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TO: MEMBERS OF THE FACILITY ASSOCIATION

ATTENTION: CHIEF EXECUTIVE OFFICER

BULLETIN NO.: F17 – 041

DATE: JUNE 28, 2017

**SUBJECT: PRELIMINARY FARM OUTLOOK FOR CALENDAR YEAR 2018
(BASED ON MARCH 2017 PARTICIPATION REPORT)**

To assist member companies in planning for their share of the Facility Association Residual Market (FARM) results for the next calendar year, Facility Association prepares a FARM “Outlook” which projects Net Results from Operations. The Outlook presentation format is very similar to that of the “Participation Report - Calendar Year” exhibits of the monthly Participation Reports Member Bulletins (“Bulletins”).

The attached is the Preliminary FARM Outlook for calendar year 2018 based on the actual results as found in the March 2017 Participation Reports. We anticipate that an updated FARM Outlook will be made available to members in October 2017 based on the August 2017 Participation Reports. In addition, updated projections will be made throughout 2018 and included in the Bulletins and the corresponding Calendar Year Summary of Operations included with the Bulletins. This will provide members with the most up-to-date projection for the full current calendar year.

The attached Preliminary FARM Outlook is derived through a projection process that attempts to model future outcomes based on a set of simplifying assumptions. As with any such process of projecting future outcomes, inherent uncertainty exists. For example, FARM premium volumes have in the past varied in ways that are difficult to model or project (charts showing history of premium volumes can be found at the “Provincial Profiles” section of our website). **As such, we stress it is important to recognize that future Operating Results may deviate from these projections by material amounts.**

Questions regarding the Outlook should be directed to Shawn Doherty, SVP, Actuarial and CFO, at Facility Association, (416) 644-4968 or sdoherty@facilityassociation.com.

David J. Simpson, M.B.A., FCIP, C. Dir.
President & CEO

Attach.

Please forward a copy of this bulletin to your Chief Financial Officer.



OUTLOOK FOR CALENDAR YEAR 2018 (PRELIMINARY)

FACILITY ASSOCIATION RESIDUAL MARKET (FARM)

JUNE 2017

BASED ON MARCH 2017 PARTICIPATION REPORTS

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

Should you require any further information, please call:

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OUTLOOK TO CALENDAR YEAR 2018
FACILITY ASSOCIATION RESIDUAL MARKET (FARM)
JUNE 2017
BASED ON MARCH 2017 PARTICIPATION REPORT

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LINKS TO SPECIFIC REFERENCED DOCUMENTS

Actuarial Highlights - Monthly Participation - March 2017

[FARM March 2017 Participation Report – Actuarial Highlights](#)

Actuarial Highlights – Quarterly Valuations - 2016 Q4

[Actuarial Quarterly Valuation Highlights FARM as at December 31, 2016](#)

Outlook

[FARM Final Outlook for Calendar Year 2017 - Based on August 2016 Participation Report](#)

1. Executive Summary

This “Preliminary FARM Outlook” is a projection of Facility Association Residual Market (“FARM”) Operating Results for a future complete calendar year using actual experience available up to a specific point in time, and based on assumptions developed for this specific purpose. Consideration has been given to recent FARM experience, to the results of the March 31, 2017 valuation of the FARM policy liabilities, and to monthly premium projections developed for FARM Monthly Member Participation Reports.

Annually, 2 FARM Outlooks are released for members, being “Preliminary” and “Final” versions in relation to the next calendar year. The former is released earlier in the current year to allow members to consider the projected results early on in their planning process, but necessarily includes significant projection error, as almost two full calendar years require projecting. The latter is released in the fall of the current year.

This release is the Preliminary FARM Outlook for calendar year 2018 based on the actual results as found in the March 2017 Participation Reports. We anticipate that the Final FARM Outlook for calendar year 2018 will be made available to members in October 2017 based on the August 2017 Participation Reports. In addition, updated projections will be made throughout 2018 and included in the Bulletins and the corresponding Calendar Year Summary of Operations included with the Bulletins. This will provide members with the most up-to-date projection for the full current calendar year.

The tables on the next page provide a high-level summary of key metrics projected for calendar years **2018** and **2017**, with actuals for **2016** provided for reference. Supporting details related to the projections are provided in the body of this report.

Readers are reminded that FARM operating results do not include all expenses incurred by members to support this business – for example, premium taxes and health levies are applied at member companies based on their share of FARM written premium or vehicle counts as applicable – these expenses are not included here. As such, the Combined Operating Ratio may not be comparable to a member’s own such ratio. Similarly, investment income here relates only to investment income earned on funds held by FA – it does NOT include any investment income earned by members on FARM related funds held by members.

Projection Summaries – Calendar Years 2018 & 2017 – Key Amounts (\$000s) and Key Ratios

Actual and Projected Calendar Year Results						
FARM (PPV & Non-PPV)		2018	2017	Change (to 2018 from 2017)		2016
Written	Premium (\$000s)	180,015	180,039	(24)	-	170,998
	Vehicle Count	93,418	93,418	-	-	94,246
Earned	Premium (\$000s)	180,388	173,842	6,546	3.8%	178,057
Net Operating Result (\$000s)		15,570	34,239	(18,670)	(54.5%)	5,619
	COR	91.4%	80.4%	11.0%	13.7%	96.7%
Prior Accident Years' incurred claims (\$000s)		(7,349)	(25,873)	18,524	(71.6%)	(3,711)

Actual and Projected Calendar Year Results						
FARM (PPV)		2018	2017	Change (to 2018 from 2017)		2016
Written	Premium (\$000s)	71,299	71,749	(450)	(0.6%)	68,076
	Vehicle Count	30,963	30,963	-	-	29,543
Earned	Premium (\$000s)	71,510	68,916	2,594	3.8%	70,647
Net Operating Result (\$000s)		2,483	13,256	(10,773)	(81.3%)	2,834
	COR	96.6%	80.8%	15.8%	19.6%	95.8%
Prior Accident Years' incurred claims (\$000s)		(3,016)	(13,512)	10,496	(77.7%)	(3,409)

Actual and Projected Calendar Year Results						
FARM (Non-PPV)		2018	2017	Change (to 2018 from 2017)		2016
Written	Premium (\$000s)	108,716	108,290	426	0.4%	102,922
	Vehicle Count	62,455	62,455	-	-	64,703
Earned	Premium (\$000s)	108,878	104,926	3,952	3.8%	107,410
Net Operating Result (\$000s)		13,087	20,983	(7,896)	(37.6%)	2,786
	COR	88.1%	80.1%	8.0%	10.0%	97.3%
Prior Accident Years' incurred claims (\$000s)		(4,333)	(12,361)	8,028	(64.9%)	(302)

2. Introduction

2.1 Summary of Results

Introductory Comments

This “Preliminary FARM Outlook” is a projection of the Facility Association Residual Market (“FARM”) Operating Results for a future complete calendar year using actual experience available up to a specific point in time and based on assumptions developed for this specific purpose. Consideration has been given to recent FARM experience, to the results of the March 31, 2017 valuation of the FARM policy liabilities, and to monthly premium projections developed for the FARM Monthly Member Participation Reports.

The table below summarizes the calendar year **2018** projection for all jurisdictions by business segment – greater detail is provided in section 2.2.

Projection Summary – Calendar Year 2018 – Amounts (\$000s)

Calendar Year 2018 Projections (\$000s)			
All Jurisdictions	Private Passenger	Non-Private Passenger	TOTAL
Written Premium	71,299	108,716	180,015
Earned Premium	71,510	108,878	180,388
Prior Accident Years	(3,016)	(4,333)	(7,349)
Current Accident Year	54,714	76,612	131,326
Total Claims Incurred	51,698	72,279	123,977
Operating & Service Fees	7,237	11,095	18,332
Agent's Commissions	6,873	8,251	15,124
Driver Record Abstracts	1,105	1,469	2,574
Bad Debts	-	-	-
Change in Prem. Def / (DPAC)	408	77	485
Underwriting Expenses	15,623	20,892	36,515
Net U/Wing gain / (loss)	4,189	15,707	19,896
Administrative Expenses	1,783	2,721	4,504
Miscellaneous income	-	-	-
Investment Income	77	101	178
2018 Projected Operating Result	2,483	13,087	15,570
misc. & investment income:	77	101	178
attributed to PAYs:	3,016	4,333	7,349
attributed to CAY:	(610)	8,653	8,043

As will be noted in section 2.2, there are notable differences between the overall operating result projected for calendar year **2018** in this Outlook and two comparable projections for calendar year **2017**, being our calendar year projection posted on October 27, 2016 (the “*Oct 27 2016 Outlook*”) and our current projection (“*Mar 31 2017 Projection*”). These differences are mainly due to prior accident year impacts. In particular, like our *Oct 27 2016 Outlook* for calendar year **2017**, this Outlook’s projection for calendar year **2018** assumes no nominal changes to our estimates of

ultimate for prior accident years¹, whereas the current projection for calendar year **2017** (*Mar 31 2017 Projection*) includes nominal prior accident year changes as booked during the first three months of **2017**. Differences in the projections are discussed at a high level in the next section. Given the importance of accident year impacts, we have separated the Operating Results summary to show “prior accident years” (PAYs) from the “current accident year” (CAY).

Otherwise, we are projecting calendar year **2018** to be reasonably aligned with our current projection of calendar year **2017**, as shown in the summary of key aspects of the operating results provided in the tables in the next section. Projected volumes are discussed in section 3.1 and the **2018** “current accident year” loss ratios are discussed in section 3.2.

Our projections of the number of vehicles insured through the FARM generally *assume a cessation of decreases* experienced by the FARM over the last several years, so that counts for **2018** are *assumed to be equal* to the counts for **2017**. Given the nature of the FARM (as a market of last resort), volumes can change rapidly in response to external events, so Members should bear in mind that volumes may change dramatically from those projected here. This is discussed in more detail in section 2.3.

2.2 Summary of Results

Summary of Calendar Year 2018 Operating Results

The estimated calendar year **2018** Operating Results are summarized in the table on the next page. Policy liabilities and associated changes are presented on an actuarial present value basis as found in the Participation Reports (that is, “Total Claims Incurred” and “Change in Prem. Def / (DPAC)” include actuarial present value adjustments, commonly described as “discounted”). We have included at the bottom of the table the projected Operating Results for calendar year **2017** as per the *Oct 27 2016 Outlook* and with the *Mar 31 2017 Projection*².

¹In our projections, we assume that our liabilities are “best estimates” and therefore project no changes in nominal terms. However, there are prior accident year impacts related to actuarial present value adjustments. Over time, the “discount” adjustment to reflect the time value of money will unwind and provisions for adverse deviations will be released with liability / obligation settlement.

²The Mar 31 2017 Projection for calendar year 2017 and this Outlook’s projection for calendar year 2018 were derived at the same time, using consistent assumptions.

Projection Summary – Calendar Year 2018 – Amounts (\$000s)

Calendar Year 2018 Projections (\$000s)			
All Jurisdictions	Private Passenger	Non-Private Passenger	TOTAL
Written Premium	71,299	108,716	180,015
Earned Premium	71,510	108,878	180,388
Prior Accident Years	(3,016)	(4,333)	(7,349)
Current Accident Year	54,714	76,612	131,326
Total Claims Incurred	51,698	72,279	123,977
Operating & Service Fees	7,237	11,095	18,332
Agent's Commissions	6,873	8,251	15,124
Driver Record Abstracts	1,105	1,469	2,574
Bad Debts	-	-	-
Change in Prem. Def / (DPAC)	408	77	485
Underwriting Expenses	15,623	20,892	36,515
Net U/Wing gain / (loss)	4,189	15,707	19,896
Administrative Expenses	1,783	2,721	4,504
Miscellaneous income	-	-	-
Investment Income	77	101	178
2018 Projected Operating Result	2,483	13,087	15,570
misc. & investment income:	77	101	178
attributed to PAYs:	3,016	4,333	7,349
attributed to CAY:	(610)	8,653	8,043
2017 Projected Operating Result			
Oct 27 2016 Outlook	3,862	11,935	15,797
misc. & investment income:	122	160	282
attributed to PAYs:	3,376	4,803	8,179
attributed to CAY:	364	6,972	7,336
Mar 31, 2017 Projection	13,256	20,983	34,239
misc. & investment income:	73	91	163
attributed to PAYs:	13,512	12,361	25,873
attributed to CAY:	(329)	8,532	8,203

In comparing the calendar year **2018** operating result projection against the two projections for calendar year **2017**, **2018** is showing a slight deterioration relative to the *Oct 27 2016 Outlook projection for 2017*, and a much larger deterioration from the *Mar 31 2017 Projection for 2017*. The components of the projection for **2018** compared with the same components for the two projections for **2017** show a higher level of similarity with the *Oct 27 2016 Outlook*, in relation to the operating result attributed to prior accident years (PAYs), whereas the **2018** “misc. & investment income” and “attributed CAY” components are more aligned with the *Mar 31 2017 Projection*. These alignments are to be expected, as the **2018** projection for the contribution of the prior accident years has the same base assumption for the prior accident years as found in *Oct 27 2016 Outlook* (i.e. no “nominal” changes in claims liabilities, so the prior accident years impact is driven by releases of actuarial present value adjustments as claims are settled), whereas the *Mar 31 2017 Projection* includes actual prior accident year activity included up to the

December 31, 2016 valuation. In addition, the updated valuation and more recent investment assumptions leads to closer alignment with the *Mar 31 2017 Projection* (updated investment yields and updated accident years 2017 and 2018 loss ratios).

Operating Result Projection Summary – Calendar Year 2018 vs 2017

in \$ thousands	2018 TOTAL	2017 TOTAL	2018 less 2017	% change
Underwriting Revenue				
written premium	180,015	180,039	(24)	-
decrease / (increase) in unearned	373	(6,197)	6,570	(106.0%)
earned premium	180,388	173,842	6,546	3.8%
Claims Incurred				
Prior Accident Years				
Undiscounted	-	(10,088)	10,088	(100.0%)
effect of discounting	(7,349)	(15,785)	8,436	(53.4%)
Discounted	(7,349)	(25,873)	18,524	(71.6%)
Current Accident Year				
Undiscounted	124,347	118,634	5,713	4.8%
effect of discounting	6,979	6,610	369	5.6%
Discounted	131,326	125,244	6,082	4.9%
Claims Incurred	123,977	99,371	24,606	24.8%
Underwriting Expenses	36,515	35,657	858	2.4%
Net Underwriting Gain (Loss)	19,896	38,814	(18,918)	(48.7%)
Administrative Expenses	4,504	4,738	(234)	(4.9%)
Miscellaneous income / (expense)	-	(17)	17	(100.0%)
Investment Income	178	181	(3)	(1.7%)
Operating Result	15,570	34,239	(18,670)	(54.5%)
Ratios				
Claims & Adj. Expenses to EP				
Prior Accident Year	(4.1%)	(14.9%)	10.8%	(72.5%)
Current Accident Year	72.8%	72.0%	0.8%	1.1%
All Accident Years Combined	68.7%	57.2%	11.5%	20.1%
Underwriting & Admin Exp (EP)	22.7%	23.2%	(0.5%)	(2.2%)
Combined Operating Ratio	91.4%	80.4%	11.0%	13.7%
Current Accident Year only*	8,043	8,203	(160)	(2.0%)

*excluding miscellaneous income/(expense) and investment income

PAYs for 2018 have no projected “undiscounted” impact, as we assume our liabilities are best estimates – the 2017 projection includes implemented valuation impacts for 2017. The “effect of discounting” for 2017 also reflects valuation impacts (particularly apv releases with nominal releases) not expected for 2018.

FARM operating results do not include all expenses – for example, premium taxes and health levies are applied at member companies based on their share of FARM written premium or vehicle counts as applicable – these expenses are not included here. As such, the Combined Operating Ratio may not be comparable to a member’s own such ratio.

Similarly, investment income here relates only to investment income earned on funds held by FA – it does NOT include any investment income earned by members on FARM related funds held by members.

As at December 31, 2016, *nominal* unpaid *indemnity only* claims liability balance for the FARM amounted to \$316.0 million³, with this then being the beginning balance for calendar year 2017. The nominal prior accident year change in **2017** at \$10.1 million (favourable) represents 3.2% of the beginning balance. The nominal unpaid indemnity only claims liability balance for the FARM at December 31, 2017 is projected to be \$289.3 million and changes of +/-5% of this balance (\$14.5 million) would not be unusual (see table at the top of the next page for changes that occurred during the last 3 calendar years). The projected *nominal*⁴ claims development provision for adverse

³See the December 2016 Actuarial Highlights claims liability table found on page 8 at \$233.6 million in case reserves plus \$82.3 million in nominal IBNR.

⁴Claims development PfADs are displayed in Exhibit C on a discounted basis, whereas the values here are presented on a nominal basis to remove the impact of varying discount rates. The discount amounts associated with the claims development PfADs in Exhibit C are \$0.7 million for calendar year 2016 and \$0.6 million for calendar year 2017.

deviation (PfAD) is \$33.1 million. The projected nominal unpaid indemnity balance at December 31, 2018 (not shown in the table below) is \$278.7 million (*nominal* claims development PfAD of \$32.0 million). As evident in the table below (column [1]) and the projected unpaid indemnity balance for December 31, 2018 (\$278.7 million), the nominal indemnity liability continues to decrease overall, reflecting the general decline in the FARM volumes.

FARM PAYS' Ultimate Changes vs Beginning Balances (nominal, indemnity only)

Cal Yr	nominal unpaid indemnity claims liability (\$ millions)				
	nominal beginning amounts			chg in PAYS' ultimates	
	unpaid indemnity	PfAD for dev'l	MfAD for dev'l	amount	% beginning unpaid
	[1]	[2]	[3]	[4]	[5]
	mthly calc	mthly calc	=[2]/[1]	mthly calc	=[4]/[1]
actuals					
2014	360.4	40.8	11.3%	5.2	1.4%
2015	349.3	40.2	11.5%	(15.1)	(4.3%)
2016	334.8	38.1	11.4%	(2.4)	(0.7%)
projections					
2017	316.0	35.6	11.3%	(9.8)	(3.1%)
2018	289.3	33.1	11.4%	-	-

In addition to changes in estimates of ultimate discussed above, changes in yield curves used to determine the discount rates used in our projections are subject to change. For example, the **Oct 27 2016 Outlook** used a discount rate of 0.69% whereas with the **Mar 31 2017 Projection** we are now using 1.17% (i.e. this is the Dec 31, 2016 valuation discount rate). However, the *change* in the selected discount rate with the Dec 31, 2016 valuation does not have a direct impact on the 2018 projection. As the change occurs in calendar year **2017**, both the beginning and ending claims liabilities for calendar year **2018** are adjusted, so the impact is effectively nullified (that is, a change in discount rate has a significant impact only when it is implemented). The same is true for margin changes (the impact of any changes is significant only when implemented).

