19,735	19,65
Total cu mounts in	86,904	85,670		22,497	22,196	21,908	23,087	23,01
cu mounts in			84,489	83,342	82,225	81,157	85,526	85,24
mounts in		curr vur	curr + 50bp		curr + 150bp	curr + 200bp	prior val	prior fyr en
	1	assumption	cur · Soop	cuit + 1000p	cui + 1500p	cuii - 2000p	assumption	assumption
		assumption	1				assumption	assumption
AY			Dollarim	nast Balativa t	to Valuation As	umption		
	0.19%	0.69%	1.19%	1.69%	2.19%	2.69%	0.75%	0.879
Tatal	1,234	0.0570	(1,181)	(2.328)	(3.445)	(4,513)		(43
Total		-		11	(-7 -7		· · · · · ·	(
	urr - 50 bp	curr val	curr + 50bp	cun + 1000b	curr + 150bp	curr + 2006p	prior val	prior fyr en
manumba in	1	assumption	1			i	assumption	assumption
mounts in			Deverate			A		
L_	0.4000	0.000	e e e e e e e e e e e e e e e e e e e		e to Valuation		0.75%	0.07
AY	0.19%	0.69%	1.19%	1.69%	2.19%	2.69%	0.75%	0.879
2002 & prior	2.3%	-	-	-	(2.3%)	(2.3%)	-	-
2003	2.6%	-	(2.6%)	(6.4%)	(9.0%)	(11.5%)	-	(1.39
2004	3.2%		(3.2%)	(5.5%)	(8.7%)	(11.0%)	(0.5%)	(1.49
2005	3.6%	-	(3.3%)	(6.3%)	(9.2%)	(11.8%)	(0.4%)	(1.19
2006	3.5%	-	(3.1%)	(6.3%)	(9.1%)	(11.8%)	(0.4%)	(1.29
2007	2.6%	-	(2.2%)	(4.5%)	(6.5%)	(8.6%)	(0.2%)	(0.89
2008	1.9%	-	(1.8%)	(3.5%)	(5.1%)	(6.6%)	(0.3%)	(0.69
2009	1.2%	-	(0.8%)	(2.0%)	(2.8%)	(4.0%)		(0.49
2010	1.1%	-	(1.0%)	(2.1%)	(3.0%)	(4.0%)	(0.1%)	
2011	1.1%	-	(1.1%)	(2.1%)	(3.1%)	(4.1%)	(0.1%)	
2012	1.1%	-	(1.1%)	(2.1%)	(3.1%)	(4.1%)	(0.1%)	
2013	1.3%		(1.2%)	(2.5%)	(3.6%)	(4.8%)	(0.2%)	
2013	1.3%	_	(1.2%)	(2.3%)	(3.0%)	(4.8%)	(0.2%)	
2014	1.4%		(1.6%)	(3.1%)	(4.6%)	(6.0%)	(0.2%)	
2015	1.6%	-	(1.6%)	(3.1%)	(4.0%)	(5.3%)	(0.2%)	
Total	1.4%	-	(1.4%)	(2.7%)	(4.0%)	(5.3%)	· · · ·	(0.5)
	1.4% urr - 50 bp	- curr val	(1.4%) curr + 50bp	1 1	(4.0%) curr + 150bp	(5.5%) curr + 200bp	prior val	prior fyr en



Interest Rate Sensitivity (\$000s)

As projected from the latest valuation to December 31, 2016.

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YUKON

	Act	uarial Present V	Value of Provisi	ons at Various	Discount Rates	- Dec. 31, 2016	projected Unp	aid
AY	0.19%	0.69%	1.19%	1.69%	2.19%	2.69%	0.75%	0.87%
2002 & prior	-	-	-	-	-	-	-	-
2003	-	-	-	-	-	-	-	-
2004	-	-	-	-	-	-	-	-
2005		-				-		
2006	-	-	-	-	-	-	-	_
2007								
2008	10	10	10	10	10	10	10	1
2009	13	13	13	13	12	12	13	1
2010	164	162	160	159	157	156	162	16
2010	305	302	299	295	292	290	301	30
2012	105	104	102	101	100	99	104	10
2012	137	134	133	131	129	128	134	13
2013	318	313	308	305	300	296	313	31
2014	2,116	2,082	2,048	2,016	1,984	1,954	2,078	2,06
2015	867	853	2,048	2,016 827	815	1,954 802	2,078 851	2,00
Total	4,035	3,973	3,913	3,857	3,799	3,747)	3,95
TUtai	curr - 50 bp	curr val	curr + 50bp		curr + 150bp		prior val	prior fyr en
	curr - 50 pp	}	curr + 500p	curr + 100pb	curr + 1506p	curr + 200bp		
		assumption					assumption	assumption
mounts in						-		
	0.400/	0.000	1		to Valuation As		0.750	
AY	0.19%	0.69%	1.19%	1.69%	2.19%	2.69%	0.75%	0.87%
Total	62	-	(60)	(116)	(174)	(226)	, , , , , , , , , , , , , , , , , , ,	(22
	curr - 50 bp	curr val	curr + 50bp	curr + 100bp	curr + 150bp	curr + 200bp	prior val	prior fyr en
		assumption					assumption	assumption
mounts in	r							
			Percentage	Impact Relativ	e to Valuation	Assumption		
AY	0.19%	0.69%	1.19%	1.69%	2.19%	2.69%	0.75%	0.87%
2002 & prior	-	-	-	-	-	-	-	-
2003	-	-	-	-	-	-	-	-
2004	-	-	-	-	-	-	-	-
2005						-		
2006	-	-	-	-	-	-	-	-
2007						-		
2008	-	-	-	-	-	-	-	-
2009					(7.7%)	(7.7%)		
2010	1.2%	-	(1.2%)	(1.9%)	(3.1%)	(3.7%)	-	(0.6%
2010	1.0%		(1.0%)	(2.3%)		(4.0%)	(0.3%)	
2011	1.0%	_	(1.0%)	(2.3%)	(3.3%)	(4.8%)	(0.370)	(0.37
2012	2.2%		(0.7%)	(2.3%)		(4.8%)		(1.0/
2013	1.6%	-	(0.7%)	(2.2%)	(3.7%)	(4.5%)	-	(0.3%
2014	1.6%	+	}				(0.2%)	<u>`</u>
	1.6%	-	(1.6%) (1.5%)	(3.2%)		(6.1%) (6.0%)	(0.2%) (0.2%)	· · · ·
		s –	i [1.5%]	(3.0%)	(4.5%)	(%0.0)	(0.2%)	(0.6%
2016				12 00()	14 401	15 70/1	10 20()	10.00
	1.6%	- curr val	(1.5%) curr + 50bp	(2.9%)	(4.4%) curr + 150bp	<mark>(5.7%)</mark> curr + 200bp	(0.2%) prior val	0.69) prior fyr end



EXHIBIT F

Interest Rate Sensitivity (\$000s)

As projected from the latest valuation to December 31, 2016.

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NORTHWEST TERRITORIES

	Act	uarial Present V	/alue of Provisi	ons at Various	Discount Rates	- Dec. 31, 2016	projected Unp	aid
AY	0.19%	0.69%	1.19%	1.69%	2.19%	2.69%	0.75%	0.87%
2002 & prior	-	-	-	-	-	-	-	-
2003	-	-	-	-	-	-	-	-
2004	-	-	-	-	-	-	-	-
2005		-				-	-	
2006	-	-	-	-	-	-	-	-
2007	1	1	1	1	1	1	1	
2008	15	15	15	15	15	14	15	1
2009	234	231	229	226	224	221	231	23
2010	2	2	2	2	2	2	2	
2011	121	120	119	118	117	116	120	12(
2012	202	200	197	194	192	190	199	19
2013	749	740	730	721	712	703	738	730
2014	2,107	2,077	2,047	2,017	1,989	1,963	2,073	2,06
2015	1,806	1,775	1,745	1,715	1,687	1,659	1,771	1,764
2016	1,289	1,268	1,248	1,229	1,209	1,191	1,265	1,260
Total	6,526	6,429	6,333	6,238	6,148	6,060	6,415	6,392
	curr - 50 bp	curr val	curr + 50bp		curr + 150bp	curr + 200bp	prior val	prior fyr end
		assumption	curr soop	cuit : 1000p	cuil (1500p	cuir + 2005p	assumption	assumption
nounts in		assumption	1				assumption	assumption
nounts in			Dollarin	nact Rolativo t	o Valuation Ac	umption		
AY	0.19%	0.69%	1.19%	1.69%	o Valuation As: 2.19%	2.69%	0.75%	0.87%
Total	97	0.05%	(96)	(191)	(281)	(369)	(14)	
TULAI				, ,	. ,	· · ·	× 7	1- 1-
	curr - 50 bp	curr val	curr + 50bp	curr + 100pp	curr + 150bp	curr + 200bp	prior val	prior fyr end
a a cumbra i m		assumption	1				assumption	assumption
nounts in			Dorcontago	Impact Balatia	a to Valuation	Accumption		
	0.100/	0.000			e to Valuation		0 750/	0.070
AY	0.19%	0.69%	1.19%	1.69%	2.19%	2.69%	0.75%	0.87%
2002 & prior	-	-	-	-	-	-	-	-
2003	-	-	-	-	-	-	-	-
2004								
2005	-	-	-	-	-	-	-	-
2006								
2007	-	-	-	-	-	-	-	-
2008		-				(6.7%)		
2009	1.3%	-	(0.9%)	(2.2%)	(3.0%)	(4.3%)	-	(0.4%
2010		-				-		
2011	0.8%	-	(0.8%)	(1.7%)	(2.5%)	(3.3%)	-	-
2012	1.0%		(1.5%)	(3.0%)	(4.0%)	(5.0%)	<u>(0.5%)</u>	<mark>(0.5</mark> %
2013	1.2%	-	(1.4%)	(2.6%)	(3.8%)	(5.0%)	(0.3%)	(0.5%
2014	1.4%		(1.4%)	(2.9%)	(4.2%)	(5.5%)	(0.2%)	<mark>(0.6</mark> %
2014	4 70/		(1.7%)	(3.4%)	(5.0%)	(6.5%)	(0.2%)	(0.6%
2014 2015	1.7%		(=,					
	1.7% 1.7%	-	(1.6%)	(3.1%)	(4.7%)	(6.1%)	(0.2%)	(0.6%
2015		-		(3.1%) (3.0%)	(4.7%) (4.4%)	(6.1%) (5.7%)		(0.69 (0.69



EXHIBIT F

Interest Rate Sensitivity (\$000s)

As projected from the latest valuation to December 31, 2016.

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NUNAVUT

	Act	uarial Present \	/alue of Provisi	ons at Various	Discount Rates	- Dec. 31, 2016	projected Unp	aid
AY	0.19%	0.69%	1.19%	1.69%	2.19%	2.69%	0.75%	0.87%
2002 & prior	-	-	-	-	-	-	-	-
2003	-	-	-	-	-	-	-	-
2004	-	-	-	-	-	-	-	-
2005		-		-		-	-	
2006	-	-	-	-	-	-	-	-
2007	1	1	1	1	1	1	1	
2008	-	-	-	-	-	-	-	-
2009		-				-		
2010	3	3	3	3	3	3	3	
2011	12	12	12	12	11	11	12	1
2012	89	88	87	86	85	84	88	8
2013	49	49	48	48	47	46	49	49
2014	640	633	627	621	614	607	633	63
2015	327	323	318	313	309	304	322	32
2016	494	486	478	470	463	455	485	48
Total	1,615	1,595	1,574	1,554	1,533	1,511	1,593	1,58
	curr - 50 bp	curr val	curr + 50bp	curr + 100bp	curr + 150bp	curr + 200bp	prior val	prior fyr en
		assumption	-		·		assumption	assumptior
mounts in			I			:		
			Dollar Im	pact Relative	to Valuation As	sumption		
AY	0.19%	0.69%	1.19%	1.69%	2.19%	2.69%	0.75%	0.87%
Total	20	-	(21)	(41)	(62)	(84)	(2)	(7
	curr - 50 bp	curr val	curr + 50bp	curr + 100bp	curr + 150bp	curr + 200hn	prior val	prior fyr end
		assumption					assumption	assumption
mounts in	1		1			:		
			Percentage	Impact Relativ	e to Valuation	Assumption		
AY	0.19%	0.69%	1.19%	1.69%	2.19%	2.69%	0.75%	0.87%
2002 & prior	-	-	-	-	-	-	-	-
2003			-	-	-	-	-	_
2003	-	_	_			_	_	
2005								
							3	
2006	-	-	-	-	-	-	-	- 1
2006				- 				
2007							 - -	
2007 2008	- - - -	- - - -	- - - - - -	- 		- - - -	- - - -	
2007 2008 2009								
2007 2008 2009 2010			- - - - - - - -					
2007 2008 2009 2010 2011			- - - - - (1 1%)		(8.3%)			
2007 2008 2009 2010 2011 2012			(1.1%) (2.0%)	(2.3%)	(3.4%)	(4.5%)		
2007 2008 2009 2010 2011 2012 2013			(2.0%)	(2.0%)	(3.4%) (4.1%)	(4.5%) (6.1%)		- - - - - - - - - - - - - - - - - - -
2007 2008 2009 2010 2011 2011 2012 2013 2014	- 1.1%		(2.0%) (0.9%)	(2.0%) (1.9%)	(3.4%) (4.1%) (3.0%)	(4.5%) (6.1%) (4.1%)		
2007 2008 2009 2010 2011 2012 2013 2014 2015	- <u>1.1%</u> 1.2%		(2.0%) (0.9%) (1.5%)	(2.0%) (1.9%) (3.1%)	(3.4%) (4.1%) (3.0%) (4.3%)	(4.5%) (6.1%) (4.1%) (5.9%)		
2007 2008 2009 2010 2011 2011 2012 2013 2014	- 1.1%		(2.0%) (0.9%)	(2.0%) (1.9%)	(3.4%) (4.1%) (3.0%)	(4.5%) (6.1%) (4.1%)	(0.2%)	(0.6% (0.6%



EXHIBIT F

Interest Rate Sensitivity (\$000s)

As projected from the latest valuation to December 31, 2016.