The projected Dec 31, 2018 **claims liability** discount amount is \$3.7 million for indemnity only (an additional \$0.3 million of discount is estimated for claims fees and allowed expense claims liabilities), with an associated interest rate PfAD of \$0.7 million (indemnity only; \$0.1 million for claims fees and allowed expenses), indicating the net discount impact of approximately \$3.7 million – moving this to \$0 could be considered a “worst case” scenario⁵ in relation to adverse changes in the yield curves.

Key Ratios associated with our calendar year **2018** projections are presented in the table at the top of the next page, including the Combined Operating Ratios (COR) for the two calendar year **2017**

⁵That is, the “worst case” scenario would be if the discount rate moves to 0% - we assume at this level the margin would be moved to 0 as well. In addition to the net discount impact indicated, there would also be an adverse movement in the claims development provision for adverse deviation, as this provision is also carried on a “net present value” or “discounted” basis.

We did consider whether the Canadian risk-free yield curve would move into negative territory (i.e. that the “worst case” scenario would involve a negative discount rate, rather than a 0 discount rate). While this is *possible*, we do not believe it is *plausible* within the next 18-21 months, given the current economic environment in Canada.

projections.

Projection Summary – Calendar Year 2018 – Key Ratios

Calendar Year 2018 Projections (Key Ratios)			
All Jurisdictions	Private Passenger	Non-Private Passenger	TOTAL
Claims Incurred Ratios (% EP)			
Prior Accident Years	(4.2%)	(4.0%)	(4.1%)
Current Accident Year	76.5%	70.4%	72.8%
Total Claims Incurred	72.3%	66.4%	68.7%
Expense Ratios			
General Expenses (% WP)	21.3%	19.1%	20.0%
Chg in Prem. Def / (DPAC) (% EP)	0.6%	0.1%	0.3%
Underwriting Expenses (% EP)	21.8%	19.2%	20.2%
Administrative Expense (% EP)	2.5%	2.5%	2.5%
U/Wing & Admin Exp (% EP)	24.3%	21.7%	22.7%
2018 Combined Operating Ratio (% EP)	96.6%	88.1%	91.4%
attributed to PAYS:	(4.2%)	(4.0%)	(4.1%)
attributed to CAY:	100.8%	92.1%	95.5%
2017 Combined Operating Ratio			
Oct 27 2016 Outlook	94.8%	89.1%	91.4%
attributed to PAYS:	(4.7%)	(4.5%)	(4.6%)
attributed to CAY:	99.5%	93.6%	96.0%
Mar 31, 2017 Projection	80.8%	80.1%	80.4%
attributed to PAYS:	(19.6%)	(11.8%)	(14.9%)
attributed to CAY:	100.4%	91.9%	95.3%

For details, please refer to Exhibits B-1 through B-3. Detailed information regarding the projections and associated assumptions for calendar year **2018** are discussed in section 3. In particular, premium projections are discussed in section 3.1 and claims projections are discussed in section 3.2.

Our projections of the number of vehicles written are based on management’s view of writings, taking into account recent volume changes, rate changes, and anticipated policyholder and member company behaviours in reaction to rate increases. However, FARM volumes can change rapidly in a short period of time, as we have seen in the past. The table at the top of the next page shows the FARM private passenger market share at March 2017 (rolling twelve month basis) compared with the most recent peak levels.

FARM

March 2017

Market Share - Developed by Month (Non-cumulative)

Written Private Passenger Vehicles (Excluding Farmers)

Province	February 2017	March 2017			Recent Peak		
	Market Share	Written Vehicle Count	Market Share	Change	Written Vehicle Count	Mth. / Yr.	Market Share
Alberta	0.1%	1,962	0.1%	0.0	74,658	Sept. 2004	4.2%
Nova Scotia	0.7%	3,887	0.7%	0.0	37,157	Sept. 2004	7.9%
New Brunswick	1.5%	7,291	1.5%	0.0	25,327	April 2003	6.8%
Newfoundland & Labrador	3.2%	10,455	3.2%	0.0	17,569	Sept. 2003	8.0%
Prince Edward Island	1.6%	1,503	1.6%	0.0	6,307	April 2004	8.4%
Ontario	0.0%	2,020	0.0%	0.0	226,108	March 2004	3.8%
Nunavut	9.2%	258	8.6%	-0.6	1,113	Dec 2008	50.0%
N.W.T	12.3%	2,425	12.1%	-0.2	4,844	Nov 2005	32.7%
Yukon	0.8%	216	0.8%	0.0	1,416	Jun 2005	7.3%

* February 2017 market share percentages may have been adjusted based on revised figures received from Actuarial Dept.

- Market Share based on 2015 Industry Data (AIX - AUTO1005/1010)

- Vehicle Count based on report from Data Analyst of Actuarial Dept. (Rolling 12 Months)

Net cash flows from operations for the FARM are projected to be an overall inflow of \$0.3 million for calendar year **2018** as presented in detail in section 3.7. Lower projected claim payments and cash expenses are the main driver of the \$0.7 million difference between the calendar year **2018** net cash flows from operations projection and the overall net outflow of \$0.4 million calendar year **2017** of cash from operations projection for the Outlook posted Oct 27, 2016 (the updated projection for 2017 reflects premium and claims payments updates).

Periodically, FA initiates cash transactions with its members in order to maintain an operating cash balance viewed as appropriate by management. Cash calls since 2015 are summarized below (excluding cash transfers that are for re-balancing among members, but that do not result in an increase or decrease in cash held directly by the FARM):

Nov 2014 \$15 million (call, collected by Feb 2015)

Jul 2015 \$10 million (disbursement, released by Oct 2015)

As our current 2018 FARM calendar year projection indicates close to neutral cash flows, we do not anticipate cash calls during 2018 (although there will be regular re-balancing among members at the jurisdiction, business segment, and accident year level, usually aligned with valuations, as per usual practice). However, this depends on the accuracy of our projections, particularly in relation to written premium and claims payments. The table at the top of the next page summarizes FARM written premium and claims (indemnity) payments over the last 6 calendar years.

FARM Written Premium and Claims (indemnity only) Payments by Share Year

\$millions	Share (i.e. Calendar) Year					
	2016	2015	2014	2013	2012	2011
written premium	171.0	189.9	202.2	216.5	216.5	240.0
chg:	(18.9)	(12.3)	(14.3)	-	(23.5)	
% chg:	(10.0%)	(6.1%)	(6.6%)	-	(9.8%)	
paid claims (indemnity)	122.3	114.6	135.0	137.0	156.5	175.1
chg:	7.7	(20.4)	(2.0)	(19.5)	(18.6)	
% chg:	6.7%	(15.1%)	(1.5%)	(12.5%)	(10.6%)	
% WP used in pd indem	71.5%	60.3%	66.8%	63.3%	72.3%	73.0%

FARM volumes have been declining significantly (a good thing), with calendar year written premium down on average \$15 million per year over the last 5 years, but we are projecting 2018 to be unchanged from 2017 (itself being projected at up \$10 million from 2016). Should premium volume prove lower (all else equal), this would result in an unfavourable cash flow of approximately 75 cents on the dollar (much of the cash expense is variable with premium and so a reduction in premium would also reduce cash expense outflow).

The other major factor related to cash flows is the timing of claims payments. Payments have been decreasing on average by \$11 million per year over the last 5 years, but 2016 was actually higher than 2015, so that 2016 was the first year in 5 that saw indemnity payments actually increase. We are projecting 2017 and 2018 in line with 2015.

As discussed in section 3.7, a combination of declining premium and/or increase in claims payments that impact our cash flow projection by \$10 million or more would likely trigger a member cash call during **2018**. In the longer term (i.e. beyond 2018), assuming the FARM volumes remain at or below current levels, cash calls are likely to be required to fund older accident year claims settlements, and cash calls of \$10 to \$30 million are likely.

Projections for Calendar Year 2017

As indicated in the table at the top of the next page, there have been changes both to earned premium and the Combined Operating Ratios (COR) between the ***Oct 27 2016 Outlook*** and the ***Mar 31 2017 Projection***, the latter of which includes the implementation of the 2016 Q3 & Q4 valuations, with the changes in operating result largely driven by the impact of the updated valuations on CORs.

Calendar Year 2017 Oct 27 2016 Outlook vs updated Mar 31 2017 Projection

\$000s	Outlook Posted October 27, 2016			Updated Year-end Projection		
	Earned Premium	Operating Result	COR	Earned Premium	Operating Result	COR
Ontario	38,460	6,833	82.5%	38,874	17,135	56.1%
Alberta	59,144	7,013	88.3%	54,668	10,311	81.2%
Newfoundland & Labrador	30,471	(2,698)	109.0%	29,289	(1,646)	105.7%
New Brunswick	20,657	1,929	90.8%	20,649	2,010	90.4%
Nova Scotia	18,087	175	99.2%	17,985	2,310	87.2%
Prince Edward Island	4,954	825	83.5%	4,755	734	84.6%
Yukon	1,954	228	88.5%	1,803	559	69.1%
Northwest Territories	4,584	1,055	77.1%	4,604	2,292	50.3%
Nunavut	1,332	439	67.2%	1,215	536	56.0%
TOTAL	179,643	15,797	91.4%	173,842	34,239	80.4%

In the table at the top of the next page, we attributed the overall \$18.4 million operating result improvement (from \$15.8 million to \$34.2 million) to the change in earned premium (by multiplying the earned premium change by [1 – COR]), with the remaining difference attributed to the change in COR (which is driven by changes in discount rates and margins, nominal changes in prior accident year claims liabilities, current accident year loss ratios, the next future accident year loss ratio impact on premium liabilities, and expenses). Earned premium changes have had an estimated overall \$0.4 million unfavourable impact on the projected Operating Result⁶, offset by an \$18.9 million favourable change in operating result due to changes in CORs and changes in projected miscellaneous/investment income⁷.

⁶In attributing changes in operating result to changes in earned premium and changes in COR, we assume that earned premium reductions are due to reductions in exposures (i.e. vehicles insured) – as the 2017 Final Outlook had a COR of 91.4%, there was an implied operating surplus associated with insured vehicles, so a reduction in earned premium (i.e. reduction in earned vehicle count) would result in a reduction in operating result under the assumption that the COR has not changed. Any remaining change in operating result is then attributed to the change in COR and miscellaneous / investment income.

⁷Investment income reflects income on cash and cash equivalents held and invested at Facility Association to accommodate current cash flow needs. The vast majority of funds supporting the FARM are held by members. As per the FARM financial statements for fiscal year-end 2016, cash and cash equivalents were \$36 million compared with funds held by members at \$413 million (out of total assets of \$515.4 million).

Calendar Year 2017 Change Oct 27 2016 Outlook vs updated Mar 31 2017 Projection

\$000s	Total Change (Update less Outlook)			Change Attributed to Earned Premium Change		Change Attributed to misc/investment income & COR Changes	
	Earned Premium	Operating Result	COR	Earned Premium	Operating Result	Operating Result	COR
Ontario	414	10,302	(26.4%)	414	72	10,230	(26.4%)
Alberta	(4,476)	3,298	(7.1%)	(4,476)	(524)	3,822	(7.1%)
Newfoundland & Labrador	(1,182)	1,052	(3.3%)	(1,182)	106	946	(3.3%)
New Brunswick	(8)	81	(0.4%)	(8)	(1)	82	(0.4%)
Nova Scotia	(102)	2,135	(12.0%)	(102)	(1)	2,136	(12.0%)
Prince Edward Island	(199)	(91)	1.1%	(199)	(33)	(58)	1.1%
Yukon	(151)	331	(19.4%)	(151)	(17)	348	(19.4%)
Northwest Territories	20	1,237	(26.8%)	20	5	1,232	(26.8%)
Nunavut	(117)	97	(11.2%)	(117)	(38)	135	(11.2%)
TOTAL	(5,801)	18,442	(11.0%)	(5,801)	(431)	18,873	(11.0%)

The key drivers of changes in COR are changes in selected ultimate loss ratios and the discount rate, updated with each valuation⁸. More information on the results of valuations and the associated impacts are available in the Actuarial Highlights for Oct 2016 (implementation of the 2016 Q3 valuation), and Mar 2017 (implementation of the 2016 Q4 valuation).

Of the \$18.9 million improvement in operating result attributed to COR changes and changes in miscellaneous/investment income, all of the change was driven by the former. The main driver of the 11.0 percentage point decrease in COR is the 11.2 percentage point decrease in incurred claims ratio (on an “actuarial present value” basis) as shown in the table below. As evident in that table, the prior accident years’ impacts have generally been more favourable than expected, and the current accident year has been better than expected (although 4 of 9 jurisdictions show deteriorations).

Calendar Year 2017 Oct 27 2016 Outlook Loss Ratios vs updated Mar 31 2017 Projection

2017 Calendar Year FARM Jurisdiction	Claims Incurred Ratio			Current Accident Year LR			Prior Accident Year LR		
	Mar 31 2017 Projection	Oct 27 2016 Outlook	point chg	Mar 31 2017 Projection	Oct 27 2016 Outlook	point chg	Mar 31 2017 Projection	Oct 27 2016 Outlook	point chg
Ontario	36.1	62.8	(26.7)	69.2	70.1	(0.9)	(33.1)	(7.3)	(25.8)
Alberta	58.3	65.7	(7.4)	66.8	69.3	(2.5)	(8.5)	(3.6)	(4.9)
NFLD & Labrador	81.1	84.0	(2.9)	89.2	88.5	0.7	(8.1)	(4.5)	(3.6)
New Brunswick	66.0	67.0	(1.0)	71.5	70.7	0.8	(5.5)	(3.7)	(1.8)
Nova Scotia	60.8	73.2	(12.4)	77.0	76.7	0.3	(16.2)	(3.5)	(12.7)
Prince Edward Is.	58.4	58.1	0.3	60.7	61.9	(1.2)	(2.3)	(3.8)	1.5
Yukon	45.2	65.4	(20.2)	67.3	69.8	(2.5)	(22.1)	(4.4)	(17.7)
Northwest Terr.	25.8	52.8	(27.0)	51.8	55.7	(3.9)	(26.0)	(2.9)	(23.1)
Nunavut	31.5	44.4	(12.9)	47.7	46.6	1.1	(16.2)	(2.2)	(14.0)
TOTAL	57.2	68.4	(11.2)	72.0	72.9	(0.9)	(14.8)	(4.5)	(10.3)

Again, the ratios in the above table include actuarial present value adjustments, so changes to discount rates and margins (blended rate) have also had impacts that are included in the changes in

⁸Changes to selected margins for adverse deviation at a valuation would also have an impact on the results – however, selected margins do not typically change with each valuation.

those claims ratios.

In particular, the **Oct 27 2016 Outlook** discount rate was 0.69% compared with 1.17% used in the **Mar 31 2017 Projection** (the investment return margin for adverse deviation was left unchanged at 25 basis points). Discount rate changes mid-year will result in an immediate adjustment when the change occurs but if we consider the overall change from 0.69% to 1.17%, it is estimated to have had an approximate favourable impact of \$4.4 million *overall*, due to a decrease in the ending unpaid claims liabilities, based on the interest rate sensitivity Table F for all jurisdictions in the March 2017 Actuarial Highlights – as shown in the table below.

Estimated Unpaid Claims Liabilities Impact from Discount Rate and associated Margin Changes (2017)

	2017 Outlook	This Outlook	Est. Impact
dsct rate	0.69%	1.17%	-\$4.4 million
margin	25 basis pts	25 basis pts	\$0.0 million
TOTAL			-\$4.4 million

Source: Estimated from Interest Rate Sensitivity Tables

A comparison of the claims incurred (including actuarial present value adjustments, as well as the impact of retroactive claims adjustments and allowed claims expenses) is provided in the table below. The current accident year change in this table shows a reduction of \$5.8 million in total. However, part of this change is due to the \$5.8 million decrease in earned premium relative to the 2017 Outlook. Had this earned premium decrease not occurred, the current accident year incurred would have shown a decrease of \$1.7 million, rather than the \$5.8 million decrease shown (applying the current accident year loss ratio changes to the **Oct 27 2016 Outlook** earned premium at the jurisdiction level). Of this \$4.1 million difference, Alberta accounts for the majority (\$3.0 million) due to its significant (\$4.5 million) decrease in projected earned premium. Obviously, earned premium projection variances do not have an impact on prior accident year claims liabilities levels.