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ALL JURISDICTIONS COMBINED

	Act	uarial Procent V	/alue of Provici	ons at Various	Discount Pator	- Dec. 31, 2016	nrojected Upp	bid
ΑΥ	0.19%	0.69%	1.19%	1.69%	2.19%	2.69%	0.75%	0.87%
2002 & prior	5,450	5,398	5,349	5,300	5,252	5,206	5,393	5,38
2003	3,662	3,566	3,475	3,386	3,301	3,220	3,555	3,53
2003	5,345	5,168	4,999	4,839	4,683	4,538	5,147	5,10
2004	3,933	3,801	3,677	3,558	3,446	3,340	3,786	3,75
2005	4,945	4,792	4,647	4,508	4,377	4,253	4,773	4,73
2008	9,335	9,031	8,749	4,508 8,479	8,222	4,233 7,980	4,773 8,999	8,92
2007	9,555 3,435	9,031 3,358	8,749 3,285	3,218	3,153	3,092	8,999 3,349	3,33
2008	6,018	5,910	5,205	5,708	5,616	5,526	5,898	5,87
2010	8,896	8,757	8,624	8,498	8,376	3,320 8,261	8,742	8,70
2010	19,992	19,715	19,452	19,198	18,955	18,723	19,683	19,62
2012	27,542	27,192	26,853	26,529	26,219	25,919	27,151	27,06
2012	39,856	39,393	38,944	38,511	38,091	37,687	39,336	39,230
2013	52,646	51,996	51,371	50,760	50,163	49,594	51,918	51,76
2014	69,434	68,455	67,512	66,592	65,696	64,835	68,340	68,108
2015	77,742	76,613	75,523	74,465	73,433	72,447	76,478	76,21
Total	338,231	333,145	328,267	323,549	318,983	314,621	332,548	331,360
Total	curr - 50 bp	curr val	curr + 50bp		curr + 150bp	curr + 200bp	prior val	prior fyr en
	curi - 50 ph		curr + Soph	curi + 100pb	dans + 1200b	curr + 200bp		
mounts in		assumption					assumption	assumptior
mounts in								
ΑΥ	0.19%	0.00%	1.19%		o Valuation As. 2.19%	sumption 2.69%	0.75%	0.070
		0.69%		1.69%			0.75%	0.87%
Total	5,086	-	(4,878)	(9,596)	(14,162)	(18,524)	(597)	(1,785
	-					(;)	(/	() -
	curr - 50 bp	curr val	curr + 50bp		curr + 150bp	(;)	prior val	prior fyr end
	-	curr val assumption				(;)	(/	prior fyr end
mounts in	-					(;)	prior val	prior fyr end
mounts in	-		curr + 50bp	curr + 100bp		curr + 200bp	prior val	prior fyr end assumption
mounts in AY	-		curr + 50bp	curr + 100bp	curr + 150bp	curr + 200bp	prior val	prior fyr end assumption
	curr - 50 bp	assumption	curr + 50bp Percentage	curr + 100bp Impact Relativ	curr + 150bp re to Valuation	curr + 200bp Assumption	prior val assumption 0.75%	prior fyr end assumption 0.87%
AY 2002 & prior	curr - 50 bp	assumption	Curr + 50bp Percentage 1.19% (0.9%)	curr + 100bp Impact Relativ 1.69% (1.8%)	curr + 150bp re to Valuation 2.19% (2.7%)	curr + 200bp Assumption 2.69% (3.6%)	prior val assumption 0.75% (0.1%)	prior fyr enc assumption 0.87% (0.3%
AY 2002 & prior 2003	curr - 50 bp	assumption 0.69% -	Curr + 50bp Percentage 1.19% (0.9%) (2.6%)	curr + 100bp Impact Relativ 1.69% (1.8%) (5.0%)	curr + 150bp re to Valuation 2.19% (2.7%) (7.4%)	curr + 200bp Assumption 2.69% (3.6%) (9.7%)	prior val assumption 0.75% (0.1%) (0.3%)	0.87% (0.3% (0.9%
AY 2002 & prior 2003 2004	curr - 50 bp	assumption 0.69% -	Curr + 50bp Percentage 1.19% (0.9%) (2.6%) (3.3%)	curr + 100bp Impact Relativ 1.69% (1.8%) (5.0%) (6.4%)	curr + 150bp <u>re to Valuation</u> 2.19% (2.7%) (7.4%) (9.4%)	curr + 200bp Assumption 2.69% (3.6%) (9.7%) (12.2%)	prior val assumption 0.75% (0.1%) (0.3%) (0.4%)	0.87% (0.3% (0.9% (1.2%
AY 2002 & prior 2003 2004 2005	curr - 50 bp	assumption 0.69% -	Curr + 50bp Percentage 1.19% (0.9%) (2.6%) (3.3%) (3.3%)	curr + 100bp Impact Relativ 1.69% (1.8%) (5.0%) (6.4%) (6.4%)	curr + 150bp <u>re to Valuation</u> 2.19% (2.7%) (7.4%) (9.4%) (9.3%)	Curr + 200bp Assumption 2.69% (3.6%) (9.7%) (12.2%) (12.1%)	prior val assumption 0.75% (0.1%) (0.3%) (0.4%) (0.4%)	0.87% (0.3% (0.3% (0.9% (1.2%) (1.2%) (1.2%)
AY 2002 & prior 2003 2004 2005 2006	curr - 50 bp 0.19% 1.0% 2.7% 3.4% 3.5% 3.2%	assumption 0.69% -	Curr + 50bp Percentage 1.19% (0.9%) (2.6%) (3.3%) (3.3%) (3.0%)	curr + 100bp Impact Relativ 1.69% (1.8%) (5.0%) (6.4%) (6.4%) (5.9%)	curr + 150bp <u>re to Valuation</u> 2.19% (2.7%) (7.4%) (9.4%) (9.3%) (8.7%)	curr + 200bp Assumption 2.69% (3.6%) (9.7%) (12.2%) (12.1%) (11.2%)	prior val assumption 0.75% (0.1%) (0.3%) (0.4%) (0.4%) (0.4%)	0.87% 0.37% 0.39 (0.99 (1.29 (1.29 (1.29) (1.19)
AY 2002 & prior 2003 2004 2005 2006 2007	curr - 50 bp 0.19% 1.0% 2.7% 3.4% 3.5% 3.2% 3.4%	assumption 0.69% -	Curr + 50bp Percentage 1.19% (0.9%) (2.6%) (3.3%) (3.3%) (3.3%) (3.0%) (3.1%)	curr + 100bp Impact Relativ 1.69% (1.8%) (5.0%) (6.4%) (6.4%) (5.9%) (6.1%)	curr + 150bp <u>re to Valuation</u> 2.19% (2.7%) (7.4%) (9.4%) (9.3%) (8.7%) (9.0%)	Curr + 200bp Assumption 2.69% (3.6%) (9.7%) (12.2%) (12.1%) (11.2%) (11.6%)	prior val assumption 0.75% (0.1%) (0.3%) (0.4%) (0.4%) (0.4%) (0.4%)	0.87% 0.3% 0.3% 0.9% (1.2% (1.2% (1.1% (1.1%)
AY 2002 & prior 2003 2004 2005 2006 2007 2008	curr - 50 bp 0.19% 1.0% 2.7% 3.4% 3.5% 3.2% 3.4% 2.3%	assumption 0.69% -	Curr + 50bp Percentage 1.19% (0.9%) (2.6%) (3.3%) (3.3%) (3.3%) (3.0%) (3.1%) (2.2%)	curr + 100bp Impact Relativ 1.69% (1.8%) (5.0%) (6.4%) (6.4%) (5.9%) (6.1%) (4.2%)	curr + 150bp <u>re to Valuation</u> 2.19% (2.7%) (7.4%) (9.4%) (9.3%) (8.7%) (9.0%) (6.1%)	curr + 200bp Assumption 2.69% (3.6%) (9.7%) (12.2%) (12.1%) (11.2%) (11.6%) (7.9%)	prior val assumption 0.75% (0.1%) (0.3%) (0.4%) (0.4%) (0.4%) (0.4%) (0.4%) (0.3%)	prior fyr end assumption 0.879 (0.39 (0.99 (1.29 (1.29 (1.29 (1.19 (1.19 (0.79
AY 2002 & prior 2003 2004 2005 2006 2007 2008 2009	curr - 50 bp 0.19% 1.0% 2.7% 3.4% 3.5% 3.2% 3.4% 2.3% 1.8%	assumption 0.69% -	Curr + 50bp Percentage 1.19% (0.9%) (2.6%) (3.3%) (3.3%) (3.3%) (3.0%) (3.1%) (2.2%) (1.7%)	curr + 100bp Impact Relativ 1.69% (1.8%) (5.0%) (6.4%) (6.4%) (5.9%) (6.1%) (6.1%) (4.2%) (3.4%)	curr + 150bp <u>re to Valuation</u> 2.19% (2.7%) (7.4%) (9.4%) (9.3%) (8.7%) (9.0%) (6.1%) (5.0%)	Curr + 200bp Assumption 2.69% (3.6%) (9.7%) (12.2%) (12.1%) (11.2%) (11.6%) (7.9%) (6.5%)	prior val assumption 0.75% (0.1%) (0.3%) (0.4%) (0.4%) (0.4%) (0.4%) (0.4%) (0.3%) (0.2%)	prior fyr end assumption 0.879 (0.39 (0.99 (1.29 (1.29 (1.29 (1.19 (1.19 (0.79 (0.69
AY 2002 & prior 2003 2004 2005 2006 2007 2008 2009 2010	curr - 50 bp 0.19% 1.0% 2.7% 3.4% 3.5% 3.2% 3.4% 2.3% 1.8% 1.6%	assumption 0.69% -	Curr + 50bp Percentage 1.19% (0.9%) (2.6%) (3.3%) (3.3%) (3.3%) (3.3%) (3.1%) (2.2%) (1.7%) (1.5%)	curr + 100bp Impact Relativ 1.69% (1.8%) (5.0%) (6.4%) (6.4%) (5.9%) (6.1%) (4.2%) (3.4%) (3.0%)	curr + 150bp <u>re to Valuation</u> 2.19% (2.7%) (7.4%) (9.4%) (9.3%) (8.7%) (9.0%) (6.1%) (5.0%) (4.4%)	curr + 200bp Assumption 2.69% (3.6%) (9.7%) (12.2%) (12.1%) (11.2%) (11.6%) (7.9%) (6.5%) (5.7%)	prior val assumption 0.75% (0.1%) (0.3%) (0.4%) (0.4%) (0.4%) (0.4%) (0.4%) (0.3%) (0.2%) (0.2%)	prior fyr end assumption 0.879 (0.39 (0.99 (1.29 (1.29 (1.19 (1.19 (0.79 (0.69 (0.59
AY 2002 & prior 2003 2004 2005 2006 2007 2008 2009 2010 2011	curr - 50 bp 0.19% 1.0% 2.7% 3.4% 3.5% 3.2% 3.4% 2.3% 1.8% 1.6% 1.4%	assumption 0.69% -	Curr + 50bp Percentage 1.19% (0.9%) (2.6%) (3.3%) (3.3%) (3.1%) (2.2%) (1.7%) (1.5%) (1.3%)	curr + 100bp Impact Relativ 1.69% (1.8%) (5.0%) (6.4%) (6.4%) (5.9%) (6.1%) (4.2%) (3.4%) (3.0%) (2.6%)	curr + 150bp <u>re to Valuation</u> 2.19% (2.7%) (7.4%) (9.4%) (9.3%) (8.7%) (9.0%) (6.1%) (5.0%) (4.4%) (3.9%)	Curr + 200bp Assumption 2.69% (3.6%) (9.7%) (12.2%) (12.1%) (11.2%) (11.6%) (7.9%) (6.5%) (5.7%) (5.0%)	prior val assumption 0.75% (0.1%) (0.3%) (0.4%) (0.4%) (0.4%) (0.4%) (0.3%) (0.2%) (0.2%)	0.879 0.879 0.39 (0.39 (0.99 (1.29 (1.29 (1.19 (1.19 (0.79 (0.69 (0.59 (0.59
AY 2002 & prior 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012	curr - 50 bp 0.19% 1.0% 2.7% 3.4% 3.5% 3.2% 3.4% 2.3% 1.8% 1.6% 1.4% 1.3%	assumption 0.69% -	Curr + 50bp Percentage 1.19% (0.9%) (2.6%) (3.3%) (3.3%) (3.1%) (2.2%) (1.7%) (1.5%) (1.3%) (1.2%)	curr + 100bp Impact Relativ 1.69% (1.8%) (5.0%) (6.4%) (6.4%) (5.9%) (6.1%) (4.2%) (3.4%) (3.0%) (2.6%) (2.4%)	curr + 150bp <u>re to Valuation</u> 2.19% (2.7%) (7.4%) (9.4%) (9.3%) (8.7%) (9.0%) (6.1%) (5.0%) (4.4%) (3.9%) (3.6%)	Curr + 200bp Assumption 2.69% (3.6%) (9.7%) (12.2%) (12.1%) (11.2%) (11.6%) (7.9%) (6.5%) (5.7%) (5.0%) (4.7%)	prior val assumption 0.75% (0.1%) (0.3%) (0.4%) (0.4%) (0.4%) (0.4%) (0.4%) (0.4%) (0.2%) (0.2%) (0.2%) (0.2%)	0.879 0.879 (0.39 (0.99 (1.29 (1.29 (1.19 (1.19 (0.79 (0.69 (0.59 (0.59 (0.59 (0.59
AY 2002 & prior 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013	curr - 50 bp 0.19% 1.0% 2.7% 3.4% 3.5% 3.2% 3.4% 2.3% 1.8% 1.6% 1.4% 1.3% 1.2%	assumption 0.69% -	Curr + 50bp Percentage 1.19% (0.9%) (2.6%) (3.3%) (3.3%) (3.1%) (2.2%) (1.7%) (1.5%) (1.3%) (1.1%)	curr + 100bp Impact Relativ 1.69% (1.8%) (5.0%) (6.4%) (6.4%) (6.4%) (5.9%) (6.1%) (4.2%) (3.4%) (3.0%) (2.6%) (2.4%) (2.2%)	curr + 150bp re to Valuation 2.19% (2.7%) (7.4%) (9.4%) (9.3%) (8.7%) (9.0%) (6.1%) (5.0%) (4.4%) (3.9%) (3.6%) (3.3%)	Curr + 200bp Assumption 2.69% (3.6%) (9.7%) (12.2%) (12.1%) (11.2%) (11.6%) (7.9%) (6.5%) (5.7%) (5.0%) (4.7%) (4.3%)	prior val assumption 0.75% (0.1%) (0.3%) (0.4%) (0.4%) (0.4%) (0.4%) (0.2%) (0.2%) (0.2%) (0.1%)	0.879 0.879 0.39 (0.39 (0.99 (1.29 (1.29 (1.29 (1.19 (1.19 (0.79 (0.69 (0.59 (0.59 (0.59 (0.59 (0.59) (0.49)
AY 2002 & prior 2003 2004 2005 2006 2007 2008 2009 2010 2011 2011 2012 2013 2014	curr - 50 bp 0.19% 1.0% 2.7% 3.4% 3.5% 3.2% 3.4% 2.3% 1.8% 1.6% 1.4% 1.3% 1.2% 1.3%	assumption 0.69% -	Curr + 50bp Percentage 1.19% (0.9%) (2.6%) (3.3%) (3.3%) (3.1%) (2.2%) (1.7%) (1.5%) (1.3%) (1.2%) (1.2%)	curr + 100bp Impact Relativ 1.69% (1.8%) (5.0%) (6.4%) (6.4%) (5.9%) (6.1%) (4.2%) (3.4%) (3.0%) (2.6%) (2.4%) (2.2%) (2.4%)	curr + 150bp re to Valuation 2.19% (2.7%) (7.4%) (9.4%) (9.3%) (8.7%) (9.0%) (6.1%) (5.0%) (4.4%) (3.9%) (3.6%) (3.5%)	Curr + 200bp Assumption 2.69% (3.6%) (9.7%) (12.2%) (12.1%) (11.2%) (11.2%) (11.6%) (7.9%) (5.5%) (5.7%) (5.0%) (4.7%) (4.3%) (4.6%)	prior val assumption 0.75% (0.1%) (0.3%) (0.4%) (0.4%) (0.4%) (0.4%) (0.4%) (0.4%) (0.2%) (0.2%) (0.2%) (0.2%) (0.1%) (0.2%)	0.879 0.879 0.39 0.99 (1.29 (1.29 (1.19 (1.19 (0.79 (0.69 (0.59 (0.59 (0.59 (0.59 (0.59 (0.49) (0.49)
AY 2002 & prior 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015	curr - 50 bp 0.19% 1.0% 2.7% 3.4% 3.5% 3.2% 3.4% 2.3% 1.8% 1.6% 1.4% 1.3% 1.2% 1.3% 1.4%	assumption 0.69% -	Curr + 50bp Percentage 1.19% (0.9%) (2.6%) (3.3%) (3.3%) (3.1%) (2.2%) (1.7%) (1.5%) (1.3%) (1.2%) (1.4%)	curr + 100bp Impact Relativ 1.69% (1.8%) (5.0%) (6.4%) (6.4%) (5.9%) (6.1%) (4.2%) (3.4%) (3.0%) (2.6%) (2.4%) (2.2%) (2.4%) (2.7%)	curr + 150bp re to Valuation 2.19% (2.7%) (7.4%) (9.4%) (9.3%) (8.7%) (9.0%) (6.1%) (5.0%) (4.4%) (3.5%) (3.5%) (4.0%)	Curr + 200bp Assumption 2.69% (3.6%) (9.7%) (12.2%) (12.1%) (11.2%) (11.2%) (11.6%) (11.6%) (11.6%) (5.7%) (5.5%) (5.7%) (5.0%) (4.7%) (4.3%) (4.6%) (5.3%)	prior val assumption 0.75% (0.1%) (0.3%) (0.4%) (0.4%) (0.4%) (0.4%) (0.4%) (0.4%) (0.2%) (0.2%) (0.2%) (0.2%) (0.2%) (0.2%) (0.2%)	0.879 0.879 0.39 0.99 (1.29 (1.29 (1.29 (1.19 (1.19 (0.79 (0.69 (0.59 (0.59 (0.59 (0.59 (0.49 (0.49 (0.49) (0.49 (0.59
AY 2002 & prior 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016	curr - 50 bp 0.19% 1.0% 2.7% 3.4% 3.5% 3.2% 3.4% 2.3% 1.8% 1.6% 1.4% 1.3% 1.2% 1.3% 1.4% 1.5%	assumption 0.69% -	Curr + 50bp Percentage 1.19% (0.9%) (2.6%) (3.3%) (3.3%) (3.1%) (2.2%) (1.7%) (1.5%) (1.3%) (1.2%) (1.4%) (1.4%)	curr + 100bp Impact Relativ 1.69% (1.8%) (5.0%) (6.4%) (6.4%) (5.9%) (6.1%) (4.2%) (3.4%) (3.0%) (2.6%) (2.4%) (2.2%) (2.4%) (2.7%) (2.8%)	curr + 150bp re to Valuation 2.19% (2.7%) (7.4%) (9.4%) (9.3%) (8.7%) (9.0%) (6.1%) (5.0%) (4.4%) (3.5%) (3.5%) (4.0%) (4.2%)	curr + 200bp Assumption 2.69% (3.6%) (9.7%) (12.2%) (12.1%) (11.2%) (11.2%) (11.6%) (7.9%) (6.5%) (5.7%) (5.0%) (4.7%) (4.3%) (4.6%) (5.3%) (5.4%)	prior val assumption 0.75% (0.1%) (0.3%) (0.4%) (0.4%) (0.4%) (0.4%) (0.4%) (0.4%) (0.2%) (0.2%) (0.2%) (0.2%) (0.2%) (0.2%) (0.2%) (0.2%)	prior fyr end assumptior 0.879 (0.39 (0.99 (1.29 (1.29 (1.19 (1.19 (0.79 (0.69 (0.59 (0.59 (0.59 (0.59 (0.49 (0.49 (0.49 (0.49 (0.59 (0.59 (0.59) (0.59 (0.59) (0.5
AY 2002 & prior 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015	curr - 50 bp 0.19% 1.0% 2.7% 3.4% 3.5% 3.2% 3.4% 2.3% 1.8% 1.6% 1.4% 1.3% 1.2% 1.3% 1.4%	assumption 0.69% -	Curr + 50bp Percentage 1.19% (0.9%) (2.6%) (3.3%) (3.3%) (3.1%) (2.2%) (1.7%) (1.5%) (1.3%) (1.2%) (1.4%)	curr + 100bp Impact Relativ 1.69% (1.8%) (5.0%) (6.4%) (6.4%) (6.4%) (5.9%) (6.1%) (4.2%) (3.4%) (3.0%) (2.6%) (2.4%) (2.2%) (2.4%) (2.7%) (2.8%) (2.9%)	curr + 150bp re to Valuation 2.19% (2.7%) (7.4%) (9.4%) (9.3%) (8.7%) (9.0%) (6.1%) (5.0%) (4.4%) (3.5%) (3.5%) (4.0%) (4.2%) (4.3%)	Curr + 200bp Assumption 2.69% (3.6%) (9.7%) (12.2%) (12.1%) (11.2%) (11.2%) (11.6%) (11.6%) (11.6%) (5.7%) (5.5%) (5.7%) (5.0%) (4.7%) (4.3%) (4.6%) (5.3%)	prior val assumption 0.75% (0.1%) (0.3%) (0.4%) (0.4%) (0.4%) (0.4%) (0.4%) (0.4%) (0.2%) (0.2%) (0.2%) (0.2%) (0.2%) (0.2%) (0.2%) (0.2%)	prior fyr end assumption 0.879 (0.39 (0.99 (1.29 (1.29 (1.29 (1.19 (1.19 (0.79 (0.69 (0.59 (0.59 (0.59 (0.59 (0.49 (0.49 (0.49 (0.49 (0.59 (0.59) (0.59 (0.59) (0.5



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

ShareDate 201608 Newfoundland
Jurisdiction Desc & Labrador
AccountCode Desc IBNR Provisior
AccountCode (All)

Values Sum of Change Sum of Prior Sum of Sum of Change Sum of Current BusinessSegment Due to Sum of Total Sum of % Total AccYear Month Actual Projected Due to AvsP Month Final Change Change Desc Valuation Amount Change Variances Amount **.T** Implementation Private Passenger 32 (1) (11) (11) (34.4%) 21 prior 1 2005 ---2006 _ (1) 6.3% 17 2007 16 1 1 1 22 23 2008 (1) 2 1 4.5% 2009 108 (2) 2 1 1 0.9% 109 74 (2) 2010 48 (51) (5) (6.8%) 69 2011 205 (3) 2 (17) (18) (8.8%) 187 2012 643 (10) (35) (398) (443) (68.9%) 200 715 (144) 625 2013 (8) 62 (90) (12.6%) 2014 2,266 (69) 12 (495) (552) (24.4%) 1,714 2015 2,717 (386) 379 (572) (579) (21.3%) 2,138 2016 2,633 366 200 245 30.8% 3,444 811 **Private Passenger Total** 9,431 (117) 468 (1,235) (884) (9.4%) 8,547 Non Private Passenger 4 4 prior 2005 _ ----2006 2007 (83) 2 (2) 150 150 (180.7%) 67 2008 _ -_ ---2009 3 -3 _ _ 2010 35 (18) (18) (51.4%) 17 5 (5) 2011 315 (86) (86) (27.3%) 229 2012 172 39 164 203 118.0% 375 2013 424 (8) 18 (59) (49) (11.6%) 375 2014 1,823 (63) (12) (390) (465) (25.5%) 1,358 2015 1,163 (43) (219) 106 (156) (13.4%) 1,007 2016 1,565 456 (95) (65) 296 18.9% 1,861 Non Private Passenger Total 5,421 339 (266) (198)(125) (2.3%) 5,296 Grand Total 14,852 222 202 (6.8%) 13,843 (1,433) (1,009)

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

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ShareDate	201608	Τ.,
Jurisdiction Desc	New Brunswic	Т.
AccountCode Desc	IBNR Provision	T .
AccountCode	(All)	-

		Values						
BusinessSegment Desc	AccYear	Sum of Prior Month Actual Amount	Sum of Projected Change	Sum of Change Due to AvsP Variances	Sum of Change Due to Valuation Implementation	Sum of Total Change	Sum of % Total Change	Sum of Current Month Final Amount
Private								
🗏 Passenger	prior	58	-	5	2	7	12.1%	65
	2005		-	-	-	-	-	
	2006		-	-	-	-	-	
	2007	10	-	-	-	-	-	10
	2008	60	-	-	(4)	(4)	(6.7%)	
	2009	68	(2)	(31)	(15)	(48)	(70.6%)	
	2010	199	(3)	3	(87)	(87)	(43.7%)	112
	2011	(53)	2	(2)	267	267	(503.8%)	214
	2012	116	(2)	40	65	103	88.8%	219
	2013	462	(6)	6	107	107	23.2%	569
	2014 2015	1,224 2,137	(20) (43)	(374) (415)	(59)	(453) (507)	(37.0%) (23.7%)	771 1,630
	2015	1,059	(43)	(413)	<mark>(49)</mark> 88	310	(23.7%) 29.3%	1,369
	2010	1,039	155	03	00	510	29.376	1,305
Private Passenger	Total	5,340	79	(699)	315	(305)	(5.7%)	5,035
Non Private								
Passenger	prior	24	(3)	9	-	6	25.0%	30
	2005		-	-	-	-	-	
	2006		-	-	-	-	-	
	2007	40	(4)	4	-	-	-	40
	2008	14	(1)	1	-	-	-	14
	2009	55	(2)	2	1	1	1.8%	56
	2010	66	(9)	25	(25)	(9)	(13.6%)	57
	2011	218	(14)	-	(58)	(72)	(33.0%)	
	2012	(151)	4	(7)	435	432	(286.1%)	
	2013	(184)	22	22	506	550	(298.9%)	366
	2014	417	(104)	89	(89)	(104)	(24.9%)	313
	2015	168	(2)	(354)	20	(336)	(200.0%)	(168)
New Datasta P	2016	875	123	37	63	223	25.5%	1,098
Non Private Passe	nger Total	1,542	10	(172)	853	691	44.8%	2,233
Grand Total		6,882	89	(871)	1,168	386	5.6%	7,268