*Calendar Year **2017** Oct 27 2016 Outlook Claims Incurred vs updated Mar 31 2017 Projection*

2017 Calendar Year	Claims Incurred \$m				Current Accident Year Claims Incurred \$m				Prior Accident Year Claims Incurred \$m		
	Mar 31 2017 Projection	Oct 27 2016 Outlook	change	% chg	Mar 31 2017 Projection	Oct 27 2016 Outlook	change	% chg	Mar 31 2017 Projection	Oct 27 2016 Outlook	change
Ontario	14.0	24.1	(10.1)	(41.9)	26.9	27.0	(0.0)	(0.1)	(12.9)	(2.8)	(10.1)
Alberta	31.9	38.8	(7.0)	(18.0)	36.5	41.0	(4.5)	(10.9)	(4.7)	(2.2)	(2.5)
NFLD & Labrador	23.8	25.6	(1.8)	(7.1)	26.1	27.0	(0.8)	(3.1)	(2.4)	(1.4)	(1.0)
New Brunswick	13.6	13.8	(0.2)	(1.6)	14.8	14.6	0.2	1.1	(1.2)	(0.8)	(0.4)
Nova Scotia	10.9	13.2	(2.3)	(17.4)	13.8	13.9	(0.0)	(0.2)	(2.9)	(0.6)	(2.3)
Prince Edward Is.	2.8	2.9	(0.1)	(3.5)	2.9	3.1	(0.2)	(6.0)	(0.1)	(0.2)	0.1
Yukon	0.8	1.3	(0.5)	(36.2)	1.2	1.4	(0.2)	(11.1)	(0.4)	(0.1)	(0.3)
Northwest Terr.	1.2	2.4	(1.2)	(51.0)	2.4	2.6	(0.2)	(6.5)	(1.2)	(0.1)	(1.1)
Nunavut	0.4	0.6	(0.2)	(35.4)	0.6	0.6	(0.0)	(6.8)	(0.2)	(0.0)	(0.2)
TOTAL	99.4	122.8	(23.4)	(19.1)	125.2	131.0	(5.8)	(4.4)	(25.9)	(8.2)	(17.7)

chg using Oct 27 2016 Outlook EP: (1.7)

2.3 Outlook Purpose and Projection Uncertainty

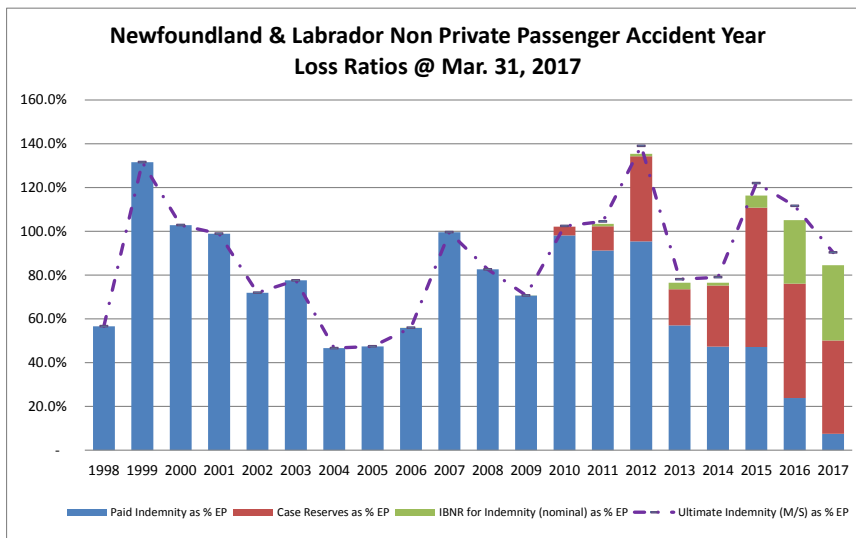
This Outlook was prepared for the Member companies of Facility Association to assist Member companies in estimating their share of FARM results for planning purposes. It is not intended, nor is it necessarily suitable, for any other purpose.

Unless specifically noted in this document, no explicit provision has been made for causes of loss which are not already reflected in the historical data, nor for otherwise unforeseen changes to the legal or economic environment in which claims are settled, including changes in the interpretation of existing legislation or regulation on matters currently before the courts.

This Outlook is a projection of future events based on models and assumptions believed to be realistic simplifications of the real world, but as simplifications, inherent uncertainty exists in relation to how actual events will unfold relative to these projections. **The user of this Outlook should recognize that future Operating Results may deviate from these projections by material amounts.**

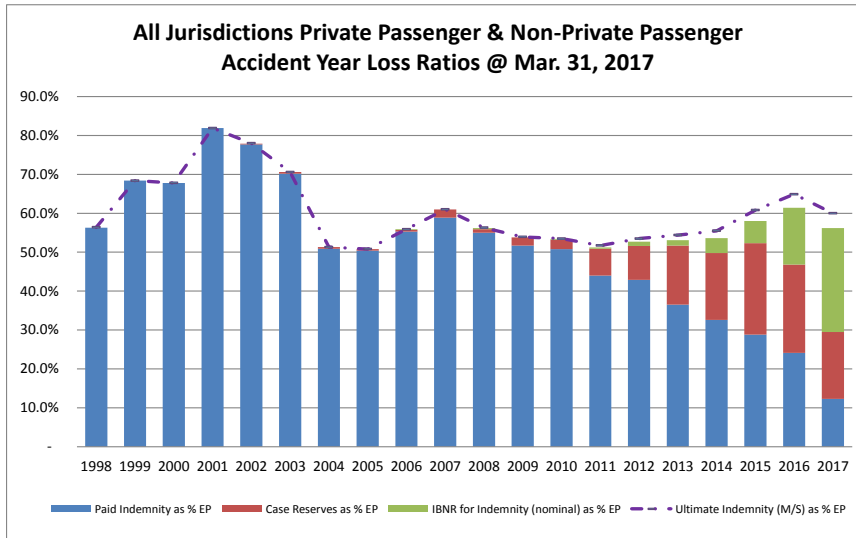
The historical loss ratios for Newfoundland & Labrador Non-Private Passenger vehicles provide a good example of the potential volatility of the FARM results within a jurisdiction / business segment, and the speed with which loss ratios can deteriorate or improve between accident years.

FARM Newfoundland & Labrador Non-Passenger Indemnity Loss Ratios



While each individual member is exposed to differing shares of FARM results at the jurisdiction, business segment, and accident year level, the loss ratios of the FARM overall have benefited from diversification across jurisdictions and rating classes to the extent that the FARM loss ratio volatility over time is lower than that at the jurisdiction / business segment level (see chart at the top of the next page).

FARM All Jurisdictions, All Business Segments Ultimate Indemnity Loss Ratios



Our annual rate review cycle encompasses the six provinces (the northern territories are reviewed tri-annually), all rating classes, and includes individually-rated vs fleet-rated experience where such is warranted (generally on volume). In general, under the current investment environment (we assume risk-free investment yields) target indemnity only loss ratios fall in the range of 50% to 55%. This suggests accident years 2011 to 2016 inclusive (weighted average indemnity loss ratio at 54.7%), have performed overall slightly worse than target, but still generated a positive return on capital.

For our projections, we have only included the impact of approved rate changes available at the time of the projections. We have not included the impact on the projections of “future” approved rate changes, notwithstanding that at the time of writing, FA had 8 rate filings with decisions provided too late for inclusion in the projections (2 in ON, 3 in NB, 3 in PE), and a further 7 rate filings submissions made to regulators for non-zero rate changes where regulatory approvals have not yet been issued (4 in NL, 1 in NB, 2 in NS). Further, it is anticipated that rate submissions will be made in those jurisdictions where warranted during the latter part of 2017 and into 2018. However, as noted, potential outcomes of such submissions have not been included in our projections.

As previously discussed, we have assumed no prior accident year development in our projection for calendar year 2018. This assumes that the unpaid claims liabilities as booked at Dec 31, 2017 will be the exact provision as needed throughout calendar year 2018 for accident years 2017 and prior. As the provision that will be booked at Dec 31, 2017 will be an estimate and that estimate will be updated as valuations are conducted throughout 2018, non-zero prior accident year development may arise.

Projections for cash flows from operations are dependent upon other projections and assumptions which may not materialize as projected, creating uncertainty around the projected net cash flows from operations. The most significant assumptions relate to written premium volumes (see sections 3.1) and claims payments (claims projections are discussed in sections 3.2 through 3.4) during calendar year 2018, both of which are subject to considerable projection uncertainty.

2.4 Definitions and Presentation

Accounting Periods

- Calendar Year 2016: actual results for 12 months ending Dec 31, 2016.
- Calendar Year 2017: actual results for 3 months ending Mar 31, 2017, plus projected results for 9 months ending Dec 31, 2017.
- Calendar Year 2018: projected results for 12 months ending Dec 31, 2018.

Definitions

- Claim Liabilities are made up of case reserves, provision for Incurred but not Recorded claims amounts (“IBNR”), related provisions for retroactive claims service fees and for allowed claims expenses (the latter two provisions collectively referred to as “Retro Claims Expense”⁹), and applicable actuarial present value adjustments.
- Premium Liabilities are made up of unearned premiums, Premium Deficiency Reserves or Deferred Policy Acquisition Costs (“DPAC”) as applicable, and applicable actuarial present value adjustments.
- Policy Liabilities are comprised of claim liabilities and premium liabilities.
- Actuarial Present Value Adjustments include the recognition of the time value of money and includes explicit provisions for adverse deviations (“PFAD”) as applicable.
- Actuarial Provisions encompass all claim liabilities other than case reserves, and all premium liabilities other than unearned premiums. As such, they include IBNR, provisions for Retro Claims Expense, and premium deficiency/(DPAC) as applicable.
- (Calendar Period) Claims Incurred are computed as the sum of calendar period paid claims amounts, calendar period paid claims fees, and calendar period changes in claim liabilities. Claims fees paid to Servicing Carriers include an amount determined in relation to earned premium, retroactive adjustments to prior fees paid, and payments for reimbursement of specific allowed claims expenses (more detail is available in the Facility Association “Claims Guide”).

Data Sources & Related Valuations

- Actual results are taken from Participation Reports up to and including the month of Mar 2017. The Mar 2017 Participation Report reflects assumptions derived from the valuation as at Dec 31, 2016 as described in the Mar 2017 Actuarial Highlights.
- Projected results for the months of Apr and May 2017 are the projections reflected in the

⁹Servicing 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 Facility Association’s “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 “Litigation” section). These latter expenses are directly reimbursable upon final settlement of the claim. We refer to these fees/expenses collectively as “claims fees and allowed claims expense” or alternately as “retro claims expenses”.

Mar 2017 Participation Reports, and are based on assumptions derived for this purpose from the valuation as at Dec 31, 2016, and other information.

- Projected results for the months of Jun 2017 through Dec 2018 inclusive are also based on assumptions derived for this purpose from the valuation as at Dec 31, 2016, and other information, extended to encompass calendar year 2018.

Format

The Outlook presentation of Operating Results is consistent with the “Summary of Operations” exhibits attached to monthly bulletins to Members.

- “Claims Incurred” are divided between amounts pertaining to prior accident years, and those pertaining to the current accident year.
- “Claims Incurred” are further divided between nominal (i.e. “undiscounted”) incurred claims, and calendar period changes in the effect of actuarial present value adjustments (i.e. “discounting”). As our claims liabilities are estimated on a “best estimate” basis, there are no nominal incurred amounts projected for prior accident years. The effect of actuarial present value adjustments include the unwinding or release of the actuarial present value adjustments as claims payments are made, the addition of the actuarial present value adjustments pertaining to increases in claim liabilities, and changes in discount rate and margins for adverse deviations, if any.
- “Change in Premium Deficiency / (Deferred Policy Acquisition Costs)” is divided between the change in the nominal (or “undiscounted”) premium deficiency / (deferred policy acquisition costs), and calendar period changes in the effect of actuarial present value adjustments (“discounting”) akin to those in relation to claims liabilities.
- The “Net Result from Operations” excludes costs incurred directly by Members (e.g. premium tax, health levies, association dues and cost of capital), and any investment income that Member companies might earn on assets held by Member companies in support of their FARM liabilities.
- “Ratios” are expressed relative to calendar period earned premiums, unless otherwise indicated.

3. Basis for Projections

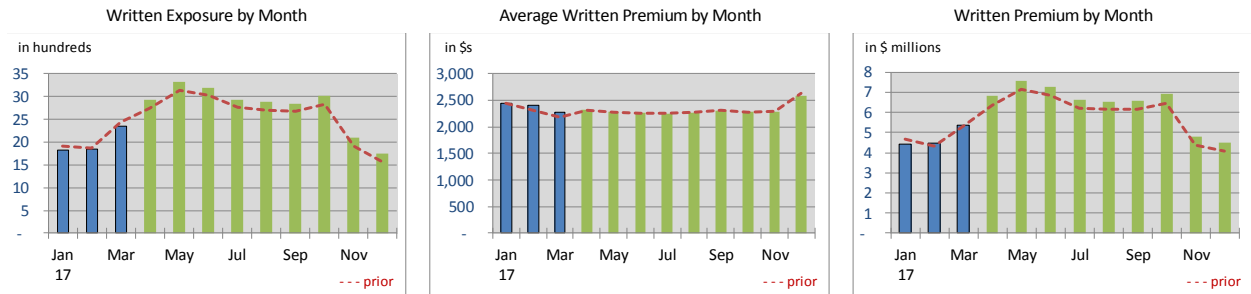
The commentary that follows describes the basis for projecting premiums, claims and claims expense amounts and other expenses, and provides summaries of key assumptions. Exhibit A in Section 4 provides additional detail regarding these assumptions.

3.1 Premiums

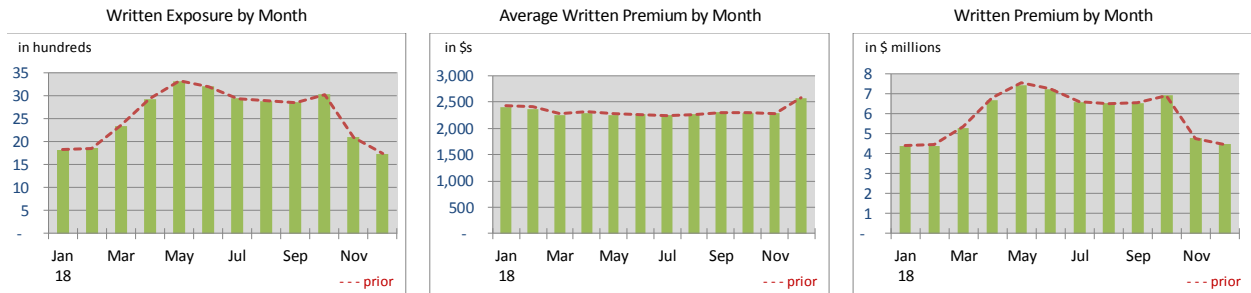
A model has been established to project by month the number of (annualized) vehicles underwritten and to project the associated average written premium (with projected premium being the product of these two). The vehicle counts used are derived from transaction histories and are part of the FARM operational data. Earned premium was estimated from written.

Summaries of the projections are provided for 2017 and 2018 in the tables that follow. In the charts, blue columns are actuals and green are projections; the dotted red line represents the values from the prior year. *Please take careful note of the scale in each chart, as we modify the scale to best fit the information being presented.*

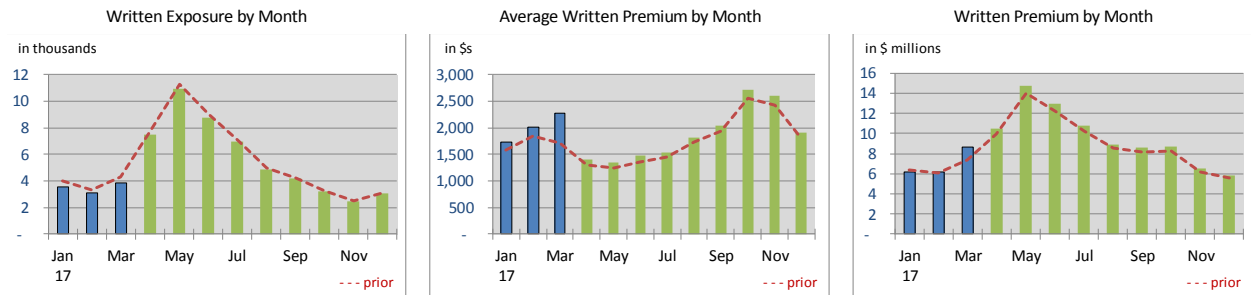
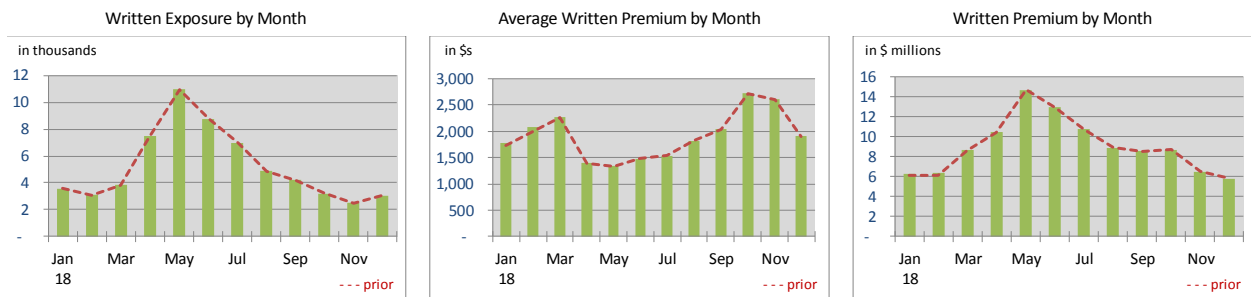
Private Passenger 2017 projected count **30,963**; projected premium: **\$71.7 million**



Private Passenger 2018 projected count **30,963**; projected premium: **\$71.3 million**



As indicated above, we are projecting no change in private passenger counts during 2018 over 2017 (although our projection for 2017 reflects a projected increase of 4.8% over 2016).

Non-Private Passenger 2017
projected count 62,455; projected premium: \$108.3 million

Non-Private Passenger 2018
projected count 62,455; projected premium: \$108.7 million


As per above, we are not projecting any changes in non-private passenger vehicle counts during 2018 over 2017, although the 2017 projection does reflect a 3.5% decrease in count relative to 2016.

The seasonality exhibited for non-private passenger mainly reflects FA’s motorcycle writings, with almost 90% of motorcycles written during the 5-month April to August period. As indicated in the table at the top of the next page, motorcycle counts account for a significant portion (39%) of FA’s non-private passenger count (although only accounting for 12% of non-private passenger premium).

FARM Vehicle Counts and Premium Levels by Rating Class – 12-month rolling to Mar 31, 2017

Jurisdiction	Business Segment	FA Minor Rating Class Desc	2017 rolling 12 to month 03		
			Annualize Vehicle Count	Sum of Written Premium	AWP
Grand Total	PPV	Private Passenger (x Farmers)	29,343	68,009,123	2,318
		Farmer	2	1,628	1,085
	PPV Total		29,344	68,010,751	2,318
(includes fleet rated PPV)	non-PPV	Private Passenger (x Farmers)	541	393,504	727
		Commercial	10,628	34,393,321	3,236
		Interurban	1,553	12,446,514	8,015
		Public Bus	1,518	6,463,913	4,258
		Private Bus & Misc Public	1,365	4,241,887	3,108
		School Bus	971	1,352,695	1,393
		Hotel & Country Club Bus	457	914,886	2,001
		Taxi	4,934	18,180,457	3,685
		Funeral	(2)	(37,372)	16,610
		Ambulance	35	141,579	4,026
		Motorcycle	24,735	12,326,517	498
		All Terrain Vehicle	11,510	3,915,728	340
		Snow Vehicle	5,106	1,807,836	354
		Antique	0	409	1,636
		Motor Home	182	359,300	1,969
		Trailer Home	-	2,155	2,155
		Garage	-	6,874,212	6,874,212
		Non-Owned	-	282,624	282,624
		Drivers Policy	65	74,439	1,151
	non-PPV Total		63,598	104,134,604	1,637
Grand Total	TOTAL		92,943	172,145,355	1,852

Monthly earned premium was projected based on the known terms of the current unearned premium and from projected written based on the estimated average terms of policies.