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

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M/S IBNR - in \$000s

ShareDate	201608	Τ,
Jurisdiction Desc	Nova Scotia	Τ,
AccountCode Desc	IBNR Provisior	Τ.
AccountCode	(All)	Ŧ

Values

		Values						
BusinessSegment Desc	AccYear	Sum of Prior Month Actual Amount	Sum of Projected Change	Sum of Change Due to AvsP Variances	Sum of Change Due to Valuation Implementation	Sum of Total Change	Sum of % Total Change	Sum of Current Month Final Amount
Private								
🗏 Passenger	prior	393	(5)	82	115	192	48.9%	585
	2005		-	-	-	-	-	
	2006		-	-	-	-	-	
	2007	142	(1)	1	50	50	35.2%	192
	2008	(38)	3	(3)	41	41	(107.9%)	
	2009	(41)	6	(6)	178	178	(434.1%)	
	2010	98	(3)	3	(48)	(48)	(49.0%)	50
	2011	20	-	-	-	-	-	20
	2012	367	(17)	251	(224)	10	2.7%	377
	2013	209	(5)	5	(48)	(48)	(23.0%)	
	2014	729	(34)		(152)	(80)	(11.0%)	
	2015	1,159	(56)	(38)	(53)	(147)	(12.7%)	
	2016	872	225	(155)	242	312	35.8%	1,184
Private Passenger	Total	3,910	113	246	101	460	11.8%	4,370
Non Private								
Passenger	prior	5	1	(1)	1	1	20.0%	6
	2005		-	-	-	-	-	
	2006		-	-	-	-	-	
	2007	(4)	-	-	-	-	-	(4)
	2008	173	(3)	3	(156)	(156)	(90.2%)	17
	2009	(5)	-	-	-	-	-	(5)
	2010	89	(2)	1	(63)	(64)	(71.9%)	25
	2011	248	(5)	(11)	(143)	(159)	(64.1%)	89
	2012	205	(3)	(21)	(47)	(71)	(34.6%)	134
	2013	(159)	3	(14)	(100)	(111)		(270)
	2014	458	(4)	(130)	(21)	(155)		
	2015	2,102	(49)	34	(206)	(221)	(10.5%)	1,881
	2016	1,254	133	86	212	431	34.4%	1,685
Non Private Passe	nger Total	4,366	71	(53)	(523)	(505)	(11.6%)	3,861
Grand Total		8,276	184	193	(422)	(45)	(0.5%)	8,231



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

ShareDate 201608 Prince Edward
Jurisdiction Desc Island AccountCode Desc IBNR Provisior AccountCode (All) V

Values Sum of Change Sum of Prior Sum of Sum of Change Sum of Current BusinessSegment Due to Sum of Total Sum of % Total AccYear Month Actual Projected Due to AvsP Month Final Change Change Desc Valuation Amount Change Variances Amount **.T** Implementation Private 21 Passenger 21 prior --2005 --2006 _ _ -. _ _ (1) 2007 (1) _ -2008 -(1) --(1) 2009 . -. 29 (1) (1) (3.4%) 28 2010 (1) 1 2011 63 (2) (2) (3.2%) 61 2012 59 34 (15) 19 32.2% 78 2013 114 (3) (33) (28.9%) 81 (1) (29) 2014 162 (1) (9) (48) (58) (35.8%) 104 2015 237 (11) 8 85 82 34.6% 319 2016 59 20 (32) 151 139 235.6% 198 (1) **Private Passenger Total** 742 6 141 146 19.7% 888 Non Private Passenger (1) prior (1) 2005 -----2006 --_ --2007 . _ . 2008 -_ _ (2) (2) 100.0% (2) 2009 ------2010 _ . 31 (10) (10) (32.3%) 21 2011 2012 131 (1) 5 (5) (1) (0.8%) 130 2013 69 (1) 1 (10) (10) (14.5%) 59 39 2014 206 (2) 21 58 28.2% 264 2015 461 (13) (15) 36 8 1.7% 469 2016 384 43 (129) 21 (65) (16.9%) 319 Non Private Passenger Total 1,281 26 (99) 51 (22) (1.7%) 1,259 Grand Total 2,023 32 (100) 192 124 6.1% 2,147

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

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M/S IBNR - in \$000s

La de Rente e Breeze		
Jurisdiction Desc	Ontario	-,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
AccountCode Desc	IBNR Provision	.T .
AccountCode	(All)	-

Values

		Values						
BusinessSegment Desc	AccYear	Sum of Prior Month Actual Amount	Sum of Projected Change	Sum of Change Due to AvsP Variances	Sum of Change Due to Valuation Implementation	Sum of Total Change	Sum of % Total Change	Sum of Current Month Final Amount
Private								
Passenger	prior	(2,034)	(24)	929	1,651	2,556	(125.7%)	522
	2005		-	-	-	-	-	
	2006		-	-	-	-	-	
	2007	1,627	(32)	139	(276)	(169)	(10.4%)	
	2008	685	(13)	1	(208)	(220)	(32.1%)	
	2009	988	(19)	(41)	(428)	(488)	(49.4%)	
	2010	292	(6)	133	(46)	81	27.7%	373
	2011	128	(1)	71	(71)	(1)	(0.8%)	
	2012	185	(1)	72	(178)	(107)	(57.8%)	
	2013	1,781	670	(1,150)	(581)	(1,061)	(59.6%)	
	2014	1,515	563	(555)	(378)	(370)	(24.4%)	· ·
	2015	2,686	1,307	(1,350)	(299)	(342)	(12.7%)	2,344
	2016	2,260	227	(126)	78	179	7.9%	2,439
Private Passenger	Total	10,113	2,671	(1,877)	(736)	58	0.6%	10,171
Non Private			· · · · ·					
Passenger	prior	477	(14)	326	(306)	6	1.4%	483
	2005		-	-	-	-	-	
	2006		-	-	-	-	-	
	2007	(128)	2	-	323	325	(253.9%)	197
	2008	114	(3)	35	37	69	60.5%	183
	2009	92	-	5	214	219	238.0%	311
	2010	424	(8)	8	(91)	(91)	(21.5%)	333
	2011	457	(3)	(625)	(115)	(743)	(162.6%)	(286)
	2012	(182)	11	442	596	1,049	(576.4%)	867
	2013	5,268	(17)	(72)	(1,328)	(1,417)	(26.9%)	3,851
	2014	6,362	17	(368)	(1,011)	(1,362)	(21.4%)	5,000
	2015	6,997	19	(174)	468	313	4.5%	7,310
	2016	7,117	734	(8)	(642)	84	1.2%	7,201
Non Private Passe	nger Total	26,998	738	(431)	(1,855)	(1,548)	(5.7%)	25,450
Grand Total		37,111	3,409	(2,308)	(2,591)	(1,490)	(4.0%)	35,621



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

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ShareDate	201608	Ψ.,
Jurisdiction Desc	Alberta	Τ.,
AccountCode Desc	IBNR Provisior	Τ,
AccountCode	(All)	-

		Values						
BusinessSegment Desc	AccYear	Sum of Prior Month Actual Amount	Sum of Projected Change	Sum of Change Due to AvsP Variances	Sum of Change Due to Valuation Implementation	Sum of Total Change	Sum of % Total Change	Sum of Current Month Final Amount
Private								
🗏 Passenger	prior	166	(1)	(40)	(253)	(294)	(177.1%)	(128)
	2005		-	-	-	-	-	
	2006		-	-	-	-	-	
	2007	(12)	-	33	26	59	(491.7%)	
	2008	57	(1)	1	1	1	1.8%	58
	2009	73	(1)	1	(21)	(21)	(28.8%)	
	2010	503	(10)	8	(126)	(128)	(25.4%)	
	2011	514	(10)	15	23	28	5.4%	542
	2012	2,067	(42)	26	(1,242)	(1,258)	(60.9%)	
	2013	1,954	(37)	35	(685)	(687)	(35.2%)	
	2014	2,446	(38)	103	(355)	(290)	(11.9%)	
	2015	2,930	(44)	2	(196)	(238)	(8.1%)	
	2016	2,061	309	12	(21)	300	14.6%	2,361
Private Passenger	Total	12,759	125	196	(2,849)	(2,528)	(19.8%)	10,231
Non Private								
Passenger	prior	(19)	2	(44)	1	(41)	215.8%	(60)
	2005		-	-	-	-	-	
	2006		-	-	-	-	-	
	2007	94	(4)	4	(2)	(2)	(2.1%)	92
	2008	138	(6)	6	(2)	(2)	(1.4%)	136
	2009	394	(36)	2	(216)	(250)	(63.5%)	144
	2010	469	(38)	60	(64)	(42)	(9.0%)	427
	2011	1,619	(127)	98	(544)	(573)	(35.4%)	1,046
	2012	1,508	(120)	97	(629)	(652)	(43.2%)	856
	2013	2,525	(146)	177	(718)	(687)	(27.2%)	1,838
	2014	3,178	(108)	85	763	740	23.3%	3,918
	2015	7,861	(342)	336	(1,330)	(1,336)	(17.0%)	6,525
	2016	5,853	312	(62)	1,508	1,758	30.0%	7,611
Non Private Passe	enger Total	23,620	(613)	759	(1,233)	(1,087)	(4.6%)	22,533
Grand Total		36,379	(488)	955	(4,082)	(3,615)	(9.9%)	32,764



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

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ShareDate	201608	₹,
Jurisdiction Desc	Yukon	₹,
AccountCode Desc	IBNR Provisior	Τ,
AccountCode	(All)	-

		Values						
BusinessSegment Desc	AccYear	Sum of Prior Month Actual Amount	Sum of Projected Change	Sum of Change Due to AvsP Variances	Sum of Change Due to Valuation Implementation	Sum of Total Change	Sum of % Total Change	Sum of Current Month Final Amount
Private								
🗏 Passenger	prior	5	-	-	-	-	-	5
	2005		-	-	-	-	-	
	2006		-	-	-	-	-	
	2007	-	-	-	-	-	-	-
	2008	18	-	-	(3)	(3)	(16.7%)	
	2009	22	-	-	(7)	(7)	(31.8%)	
	2010	35	-	-	-	-	-	35
	2011	(55)	1	(1)	112	112	(203.6%)	
	2012	90	(1)	1	(30)	(30)	(33.3%)	
	2013	150	(1)	1 16	(51)	(51)	(34.0%)	
	2014	219	(2)		(35)	(21)	(9.6%)	
	2015 2016	399 232	(15) 6	19	(21) 18	<mark>(17)</mark> 24	<mark>(4.3%)</mark> 10.3%	256
	2010	232	0		10	24	10.376	230
Private Passenger	Total	1,115	(12)	36	(17)	7	0.6%	1,122
Non Private								
Passenger	prior	1	-	-	-	-	-	1
	2005		-	-	-	-	-	
	2006		-	-	-	-	-	
	2007	-	-	-	-	-	-	-
	2008	2	-	-	(1)	(1)	(50.0%)	1
	2009	-	-	-	-	-	-	-
	2010	6	-	-	(4)	(4)		
	2011	15	-		(9)	(9)		
	2012	25	-	(50)	(9)	(59)		
	2013	71	(1)	1	(19)	(19)	(26.8%)	
	2014	123	(1)	1	(28)	(28)	(22.8%)	
	2015	215	(3)	(32)	(7)	(42)	(19.5%)	
Non Drivoto Passa	2016	344	33	(19)	(47)	(33)	(9.6%)	
Non Private Passe Grand Total	nger rotar	802	28 16	(99)	(124)	(195)	(24.3%)	607
Grand Total		1,917	16	(63)	(141)	(188)	(9.8%)	1,729



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

ShareDate 201608 Northwest
Jurisdiction Desc Territories AccountCode Desc IBNR Provisior AccountCode (All) V