The next table compares the written and earned premium projections for calendar year 2018 in this Outlook compared with the projections for calendar year 2017.

Projection Summary – Calendar Year 2018 – Premium

Premium Comparisons (Amounts in \$000s)			
All Jurisdictions	Private Passenger	Non-Private Passenger	TOTAL
2018 Written Premium	71,299	108,716	180,015
2017 Written Premium			
2017 Oct 27 2016 Outlook	74,898	108,992	183,890
2017 Mar 31, 2017 Projection	71,749	108,290	180,039
2018 Earned Premium	71,510	108,878	180,388
2017 Earned Premium			
2017 Oct 27 2016 Outlook	71,847	107,796	179,643
2017 Mar 31, 2017 Projection	68,916	104,926	173,842

It is possible for FARM volumes to grow quickly and that the projections above prove to be well off

the mark. For example, earned premium increased from \$308 million for accident year 2002 to \$841 million for accident year 2003 and to over \$1 billion for accident year 2004. In Alberta, restrictions on access to the FARM for private passenger vehicles will act as a limiter in that province, but otherwise, swift and significant volume increases may occur.

Jurisdictions where management believe availability pressures might build in the near to medium term include Ontario, Newfoundland & Labrador, New Brunswick and Nova Scotia. In Ontario, reforms announced / implemented throughout 2015 and 2016 have resulted in a regulatory view that the reforms will have a meaningful impact on reducing claims costs and that those reductions should be reflected in lower rates for consumers. In that context, it is possible that the reforms and the associated rate review processes creates sufficient uncertainty to alter insurer appetite for automobile insurance for a period, potentially resulting in availability issues and increased FARM volumes. This projection does not anticipate this outcome, but users should bear this in mind in assessing this projection and uncertainties surrounding it.

In Newfoundland & Labrador, New Brunswick, and Nova Scotia, it appears that approved rate increases are not keeping pace with rising industry claims costs. While our projection has not made any explicit adjustments for this for New Brunswick and Nova Scotia, we have made an explicit adjustment for this in Newfoundland & Labrador, where we have projected a 2017 private passenger count increase of approximately 16% due to anticipated voluntary market contraction.

If a sudden written premium volume increase occurs during 2018 over and above our projections, the actual impact on the operating results will depend upon the timing of the increase to some extent, with some of the writings flowing to earned premium, with the remainder flowing to the unearned premium liability, to be earned then in calendar year 2019.

3.2 Claims Amounts (for Indemnity)

The most recent valuation of the policy liabilities of the FARM was based on FARM experience as at Dec 31, 2016. As per the Facility Association's regular process, key elements of the valuations were reviewed with the Actuarial Committee, and presented to, and discussed with, the Audit & Risk Committee. The results were reflected in the Mar 2017 Participation Reports and discussed in the associated Actuarial Highlights.

For accident year **2018**, the estimated nominal loss ratios for indemnity amounts reflected in the FARM Outlook are "a priori" or "expected" loss ratios modelled based on the Sep 30, 2016¹⁰ valuation, including estimates of causes and impacts of historical changes in average earned premium (particularly that attributed to rate changes), and historical claims amount levels (including loss cost trends and product reforms). It is important to note that **2018** is built from the **2017** a priori loss ratio – **not** from the current selected ultimate loss ratio for accident year **2017**. The a priori loss ratios are estimated at the accident half and coverage level, and summed to arrive at the accident year and all coverages level. A priori loss ratios are summarized in the Appendix. The "ep factor" is the adjustment applied for drivers of changes in earned premium per exposure (rate change, rate group drift, product reform etc.) while "clms factor" accounts for changes in loss cost levels.

¹⁰The a priori loss ratios are derived at the start of the valuation process, prior to updating for current actual results. The ultimates used for this process are based on the most recent completed valuations. Hence, the a priori loss ratios used for the Dec 31, 2016 valuation reflect selections of ultimate from the Sep 30, 2016 valuation.

Summarized assumptions for the a priori loss ratios are available in Exhibit A.

Please note that in determining the rate change impact for the earned premium factors, only rate changes that have been approved by applicable regulatory bodies have been included. In particular, we have NOT made any adjustments in our projections to take into account actual or potential outcomes related to:

- rate filings recently approved by not in time for inclusion in the projection process;
- currently submitted, but not yet approved, rate filings; or
- future rate filings / changes.

(In contrast, we do take into account future regulatory reform impacts on claims to the degree we have estimated for such in our trend structure models.)

The operating results for calendar year **2017** include actual development on accident years 2017 and prior incurred claims amounts, up to and including activity in the month of Mar 2017. No further nominal development (favourable or unfavourable) is projected for the remainder of the calendar year (actuarial present value adjustments are expected to change as nominal claims liabilities are unwound with claims settlement). Similarly, no nominal prior accident year development is projected during calendar year **2018**, but actuarial present value adjustment changes are projected to occur as claims liabilities are unwound. The discount rates and margins for adverse deviation are unchanged throughout the projection period.

3.3 Claims Expenses

Claims fees paid to, and certain expenses incurred by, Servicing Carriers in relation to the administration and adjudication and settlement of claims on behalf of the Facility Association are comprised of “Claims Fees” and “Excess Legal & Other Professional Fees” (we also refer to the latter as “allowed claims expenses”).

The Claims Fees in each jurisdiction are determined on a formula basis, using the (indemnity) loss ratio in that jurisdiction.

The Excess Legal & Other Professional Fees are based on the Jun 30, 2016 valuation¹¹, the results of which were fully reflected initially in the Aug 2016 Participation Report.

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 to the indemnity only portion of the claims and premium liabilities. Specifically, we had NOT historically applied actuarial present value adjustments to policy liabilities related to Claims Fees and Excess Legal & Other Professional Fees, having assessed and deemed actuarial present value adjustments related to these policy liabilities as being not material.

FA management reviewed this practice with the FA Appointed Actuary and various committees (specifically, the Actuarial Committee, Accounting Committee, and Audit & Risk Committee) and the practice was changed to include actuarial present value adjustments for Excess Legal & Other

¹¹Assumptions for these fees are reviewed annually with the June 30 valuations.

Professional Fees as part of the Sep 30, 2016 FARM valuation. Details were provided with the FARM 2016 Q3 Actuarial Valuation Highlights and FARM Oct 2016 Participation Report Bulletin and the associated Monthly Actuarial Highlights.

While the size of the balance sheet was impacted by this action, it has minimal impact on the operating results, other than the one-time impact when initially introduced in calendar year 2016. This was not included as part of the final 2017 Outlook posted Oct 27 2016, it is accounted for in this 2018 Preliminary Outlook (but again, has little impact on the operating results as projected).

3.4 Simulated 2018 Accident Year Nominal Claims Ratio

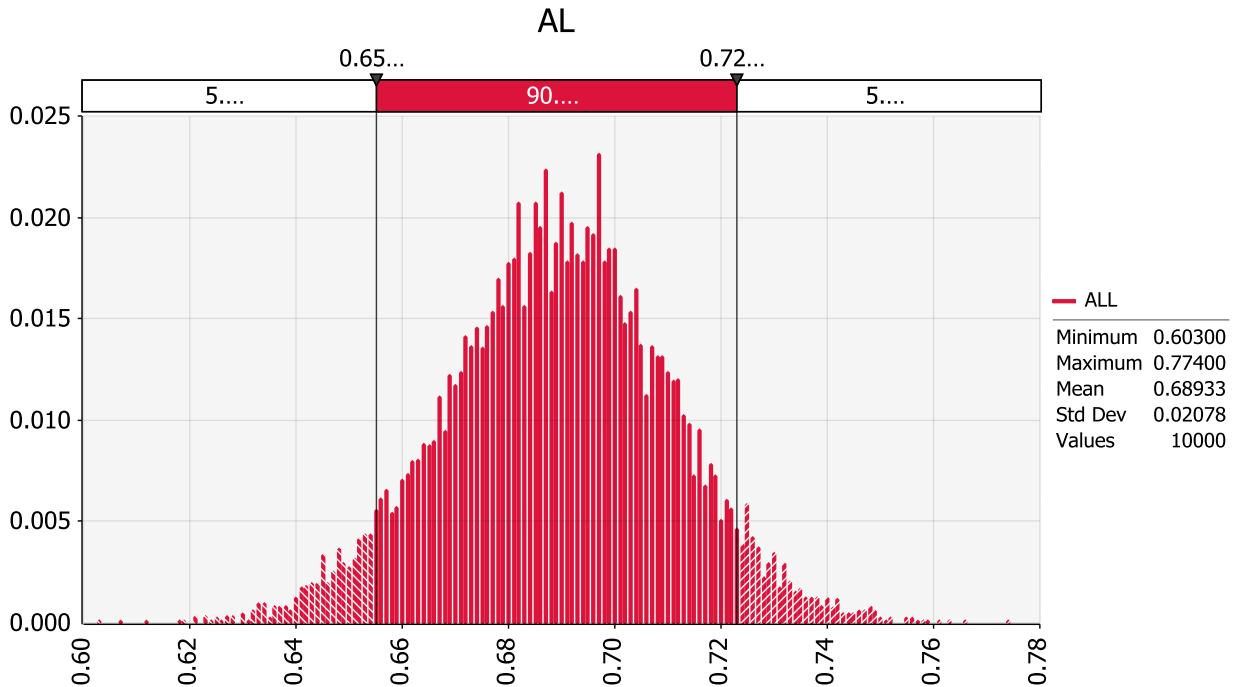
Bringing together the claims related costs discussed in sections 3.2 and 3.3, for “normal course” for accident year **2018**, assuming no correlation among jurisdictions and business segments (i.e. private passenger vs non-private passenger), the overall nominal claims¹² ratio (**including indemnity, Servicing Carrier claims fees, and allowed claims expenses**) at 68.9% could be modelled using a normal distribution with a mean 68.9% and standard deviation of 3.6%¹³, based on our a priori loss ratios (indemnity only) by accident half for 2006-2015 put on-level, and smoothed. This would put the 95th percentile claims ratio at 76.1% (again, under “normal course” assumptions – this would not take into account “stress” events like the rapid claims ratio increases experienced in Ontario from 2008 to 2010). Further, this assumes that the “68.9%” as a baseline a priori estimate will prove to be the “best estimate” claims ratio for accident year **2018** – this estimate may change over time due to modelling differences, changes in historical loss ratios etc. that are used to derive this estimate.

The claims ratio modelling result for the total jurisdictions, all business segments for accident year **2018** is presented at the top of the next page based on latin hypercube sampling (10,000 samples) using @risk simulation software.

¹²We use “claims ratio” (where claims include indemnity, Servicing Carrier claims fees, and allowed claims expenses) to distinguish this ratio from the “loss ratio” which would include indemnity only. In the narrative, we will sometimes make these differences explicit. Note that in the Participation Report and the Statements of Operating Results provided for this Outlook, “claims incurred” follows this definition (i.e. includes indemnity plus fees and expenses).

¹³This standard deviation is estimated from the coefficient of variation for the on-level a priori loss ratios across all jurisdictions, adjusted to the 68.9% mean. When modelled at the individual jurisdiction and business segment level using coefficients of variations for loss ratios from the a priori loss ratio process, the total standard deviation decreased to 2.1%, again under “base line” assumptions – not “stressed” assumptions and under the assumption that results are independent. Given the difference in the modelled standard deviation of 2.1% under the independence assumption the underlying standard deviation for all the loss ratios of all jurisdictions/all business segments of 3.6%, the independence assumption is not valid (this is confirmed via a correlation review). We may, at some point in the future, incorporate correlation estimates in the process.

Projection Summary – Accident Year 2018 Nominal Claims Ratio (non-stressed, assuming independence of LRs by jurisdiction and business segment)



The above histogram of simulated results for the **2018** accident year nominal claims ratio was based on simulated (generated) claims ratios by jurisdiction and business segment assuming the base line loss ratios, associated standard deviations as presented in the next table, and the assumption of independence. It should be noted that the latter assumption does not appear to be valid, with historical experience suggesting a standard deviation for all lines closer to 3.6%, rather than the 2.1% modelled above. (While the above claims ratio includes Servicing Carrier claims fees and allowed claims adjustment expense in addition to indemnity, the “all jurisdictions, all business segments” indemnity only loss ratios shown in the chart in section 2.3 exhibited a standard deviation of 3.6% over the 2006-2015 period used in the estimation process).

Projection Summary – Accident Year 2018 Nominal Loss Ratio – Generator Assumptions

Facility Association

a priori LR's - distribution estimates

for valuation: **Dec 31, 2016**

FARM: **TOTAL**

Bus. Segment: **Private Passenger & Non-Private Passenger**

Amounts in: \$1,000s

Claims Ratios include indemnity, SC fees, and clms expenses

Projection: 2017 Preliminary Outlook		From Projection			From a priori Model		Scenario Claims	
Jurisdiction	Business Segment	EP	CAY Claims		Claims Ratio CV	estimated Claims Ratio std dev	generated claims	generated Claims Ratio
			Ratios (nominal)	CAY claims				
Ontario	Private Passenger	11,702	63.3%	7,407	5.1%	3.2%	7,407	63.3%
	Non-Private Passenger	26,993	66.3%	17,896	10.9%	7.2%	17,896	66.3%
	Total	38,695	65.4%	25,303		5.1%	25,303	65.4%
Alberta	Private Passenger	7,860	68.9%	5,416	11.6%	8.0%	5,416	68.9%
	Non-Private Passenger	49,363	63.8%	31,494	4.2%	2.7%	31,494	63.8%
	Total	57,223	64.5%	36,910		2.6%	36,910	64.5%
Newfoundland & Labrador	Private Passenger	24,132	82.1%	19,812	7.2%	5.9%	19,812	82.1%
	Non-Private Passenger	8,042	91.4%	7,350	21.7%	19.8%	7,350	91.4%
	Total	32,174	84.4%	27,162		6.7%	27,162	84.4%
New Brunswick	Private Passenger	13,188	70.1%	9,245	7.2%	5.0%	9,245	70.1%
	Non-Private Passenger	8,076	63.1%	5,096	11.9%	7.5%	5,096	63.1%
	Total	21,264	67.4%	14,341		4.2%	14,341	67.4%
Nova Scotia	Private Passenger	7,776	80.1%	6,229	20.8%	16.7%	6,229	80.1%
	Non-Private Passenger	10,740	69.5%	7,464	7.8%	5.4%	7,464	69.5%
	Total	18,516	74.0%	13,693		7.7%	13,693	74.0%
Prince Edward Island	Private Passenger	2,832	52.6%	1,490	19.2%	10.1%	1,490	52.6%
	Non-Private Passenger	1,992	64.1%	1,277	29.1%	18.7%	1,277	64.1%
	Total	4,824	57.4%	2,767		9.8%	2,767	57.4%
Yukon	Private Passenger	468	77.6%	363	51.7%	40.1%	363	77.6%
	Non-Private Passenger	1,368	63.0%	862	24.3%	15.3%	862	63.0%
	Total	1,836	66.7%	1,225		15.2%	1,225	66.7%
Northwest	Private Passenger	3,156	54.2%	1,711	18.1%	9.8%	1,711	54.2%
	Non-Private Passenger	1,488	44.6%	664	25.8%	11.5%	664	44.6%
	Total	4,644	51.1%	2,375		7.6%	2,375	51.1%
Nunavut	Private Passenger	396	37.9%	150	24.1%	9.1%	150	37.9%
	Non-Private Passenger	816	51.8%	423	34.3%	17.8%	423	51.8%
	Total	1,212	47.3%	573		12.3%	573	47.3%
ALL	Private Passenger	71,510	72.5%	51,823	-	3.1%	51,823	72.5%
	Non-Private Passenger	108,878	66.6%	72,526	-	2.7%	72,526	66.6%
	Total	180,388	68.9%	124,349		2.1%	124,349	68.9%

Please see the Appendix for a priori loss ratios (indemnity only) and associated charts by jurisdiction and business segment.

3.5 Expenses

Operating & Service Fees, Agents' Commissions, Driver Record Abstracts expenses, Bad Debts and Miscellaneous income / (expense) are all projected as percentages of written premiums, based on the

projected expense ratios for **2018**.

Calendar year **2018** changes in premium deficiency / (deferred policy acquisition costs) are estimated by applying claims ratios (for indemnity and claims expenses) and future servicing cost ratios to the starting and ending projected unearned premiums. The underlying premium deficiency / (deferred policy acquisition) ratios were derived on the basis of the expected claims ratios for accident year **2017** and **2018** as applicable, and expected future servicing costs estimated at the rate of 50% of administrative expenses. Where the sum of these ratios was less than 100% (i.e. giving rise to an asset rather than a liability), the asset value was capped on the basis of the expense allowance ratio.

Administrative Expenses for calendar year **2018** were projected as percentages of written premiums based on actual expenses-to-written premium ratios in recent years (see table immediately below).

Projection Summary – Calendar Year 2018 Expense Ratios

Expense Ratio Projections			
All Jurisdictions	Private Passenger	Non-Private Passenger	TOTAL
General Expenses (% WP)	21.3%	19.1%	20.0%
Administrative Expense (% WP)	2.5%	2.5%	2.5%

The Outlook does not reflect costs incurred directly by Member companies as a result of their compulsory participation in the FARM. Examples of such costs are premium taxes, health levies and income taxes.

3.6 Investment Income

The investment income reflected in the Outlook for calendar year **2018** represents the income expected to be earned on the portion of FARM assets that are held and invested by Facility Association. Most (82%) of the assets related to FARM business are held directly by Member companies. FARM investment income amounts are projected as flat amounts, based on recent actual reported levels.

3.7 Operating Cash Flows

Net cash flows from operations fluctuate as one would expect. Over the past 5 calendar years (see table at the top of the next page), written premium has generally declined, reducing cash inflow, although this is partially mitigated by the fact that most of the “other” cash outflows tend to move in sync with written premium (and hence have also generally declined over the last 5 years). The major cash outflow that does not move in sync with written premium is related to indemnity payments for claims, as these payments are generally for settlements on portions of policies already expired, and these payments exhibit a higher level of volatility than written premium over the period provided in the table.

FARM historical operating cash flows

\$millions	Share (i.e. Calendar) Year					
	2016	2015	2014	2013	2012	2011
written premium	171.0	189.9	202.2	216.5	216.5	240.0
chg:	(18.9)	(12.3)	(14.3)	-	(23.5)	
% chg:	(10.0%)	(6.1%)	(6.6%)	-	(9.8%)	
paid claims (indemnity)	122.3	114.6	135.0	137.0	156.5	175.1
chg:	7.7	(20.4)	(2.0)	(19.5)	(18.6)	
% chg:	6.7%	(15.1%)	(1.5%)	(12.5%)	(10.6%)	
% WP used in pd indem	71.5%	60.3%	66.8%	63.3%	72.3%	73.0%
Other						
claims fees & expenses pd	20.6	24.1	26.8	30.0	33.7	39.2
S.C. admin fees	17.7	19.8	20.9	22.6	22.5	25.7
commissions	14.4	15.7	17.1	17.9	18.1	20.0
DRAs/MVRs	3.1	3.2	3.2	3.5	3.6	3.5
Admin	5.0	5.1	4.9	4.9	4.4	5.0
investment income	0.2	0.3	0.4	0.7	0.5	0.9
TOTAL	60.6	67.6	72.5	78.2	81.8	92.5
chg:	(7.0)	(4.9)	(5.7)	(3.6)	(10.7)	
% chg:	(10.4%)	(6.8%)	(7.3%)	(4.4%)	(11.6%)	
operating cash in (out) flow	(11.9)	7.7	(5.3)	1.3	(21.8)	(27.6)

For calendar year **2018**, net cash flows from operations for the FARM are projected to be an overall inflow of \$0.3 million as presented in the table at the top of the next page. Lower projected claims payments and “other” (i.e. cash expenses) are the main drivers of the difference between the calendar year **2018** projection and the calendar year **2017** updated projection (Mar 2017). Should volumes decline during **2018** more than anticipated or indemnity payments prove higher than expected, net operating cash flows would be negatively impacted – that is, as discussed on the next page, a relatively small (0.7%) reduction in written premium relative to our projection would move the projected cash inflow to a cash outflow.

Projection Summary – Calendar Year 2018 – operating cash flows

Calendar Year 2018 Net Operating Cashflow Projections (\$000s)			
All Jurisdictions	Private Passenger	Non-Private Passenger	TOTAL
Written Premium	71,299	108,716	180,015
PAYs Paid Claims			
paid indemnity	35,144	45,982	81,126
paid Clms Fee & Allowed Clms Exp.	4,107	1,716	5,823
PAYs Paid Claims	39,251	47,698	86,949
CAYs Paid Claims			
paid indemnity	13,493	18,996	32,489
paid Clms Fee & Allowed Clms Exp.	7,958	11,924	19,882
CAYs Paid Claims	21,451	30,920	52,371
All AYs Paid Claims			
paid indemnity	48,637	64,978	113,615
paid Clms Fee & Allowed Clms Exp.	12,065	13,640	25,705
All AYs Paid Claims	60,702	78,618	139,320
"Cash" Expenses			
Operating & Service Fees	7,237	11,095	18,332
Agent's Commissions	6,873	8,251	15,124
Driver Record Abstracts	1,105	1,469	2,574
Administrative Expenses	1,783	2,721	4,504
"Cash" Expenses	16,998	23,536	40,534
Investment Income	77	101	178
2018 Net Operating Cash Flow	(6,324)	6,663	339
2017 Net Operating Cash Flow			
2017 Oct 27 2016 Outlook	(4,438)	5,471	1,033
2017 Mar 31, 2017 Projection	(6,335)	5,940	(395)

Operating cash flows are held by FA as “cash” at target levels designed to ensure liquidity of operating cash over an 8 to 12 month period. Excess cash is distributed to members or required cash provided from members throughout the year as needed. “True-ups” among members (based on jurisdiction, business segment, and accident year needs) will occur throughout the year (typically aligned with valuation implementations in the March, May, August and October Participation months) that are generally a “zero” sum transfer overall. As indicated above, the current projection for calendar year **2018** suggests that it is **not** anticipated that a “non-zero” total cash call with members would be required at some point during the calendar year. However, if a combination of written premium drop and/or increase in claims payments were to occur, a cash call may be required (the movement would need to be in the neighbourhood of \$10 million to trigger a cash call).

At the end of fiscal year 2016, the FARM members held \$414 million in funds supporting policy

liabilities of \$492 million¹⁴ against fiscal 2016 written premium of \$172 million, indicating a policy liability to written premium ratio of 286%, whereas this ratio is approximately 200% for “Auto Writers” as found in the MSA 2017 Benchmark Report. The higher FARM ratio makes sense based on its rapid volume decline over the last several years. If the benchmark ratio is more “steady state”, and if FARM volumes were to remain at around \$180 to \$200 million over the next several years, it would indicate that \$50 to \$90 million of funds held by FARM members would need to be repatriated some time likely over the period 2019 to 2024 (and perhaps earlier). This would be tempered should the FARM continue to generate an operating surplus, but it is unlikely to account for the full amount.

3.8 Distributed (Charged) To Member Companies’ Accounts

Net operating results for the FARM are accumulated for the benefit of members, and it is assumed that members are able to reflect this in their own financial statements based on information provided in the monthly Participation Reports.

In an effort to clarify the distinction between “Funds held by members” (that is, cash generated through operations over cash requirements to date which have been distributed to members until such time as it is required for operations) and amounts “Due to members” (which represents the accumulated results of operations that have not formally been “distributed” to members from a financial statement perspective), an additional reporting line was added during 2016 to the Participation Report to show these two distinct amounts, and the distinct amounts were first formally separated with the September 2016 Participation Reports.

Separate and “formal” amounts distributed (charged) to Member companies’ accounts have not been projected for the purpose of this Outlook, as it is assumed that such is automatically reflected in the monthly Participation Reports per the regular reporting process. For financial statement purposes, formal distribution / (charges) to members are reflected via an annual process (first initiated with the October 2016 financial statements, resulting in the “distribution” of \$737 million of accumulated operating results on the financial statement balance sheet for the FARM (this was a non-cash transaction, netting a reduction in the “due to members” liability with a corresponding reduction in the “funds held by members” asset).

For information, the FARM financial statement balance sheet (which differ from member statements in that policy liabilities are discounted at a 0.0% rate) as at Jan 31, 2017 (the end of the FARM’s fiscal 2017 Q1) is provided at the top of the next page.

¹⁴ The \$414 million in policy liabilities reflects the financial statement position, where liabilities are discounted at a 0% rate. As such, the carried amount is higher than the associated member statement amount.

FARM Statement of Financial Position (unaudited) as at Jan. 31, 2017

FARM ONLY ytd @ Q1 F/S Basis (0% discount rate) (unaudited)	\$ millions			
	as at Jan 31, 2017	as at Oct 31, 2016	\$ change	% change
Statement of Financial Position				
Assets				
Cash & short term deposits	18.9	35.3	(16.4)	(46.5%)
Funds held by members	403.3	413.3	(10.0)	(2.4%)
Transfer of funds due from members	13.1	0.0	13.0	>999.9%
Premium receivable	38.0	43.9	(5.9)	(13.4%)
Accrued investment income	0.0	0.0	(0.0)	(35.0%)
Deferred policy acquisition costs (DPAC)	6.0	6.7	(0.7)	(10.1%)
Other assets	1.5	1.3	0.2	15.4%
Due from members	0.3	6.1	(5.8)	(95.5%)
	481.0	506.6	(25.6)	(5.0%)
Liabilities				
Accounts payable	3.4	3.5	(0.1)	(2.8%)
Transfer of funds due to members	3.1	0.0	3.0	>999.9%
Servicing Carrier fees payable	4.0	4.7	(0.7)	(14.9%)
Unearned premium reserve (UPR)	78.5	90.4	(11.9)	(13.2%)
Claims liabilities	392.1	408.0	(15.9)	(3.9%)
Due to members	-	-	-	-
	481.0	506.6	(25.6)	(5.0%)
Financial Position Metrics				
Policy liabilities	464.6	491.7	(27.1)	(5.5%)
Claims liabs as % pol liabs	84.4%	83.0%	pt chg:	1.4%
Net funds held by members	413.3	413.3	(0.0)	-
Assets @ net member position	491.0	506.6	(15.6)	(3.1%)
Net assets as % total	102.1%	100.0%	pt chg:	2.1%
net fund transfers from/(to) members	10.0	(0.0)	10.0	<(999.9%)
DPAC as % UPR	7.7%	7.4%	pt chg:	0.3%
Premium receivable as % UPR	48.4%	48.5%	pt chg:	(0.1%)

note: discount rate for financial statement purposes is 0.0%

3.9 De-population Efforts

As part of the annual rate review cycle, FA management is able to identify certain classes of business in certain jurisdictions that are projected to generate loss ratios that would support de-population. Bulletins are regularly circulated to membership reminding them that there may be opportunities for FARM de-population to their benefit. Members are encouraged to reach out to FA at any time in support of the de-population efforts. Specific de-population has not been included in the current projection for **2018**.

4. EXHIBITS & APPENDIX

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

EXHIBIT A Key Assumptions

- A-1 Ontario
- A-2 Alberta
- A-3 Newfoundland & Labrador
- A-4 New Brunswick
- A-5 Nova Scotia
- A-6 Prince Edward Island
- A-7 Yukon
- A-8 Northwest Territories
- A-9 Nunavut

EXHIBIT B 2018 Projected Summary of Operations (by Jurisdiction)

- B-1 Private Passenger
- B-2 Non-Private Passenger
- B-3 Private Passenger & Non-Private Passenger

EXHIBIT C Projected Policy Liabilities (as at Dec 31, 2018)

- C-1 Ontario
- C-2 Alberta
- C-3 Newfoundland & Labrador
- C-4 New Brunswick
- C-5 Nova Scotia
- C-6 Prince Edward Island
- C-7 Yukon
- C-8 Northwest Territories
- C-9 Nunavut
- C-10 All Jurisdictions

APPENDIX a priori loss ratios and associated charts
(by jurisdiction and business segment)

Exhibit A-1 – Key Assumptions – Ontario

Key Assumptions - Ontario - Private Passenger (indemnity only)							
Written Exposures	Average Written Premium	Written Premium (\$000s)	Earned Premium (\$000s)	earned premium adjustments	claims adjustments	Ultimate CAY Loss Ratio (nominal)	
Amounts							
2016	1,965	6,405	12,587	12,467	-	45.2%	
2017	2,023	5,990	12,117	12,398	-	48.0%	
2018	2,023	5,726	11,584	11,702	1.2%	49.0%	
Change	%	%	%	%	pts	pts	
2017	3.0%	(6.5%)	(3.7%)	(0.6%)	-	2.8	
2018	-	(4.4%)	(4.4%)	(5.6%)	1.2	1.0	

Key Assumptions - Ontario - Non Private Passenger (indemnity only)							
Written Exposures	Average Written Premium	Written Premium (\$000s)	Earned Premium (\$000s)	earned premium adjustments	claims adjustments	Ultimate CAY Loss Ratio (nominal)	
Amounts							
2016	5,136	5,179	26,600	27,602	-	51.0%	
2017	5,075	5,296	26,880	26,476	-	50.5%	
2018	5,075	5,310	26,947	26,993	0.2%	52.0%	
Change	%	%	%	%	pts	pts	
2017	(1.2%)	2.3%	1.1%	(4.1%)	-	(0.5)	
2018	-	0.3%	0.3%	2.0%	0.2	1.5	

Private Passenger					Non-Private Passenger					
Accident Year	Selected Margins for Adverse Development				TOTAL	Selected Margins for Adverse Development				TOTAL
	Third Party Liability	Accident Benefits	Other Coverages			Third Party Liability	Accident Benefits	Other Coverages		
1996	10.0%	10.0%	10.0%		10.0%	10.0%	10.0%	10.0%		10.0%
1997	10.0%	10.0%	10.0%		10.0%	10.0%	10.0%	10.0%		10.0%
1998	10.0%	10.0%	10.0%		10.0%	10.0%	10.0%	10.0%		10.0%
1999	10.0%	10.0%	10.0%		10.0%	10.0%	10.0%	10.0%		10.0%
2000	10.0%	10.0%	10.0%		10.0%	10.0%	10.0%	10.0%		10.0%
2001	10.0%	10.0%	10.0%		10.0%	10.0%	10.0%	10.0%		10.0%
2002	10.0%	10.0%	10.0%		10.0%	10.0%	10.0%	10.0%		10.0%
2003	10.0%	10.0%	10.0%		10.0%	10.0%	10.0%	10.0%		10.0%
2004	10.0%	10.0%	10.0%		10.0%	10.0%	10.0%	10.0%		10.0%
2005	10.0%	10.0%	10.0%		10.0%	10.0%	10.0%	10.0%		10.0%
2006	10.0%	10.0%	10.0%		10.0%	10.0%	10.0%	10.0%		10.0%
2007	10.0%	10.0%	10.0%		10.0%	10.0%	10.0%	10.0%		10.0%
2008	10.0%	10.0%	10.0%		10.0%	10.0%	10.0%	10.0%		10.0%
2009	10.0%	10.0%	10.0%		10.0%	10.0%	10.0%	10.0%		10.0%
2010	10.0%	10.0%	10.0%		10.0%	10.0%	10.0%	10.0%		10.0%
2011	10.0%	10.0%	10.0%		10.0%	10.0%	10.0%	10.0%		10.0%
2012	10.0%	10.0%	9.9%		10.0%	10.0%	10.0%	10.0%		10.0%
2013	12.0%	12.5%	5.0%		12.3%	12.5%	7.3%			12.4%
2014	12.5%	12.5%	5.0%		12.5%	12.5%	12.3%			12.5%
2015	14.9%	15.0%	7.6%		14.9%	14.8%	15.0%			14.9%
2016	14.9%	15.0%	10.9%		14.9%	14.8%	15.0%			14.9%
2017	14.4%	15.0%	6.8%		14.4%	14.3%	15.0%			14.4%
2018	14.4%	15.0%	6.8%		14.4%	14.3%	15.0%			14.4%
prem liab	11.7%	15.0%	5.1%		11.5%	12.9%	15.0%			12.9%

discount rate: 1.17%
 margin (basis points): 25

discount rate: 1.17%
 margin (basis points): 25

Exhibit A-2 – Key Assumptions – Alberta

Key Assumptions - Alberta - Private Passenger (indemnity only)							
Written Exposures	Average Written Premium	Written Premium (\$000s)	Earned Premium (\$000s)	earned premium adjustments	claims adjustments	Ultimate CAY Loss Ratio (nominal)	
Amounts							
2016	1,644	4,615	7,587	9,344	-	57.7%	
2017	1,555	5,043	7,841	7,549	-	58.7%	
2018	1,555	5,043	7,842	7,860	4.4%	59.2%	
Change	%	%	%	%	pts	pts	
2017	(5.4%)	9.3%	3.4%	(19.2%)	-	1.0	
2018	-	-	-	4.1%	4.4	5.3	

Key Assumptions - Alberta - Non Private Passenger (indemnity only)							
Written Exposures	Average Written Premium	Written Premium (\$000s)	Earned Premium (\$000s)	earned premium adjustments	claims adjustments	Ultimate CAY Loss Ratio (nominal)	
Amounts							
2016	28,421	1,620	46,032	49,940	-	61.1%	
2017	26,802	1,831	49,069	47,118	-	53.6%	
2018	26,802	1,840	49,305	49,363	3.3%	54.1%	
Change	%	%	%	%	pts	pts	
2017	(5.7%)	13.0%	6.6%	(5.7%)	-	(7.5)	
2018	-	0.5%	0.5%	4.8%	3.3	4.2	

Private Passenger					Non-Private Passenger					
Accident Year	Selected Margins for Adverse Development				TOTAL	Selected Margins for Adverse Development				TOTAL
	Third Party Liability	Accident Benefits	Other Coverages			Third Party Liability	Accident Benefits	Other Coverages		
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%	12.1%	5.0%		12.5%	12.5%	11.1%	5.0%		12.4%
2015	12.5%	11.8%	5.0%		12.5%	12.4%	11.3%	5.0%		12.4%
2016	12.5%	10.6%	5.0%		12.5%	12.3%	10.9%	5.0%		12.4%
2017	12.2%	10.3%	5.0%		12.0%	11.8%	10.5%	5.0%		11.0%
2018	12.2%	10.3%	5.0%		12.0%	11.8%	10.5%	5.0%		11.0%
prem liab	12.0%	10.1%	5.0%		10.9%	11.6%	10.3%	5.0%		9.2%

discount rate: 1.17%
 margin (basis points): 25

discount rate: 1.17%
 margin (basis points): 25

Exhibit A-3 – Key Assumptions – Newfoundland & Labrador

Key Assumptions - Newfoundland & Labrador - Private Passenger (indemnity only)							
	Written Exposures	Average Written Premium	Written Premium (\$000s)	Earned Premium (\$000s)	earned premium adjustments	claims adjustments	Ultimate CAY Loss Ratio (nominal)
Amounts							
2016	10,368	1,986	20,592	21,131	-	-	71.2%
2017	12,040	2,001	24,088	21,833	-	-	68.7%
2018	12,040	2,001	24,088	24,132	2.7%	5.0%	70.2%
Change	%	%	%	%	pts	pts	pts
2017	16.1%	0.8%	17.0%	3.3%	-	-	(2.5)
2018	-	-	-	10.5%	2.7	5.0	1.5

Key Assumptions - Newfoundland & Labrador - Non Private Passenger (indemnity only)							
	Written Exposures	Average Written Premium	Written Premium (\$000s)	Earned Premium (\$000s)	earned premium adjustments	claims adjustments	Ultimate CAY Loss Ratio (nominal)
Amounts							
2016	5,654	1,259	7,117	6,985	-	-	104.0%
2017	5,638	1,408	7,939	7,456	-	-	84.5%
2018	5,638	1,429	8,054	8,042	8.4%	2.0%	79.5%
Change	%	%	%	%	pts	pts	pts
2017	(0.3%)	11.8%	11.5%	6.7%	-	-	(19.5)
2018	-	1.5%	1.5%	7.9%	8.4	2.0	(5.0)