		Values						
BusinessSegmen Desc	t AccYear	Sum of Prior Month Actual Amount	Sum of Projected Change	Sum of Change Due to AvsP Variances	Sum of Change Due to Valuation Implementation	Sum of Total Change	Sum of % Total Change	Sum of Current Month Final Amount
Private								
Passenger	prior	(2)	-	-	-	-	-	(2)
	2005		-	-	-	-	-	
	2006		-	-	-	-	-	
	2007	3	-	-	-	-	-	3
	2008	22	-	-	1	1	4.5%	23
	2009	(2)	-	-	(4)	(4)	200.0%	(6)
	2010	3	-	-	-	-	-	3
	2011	121	(1)	1	(71)	(71)		
	2012 2013	167	(1)	1	(60)	(60)	(35.9%)	
	2013 2014	277 355	(3) (2)	(56)	(104) (161)	(163) (163)	(58.8%) (45.9%)	
	2014 2015	724	(2)	(40)	(101)	(163)	(43.9%)	
	2013	503	(0) 70	(40)	(117)	(103)	(22.3%)	508
	2010	503	70	(/1)	0	J	1.076	508
Private Passenge	r Total	2,171	57	(165)	(510)	(618)	(28.5%)	1,553
Non Private								
🗏 Passenger	prior	2	-	-	-	-	-	2
	2005		-	-	-	-	-	
	2006		-	-	-	-	-	
	2007	-	-	-	-	-	-	-
	2008	-	-	-	-	-	-	-
	2009	-	-	-	-	-	-	-
	2010	1	-	-	-	-	-	1
	2011	-	-	-	-	-	-	-
	2012	19	-	-	(10)	(10)	(52.6%)	
	2013	90	(1)	1	(14)	(14)		
	2014	221	(1)	5	(29)	(25)	(11.3%)	
	2015	215	(10)	4	9	3	1.4%	218
	2016	183	14	(3)	14	25	13.7%	208
Non Private Pass	enger Total	731	2	7	(30)	(21)	(2.9%)	710
Grand Total		2,902	59	(158)	(540)	(639)	(22.0%)	2,263



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

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ShareDate	201608	Τ.,
Jurisdiction Desc	Nunavut	Τ.,
AccountCode Desc	IBNR Provision	₹.
AccountCode	(All)	-

		Values						
BusinessSegment Desc	AccYear	Sum of Prior Month Actual Amount	Sum of Projected Change	Sum of Change Due to AvsP Variances	Sum of Change Due to Valuation Implementation	Sum of Total Change	Sum of % Total Change	Sum of Current Month Final Amount
Private								
🗏 Passenger	prior	(2)	-	-	-	-	-	(2)
	2005		-	-	-	-	-	
	2006		-	-	-	-	-	
	2007	1	-	-	-	-	-	1
	2008	1	-	-	-	-	-	1
	2009	-	-	-	-	-	-	-
	2010	8	-	-	(2)	(2)		6
	2011	20	-	-	(6)	(6)	(30.0%)	14
	2012	48	-	-	(19)	(19)	(39.6%)	
	2013	63	(1)	1	(30)	(30)	(47.6%)	
	2014	108	(1)	1	(54)	(54)	(50.0%)	
	2015	246	(9)	9	(49)	(49)	(19.9%)	197
	2016	30	12	16	8	36	120.0%	66
Private Passenger	Total	523	1	27	(152)	(124)	(23.7%)	399
Non Private								
🗏 Passenger	prior	-	-	-	-	-	-	-
	2005		-	-	-	-	-	
	2006		-	-	-	-	-	
	2007	-	-	-	-	-	-	-
	2008	-	-	-	-	-	-	-
	2009	1	-	-	(1)	(1)	(100.0%)	-
	2010	-	-	-	-	-	-	-
	2011	-	-	-	-	-	-	-
	2012	19	-	-	(12)	(12)		7
	2013	36	-	-	(13)	(13)		
	2014	165	(1)	1	(68)	(68)	(41.2%)	
	2015	222	(2)	2	(37)	(37)	(16.7%)	
	2016	121	42	(8)	(7)	27	22.3%	148
Non Private Passe	nger Total	564	39	(5)	(138)	(104)	(18.4%)	460
Grand Total		1,087	40	22	(290)	(228)	(21.0%)	859



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

page 10 of 10

ShareDate	201608	"
Jurisdiction Desc	(All)	-
AccountCode Desc	IBNR Provision	Ψ.,
AccountCode	(AII)	-

		Values			Curry of Charges			
BusinessSegment Desc	AccYear	Sum of Prior Month Actual Amount	Sum of Projected Change	Sum of Change Due to AvsP Variances	Sum of Change Due to Valuation Implementation	Sum of Total Change	Sum of % Total Change	Sum of Current Month Final Amount
Private								
🗏 Passenger	prior	(1,363)	(31)	977	1,504	2,450	(179.8%)	1,087
	2005		-	-	-	-	-	
	2006		-	-	-	-	-	
	2007	1,786	(34)	174	(199)	(59)	(3.3%)	1,727
	2008	826	(12)	1	(172)	(183)	(22.2%)	643
	2009	1,216	(18)	(75)	(296)	(389)	(32.0%)	827
	2010	1,241	(25)	196	(361)	(190)	(15.3%)	1,051
	2011	963	(12)	86	235	309	32.1%	1,272
	2012	3,742	(74)	390	(2,101)	(1,785)	(47.7%)	1,957
	2013	5,725	608	(1,305)	(1,359)	(2 <i>,</i> 056)	(35.9%)	3,669
	2014	9,024	396	(700)	(1,737)	(2,041)	(22.6%)	6,983
	2015	13,235	737	(1,426)	(1,271)	(1,960)	(14.8%)	11,275
	2016	9,709	1,388	(87)	815	2,116	21.8%	11,825
Private Passenger	⁻ Total	46,104	2,923	(1,769)	(4,942)	(3,788)	(8.2%)	42,316
Non Private								
Passenger	prior	493	(14)	290	(304)	(28)	(5.6%)	465
	2005		-	-	-	-	-	
	2006		-	-	-	-	-	
	2007	(81)	(4)	6	471	473	(584.0%)	392
	2008	441	(13)	45	(124)	(92)	(20.9%)	349
	2009	540	(38)	9	(2)	(31)	(5.7%)	509
	2010	1,090	(57)	94	(265)	(228)	(20.9%)	862
	2011	2,903	(154)	(533)	(965)	(1,652)	(56.9%)	1,251
	2012	1,746	(109)	505	483	879	50.3%	2,625
	2013	8,140	(149)	134	(1,755)	(1,770)	(21.7%)	6,370
	2014	12,953	(267)	(290)	(852)	(1,409)	(10.9%)	11,544
	2015	19,404	(445)	(418)	(941)	(1,804)	(9.3%)	17,600
	2016	17,696	1,890	(201)	1,057	2,746	15.5%	20,442
Non Private Passe	enger Total	65,325	640	(359)	(3,197)	(2,916)	(4.5%)	62,409
Grand Total		111,429	3,563	(2,128)	(8,139)	(6,704)	(6.0%)	104,725



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

ShareDate	201608	₹,	
	Newfoundland	ł	
Jurisdiction Desc	& Labrador	" T	
AccountCode Desc	Undiscounted	" T	NR Provision
AccountCode	(All)	•	

		Values						
BusinessSegmo Desc	ent AccYear	Sum of Prior Month Actual Amount	Sum of Projected Change	Sum of Change Due to AvsP Variances	Sum of Change Due to Valuation Implementation	Sum of Total Change	Sum of % Total Change	Sum of Current Month Final Amount
Private								
🖃 Passenger	prior	(14)	-	-	-	-	-	(14)
	2005		-	-	-	-	-	
	2006		-	-	-	-	-	
	2007	(3)	-	-	-	-	-	(3)
	2008	1	-	1	-	1	100.0%	2
	2009	72	(1)	1	-	-	-	72
	2010	43	(1)	52	(49)	2	4.7%	45
	2011	25	(1)	-	(19)	(20)	(80.0%)	
	2012	352	(7)	(38)	(369)	(414)		
	2013	305	(6)	(140)	48	(98)	(32.1%)	
	2014	1,499	(60)	15	(472)	(517)		
	2015	1,890	(378)	374	(546)	(550)	• • •	
	2016	2,118	291	207	212	710	33.5%	2,828
Private Passen	ger Total	6,288	(163)	472	(1,195)	(886)	(14.1%)	5,402
Non Private								
🗏 Passenger	prior	4	-	-	-	-	-	4
	2005		-	-	-	-	-	
	2006		-	-	-	-	-	
	2007	(140)	3	(3)	138	138	(98.6%)	(2)
	2008	-	-	-	-	-	-	-
	2009	3	-	-	-	-	-	3
	2010	16	-	-	(16)	(16)		
	2011	213	(4)	4	(82)	(82)	(38.5%)	
	2012	(48)	1	46	146	193	(402.1%)	
	2013	289	(6)	16	(54)	(44)	(15.2%)	
	2014	1,483	(59)	(13)	(362)	(434)		
	2015	684	(38)	(210)	92	(156)	(22.8%)	
	2016	1,270	412	(90)	(64)	258	20.3%	1,528
Non Private Pa	ssenger Total	3,774	309	(250)	(202)	(143)	(3.8%)	3,631
Grand Total		10,062	146	222	(1,397)	(1,029)	(10.2%)	9,033

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

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IBNR - in \$000s

 ShareDate
 201608

Jurisdiction Desc
 New Brunswic T

AccountCode Desc
 Undiscounted T

AccountCode
 (All)

Values

		Values						
BusinessSegmen Desc	t AccYear	Sum of Prior Month Actual Amount	Sum of Projected Change	Sum of Change Due to AvsP Variances	Sum of Change Due to Valuation Implementation	Sum of Total Change	Sum of % Total Change	Sum of Current Month Final Amount
Private								
🖻 Passenger	prior	27	-	5	-	5	18.5%	32
	2005		-	-	-	-	-	
	2006		-	-	-	-	-	
	2007	9	-	-	-	-	-	9
	2008	8	-	-	-	-	-	8
	2009	50	(1)	(32)	(13)	(46)	(92.0%)	4
	2010	160	(3)	3	(80)	(80)	(50.0%)	80
	2011	(166)	3	(3)	244	244	(147.0%)	78
	2012	(19)	-	38	57	95	(500.0%)	76
	2013	215	(4)	4	136	136	63.3%	351
	2014	837	(17)	(374)	(65)	(456)	(54.5%)	381
	2015	1,657	(33)	(413)	(50)	(496)	(29.9%)	1,161
	2016	750	111	79	77	267	35.6%	1,017
Private Passenge	r Total	3,528	56	(693)	306	(331)	(9.4%)	3,197
Non Private								
Passenger	prior	2	(2)	8	-	6	300.0%	8
-	2005		-	-	-	-	-	
	2006		-	-	-	-	-	
	2007	37	(4)	4	-	-	-	37
	2008	11	(1)	1	-	-	-	11
	2009	17	(2)	2	-	-	-	17
	2010	45	(9)	25	(23)	(7)	(15.6%)	38
	2011	125	(13)	13	(54)	(54)	(43.2%)	71
	2012	(234)	5	(8)	399	396	(169.2%)	162
	2013	(518)	26	19	518	563	(108.7%)	45
	2014	230	(104)	89	(84)	(99)	(43.0%)	131
	2015	(27)	1	(354)	16	(337)	1,248.1%	(364)
	2016	736	112	26	55	193	26.2%	929
Non Private Pass	enger Total	424	9	(175)	827	661	155.9%	1,085
Grand Total		3,952	65	(868)	1,133	330	8.4%	4,282



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

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IBNR - in \$000s

ShareDate	201608	.]
Jurisdiction Desc	Nova Scotia	" T	
AccountCode Desc	Undiscounted	.	NR Provision
AccountCode	(All)	-	
		_	•

Values

		Values						
BusinessSegmen Desc	nt AccYear ▼	Sum of Prior Month Actual Amount	Sum of Projected Change	Sum of Change Due to AvsP Variances	Sum of Change Due to Valuation Implementation	Sum of Total Change	Sum of % Total Change	Sum of Current Month Final Amount
Private								
🗏 Passenger	prior	264	(2)	79	102	179	67.8%	443
	2005		-	-	-	-	-	
	2006		-	-	-	-	-	
	2007	119	(1)	1	47	47	39.5%	166
	2008	(61)	3	(3)	36	36	(59.0%)	
	2009	(109)	5	(5)	160	160	(146.8%)	
	2010	23	(2)	2	(47)	(47)	(204.3%)	
	2011	(5)	-	-	-	-	-	(5)
	2012	194	(16)	275	(182)	77	39.7%	271
	2013	54	(3)	3	(48)	(48)		
	2014	546	(33)	107	(141)	(67)		
	2015	906	(54)	(38)	(49)	(141)		
	2016	714	203	(156)	217	264	37.0%	978
Private Passenge	er Total	2,645	100	265	95	460	17.4%	3,105
Non Private								
Passenger	prior	(1)	-	-	-	-	-	(1)
-	2005		-	-	-	-	-	
	2006		-	-	-	-	-	
	2007	(4)	-	-	-	-	-	(4)
	2008	153	(2)	2	(149)	(149)	(97.4%)	4
	2009	(6)	-	-	-	-	-	(6)
	2010	54	(1)	1	(56)	(56)	(103.7%)	(2)
	2011	126	(1)	(8)	(119)	(128)	(101.6%)	(2)
	2012	106	(1)	(22)	(30)	(53)	(50.0%)	53
	2013	(365)	4	(16)	(89)	(101)	27.7%	(466)
	2014	192	(2)	(127)	(20)	(149)	(77.6%)	43
	2015	1,800	(45)	35	(190)	(200)	(11.1%)	1,600
	2016	1,048	103	80	188	371	35.4%	1,419
Non Private Pass	enger Total	3,103	55	(55)	(465)	(465)		2,638
Grand Total		5,748	155	210	(370)	(5)	(0.1%)	5,743



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

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ShareDate	201608	Τ.,	
	Prince Edward		
Jurisdiction Desc	Island	Ψ,	
AccountCode Desc	Undiscounted	T,	IR Provision
AccountCode	(All)	-	