Private Passenger					Non-Private Passenger					
Accident Year	Selected Margins for Adverse Development				TOTAL	Selected Margins for Adverse Development				TOTAL
	Third Party Liability	Accident Benefits	Other Coverages			Third Party Liability	Accident Benefits	Other Coverages		
1996	10.0%	10.0%	5.0%		10.0%	10.0%	10.0%	5.0%		10.0%
1997	10.0%	10.0%	5.0%		10.0%	10.0%	10.0%	5.0%		10.0%
1998	10.0%	10.0%	5.0%		10.0%	10.0%	10.0%	5.0%		10.0%
1999	10.0%	10.0%	5.0%		10.0%	10.0%	10.0%	5.0%		10.0%
2000	10.0%	10.0%	5.0%		10.0%	10.0%	10.0%	5.0%		10.0%
2001	10.0%	10.0%	5.0%		10.0%	10.0%	10.0%	5.0%		10.0%
2002	10.0%	10.0%	5.0%		10.0%	10.0%	10.0%	5.0%		10.0%
2003	10.0%	10.0%	5.0%		10.0%	10.0%	10.0%	5.0%		10.0%
2004	10.0%	10.0%	5.0%		10.0%	10.0%	10.0%	5.0%		10.0%
2005	10.0%	10.0%	5.0%		10.0%	10.0%	10.0%	5.0%		10.0%
2006	10.0%	10.0%	5.0%		10.0%	10.0%	10.0%	5.0%		10.0%
2007	10.0%	10.0%	5.0%		10.0%	10.0%	10.0%	5.0%		10.0%
2008	10.0%	10.0%	5.0%		10.0%	10.0%	10.0%	5.0%		10.0%
2009	10.0%	10.0%	5.0%		10.0%	10.0%	10.0%	5.0%		10.0%
2010	10.0%	10.0%	5.0%		10.0%	10.0%	10.0%	5.0%		10.0%
2011	10.0%	10.0%	5.0%		10.0%	10.0%	10.0%	5.0%		10.0%
2012	10.0%	10.0%	5.0%		10.0%	10.0%	10.0%	5.0%		10.0%
2013	10.0%	10.0%	5.0%		10.0%	10.0%	10.0%	5.0%		10.0%
2014	10.0%	10.0%	5.0%		10.0%	10.0%	10.0%	5.0%		10.0%
2015	10.0%	10.0%	5.0%		10.0%	10.0%	10.0%	5.0%		10.0%
2016	10.0%	10.0%	5.0%		10.0%	10.0%	10.0%	5.0%		10.0%
2017	10.0%	10.0%	5.0%		9.9%	10.0%	10.0%	5.0%		10.0%
2018	10.0%	10.0%	5.0%		9.9%	10.0%	10.0%	5.0%		10.0%
prem liab	10.0%	10.0%	5.0%		9.0%	10.0%	10.0%	5.0%		9.6%

discount rate: 1.17%
 margin (basis points): 25

discount rate: 1.17%
 margin (basis points): 25

Exhibit A-4 – Key Assumptions – New Brunswick

Key Assumptions - New Brunswick - Private Passenger (indemnity only)							
Written Exposures	Average Written Premium	Written Premium (\$000s)	Earned Premium (\$000s)	earned premium adjustments	claims adjustments	Ultimate CAY Loss Ratio (nominal)	
Amounts							
2016	7,275	1,724	12,545	12,818	-	58.5%	
2017	7,254	1,806	13,098	12,691	-	59.0%	
2018	7,254	1,817	13,180	13,188	6.3%	57.5%	
Change	%	%	%	%	pts	pts	
2017	(0.3%)	4.8%	4.4%	(1.0%)	-	0.5	
2018	-	0.6%	0.6%	3.9%	6.3	(1.5)	

Key Assumptions - New Brunswick - Non Private Passenger (indemnity only)							
Written Exposures	Average Written Premium	Written Premium (\$000s)	Earned Premium (\$000s)	earned premium adjustments	claims adjustments	Ultimate CAY Loss Ratio (nominal)	
Amounts							
2016	6,634	1,185	7,859	7,700	-	47.2%	
2017	6,474	1,244	8,054	7,958	-	49.5%	
2018	6,474	1,244	8,051	8,076	(0.6%)	50.5%	
Change	%	%	%	%	pts	pts	
2017	(2.4%)	5.0%	2.5%	3.4%	-	2.3	
2018	-	-	-	1.5%	(0.6)	1.0	

Private Passenger					Non-Private Passenger					
Accident Year	Selected Margins for Adverse Development				TOTAL	Selected Margins for Adverse Development				TOTAL
	Third Party Liability	Accident Benefits	Other Coverages			Third Party Liability	Accident Benefits	Other Coverages		
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%	10.5%	5.0%		12.2%	12.5%	10.6%	5.0%		11.7%
2015	12.5%	10.0%	5.0%		11.8%	12.5%	10.1%	5.0%		11.2%
2016	12.5%	10.1%	5.0%		11.9%	12.4%	10.2%	5.0%		11.6%
2017	12.4%	10.1%	5.0%		11.6%	12.2%	10.1%	5.0%		11.2%
2018	12.4%	10.1%	5.0%		11.6%	12.2%	10.1%	5.0%		11.2%
prem liab	12.0%	10.0%	5.0%		10.2%	11.4%	10.2%	5.0%		10.2%

discount rate: 1.17%
 margin (basis points): 25

discount rate: 1.17%
 margin (basis points): 25

Exhibit A-5 – Key Assumptions – Nova Scotia

Key Assumptions - Nova Scotia - Private Passenger (indemnity only)							
Written Exposures	Average Written Premium	Written Premium (\$000s)	Earned Premium (\$000s)	earned premium adjustments	claims adjustments	Ultimate CAY Loss Ratio (nominal)	
Amounts							
2016	3,844	1,967	7,561	7,236	-	63.6%	
2017	3,865	2,007	7,757	7,585	-	64.6%	
2018	3,865	2,007	7,757	7,776	-	67.1%	
Change	%	%	%	%	pts	pts	
2017	0.5%	2.0%	2.6%	4.8%	-	1.0	
2018	-	-	-	2.5%	-	2.5	

Key Assumptions - Nova Scotia - Non Private Passenger (indemnity only)							
Written Exposures	Average Written Premium	Written Premium (\$000s)	Earned Premium (\$000s)	earned premium adjustments	claims adjustments	Ultimate CAY Loss Ratio (nominal)	
Amounts							
2016	12,380	809	10,017	9,904	-	58.5%	
2017	11,977	894	10,712	10,401	-	57.0%	
2018	11,977	895	10,721	10,740	4.6%	56.5%	
Change	%	%	%	%	pts	pts	
2017	(3.3%)	10.5%	6.9%	5.0%	-	(1.5)	
2018	-	0.1%	0.1%	3.3%	4.6	(0.5)	

Private Passenger					Non-Private Passenger					
Accident Year	Selected Margins for Adverse Development				TOTAL	Selected Margins for Adverse Development				TOTAL
	Third Party Liability	Accident Benefits	Other Coverages			Third Party Liability	Accident Benefits	Other Coverages		
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%		12.3%	12.5%	10.0%	5.0%		11.6%
2014	12.5%	10.0%	5.0%		11.9%	12.5%	10.2%	5.0%		12.1%
2015	12.5%	10.1%	5.0%		12.2%	12.5%	10.2%	5.0%		11.7%
2016	12.5%	10.1%	5.0%		12.2%	12.5%	10.2%	5.0%		11.6%
2017	12.4%	10.1%	5.0%		11.7%	12.2%	10.2%	5.0%		11.4%
2018	12.4%	10.1%	5.0%		11.7%	12.2%	10.2%	5.0%		11.4%
prem liab	11.8%	10.1%	5.0%		10.1%	11.6%	10.1%	5.0%		10.5%

discount rate: 1.17%
margin (basis points): 25

discount rate: 1.17%
margin (basis points): 25

Exhibit A-6 – Key Assumptions – Prince Edward Island

Key Assumptions - Prince Edward Island - Private Passenger (indemnity only)							
Written Exposures	Average Written Premium	Written Premium (\$000s)	Earned Premium (\$000s)	earned premium adjustments	claims adjustments	Ultimate CAY Loss Ratio (nominal)	
Amounts							
2016	1,501	1,939	2,910	2,912	-	-	56.2%
2017	1,448	1,955	2,831	2,832	-	-	41.0%
2018	1,448	1,956	2,832	2,832	0.7%	0.8%	41.0%
Change	%	%	%	%	pts	pts	pts
2017	(3.5%)	0.8%	(2.7%)	(2.7%)	-	-	(15.2)
2018	-	0.1%	-	-	0.7	0.8	-

Key Assumptions - Prince Edward Island - Non Private Passenger (indemnity only)							
Written Exposures	Average Written Premium	Written Premium (\$000s)	Earned Premium (\$000s)	earned premium adjustments	claims adjustments	Ultimate CAY Loss Ratio (nominal)	
Amounts							
2016	2,274	828	1,884	1,886	-	-	70.9%
2017	2,267	878	1,990	1,923	-	-	53.0%
2018	2,267	878	1,990	1,992	1.9%	1.0%	52.5%
Change	%	%	%	%	pts	pts	pts
2017	(0.3%)	6.0%	5.6%	1.9%	-	-	(17.9)
2018	-	-	-	3.6%	1.9	1.0	(0.5)

Private Passenger					Non-Private Passenger				
Accident Year	Selected Margins for Adverse Development			TOTAL	Third Party Liability	Selected Margins for Adverse Development			TOTAL
	Third Party Liability	Accident Benefits	Other Coverages			Accident Benefits	Other Coverages		
1996	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	10.0%	5.0%	10.0%
1997	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	10.0%	5.0%	10.0%
1998	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	10.0%	5.0%	10.0%
1999	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2000	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2001	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2002	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2003	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2004	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2005	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2006	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2007	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2008	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2009	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2010	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2011	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2012	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2013	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2014	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2015	12.5%	10.1%	5.0%	12.3%	12.5%	10.2%	5.0%	11.5%	
2016	12.5%	10.2%	5.0%	12.4%	12.5%	10.1%	5.0%	10.9%	
2017	12.1%	10.2%	5.0%	12.0%	12.2%	10.3%	5.0%	11.5%	
2018	12.1%	10.2%	5.0%	12.0%	12.2%	10.3%	5.0%	11.5%	
prem liab	12.1%	10.1%	5.0%	11.3%	11.5%	10.1%	5.0%	9.9%	

discount rate: 1.17%
margin (basis points): 25

discount rate: 1.17%
margin (basis points): 25

Exhibit A-7 – Key Assumptions – Yukon

Key Assumptions - Yukon - Private Passenger (indemnity only)							
Written Exposures	Average Written Premium	Written Premium (\$000s)	Earned Premium (\$000s)	earned premium adjustments	claims adjustments	Ultimate CAY Loss Ratio (nominal)	
Amounts							
2016	224	2,349	526	679	-	59.6%	
2017	195	2,393	467	466	-	63.5%	
2018	195	2,395	467	468	1.7%	66.0%	
Change	%	%	%	%	pts	pts	
2017	(12.9%)	1.9%	(11.3%)	(31.3%)	-	3.9	
2018	-	0.1%	0.1%	0.3%	1.7	2.5	

Key Assumptions - Yukon - Non Private Passenger (indemnity only)							
Written Exposures	Average Written Premium	Written Premium (\$000s)	Earned Premium (\$000s)	earned premium adjustments	claims adjustments	Ultimate CAY Loss Ratio (nominal)	
Amounts							
2016	1,541	871	1,342	1,322	-	41.8%	
2017	1,543	881	1,359	1,337	-	48.9%	
2018	1,543	881	1,360	1,368	(1.4%)	51.5%	
Change	%	%	%	%	pts	pts	
2017	0.1%	1.1%	1.3%	1.1%	-	7.1	
2018	-	-	0.1%	2.3%	(1.4)	2.6	

Private Passenger					Non-Private Passenger					
Accident Year	Selected Margins for Adverse Development				TOTAL	Selected Margins for Adverse Development				TOTAL
	Third Party Liability	Accident Benefits	Other Coverages			Third Party Liability	Accident Benefits	Other Coverages		
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%	12.2%	5.0%		12.5%	12.5%	12.5%	5.0%		12.5%
2015	12.5%	11.5%	5.0%		12.5%	12.5%	12.4%	5.0%		12.4%
2016	12.5%	11.1%	5.0%		12.5%	12.2%	11.8%	5.0%		11.9%
2017	12.3%	10.9%	5.0%		12.2%	11.6%	11.3%	5.0%		11.1%
2018	12.3%	10.9%	5.0%		12.2%	11.6%	11.3%	5.0%		11.1%
prem liab	12.1%	10.6%	5.0%		11.4%	11.6%	12.0%	5.0%		10.0%

discount rate: 1.17%
 margin (basis points): 25

discount rate: 1.17%
 margin (basis points): 25

Exhibit A-8 – Key Assumptions – Northwest Territories

Key Assumptions - Northwest Territories - Private Passenger (indemnity only)							
Written Exposures	Average Written Premium	Written Premium (\$000s)	Earned Premium (\$000s)	earned premium adjustments	claims adjustments	Ultimate CAY Loss Ratio (nominal)	
Amounts							
2016	2,411	1,374	3,313	3,424	-	41.6%	
2017	2,317	1,363	3,158	3,155	-	43.0%	
2018	2,317	1,363	3,157	3,156	2.5%	44.0%	
Change	%	%	%	%	pts	pts	
2017	(3.9%)	(0.8%)	(4.7%)	(7.9%)	-	1.4	
2018	-	-	-	-	2.5	1.0	

Key Assumptions - Northwest Territories - Non Private Passenger (indemnity only)							
Written Exposures	Average Written Premium	Written Premium (\$000s)	Earned Premium (\$000s)	earned premium adjustments	claims adjustments	Ultimate CAY Loss Ratio (nominal)	
Amounts							
2016	1,534	817	1,254	1,269	-	35.2%	
2017	1,550	954	1,478	1,449	-	32.5%	
2018	1,550	954	1,478	1,488	(1.7%)	34.5%	
Change	%	%	%	%	pts	pts	
2017	1.0%	16.8%	17.9%	14.2%	-	(2.7)	
2018	-	-	-	2.7%	(1.7)	2.0	

Private Passenger					Non-Private Passenger				
Accident Year	Selected Margins for Adverse Development				TOTAL	Selected Margins for Adverse Development			
	Third Party Liability	Accident Benefits	Other Coverages			Third Party Liability	Accident Benefits	Other Coverages	TOTAL
1996	10.0%	10.0%	5.0%		10.0%	10.0%	10.0%	5.0%	10.0%
1997	10.0%	10.0%	5.0%		10.0%	10.0%	10.0%	5.0%	10.0%
1998	10.0%	10.0%	5.0%		10.0%	10.0%	10.0%	5.0%	10.0%
1999	10.0%	10.0%	5.0%		10.0%	10.0%	10.0%	5.0%	10.0%
2000	10.0%	10.0%	5.0%		10.0%	10.0%	10.0%	5.0%	10.0%
2001	10.0%	10.0%	5.0%		10.0%	10.0%	10.0%	5.0%	10.0%
2002	10.0%	10.0%	5.0%		10.0%	10.0%	10.0%	5.0%	10.0%
2003	10.0%	10.0%	5.0%		10.0%	10.0%	10.0%	5.0%	10.0%
2004	10.0%	10.0%	5.0%		10.0%	10.0%	10.0%	5.0%	10.0%
2005	10.0%	10.0%	5.0%		10.0%	10.0%	10.0%	5.0%	10.0%
2006	10.0%	10.0%	5.0%		10.0%	10.0%	10.0%	5.0%	10.0%
2007	10.0%	10.0%	5.0%		10.0%	10.0%	10.0%	5.0%	10.0%
2008	10.0%	10.0%	5.0%		10.0%	10.0%	10.0%	5.0%	10.0%
2009	10.0%	10.0%	5.0%		10.0%	10.0%	10.0%	5.0%	10.0%
2010	10.0%	10.0%	5.0%		10.0%	10.0%	10.0%	5.0%	10.0%
2011	10.0%	10.0%	5.0%		10.0%	10.0%	10.0%	5.0%	10.0%
2012	10.0%	10.0%	5.0%		10.0%	10.0%	10.0%	5.0%	10.0%
2013	10.0%	10.0%	5.0%		10.0%	10.0%	10.0%	5.0%	10.0%
2014	12.5%	12.3%	5.0%		12.5%	12.5%	11.5%	5.0%	12.5%
2015	12.5%	11.7%	5.0%		12.3%	12.3%	11.3%	5.0%	12.1%
2016	12.4%	11.9%	5.0%		12.4%	12.4%	11.6%	5.0%	11.3%
2017	12.0%	11.4%	5.0%		11.9%	12.1%	11.3%	5.0%	11.2%
2018	12.0%	11.4%	5.0%		11.9%	12.1%	11.3%	5.0%	11.2%
prem liab	11.1%	10.9%	5.0%		9.2%	11.7%	11.1%	5.0%	9.3%

discount rate: 1.17%
 margin (basis points): 25

discount rate: 1.17%
 margin (basis points): 25

Exhibit A-9 – Key Assumptions – Nunavut

Key Assumptions - Nunavut - Private Passenger (indemnity only)							
Written Exposures	Average Written Premium	Written Premium (\$000s)	Earned Premium (\$000s)	earned premium adjustments	claims adjustments	Ultimate CAY Loss Ratio (nominal)	
Amounts							
2016	311	1,461	454	635	-	35.4%	
2017	267	1,469	392	406	-	26.9%	
2018	267	1,468	392	396	0.4%	28.0%	
Change	%	%	%	%	pts	pts	
2017	(14.1%)	0.5%	(13.6%)	(36.1%)	-	(8.5)	
2018	-	(0.1%)	(0.1%)	(2.5%)	0.4	1.1	

Key Assumptions - Nunavut - Non Private Passenger (indemnity only)							
Written Exposures	Average Written Premium	Written Premium (\$000s)	Earned Premium (\$000s)	earned premium adjustments	claims adjustments	Ultimate CAY Loss Ratio (nominal)	
Amounts							
2016	1,129	724	818	801	-	45.2%	
2017	1,129	717	809	809	-	40.0%	
2018	1,129	717	810	816	(0.5%)	42.2%	
Change	%	%	%	%	pts	pts	
2017	-	(1.0%)	(1.0%)	0.9%	-	(5.2)	
2018	-	-	0.1%	0.9%	(0.5)	2.2	

Private Passenger

Non-Private Passenger

Accident Year	Selected Margins for Adverse Development				Selected Margins for Adverse Development			
	Third Party Liability	Accident Benefits	Other Coverages	TOTAL	Third Party Liability	Accident Benefits	Other Coverages	TOTAL
1999	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2000	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2001	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2002	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2003	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2004	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2005	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2006	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2007	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2008	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2009	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2010	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2011	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2012	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2013	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2014	12.5%	12.5%	5.0%	12.5%	10.1%	11.0%	5.0%	10.1%
2015	12.3%	11.8%	5.0%	10.7%	12.5%	11.4%	5.0%	11.1%
2016	12.4%	11.7%	5.0%	12.4%	12.4%	11.3%	5.0%	11.7%
2017	12.1%	11.4%	5.0%	11.9%	12.1%	11.2%	5.0%	11.6%
2018	12.1%	11.4%	5.0%	11.9%	12.1%	11.2%	5.0%	11.6%
prem liab	11.3%	11.2%	5.0%	9.1%	12.4%	10.7%	5.0%	11.3%

discount rate: 1.17%
 margin (basis points): 25

discount rate: 1.17%
 margin (basis points): 25

Exhibit B-1

2018 Projected Summary of Operations - Private Passenger

in \$ thousands	Alberta	Ontario	Nova Scotia	Prince Edward Island	New Brunswick	Newfoundland & Labrador	Yukon	Northwest Territories	Nunavut	2018 TOTAL
Underwriting Revenue										
written premium	7,842	11,584	7,757	2,832	13,180	24,088	467	3,157	392	71,299
decrease / (increase) in unearned	18	118	19	0	8	44	1	(1)	4	211
earned premium	7,860	11,702	7,776	2,832	13,188	24,132	468	3,156	396	71,510
Claims Incurred										
Prior Accident Years										
Undiscounted	-	-	-	-	-	-	-	-	-	-
effect of discounting	(370)	(961)	(256)	(96)	(442)	(813)	(19)	(52)	(7)	(3,016)
Discounted	(370)	(961)	(256)	(96)	(442)	(813)	(19)	(52)	(7)	(3,016)
Current Accident Year										
Undiscounted	5,413	7,408	6,230	1,489	9,244	19,820	363	1,710	150	51,827
effect of discounting	281	554	339	93	493	1,012	24	82	9	2,887
Discounted	5,694	7,962	6,569	1,582	9,737	20,832	387	1,792	159	54,714
Claims Incurred	5,324	7,001	6,313	1,486	9,295	20,019	368	1,740	152	51,698
Underwriting Expenses										
Operating & Service Fees	786	1,253	776	284	1,320	2,410	49	319	40	7,237
Agent's Commissions	839	616	836	304	1,410	2,431	50	343	44	6,873
Driver Record Abstracts	85	58	327	96	215	265	5	51	3	1,105
Bad Debts	-	-	-	-	-	-	-	-	-	-
Premium Deficiency / (DPAC)										
Undiscounted	2	6	2	-	1	122	-	(1)	-	132
effect of discounting	-	-	46	-	-	230	-	-	-	276
Discounted	2	6	48	-	1	352	-	(1)	-	408
Underwriting Expenses	1,712	1,933	1,987	684	2,946	5,458	104	712	87	15,623
Net Underwriting Gain (Loss)	824	2,768	(524)	662	947	(1,345)	(4)	704	157	4,189
Administrative Expenses	196	289	195	71	330	602	11	79	10	1,783
Miscellaneous income / (expense)	-	-	-	-	-	-	-	-	-	-
Investment Income	13	25	5	2	12	14	1	4	-	77
Operating Result	641	2,504	(714)	593	629	(1,933)	(14)	629	147	2,483
Ratios										
Claims & Adj. Expenses to EP										
Prior Accident Year	(4.7%)	(8.2%)	(3.3%)	(3.4%)	(3.4%)	(3.4%)	(4.1%)	(1.6%)	(1.8%)	(4.2%)
Current Accident Year	72.4%	68.0%	84.5%	55.9%	73.8%	86.3%	82.7%	56.8%	40.2%	76.5%
All Accident Years Combined	67.7%	59.8%	81.2%	52.5%	70.5%	83.0%	78.6%	55.1%	38.4%	72.3%
Underwriting & Admin Exp (EP)	24.3%	19.0%	28.1%	26.7%	24.8%	25.1%	24.6%	25.1%	24.5%	24.3%
Combined Operating Ratio	92.0%	78.8%	109.3%	79.2%	95.3%	108.1%	103.2%	80.2%	62.9%	96.6%
Current Accident Year only*	258	1,518	(975)	495	175	(2,760)	(34)	573	140	(610)

*excluding miscellaneous income/(expense) and investment income

Exhibit B-2

2018 Projected Summary of Operations - Non-Private Passenger

in \$ thousands	Alberta	Ontario	Nova Scotia	Prince Edward Island	New Brunswick	Newfoundland & Labrador	Yukon	Northwest Territories	Nunavut	2018 TOTAL
Underwriting Revenue										
written premium	49,305	26,947	10,721	1,990	8,051	8,054	1,360	1,478	810	108,716
decrease / (increase) in unearned	58	46	19	2	25	(12)	8	10	6	162
earned premium	49,363	26,993	10,740	1,992	8,076	8,042	1,368	1,488	816	108,878
Claims Incurred										
Prior Accident Years										
Undiscounted	-	-	-	-	-	-	-	-	-	-
effect of discounting	(1,603)	(1,646)	(286)	(63)	(251)	(396)	(38)	(33)	(17)	(4,333)
Discounted	(1,603)	(1,646)	(286)	(63)	(251)	(396)	(38)	(33)	(17)	(4,333)
Current Accident Year										
Undiscounted	31,484	17,898	7,467	1,276	5,094	7,352	862	664	423	72,520
effect of discounting	1,311	1,529	390	73	241	440	47	36	25	4,092
Discounted	32,795	19,427	7,857	1,349	5,335	7,792	909	700	448	76,612
Claims Incurred	31,192	17,781	7,571	1,286	5,084	7,396	871	667	431	72,279
Underwriting Expenses										
Operating & Service Fees	4,931	2,910	1,074	199	807	805	137	150	82	11,095
Agent's Commissions	4,094	1,696	794	155	621	594	110	120	67	8,251
Driver Record Abstracts	541	135	450	70	128	89	20	22	14	1,469
Bad Debts	-	-	-	-	-	-	-	-	-	-
Premium Deficiency / (DPAC)										
Undiscounted	4	3	1	-	2	60	1	1	1	73
effect of discounting	-	-	-	-	-	4	-	-	-	4
Discounted	4	3	1	-	2	64	1	1	1	77
Underwriting Expenses	9,570	4,744	2,319	424	1,558	1,552	268	293	164	20,892
Net Underwriting Gain (Loss)	8,601	4,468	850	282	1,434	(906)	229	528	221	15,707
Administrative Expenses	1,233	674	268	50	201	203	35	38	19	2,721
Miscellaneous income / (expense)	-	-	-	-	-	-	-	-	-	-
Investment Income	26	41	10	1	7	12	-	2	1	101
Operating Result	7,394	3,835	592	233	1,240	(1,097)	194	492	203	13,087
Ratios										
Claims & Adj. Expenses to EP										
Prior Accident Year	(3.2%)	(6.1%)	(2.7%)	(3.2%)	(3.1%)	(4.9%)	(2.8%)	(2.2%)	(2.1%)	(4.0%)
Current Accident Year	66.4%	72.0%	73.2%	67.7%	66.1%	96.9%	66.4%	47.0%	54.9%	70.4%
All Accident Years Combined	63.2%	65.9%	70.5%	64.6%	63.0%	92.0%	63.7%	44.8%	52.8%	66.4%
Underwriting & Admin Exp (EP)	21.9%	20.1%	24.1%	23.8%	21.8%	21.8%	22.1%	22.2%	22.4%	21.7%
Combined Operating Ratio	85.1%	86.0%	94.6%	88.4%	84.8%	113.8%	85.8%	67.0%	75.2%	88.1%
Current Accident Year only*	5,765	2,148	296	169	982	(1,505)	156	457	185	8,653

*excluding miscellaneous income/(expense) and investment income

Exhibit B-3

2018 Projected Summary of Operations - Private Passenger & Non-Private Passenger

in \$ thousands	Alberta	Ontario	Nova Scotia	Prince Edward Island	New Brunswick	Newfoundland & Labrador	Yukon	Northwest Territories	Nunavut	2018 TOTAL
Underwriting Revenue										
written premium	57,147	38,531	18,478	4,822	21,231	32,142	1,827	4,635	1,202	180,015
decrease / (increase) in unearned	76	164	38	2	33	32	9	9	10	373
earned premium	57,223	38,695	18,516	4,824	21,264	32,174	1,836	4,644	1,212	180,388
Claims Incurred										
Prior Accident Years										
Undiscounted	-	-	-	-	-	-	-	-	-	-
effect of discounting	(1,973)	(2,607)	(542)	(159)	(693)	(1,209)	(57)	(85)	(24)	(7,349)
Discounted	(1,973)	(2,607)	(542)	(159)	(693)	(1,209)	(57)	(85)	(24)	(7,349)
Current Accident Year										
Undiscounted	36,897	25,306	13,697	2,765	14,338	27,172	1,225	2,374	573	124,347
effect of discounting	1,592	2,083	729	166	734	1,452	71	118	34	6,979
Discounted	38,489	27,389	14,426	2,931	15,072	28,624	1,296	2,492	607	131,326
Claims Incurred	36,516	24,782	13,884	2,772	14,379	27,415	1,239	2,407	583	123,977
Underwriting Expenses										
Operating & Service Fees	5,717	4,163	1,850	483	2,127	3,215	186	469	122	18,332
Agent's Commissions	4,933	2,312	1,630	459	2,031	3,025	160	463	111	15,124
Driver Record Abstracts	626	193	777	166	343	354	25	73	17	2,574
Bad Debts	-	-	-	-	-	-	-	-	-	-
Premium Deficiency / (DPAC)										
Undiscounted	6	9	3	-	3	182	1	-	1	205
effect of discounting	-	-	46	-	-	234	-	-	-	280
Discounted	6	9	49	-	3	416	1	-	1	485
Underwriting Expenses	11,282	6,677	4,306	1,108	4,504	7,010	372	1,005	251	36,515
Net Underwriting Gain (Loss)	9,425	7,236	326	944	2,381	(2,251)	225	1,232	378	19,896
Administrative Expenses	1,429	963	463	121	531	805	46	117	29	4,504
Miscellaneous income / (expense)	-	-	-	-	-	-	-	-	-	-
Investment Income	40	66	14	4	19	26	1	6	1	178
Operating Result	8,036	6,339	(123)	827	1,869	(3,030)	180	1,121	350	15,570
Ratios										
Claims & Adj. Expenses to EP										
Prior Accident Year	(3.4%)	(6.7%)	(2.9%)	(3.3%)	(3.3%)	(3.8%)	(3.1%)	(1.8%)	(2.0%)	(4.1%)
Current Accident Year	67.3%	70.8%	77.9%	60.8%	70.9%	89.0%	70.6%	53.7%	50.1%	72.8%
All Accident Years Combined	63.8%	64.0%	75.0%	57.5%	67.6%	85.2%	67.5%	51.8%	48.1%	68.7%
Underwriting & Admin Exp (EP)	22.2%	19.7%	25.8%	25.5%	23.7%	24.3%	22.8%	24.2%	23.1%	22.7%
Combined Operating Ratio	86.0%	83.7%	100.8%	83.0%	91.3%	109.5%	90.3%	76.0%	71.2%	91.4%
Current Accident Year only*	6,023	3,666	(679)	664	1,157	(4,265)	122	1,030	325	8,043

*excluding miscellaneous income/(expense) and investment income

Exhibit C-1

Projected Policy Liabilities – Ontario

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Private Passenger ending 2018	Ontario - Projected Balances as at Dec. 31, 2018 (\$000s)								
	nominal values				actuarial present value adjustments (apvs)				TOTAL
	Acc Yr	Case	IBNR	Retro Claims Fee & Expense	Total Unpaid	discount	investment PfAD	development PfAD	
prior	4,005	(6)	43	4,042	(9)	2	411	404	4,446
1999	-	-	-	-	-	-	-	-	-
2000	-	14	(78)	(64)	-	-	9	9	(55)
2001	-	6	(34)	(28)	-	-	4	4	(24)
2002	466	(15)	121	572	-	-	57	57	629
2003	2,031	24	313	2,368	(123)	26	223	126	2,494
2004	917	49	637	1,603	(93)	20	151	78	1,681
2005	751	106	426	1,283	(82)	17	120	55	1,338
2006	1,033	404	560	1,997	(142)	30	186	74	2,071
2007	3,444	(271)	772	3,945	(292)	60	365	133	4,078
2008	98	310	597	1,005	(77)	15	93	31	1,036
2009	1,203	240	411	1,854	(141)	30	171	60	1,914
2010	1,251	120	347	1,718	(100)	20	162	82	1,800
2011	1,668	(263)	455	1,860	(114)	24	174	84	1,944
2012	2,432	(129)	441	2,744	(187)	36	255	104	2,848
2013	1,235	211	298	1,744	(103)	21	210	128	1,872
2014	2,086	295	308	2,689	(100)	19	361	280	2,969
2015	1,385	341	271	1,997	(60)	12	315	267	2,264
2016	1,411	384	268	2,063	(57)	12	332	287	2,350
2017	2,017	374	319	2,710	(84)	19	415	350	3,060
PAYs (sub-total):	27,433	2,194	6,475	36,102	(1,764)	363	4,014	2,613	38,715
CAY (2018)	1,434	2,494	267	4,195	(152)	30	676	554	4,749
claims liabilities:	28,867	4,688	6,742	40,297	(1,916)	393	4,690	3,167	43,464
	Unearned Premium	Premium Deficiency / (DPAC)		Total Provision	discount	investment PfAD	development PfAD	Total apvs	TOTAL*
premium liabilities:	5,808	(308)		5,500	(104)	19	369	284	5,500
*Total may not be sum of parts, as apvs apply to future costs within UPR									
policy liabilities:				45,797	(2,020)	412	5,059	3,451	48,964

Exhibit C-1

Projected Policy Liabilities – Ontario

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Non Private Passenger ending 2018	Ontario - Projected Balances as at Dec. 31, 2018 (\$000s)								
	nominal values				actuarial present value adjustments (apvs)				TOTAL
	Acc Yr	Case	IBNR	Retro Claims Fee & Expense	Total Unpaid	discount	investment PfAD	development PfAD	
prior	197	13	9	219	-	-	26	26	245
1999	-	1	-	1	-	-	-	-	1
2000	-	(1)	(28)	(29)	-	-	3	3	(26)
2001	-	(6)	(18)	(24)	-	-	3	3	(21)
2002	-	7	37	44	-	-	5	5	49
2003	-	(13)	56	43	-	-	7	7	50
2004	502	(24)	123	601	-	-	60	60	661
2005	394	47	164	605	(37)	8	56	27	632
2006	17	85	300	402	(28)	5	37	14	416
2007	1,081	71	444	1,596	(118)	24	147	53	1,649
2008	218	59	342	619	(49)	9	57	17	636
2009	1,318	(277)	289	1,330	(56)	10	128	82	1,412
2010	63	196	321	580	(31)	7	55	31	611
2011	2,532	281	447	3,260	(156)	32	311	187	3,447
2012	2,408	826	501	3,735	(183)	37	355	209	3,944
2013	5,082	1,268	586	6,936	(211)	42	846	677	7,613
2014	3,947	1,398	715	6,060	(219)	42	798	621	6,681
2015	5,136	553	745	6,434	(161)	32	997	868	7,302
2016	3,955	1,382	727	6,064	(162)	36	954	828	6,892
2017	4,188	2,066	773	7,027	(232)	49	1,057	874	7,901
PAYs (sub-total):	31,038	7,932	6,533	45,503	(1,643)	333	5,902	4,592	50,095
CAY (2018)	4,843	6,737	622	12,202	(478)	101	1,906	1,529	13,731
claims liabilities:	35,881	14,669	7,155	57,705	(2,121)	434	7,808	6,121	63,826
	Unearned Premium	Premium Deficiency / (DPAC)		Total Provision	discount	investment PfAD	development PfAD	Total apvs	TOTAL*
premium liabilities:	12,775	(805)		11,970	(295)	59	42	(194)	11,970
*Total may not be sum of parts, as apvs apply to future costs within UPR									
policy liabilities:				69,675	(2,416)	493	7,850	5,927	75,796

Exhibit C-1

Projected Policy Liabilities – Ontario

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PPV & non-PPV ending 2018	Ontario - Projected Balances as at Dec. 31, 2018 (\$000s)								
	nominal values				actuarial present value adjustments (apvs)				TOTAL
	Acc Yr	Case	IBNR	Retro Claims Fee & Expense	Total Unpaid	discount	investment PfAD	development PfAD	
prior	4,202	7	52	4,261	(9)	2	437	430	4,691
1999	-	1	-	1	-	-	-	-	1
2000	-	13	(106)	(93)	-	-	12	12	(81)
2001	-	-	(52)	(52)	-	-	7	7	(45)
2002	466	(8)	158	616	-	-	62	62	678
2003	2,031	11	369	2,411	(123)	26	230	133	2,544
2004	1,419	25	760	2,204	(93)	20	211	138	2,342
2005	1,145	153	590	1,888	(119)	25	176	82	1,970
2006	1,050	489	860	2,399	(170)	35	223	88	2,487
2007	4,525	(200)	1,216	5,541	(410)	84	512	186	5,727
2008	316	369	939	1,624	(126)	24	150	48	1,672
2009	2,521	(37)	700	3,184	(197)	40	299	142	3,326
2010	1,314	316	668	2,298	(131)	27	217	113	2,411
2011	4,200	18	902	5,120	(270)	56	485	271	5,391
2012	4,840	697	942	6,479	(370)	73	610	313	6,792
2013	6,317	1,479	884	8,680	(314)	63	1,056	805	9,485
2014	6,033	1,693	1,023	8,749	(319)	61	1,159	901	9,650
2015	6,521	894	1,016	8,431	(221)	44	1,312	1,135	9,566
2016	5,366	1,766	995	8,127	(219)	48	1,286	1,115	9,242
2017	6,205	2,440	1,092	9,737	(316)	68	1,472	1,224	10,961
PAYs (sub-total):	58,471	10,126	13,008	81,605	(3,407)	696	9,916	7,205	88,810
CAY (2018)	6,277	9,231	889	16,397	(630)	131	2,582	2,083	18,480
claims liabilities:	64,748	19,357	13,897	98,002	(4,037)	827	12,498	9,288	107,290
	Unearned Premium	Premium Deficiency / (DPAC)		Total Provision	discount	investment PfAD	development PfAD	Total apvs	TOTAL*
premium liabilities:	18,583	(1,113)		17,470	(399)	78	411	90	17,470
*Total may not be sum of parts, as apvs apply to future costs within UPR									
policy liabilities:				115,472	(4,436)	905	12,909	9,378	124,760