		Values						
BusinessSegment Desc	AccYear	Sum of Prior Month Actual Amount	Sum of Projected Change	Sum of Change Due to AvsP Variances	Sum of Change Due to Valuation Implementation	Sum of Total Change	Sum of % Total Change	Sum of Current Month Final Amount
Private								
Passenger	prior	1	-	-	-	-	-	1
	2005		-	-	-	-	-	
	2006		-	-	-	-	-	
	2007	(1)	-	-	-	-	-	(1)
	2008	(1)	-	-	-	-	-	(1)
	2009	-	-	-	-	-	-	-
	2010	1	-	-	(2)	(2)	(200.0%)	(1)
	2011	6	-	-	(3)	(3)	(50.0%)	
	2012	34	-	50	(14)	36	105.9%	70
	2013	94	(1)	4	(28)	(25)	(26.6%)	
	2014	104	(1)	(6)	(34)	(41)	(39.4%)	
	2015	137	(11)	8	74	71	51.8%	208
	2016	(1)	12	(33)	132	111	(11,100.0%)	110
Private Passenger	Total	374	(1)	23	125	147	39.3%	521
Non Private								
Passenger	prior	(1)	-	-	-	-	-	(1)
	2005		-	-	-	-	-	
	2006		-	-	-	-	-	
	2007	-	-	-	-	-	-	-
	2008	-	-	-	(2)	(2)	100.0%	(2)
	2009	-	-	-	-	-	-	-
	2010	-	-	-	-	-	-	-
	2011	13	-	-	(10)	(10)	(76.9%)	3
	2012	63	(1)	5	(5)	(1)	(1.6%)	
	2013	62	(1)	1	(9)	(9)	(14.5%)	
	2014	180	(2)	40	23	61	33.9%	241
	2015	410	(12)	(14)	31	5	1.2%	415
	2016	340	35	(128)	19	(74)	(21.8%)	
Non Private Passe	nger Total	1,067	19	(96)	47	(30)	(2.8%)	1,037
Grand Total		1,441	18	(73)	172	117	8.1%	1,558



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

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Jurisdiction Desc Ontario AccountCode Desc Undiscounted AccountCode (All)	ShareDate	201608	" T]
	Jurisdiction Desc	Ontario	. T]
AccountCode (All)	AccountCode Desc	Undiscounted	.	NR Provision
		onaiscountea		

BusinessSegment Desc	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		(0.1.0)	(-)				(======()	()
Passenger	prior	(3,115)	(8)	918	1,467	2,377	(76.3%)	(738)
	2005		-	-	-	-	-	
	2006		-	-	-	-	-	
	2007	1,285	(26)	130	(275)	(171)	(13.3%)	
	2008	619	(12)	1	(197)	(208)	(33.6%)	
	2009	771	(15)	(41)	(390)	(446)	(57.8%)	
	2010	29	(1)	133	(39)	93	320.7%	122
	2011	(34)	1	69	(76)	(6)	17.6%	(40)
	2012	(319)	6	68	(64)	10	(3.1%)	
	2013	1,352	676	(1,152)	(528)	(1,004)	(74.3%)	
	2014	958	575	(566)	(260)	(251)	(26.2%)	
	2015	2,195	1,317	(1,353)	(268)	(304)	(13.8%)	
	2016	1,957	192	(130)	66	128	6.5%	2,085
Private Passenger	Total	5,698	2,705	(1,923)	(564)	218	3.8%	5,916
Non Private								
Passenger	prior	231	(10)	322	(296)	16	7.1%	247
	2005		-	-	-	-	-	
	2006		-	-	-	-	-	
	2007	(220)	4	(2)	297	299	(135.9%)	
	2008	60	(1)	35	30	64	106.7%	124
	2009	5	-	4	193	197	3,940.0%	202
	2010	372	(7)	7	(88)	(88)	(23.7%)	
	2011	92	(2)	(620)	(120)	(742)	(806.5%)	
	2012	(911)	18	485	671	1,174	(128.9%)	
	2013	3,568	-	(84)	(1,223)	(1,307)	(36.6%)	
	2014	4,859	24	(368)	(679)	(1,023)	(21.1%)	
	2015	5,380	27	(168)	377	236	4.4%	5,616
	2016	6,184	600	(1)	(595)	4	0.1%	6,188
Non Private Passe	enger Total	19,620	653	(390)	(1,433)	(1,170)	(6.0%)	18,450
Grand Total		25,318	3,358	(2,313)	(1,997)	(952)	(3.8%)	24,366



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

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Jurisdiction Desc Alberta T AccountCode Desc Undiscounted T R Provision	ShareDate	201608	.	
AccountCode Desc Undiscounted INR Provision	Jurisdiction Desc	Alberta	. ,	
	AccountCode Desc	Undiscounted	.	NR Provision
AccountCode (All)		(AII)	-	

		Values						
BusinessSegment Desc	AccYear	Sum of Prior Month Actual Amount	Sum of Projected Change	Sum of Change Due to AvsP Variances	Sum of Change Due to Valuation Implementation	Sum of Total Change	Sum of % Total Change	Sum of Current Month Final Amount
Private								
🗏 Passenger	prior	110	-	(41)	(239)	(280)	(254.5%)	(170)
	2005		-	-	-	-	-	
	2006	(-	-	-	-	-	
	2007	(13)	-	33	24	57	(438.5%)	44
	2008	43	(1)	1	-	-	-	43
	2009	67	(1)	1	(19)	(19)	(28.4%)	
	2010	313	(6)	4	(117)	(119)	(38.0%)	
	2011	333	(7)	17	17	27	8.1%	360
	2012	1,779	(36)	23	(1,148)	(1,161)	(65.3%)	
	2013	1,605	(32)	31	(563)	(564)	(35.1%)	
	2014	1,951	(29)	97	(322)	(254)	(13.0%)	
	2015	2,472	(37)	(2)	(189)	(228)	(9.2%)	
	2016	1,780	273	20	(26)	267	15.0%	2,047
Private Passenger	Total	10,440	124	184	(2,582)	(2,274)	(21.8%)	8,166
Non Private								
Passenger	prior	(57)	4	(42)	-	(38)	66.7%	(95)
	2005		-	-	-	-	-	
	2006		-	-	-	-	-	
	2007	30	(3)	3	-	-	-	30
	2008	28	(3)	3	-	-	-	28
	2009	352	(35)	1	(200)	(234)	(66.5%)	
	2010	338	(34)	63	(59)	(30)	(8.9%)	308
	2011	1,128	(113)	84	(506)	(535)	(47.4%)	593
	2012	1,059	(106)	88	(589)	(607)	(57.3%)	452
	2013	1,510	(121)	182	(480)	(419)	(27.7%)	1,091
	2014	2,200	(88)	102	671	685	31.1%	2,885
	2015	6,117	(306)	327	(1,235)	(1,214)	(19.8%)	4,903
	2016	4,898	176	(45)	1,364	1,495	30.5%	6,393
Non Private Passe	nger Total	17,603	(629)	766	(1,034)	(897)	(5.1%)	16,706
Grand Total		28,043	(505)	950	(3,616)	(3,171)	(11.3%)	24,872



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

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ShareDate	201608	.T	
Jurisdiction Desc	Yukon	. ,	
AccountCode Desc	Undiscounted	. T	NR Provision
AccountCode	(All)	-	
		_	

		Values						
BusinessSegment Desc	AccYear	Sum of Prior Month Actual Amount	Sum of Projected Change	Sum of Change Due to AvsP Variances	Sum of Change Due to Valuation Implementation	Sum of Total Change	Sum of % Total Change	Sum of Current Month Final Amount
Private								
Passenger	prior	5	-	-	-	-	-	5
	2005		-	-	-	-	-	
	2006		-	-	-	-	-	
	2007	-	-	-	-	-	-	-
	2008	16	-	-	(2)	(2)	(12.5%)	
	2009	20	-	-	(6)	(6)	(30.0%)	14
	2010	16	-	-	-	-	-	16
	2011	(74)	1	(1)	102	102	(137.8%)	
	2012	83	(1)	1	(28)	(28)	(33.7%)	
	2013	135	(1)	1	(44)	(44)	(32.6%)	
	2014	196	(2)	17	(33)	(18)	(9.2%)	
	2015	254	(15)	19	(21)	(17)	(6.7%)	
	2016	209	1	1	15	17	8.1%	226
Private Passenger	Total	860	(17)	38	(17)	4	0.5%	864
Non Private								
Passenger	prior	1	-	-	-	-	-	1
	2005		-	-	-	-	-	
	2006		-	-	-	-	-	
	2007	-	-	-	-	-	-	-
	2008	2	-	-	(1)	(1)	(50.0%)	1
	2009	-	-	-	-	-	-	-
	2010	5	-	-	(3)	(3)	(60.0%)	2
	2011	14	-	-	(9)	(9)	(64.3%)	5
	2012	20	-	(50)	(9)	(59)	(295.0%)	(39)
	2013	64	(1)	1	(16)	(16)	(25.0%)	48
	2014	106	(1)	1	(26)	(26)	(24.5%)	80
	2015	145	(3)	(29)	(9)	(41)	(28.3%)	104
	2016	312	29	(15)	(44)	(30)	(9.6%)	282
Non Private Passe	nger Total	669	24	(92)	(117)	(185)	(27.7%)	484
Grand Total		1,529	7	(54)	(134)	(181)	(11.8%)	1,348



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

ShareDate 201608 Northwest
Jurisdiction Desc Territories AccountCode Desc Undiscounted AccountCode (All)

		Values						
BusinessSegment Desc	AccYear	Sum of Prior Month Actual Amount	Sum of Projected Change	Sum of Change Due to AvsP Variances	Sum of Change Due to Valuation Implementation	Sum of Total Change	Sum of % Total Change	Sum of Current Month Final Amount
Private								
Passenger	prior	(2)	-	-	-	-	-	(2)
	2005		-	-	-	-	-	
	2006		-	-	-	-	-	
	2007	3	-	-	-	-	-	3
	2008	21	-	-	-	-	-	21
	2009	(14)	-	-	(5)	(5)	35.7%	(19)
	2010	3	-	-	-	-	-	3
	2011	103	(1)	1	(65)	(65)	(63.1%)	
	2012	145	(1)	1	(56)	(56)	(38.6%)	
	2013 2014	242 225	(2)	(57)	(90)	(149)	(61.6%)	
	2014	564	(2) (6)	(37)	(150) (111)	(152) (154)	(67.6%) (27.3%)	
	2015	439	(6) 59	(66)	(111)	(154)	(27.3%)	
	2010	439		(00)	4	(3)	(0.776)	430
Private Passenger	Total	1,729	47	(158)	(473)	(584)	(33.8%)	1,145
Non Private								
🗏 Passenger	prior	2	-	-	-	-	-	2
	2005		-	-	-	-	-	
	2006		-	-	-	-	-	
	2007	-	-	-	-	-	-	-
	2008	-	-	-	-	-	-	-
	2009	-	-	-	-	-	-	-
	2010	1	-	-	-	-	-	1
	2011	-	-	-	-	-	-	-
	2012	17	-	-	(9)	(9)	(52.9%)	
	2013	29	-	-	(1)	(1)	(3.4%)	
	2014	115	(1)	5	(30)	(26)	(22.6%)	
	2015	192	(10)	3	11	4	2.1%	196
	2016	165	12	(3)	13	22	13.3%	187
Non Private Passe	nger Total	521	1	5	(16)	(10)	(1.9%)	511
Grand Total		2,250	48	(153)	(489)	(594)	(26.4%)	1,656

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

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ShareDate	201608	.T	1
Jurisdiction Desc	Nunavut	" T	ĺ
AccountCode Desc	Undiscounted	" T	NR Provision
AccountCode	(All)	Ŧ	

		Values						
BusinessSegment Desc	AccYear	Sum of Prior Month Actual Amount	Sum of Projected Change	Sum of Change Due to AvsP Variances	Sum of Change Due to Valuation Implementation	Sum of Total Change	Sum of % Total Change	Sum of Current Month Final Amount
Private								
🗏 Passenger	prior	(2)	-	-	-	-	-	(2)
	2005		-	-	-	-	-	
	2006		-	-	-	-	-	
	2007	1	-	-	-	-	-	1
	2008	1	-	-	-	-	-	1
	2009	-	-	-	-	-	-	-
	2010	7	-	-	(2)	(2)		
	2011	18	-	-	(5)	(5)		
	2012	39	-	-	(19)	(19)		
	2013	57	(1)	1	(26)	(26)		
	2014	98	(1)	1	(49)	(49)		
	2015	224	(9)	9	(44)	(44)		
	2016	24	10	16	7	33	137.5%	57
Private Passenger	Total	467	(1)	27	(138)	(112)	(24.0%)	355
Non Private								
Passenger	prior	-	-	-	-	-	-	-
	2005		-	-	-	-	-	
	2006		-	-	-	-	-	
	2007	-	-	-	-	-	-	-
	2008	-	-	-	-	-	-	-
	2009	1	-	-	(1)	(1)	(100.0%)	-
	2010	-	-	-	-	-	-	-
	2011	-	-	-	-	-	-	-
	2012	17	-	-	(11)	(11)	(64.7%)	6
	2013	33	-	-	(12)	(12)	(36.4%)	21
	2014	106	(1)	1	(64)	(64)	(60.4%)	42
	2015	202	(2)	2	(35)	(35)	(17.3%)	167
	2016	100	37	(7)	(7)	23	23.0%	123
Non Private Passe	enger Total	459	34	(4)	(130)	(100)		
Grand Total		926	33	23	(268)	(212)	(22.9%)	714



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

page 10 of 10

ShareDate	201608	" T	
Jurisdiction Desc	(All)	Ŧ	
AccountCode Desc	Undiscounted	" T	NR Provision
AccountCode	(All)	-	

BusinessSegment Desc	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	(2,726)	(10)	961	1,330	2,281	(83.7%)	(445)
	2005		-	-	-	-	-	
	2006		-	-	-	-	-	
	2007	1,400	(27)	164	(204)	(67)	(4.8%)	1,333
	2008	647	(10)	-	(163)	(173)	(26.7%)	474
	2009	857	(13)	(76)	(273)	(362)	(42.2%)	
	2010	595	(13)	194	(336)	(155)	(26.1%)	
	2011	206	(4)	83	195	274	133.0%	480
	2012	2,288	(55)	418	(1,823)	(1,460)	(63.8%)	828
	2013	4,059	626	(1,305)	(1,143)	(1,822)	(44.9%)	2,237
	2014	6,414	430	(709)	(1,526)	(1,805)	(28.1%)	4,609
	2015	10,299	774	(1,433)	(1,204)	(1,863)	(18.1%)	8,436
	2016	7,990	1,152	(62)	704	1,794	22.5%	9,784
Private Passenger	Total	32,029	2,850	(1,765)	(4,443)	(3,358)	(10.5%)	28,671
Non Private								
Passenger	prior	181	(8)	288	(296)	(16)	(8.6%)	165
	2005		-	-	-	-	-	
	2006		-	-	-	-	-	
	2007	(297)	-	2	435	437	(147.1%)	140
	2008	254	(7)	41	(122)	(88)	(34.6%)	166
	2009	372	(37)	7	(8)	(38)	(10.2%)	334
	2010	831	(51)	96	(245)	(200)	(24.1%)	631
	2011	1,711	(133)	(527)	(900)	(1,560)	(91.2%)	151
	2012	89	(84)	544	563	1,023	1,149.4%	1,112
	2013	4,672	(99)	119	(1,366)	(1,346)	(28.8%)	3,326
	2014	9,471	(234)	(270)	(571)	(1,075)	(11.4%)	8,396
	2015	14,903	(388)	(408)	(942)	(1,738)	(11.7%)	13,165
	2016	15,053	1,516	(183)	929	2,262	15.0%	17,315
Non Private Passe	nger Total	47,240	475	(291)	(2,523)	(2,339)	(5.0%)	44,901
Grand Total		79,269	3,325	(2,056)	(6,966)	(5,697)	(7.2%)	73,572



Projected Year-end Policy Liabilities

The table below presents the projected policy liabilities as at December 31, 2016, broken down by component. By segment (i.e. private passenger vs non-private passenger) is available upon request.

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Newfoundland & Labrador

PV & non-PPV	Newfoundland & Labrador - Projected Balances as at Dec. 31, 2016 (\$000s)										
nding 2016		nomina	l values		actuar	ial present valu	ue adjustments (apvs)			
Acc Yr	Case	IBNR	Retro Claims Fee & Expense	Total Unpaid	discount	investment PfAD	development PfAD	Total apvs	TOTAL		
prior	-	(12)	-	(12)	-	-	1	1	(1		
1997	-	(2)	-	(2)	-	-	-	-			
1998	-	5	-	5	-	-	1	1			
1999	-	5	(71)	(66)	-	-	-	-	(6		
2000	-	(3)	(11)	(14)	-	-	-	-	(:		
2001	-	(3)	9	6	-	-	-	-			
2002	-	1	34	35	-	-	-	-	3		
2003	-	-	82	82	-	-	-	-	8		
2004	638	(10)	113	741	(42)	14	59	31	7		
2005	-	5	33	38	-	-	-	-	3		
2006	-	4	92	96	-	-	-	-			
2007	1,170	(5)	137	1,302	(46)	17	112	83	1,3		
2008	200	2	61	263	(2)	1	20	19	2		
2009	312	71	121	504	(5)	2	38	35	5		
2010	368	41	195	604	(4)	1	41	38	6		
2011	2,731	125	450	3,306	(38)	15	281	258	3,5		
2012	4,994	72	395	5,461	(63)	20	500	457	5,9		
2013	5,195	391	316	5,902	(76)	26	551	501	6,4		
2014	8,683	1,629	328	10,640	(138)	49	1,017	928	11,5		
2015	10,465	1,299	370	12,134	(175)	62	1,159	1,046	13,1		
PAYs (sub-total):	34,756	3,615	2,654	41,025	(589)	207	3,780	3,398	44,4		
CAY (2016)	10,917	4,470	622	16,009	(271)	102	1,511	1,342	17,3		
claims liabilities:	45,673	8,085	3,276	57,034	(860)	309	5,291	4,740	61,7		
	Unearned Premium	Premium Defiency / (DPAC)		Total Provision	discount	investment PfAD	development PfAD	Total apvs	TOTAL*		
premium liabilities:	14,246	(821)		13,425	(168)	55	923	810	13,68		
					*Total	may not be sun	n of parts, as apv	s apply to future of	costs within L		
policy liabilities:				70,459	(1,028)	364	6,214	5,550	75,4		



Projected Year-end Policy Liabilities

The table below presents the projected policy liabilities as at December 31, 2016, broken down by component. By segment (i.e. private passenger vs non-private passenger) is available upon request.

New Brunswick

PPV & non-PPV New Brunswick - Projected Balances as at Dec. 31, 2016 (\$000s) ending 2016 nominal values actuarial present value adjustments (apvs) **Retro Claims** development investment IBNR Total apvs TOTAL Acc Yr Case Total Unpaid discount Fee & Expense PfAD PfAD 13 prior 10 1 11 -2 2 1997 (2) 5 3 3 6 6 1998 2 4 -1999 5 6 6 1 4 2000 1 5 _ 5 2001 (1) 15 14 14 2002 1 (1) 57 57 2 2 59 21 2003 228 (9) (10)209 (2) 1 22 230 2004 8 (46) (38) 1 1 (37) 190 2005 16 (131) 75 (10) 3 20 13 88 2006 198 13 117 328 (6) 2 20 16 344 33 214 5 2007 13 260 (2) 1 4 264 600 15 234 (15) 5 60 50 2008 849 899 62 53 2009 632 15 259 906 (14) 5 959 84 203 3 54 48 803 2010 468 755 (9) 2011 2,164 94 394 2,652 (30) 9 222 201 2,853 166 3,499 2012 2,604 478 3,248 (35) 13 273 251 2013 5,345 325 370 6,040 (75) 26 559 510 6,550 371 5,162 24 567 2014 4,427 364 (71) 520 5,682 2015 5,046 328 331 5,705 100 38 610 548 6,253 PAYs (sub-total): 21,916 1,469 2,868 26,253 (369) 130 2,479 2,240 28,493 CAY (2016) 2,921 4,420 121 7,462 (154) 59 825 730 8,192 claims liabilities: 26,336 4,390 2,989 33,715 (523) 189 3,304 2,970 36,685 Premium Unearned Total investment development TOTAL* Defiency / discount Total apvs Premium Provision PfAD PfAD (DPAC) premium liabilities: 32 544 481 9,101 10,061 (960) 9,101 (95) *Total may not be sum of parts, as apvs apply to future costs within UPR 42,816 45,786 policy liabilities: 221 3,848 3,451 (618)



Projected Year-end Policy Liabilities

The table below presents the projected policy liabilities as at December 31, 2016, broken down by component. By segment (i.e. private passenger vs non-private passenger) is available upon request.

Nova Scotia

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ding 2016		Nova Scotia - Projected Balances as at Dec. 31, 2016 (\$000s)									
nding 2016		nomina	l values		actuar						
Acc Yr	Case	IBNR	Retro Claims Fee & Expense	Total Unpaid	discount	investment PfAD	development PfAD	Total apvs	TOTAL		
prior	-	3	(36)	(33)	-	-	2	2	(31		
1997	-	-	(14)	(14)	-	-	-	-	(14		
1998	-	6	4	10	-	-	-	-	10		
1999	-	(1)	3	2	-	-	-	-	2		
2000	-	1	6	7	-	-	-	-	7		
2001	-	4	15	19	-	-	-	-	19		
2002	-	14	1	15	-	-	1	1	16		
2003	-	(21)	63	42	-	-	3	3	45		
2004	450	29	133	612	(20)	7	46	33	645		
2005	78	314	16	408	(18)	6	37	25	433		
2006	977	77	376	1,430	(45)	16	101	72	1,502		
2007	201	154	315	670	(15)	5	35	25	695		
2008	525	(20)	453	958	(18)	6	48	36	994		
2009	869	42	358	1,269	(16)	6	91	81	1,350		
2010	1,166	(24)	212	1,354	(26)	9	112	95	1,449		
2011	1,433	(7)	282	1,708	(45)	16	138	109	1,817		
2012	1,756	303	295	2,354	(41)	13	202	174	2,528		
2013	3,457	(424)	215	3,248	(62)	22	359	319	3,567		
2014	3,360	478	172	4,010	(79)	29	441	391	4,40		
2015	2,760	1,806	247	4,813	(100)	36	531	467	5,280		
PAYs (sub-total):	17,032	2,734	3,116	22,882	(485)	171	2,147	1,833	24,715		
CAY (2016)	4,102	2,633	155	6,890	(144)	54	760	670	7,560		
claims liabilities:	21,134	5,367	3,271	29,772	(629)	225	2,907	2,503	32,275		
	Unearned Premium	Premium Defiency / (DPAC)		Total Provision	discount	investment PfAD	development PfAD	Total apvs	TOTAL*		
premium liabilities:	8,681	(768)		7,913	(87)	30	521	464	7,913		
					*Total ı	may not be sun	n of parts, as apv	s apply to future c	osts within UP		
policy liabilities:				37,685	(716)	255	3,428	2,967	40,18		



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EXHIBIT H

Projected Year-end Policy Liabilities

The table below presents the projected policy liabilities as at December 31, 2016, broken down by component. By segment (i.e. private passenger vs non-private passenger) is available upon request.

Prince Edward Island

PV & non-PPV	Prince Edward Island - Projected Balances as at Dec. 31, 2016 (\$000s)										
nding 2016		nomina	l values		actuar						
Acc Yr	Case	IBNR	Retro Claims Fee & Expense	Total Unpaid	discount	investment PfAD	development PfAD	Total apvs	TOTAL		
prior	-	1	-	1	-	-	-	-			
1997	-	(1)	1	-	-	-	-	-	-		
1998	-	-	1	1	-	-	-	-			
1999	-	(1)	1	-	-	-	-	-	-		
2000	-	(1)	2	1	-	-	-	-			
2001	-	-	2	2	-	-	-	-			
2002	-	-	12	12	-	-	-	-	1		
2003	-	(2)	16	14	-	-	-	-	1		
2004	-	4	17	21	-	-	-	-	2		
2005	196	-	75	271	-	-	20	20	29		
2006	-	-	(186)	(186)	-	-	-	-	(18		
2007	-	(1)	28	27	-	-	-	-			
2008	-	(3)	52	49	-	-	-	-			
2009	-	-	47	47	-	-	-	-			
2010	295	(1)	20	314	(4)	1	29	26	34		
2011	860	6	65	931	(17)	6	84	73	1,0		
2012	813	124	45	982	(27)	9	92	74	1,0		
2013	77	114	61	252	(3)	1	19	17	2		
2014	440	274	20	734	(13)	5	69	61	7		
2015	852	490	73	1,415	(24)	9	157	142	1,5		
PAYs (sub-total):	3,533	1,003	352	4,888	(88)	31	470	413	5,3		
CAY (2016)	1,176	640	34	1,850	(34)	12	213	191	2,0		
claims liabilities:	4,709	1,643	386	6,738	(122)	43	683	604	7,3		
	Unearned Premium	Premium Defiency / (DPAC)		Total Provision	discount	investment PfAD	development PfAD	Total apvs	TOTAL*		
premium liabilities:	2,419	(231)		2,188	(20)	7	123	110	2,1		
					*Total	may not be sun	n of parts, as apv	s apply to future of	osts within U		
policy liabilities:				8,926	(142)	50	806	714	9,5		



Projected Year-end Policy Liabilities

The table below presents the projected policy liabilities as at December 31, 2016, broken down by component. By segment (i.e. private passenger vs non-private passenger) is available upon request.

Ontario

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PPV & non-PPV ending 2016	Ontario - Projected Balances as at Dec. 31, 2016 (\$000s)									
		nomina	al values		actuar					
Acc Yr	Case	IBNR	Retro Claims Fee & Expense	Total Unpaid	discount	investment PfAD	development PfAD	Total apvs	TOTAL	
prior	5,935	(1,025)	13	4,923	(24)	9	499	484	5,40	
1997	813	4	35	852	(15)	6	80	71	92	
1998	-	11	19	30	-	-	1	1	3	
1999	-	1	-	1	-	-	-	-		
2000	-	13	19	32	-	-	1	1	3	
2001	-	-	(72)	(72)	-	-	2	2	(7)	
2002	687	(8)	258	937	(23)	8	66	51	98	
2003	2,930	(29)	599	3,500	(111)	41	281	211	3,71	
2004	3,725	(470)	1,366	4,621	(135)	48	311	224	4,84	
2005	2,204	263	1,159	3,626	(112)	40	234	162	3,78	
2006	2,325	710	1,371	4,406	(129)	45	290	206	4,61	
2007	5,441	1,110	1,993	8,544	(303)	105	625	427	8,97	
2008	903	499	1,522	2,924	(48)	17	135	104	3,02	
2009	2,855	489	1,220	4,564	(98)	36	325	263	4,82	
2010	3,168	375	1,332	4,875	(104)	37	344	277	5,152	
2011	6,755	(631)	941	7,065	(153)	51	597	495	7,560	
2012	11,091	(48)	1,976	13,019	(234)	80	1,081	927	13,94	
2013	13,939	2,404	1,697	18,040	(261)	102	1,991	1,832	19,87	
2014	8,996	4,200	926	14,122	(205)	70	1,624	1,489	15,61	
2015	6,672	5,529	1,441	13,642	(229)	83	1,792	1,646	15,28	
PAYs (sub-total):	78,439	13,397	17,815	109,651	(2,184)	778	10,279	8,873	118,52	
CAY (2016)	5,812	9,188	785	15,785	(322)	116	2,125	1,919	17,70	
claims liabilities:	84,251	22,585	18,600	125,436	(2,506)	894	12,404	10,792	136,22	
	Unearned Premium	Premium Defiency / (DPAC)		Total Provision	discount	investment PfAD	development PfAD	Total apvs	TOTAL*	
premium liabilities:	18,774	(1,125)		17,649	(218)	80	1,220	1,082	17,64	
					*Total	may not be sun	n of parts, as apv	s apply to future c	osts within UF	
policy liabilities:				143,085	(2,724)	974	13,624	11,874	153,87	



Projected Year-end Policy Liabilities

The table below presents the projected policy liabilities as at December 31, 2016, broken down by component. By segment (i.e. private passenger vs non-private passenger) is available upon request.

Alberta

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PV & non-PPV	Alberta - Projected Balances as at Dec. 31, 2016 (\$000s)									
nding 2016		nomina	al values		actuar					
Acc Yr	Case	IBNR	Retro Claims Fee & Expense	Total Unpaid	discount	investment PfAD	development PfAD	Total apvs	TOTAL	
prior	83	(50)	5	38	-	-	10	10	43	
1997	-	(36)	15	(21)	-	-	4	4	(1	
1998	-	14	(3)	11	-	-	1	1	1	
1999	-	11	13	24	-	-	1	1	2	
2000	-	(16)	21	5	-	-	2	2		
2001	-	24	29	53	-	-	2	2	5	
2002	-	(12)	53	41	-	-	2	2	4	
2003	64	(11)	87	140	(2)	1	6	5	14	
2004	232	(97)	36	171	(5)	2	13	10	18	
2005	388	(1)	(148)	239	(17)	6	36	25	26	
2006	205	(50)		315	(7)	2	15	10	32	
2007	716	61	413	1,190	(25)	9	76	60	1,25	
2008	1,277	58	524	1,859	(34)	12	130	108	1,96	
2009	172	121	442	735	(5)	1	30	26	76	
2010	2,660	415	345	3,420	(45)	16	303	274	3,69	
2011	5,663	786	408	6,857	(99)	36	635	572	7,42	
2012	5,181	907	464	6,552	(91)	30	600	539	7,09	
2013	8,385	1,767	481	10,633	(175)	61	998	884	11,51	
2014	8,075	4,265	483	12,823	(243)	87	1,509	1,353	14,17	
2015	11,084	6,522	462	18,068	(381)	130	2,137	1,886	19,95	
PAYs (sub-total):	44,185	14,678	4,290	63,153	(1,129)	393	6,510	5,774	68,92	
CAY (2016)	11,591	8,931	(168)	20,354	(398)	152	2,222	1,976	22,33	
claims liabilities:	55,776	23,609	4,122	83,507	(1,527)	545	8,732	7,750	91,25	
	Unearned Premium	Premium Defiency / (DPAC)		Total Provision	discount	investment PfAD	development PfAD	Total apvs	TOTAL*	
premium liabilities:	29,723	(2,584)		27,139	(272)	93	1,529	1,350	27,13	
					*Total	may not be sur	n of parts, as apv	s apply to future o	osts within U	
policy liabilities:				110,646	(1,799)	638	10,261	9,100	118,39	



Projected Year-end Policy Liabilities

The table below presents the projected policy liabilities as at December 31, 2016, broken down by component. By segment (i.e. private passenger vs non-private passenger) is available upon request.

Yukon

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PPV & non-PPV ending 2016	Yukon - Projected Balances as at Dec. 31, 2016 (\$000s)									
		nomina	al values		actuar					
Acc Yr	Case	IBNR	Retro Claims Fee & Expense	Total Unpaid	discount	investment PfAD	development PfAD	Total apvs	TOTAL	
prior	-	1	-	1	-	-	-	-		
1997	-	1	-	1	-	-	-	-		
1998	-	1	-	1	-	-	-	-		
1999	-	1	-	1	-	-	-	-		
2000	-	-	-	-	-	-	-	-	-	
2001	-	1	-	1	-	-	-	-		
2002	-	-	-	-	-	-	-	-	-	
2003	-	1	-	1	-	-	-	-		
2004	-	-	-	-	-	-	-	-	-	
2005	-	-	(73)	(73)	-	-	-	-	(
2006	-	-	17	17	-	-	-	-		
2007	-	-	19	19	-	-	-	-		
2008	-	15	19	34	-	-	1	1		
2009	-	14	15	29	-	-	1	1		
2010	181	18	7	206	(3)	1	20	18	2	
2011	276	33	18	327	(4)	2	31	29	3	
2012	91	12	15	118	(2)	-	10	8	1	
2013	(2)	133	(3)	128	(3)	1	14	12	1	
2014	48	244	(25)	267	(6)	2	36	32	2	
2015	1,580	276	24	1,880	(42)	15	225	198	2,0	
PAYs (sub-total):	2,174	751	33	2,958	(60)	21	338	299	3,2	
CAY (2016)	329	413	(16)	726	(16)	5	85	74	8	
claims liabilities:	2,503	1,164	17	3,684	(76)	26	423	373	4,0	
	Unearned Premium	Premium Defiency / (DPAC)		Total Provision	discount	investment PfAD	development PfAD	Total apvs	TOTAL*	
premium liabilities:	950	(86)		864	(10)	3	54	47	8	
					*Total	may not be sun	n of parts, as apv	s apply to future o	osts within l	
policy liabilities:				4,548	(86)	29	477	420	4,9	



Projected Year-end Policy Liabilities

The table below presents the projected policy liabilities as at December 31, 2016, broken down by component. By segment (i.e. private passenger vs non-private passenger) is available upon request.

Northwest Territories

PPV & non-PPV Northwest Territories - Projected Balances as at Dec. 31, 2016 (\$000s) ending 2016 nominal values actuarial present value adjustments (apvs) **Retro Claims** development investment IBNR Total Unpaid Total apvs TOTAL Acc Yr Case discount Fee & Expense PfAD PfAD (1) (1) prior (1) -1997 1 1 1 1998 1 1 -1 1999 2 2 2 (1) (1) 2000 -_ -(1) 2001 1 1 1 --2002 1 -1 _ _ 1 2003 -(2) (2) 2004 (2) _ _ -17 2005 17 17 2006 (2) 19 17 _ -17 2007 3 31 34 34 2008 21 44 65 2 2 67 _ 143 (19) 40 12 11 175 2009 164 (2) 1 32 2010 4 36 _ 36 2011 86 38 36 160 (2) 1 12 11 171 93 2012 100 38 231 (3) 1 20 18 249 2013 634 117 37 788 (14) 5 74 65 853 243 1,858 145 15 2014 2.018 (40) 15 218 2.236 2015 1,140 490 115 1,745 (39 13 194 168 1,913 PAYs (sub-total): 3,961 892 424 5,277 (100) 36 557 493 5,770 CAY (2016) (26) 562 559 (69)1,052 9 129 112 1,164 claims liabilities: 4,523 1,451 355 6,329 (126) 45 686 605 6,934 Premium Unearned Total investment development Total apvs TOTAL* Defiency / discount Premium Provision PfAD PfAD (DPAC) premium liabilities: 1,635 77 1,635 1,818 (183) (16) 6 67 *Total may not be sum of parts, as apvs apply to future costs within UPR 7,964 8,569 policy liabilities: 51 763 672 (142)



Projected Year-end Policy Liabilities

The table below presents the projected policy liabilities as at December 31, 2016, broken down by component. By segment (i.e. private passenger vs non-private passenger) is available upon request.

Nunavut

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PV & non-PPV	Nunavut - Projected Balances as at Dec. 31, 2016 (\$000s)										
nding 2016		nomina	al values		actuar						
Acc Yr	Case	IBNR	Retro Claims Fee & Expense	Total Unpaid	discount	investment PfAD	development PfAD	Total apvs	TOTAL		
prior	-	-	-	-	-	-	-	-	-		
1997	-	-	-	-	-	-	-	-	-		
1998	-	-	-	-	-	-	-	-	-		
1999	-	-	-	-	-	-	-	-	-		
2000	-	-	-	-	-	-	-	-	-		
2001	-	(1)	-	(1)	-	-	-	-			
2002	-	(1)	-	(1)	-	-	-	-			
2003	-	-	-	-	-	-	-	-	-		
2004	-	-	-	-	-	-	-	-	-		
2005	-	-	-	-	-	-	-	-	-		
2006	-	-	-	-	-	-	-	-	-		
2007	-	1	5	6	-	-	-	-			
2008	-	1	7	8	-	-	-	-			
2009	-	-	10	10	-	-	-	-	1		
2010	-	5	10	15	-	-	1	1	1		
2011	-	13	12	25	-	-	1	1	2		
2012	61	26	13	100	(1)	-	9	8	10		
2013	(2)	52	(16)	34	(1)	-	5	4	3		
2014	528	91	29	648	(9)	3	63	57	70		
2015	49	300	11	360	(7)	2		34	39		
PAYs (sub-total):	636	487	81	1,204	(18)	5	118	105	1,30		
CAY (2016)	287	114	(43)	358	(9)	3	47	41	39		
claims liabilities:	923	601	38	1,562	(27)	8	165	146	1,70		
	Unearned Premium	Premium Defiency / (DPAC)		Total Provision	discount	investment PfAD	development PfAD	Total apvs	TOTAL*		
premium liabilities:	713	(67)		646	(5)	2	24	21	64		
					*Total	may not be sur	n of parts, as apv	s apply to future o	osts within U		
policy liabilities:				2,208	(32)	10	189	167	2,3		



Projected Year-end Policy Liabilities

The table below presents the projected policy liabilities as at December 31, 2016, broken down by component. By segment (i.e. private passenger vs non-private passenger) is available upon request.

All Jurisdictions

PPV & non-PPV ALL JURISDICTIONS - Projected Balances as at Dec. 31, 2016 (\$000s) ending 2016 nominal values actuarial present value adjustments (apvs) **Retro Claims** investment development discount Total apvs TOTAL Acc Yr Case IBNR Total Unpaid Fee & Expense PfAD PfAD 6,018 5,427 prior (1,073) (17) 4,928 (24) 9 514 499 1997 (35) (15) 6 813 42 820 84 75 895 3 1998 40 25 65 3 68 -1999 19 (49) (30) (29) 1 1 -41 2000 -(6) 35 -3 3 38 25 (2) 23 4 27 2001 4 2002 688 (6) 415 1,097 (23) 8 71 56 1,153 2003 3,222 (71) 837 3,988 (115) 43 312 240 4,228 2004 5,045 (538) 1,619 6,126 (202) 71 430 299 6,425 2005 3,056 597 948 4,601 (157) 55 347 245 4,846 2006 3,705 752 1,966 6,423 (187) 65 426 304 6,727 2007 7,541 1,356 3,155 12,052 (391) 137 853 599 12,651 3,505 2008 588 2,916 7,009 (117) 41 396 320 7,329 733 470 2009 4,983 2,512 8,228 (140)51 559 8,698 917 68 904 2010 8,306 2,356 11,579 (195) 777 12,356 2011 19,968 457 2,606 23,031 (388) 136 2,001 1,749 24,780 1,655 2,456 2012 26,691 3,719 32,065 (497) 166 2,787 34,521 2013 37,028 4,879 3,158 45,065 (670) 244 4,570 4,144 49,209 5,569 2014 11.697 2,312 284 36,415 50,424 (804) 5,049 55,473 2015 39,648 17,040 3,074 59,762 1.097 388 6,844 6,135 65,897 PAYs (sub-total): 206,632 1,772 23,428 300,719 39,026 31,633 277,291 (5,022) 26,678 CAY (2016) 39,196 29,869 1,421 70,486 (1,374) 512 7,917 7,055 77,541 claims liabilities: 245,828 68,895 33,054 347,777 (6,396) 2,284 34,595 30,483 378,260 Premium Unearned Total investment development TOTAL* Defiency / discount Total apvs Provision PfAD PfAD Premium (DPAC) premium liabilities: 80,560 4,432 80,823 87,385 (6,825) (891) 308 5,015 *Total may not be sum of parts, as apvs apply to future costs within UPR 428,337 policy liabilities: 2,592 39,610 34,915 459,083 (7.287)

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