Exhibit C-2

Projected Policy Liabilities – Alberta

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Private Passenger ending 2018	Alberta - Projected Balances as at Dec. 31, 2018 (\$000s)								
	nominal values				actuarial present value adjustments (apvs)				TOTAL
	Acc Yr	Case	IBNR	Retro Claims Fee & Expense	Total Unpaid	discount	investment PfAD	development PfAD	
prior	-	2	13	15	-	-	10	10	25
1999	-	11	9	20	-	-	2	2	22
2000	-	(16)	14	(2)	-	-	3	3	1
2001	-	12	19	31	-	-	3	3	34
2002	-	(15)	24	9	-	-	4	4	13
2003	20	(24)	43	39	-	-	4	4	43
2004	85	(24)	24	85	(5)	1	8	4	89
2005	170	(68)	(57)	45	(2)	-	15	13	58
2006	34	(15)	1	20	(1)	-	2	1	21
2007	-	(11)	67	56	(2)	-	8	6	62
2008	79	21	80	180	-	-	18	18	198
2009	-	24	65	89	(5)	1	9	5	94
2010	772	8	42	822	(32)	6	79	53	875
2011	1,072	106	58	1,236	(34)	7	121	94	1,330
2012	469	433	68	970	(23)	4	95	76	1,046
2013	903	379	67	1,349	(31)	6	132	107	1,456
2014	1,505	629	63	2,197	(55)	13	268	226	2,423
2015	1,632	643	59	2,334	(70)	16	282	228	2,562
2016	1,413	336	62	1,811	(60)	12	226	178	1,989
2017	1,587	393	39	2,019	(76)	16	234	174	2,193
PAYs (sub-total):	9,741	2,824	760	13,325	(396)	82	1,523	1,209	14,534
CAY (2018)	1,466	1,861	(32)	3,295	(135)	27	389	281	3,576
claims liabilities:	11,207	4,685	728	16,620	(531)	109	1,912	1,490	18,110
	Unearned Premium	Premium Deficiency / (DPAC)		Total Provision	discount	investment PfAD	development PfAD	Total apvs	TOTAL*
premium liabilities:	4,061	(435)		3,626	(104)	21	287	204	3,626
policy liabilities:				20,246	(635)	130	2,199	1,694	21,736

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

Exhibit C-2

Projected Policy Liabilities – Alberta

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Non Private Passenger ending 2018	Alberta - Projected Balances as at Dec. 31, 2018 (\$000s)								
Acc Yr	nominal values				actuarial present value adjustments (apvs)				TOTAL
	Case	IBNR	Retro Claims Fee & Expense	Total Unpaid	discount	investment PfAD	development PfAD	Total apvs	
prior	-	14	4	18	-	-	5	5	23
1999	-	-	4	4	-	-	-	-	4
2000	-	-	7	7	-	-	1	1	8
2001	-	12	10	22	-	-	2	2	24
2002	-	4	22	26	-	-	2	2	28
2003	25	19	27	71	-	-	7	7	78
2004	534	(1)	12	545	(33)	7	51	25	570
2005	135	(20)	(57)	58	(3)	-	17	14	72
2006	26	61	3	90	(6)	1	8	3	93
2007	133	(15)	268	386	(29)	6	36	13	399
2008	898	(24)	343	1,217	(86)	18	113	45	1,262
2009	125	17	289	431	(36)	7	40	11	442
2010	278	42	181	501	(26)	6	47	27	528
2011	2,118	111	229	2,458	(106)	22	235	151	2,609
2012	1,961	141	310	2,412	(92)	19	232	159	2,571
2013	4,530	275	326	5,131	(144)	31	499	386	5,517
2014	4,266	569	333	5,168	(166)	31	621	486	5,654
2015	5,791	912	324	7,027	(232)	42	843	653	7,680
2016	5,277	1,286	377	6,940	(232)	48	869	685	7,625
2017	7,321	1,627	285	9,233	(342)	74	978	710	9,943
PAYs (sub-total):	33,418	5,030	3,297	41,745	(1,533)	312	4,606	3,385	45,130
CAY (2018)	9,213	6,543	(162)	15,594	(515)	112	1,714	1,311	16,905
claims liabilities:	42,631	11,573	3,135	57,339	(2,048)	424	6,320	4,696	62,035
	Unearned Premium	Premium Deficiency / (DPAC)		Total Provision	discount	investment PfAD	development PfAD	Total apvs	TOTAL*
premium liabilities:	24,243	(2,013)		22,230	(380)	82	1,210	912	22,230
*Total may not be sum of parts, as apvs apply to future costs within UPR									
policy liabilities:				79,569	(2,428)	506	7,530	5,608	84,265

Exhibit C-2

Projected Policy Liabilities – Alberta

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Alberta - Projected Balances as at Dec. 31, 2018 (\$000s)									
PPV & non-PPV ending 2018	nominal values				actuarial present value adjustments (apvs)				TOTAL
	Acc Yr	Case	IBNR	Retro Claims Fee & Expense	Total Unpaid	discount	investment PfAD	development PfAD	
prior	-	16	17	33	-	-	15	15	48
1999	-	11	13	24	-	-	2	2	26
2000	-	(16)	21	5	-	-	4	4	9
2001	-	24	29	53	-	-	5	5	58
2002	-	(11)	46	35	-	-	6	6	41
2003	45	(5)	70	110	-	-	11	11	121
2004	619	(25)	36	630	(38)	8	59	29	659
2005	305	(88)	(114)	103	(5)	-	32	27	130
2006	60	46	4	110	(7)	1	10	4	114
2007	133	(26)	335	442	(31)	6	44	19	461
2008	977	(3)	423	1,397	(86)	18	131	63	1,460
2009	125	41	354	520	(41)	8	49	16	536
2010	1,050	50	223	1,323	(58)	12	126	80	1,403
2011	3,190	217	287	3,694	(140)	29	356	245	3,939
2012	2,430	574	378	3,382	(115)	23	327	235	3,617
2013	5,433	654	393	6,480	(175)	37	631	493	6,973
2014	5,771	1,198	396	7,365	(221)	44	889	712	8,077
2015	7,423	1,555	383	9,361	(302)	58	1,125	881	10,242
2016	6,690	1,622	439	8,751	(292)	60	1,095	863	9,614
2017	8,908	2,020	324	11,252	(418)	90	1,212	884	12,136
PAYs (sub-total):	43,159	7,854	4,057	55,070	(1,929)	394	6,129	4,594	59,664
CAY (2018)	10,679	8,404	(194)	18,889	(650)	139	2,103	1,592	20,481
claims liabilities:	53,838	16,258	3,863	73,959	(2,579)	533	8,232	6,186	80,145
	Unearned Premium	Premium Deficiency / (DPAC)		Total Provision	discount	investment PfAD	development PfAD	Total apvs	TOTAL*
premium liabilities:	28,304	(2,448)		25,856	(484)	103	1,497	1,116	25,856
*Total may not be sum of parts, as apvs apply to future costs within UPR									
policy liabilities:				99,815	(3,063)	636	9,729	7,302	106,001

Exhibit C-3

Projected Policy Liabilities – Newfoundland & Labrador

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Private Passenger ending 2018	Newfoundland & Labrador - Projected Balances as at Dec. 31, 2018 (\$000s)									
	nominal values				actuarial present value adjustments (apvs)				TOTAL	
	Acc Yr	Case	IBNR	Retro Claims Fee & Expense	Total Unpaid	discount	investment PfAD	development PfAD		Total apvs
prior	-	(7)	-	(7)	-	-	2	2	(5)	
1999	-	4	(42)	(38)	-	-	4	4	(34)	
2000	-	(3)	(9)	(12)	-	-	1	1	(11)	
2001	-	(4)	7	3	-	-	1	1	4	
2002	-	-	28	28	-	-	3	3	31	
2003	-	1	51	52	-	-	5	5	57	
2004	456	(9)	74	521	-	-	52	52	573	
2005	-	3	26	29	(2)	-	3	1	30	
2006	-	1	50	51	-	-	5	5	56	
2007	153	(3)	80	230	-	-	23	23	253	
2008	131	13	33	177	(5)	1	17	13	190	
2009	219	7	71	297	(7)	1	29	23	320	
2010	114	2	115	231	(6)	2	24	20	251	
2011	644	(24)	150	770	(21)	5	75	59	829	
2012	1,811	27	161	1,999	(56)	12	195	151	2,150	
2013	2,408	94	182	2,684	(71)	16	289	234	2,918	
2014	4,001	238	157	4,396	(106)	22	460	376	4,772	
2015	4,065	164	218	4,447	(102)	22	477	397	4,844	
2016	4,104	121	299	4,524	(106)	22	495	411	4,935	
2017	5,483	230	252	5,965	(161)	36	639	514	6,479	
PAYs (sub-total):	23,589	855	1,903	26,347	(643)	139	2,799	2,295	28,642	
CAY (2018)	8,556	3,303	467	12,326	(354)	73	1,293	1,012	13,338	
claims liabilities:	32,145	4,158	2,370	38,673	(997)	212	4,092	3,307	41,980	
	Unearned Premium	Premium Deficiency / (DPAC)		Total Provision	discount	investment PfAD	development PfAD	Total apvs	TOTAL*	
premium liabilities:	12,534	(1,148)		11,386	(267)	47	886	666	12,072	
*Total may not be sum of parts, as apvs apply to future costs within UPR										
policy liabilities:				50,059	(1,264)	259	4,978	3,973	54,052	

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Projected Policy Liabilities – Newfoundland & Labrador

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Newfoundland & Labrador - Projected Balances as at Dec. 31, 2018 (\$000s)									
Non Private Passenger ending 2018	nominal values				actuarial present value adjustments (apvs)				TOTAL
	Acc Yr	Case	IBNR	Retro Claims Fee & Expense	Total Unpaid	discount	investment PfAD	development PfAD	
prior	-	(2)	-	(2)	-	-	-	-	(2)
1999	-	1	(12)	(11)	-	-	1	1	(10)
2000	-	-	(2)	(2)	-	-	-	-	(2)
2001	-	1	2	3	-	-	-	-	3
2002	-	1	6	7	-	-	1	1	8
2003	-	(1)	14	13	-	-	1	1	14
2004	-	(1)	22	21	-	-	2	2	23
2005	-	2	7	9	-	-	1	1	10
2006	-	3	25	28	-	-	3	3	31
2007	-	(1)	33	32	-	-	3	3	35
2008	-	-	20	20	-	-	2	2	22
2009	-	3	33	36	-	-	3	3	39
2010	140	-	33	173	-	-	17	17	190
2011	400	39	38	477	(17)	3	46	32	509
2012	1,431	40	36	1,507	(22)	4	149	131	1,638
2013	660	105	46	811	(12)	2	88	78	889
2014	1,069	45	46	1,160	(21)	3	122	104	1,264
2015	2,335	149	68	2,552	(53)	10	263	220	2,772
2016	2,138	522	103	2,763	(58)	13	289	244	3,007
2017	2,518	478	89	3,085	(71)	15	324	268	3,353
PAYs (sub-total):	10,691	1,384	607	12,682	(254)	50	1,315	1,111	13,793
CAY (2018)	3,484	1,726	156	5,366	(149)	32	557	440	5,806
claims liabilities:	14,175	3,110	763	18,048	(403)	82	1,872	1,551	19,599
	Unearned Premium	Premium Deficiency / (DPAC)		Total Provision	discount	investment PfAD	development PfAD	Total apvs	TOTAL*
premium liabilities:	3,918	(25)		3,893	(102)	19	294	211	4,111
*Total may not be sum of parts, as apvs apply to future costs within UPR									
policy liabilities:				21,941	(505)	101	2,166	1,762	23,710

Exhibit C-3

Projected Policy Liabilities – Newfoundland & Labrador

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PPV & non-PPV ending 2018	Newfoundland & Labrador - Projected Balances as at Dec. 31, 2018 (\$000s)									
	nominal values				actuarial present value adjustments (apvs)				TOTAL	
	Acc Yr	Case	IBNR	Retro Claims Fee & Expense	Total Unpaid	discount	investment PfAD	development PfAD		Total apvs
prior	-	(9)	-	(9)	-	-	2	2	(7)	
1999	-	5	(54)	(49)	-	-	5	5	(44)	
2000	-	(3)	(11)	(14)	-	-	1	1	(13)	
2001	-	(3)	9	6	-	-	1	1	7	
2002	-	1	34	35	-	-	4	4	39	
2003	-	-	65	65	-	-	6	6	71	
2004	456	(10)	96	542	-	-	54	54	596	
2005	-	5	33	38	(2)	-	4	2	40	
2006	-	4	75	79	-	-	8	8	87	
2007	153	(4)	113	262	-	-	26	26	288	
2008	131	13	53	197	(5)	1	19	15	212	
2009	219	10	104	333	(7)	1	32	26	359	
2010	254	2	148	404	(6)	2	41	37	441	
2011	1,044	15	188	1,247	(38)	8	121	91	1,338	
2012	3,242	67	197	3,506	(78)	16	344	282	3,788	
2013	3,068	199	228	3,495	(83)	18	377	312	3,807	
2014	5,070	283	203	5,556	(127)	25	582	480	6,036	
2015	6,400	313	286	6,999	(155)	32	740	617	7,616	
2016	6,242	643	402	7,287	(164)	35	784	655	7,942	
2017	8,001	708	341	9,050	(232)	51	963	782	9,832	
PAYs (sub-total):	34,280	2,239	2,510	39,029	(897)	189	4,114	3,406	42,435	
CAY (2018)	12,040	5,029	623	17,692	(503)	105	1,850	1,452	19,144	
claims liabilities:	46,320	7,268	3,133	56,721	(1,400)	294	5,964	4,858	61,579	
	Unearned Premium	Premium Deficiency / (DPAC)		Total Provision	discount	investment PfAD	development PfAD	Total apvs	TOTAL*	
premium liabilities:	16,452	(1,173)		15,279	(369)	66	1,180	877	16,183	
					*Total may not be sum of parts, as apvs apply to future costs within UPR					
policy liabilities:				72,000	(1,769)	360	7,144	5,735	77,762	

Exhibit C-4

Projected Policy Liabilities – New Brunswick

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Private Passenger ending 2018	New Brunswick - Projected Balances as at Dec. 31, 2018 (\$000s)									
	nominal values				actuarial present value adjustments (apvs)				TOTAL	
	Acc Yr	Case	IBNR	Retro Claims Fee & Expense	Total Unpaid	discount	investment PfAD	development PfAD		Total apvs
prior	-	12	8	20	-	-	2	2	22	
1999	-	3	3	6	-	-	-	-	6	
2000	-	3	2	5	-	-	-	-	5	
2001	-	(1)	9	8	-	-	1	1	9	
2002	-	(10)	24	14	-	-	3	3	17	
2003	160	(13)	(8)	139	-	-	16	16	155	
2004	-	8	(16)	(8)	-	-	3	3	(5)	
2005	134	(5)	(45)	84	-	-	18	18	102	
2006	-	13	40	53	(4)	1	5	2	55	
2007	-	9	69	78	(2)	-	8	6	84	
2008	154	184	75	413	(12)	2	41	31	444	
2009	174	(30)	82	226	(9)	2	21	14	240	
2010	198	39	56	293	(11)	2	29	20	313	
2011	644	134	87	865	(27)	6	85	64	929	
2012	538	57	107	702	(20)	5	68	53	755	
2013	1,547	72	152	1,771	(33)	6	183	156	1,927	
2014	2,094	4	133	2,231	(42)	8	290	256	2,487	
2015	2,561	4	104	2,669	(56)	10	333	287	2,956	
2016	2,276	20	158	2,454	(60)	12	305	257	2,711	
2017	2,713	90	140	2,943	(88)	18	356	286	3,229	
PAYs (sub-total):	13,193	593	1,180	14,966	(364)	72	1,767	1,475	16,441	
CAY (2018)	3,337	1,706	78	5,121	(184)	36	641	493	5,614	
claims liabilities:	16,530	2,299	1,258	20,087	(548)	108	2,408	1,968	22,055	
	Unearned Premium	Premium Deficiency / (DPAC)		Total Provision	discount	investment PfAD	development PfAD	Total apvs	TOTAL*	
premium liabilities:	6,478	(693)		5,785	(119)	22	396	299	5,785	
*Total may not be sum of parts, as apvs apply to future costs within UPR										
policy liabilities:				25,872	(667)	130	2,804	2,267	27,840	

Exhibit C-4

Projected Policy Liabilities – New Brunswick

page 2 of 3

Non Private Passenger ending 2018	New Brunswick - Projected Balances as at Dec. 31, 2018 (\$000s)								
	nominal values				actuarial present value adjustments (apvs)				TOTAL
	Acc Yr	Case	IBNR	Retro Claims Fee & Expense	Total Unpaid	discount	investment PfAD	development PfAD	
prior	-	(2)	2	-	-	-	-	-	-
1999	-	(2)	2	-	-	-	-	-	-
2000	-	(2)	2	-	-	-	-	-	-
2001	-	-	6	6	-	-	1	1	7
2002	-	5	16	21	-	-	3	3	24
2003	-	(2)	(2)	(4)	-	-	-	-	(4)
2004	-	-	(18)	(18)	-	-	2	2	(16)
2005	58	5	(39)	24	-	-	10	10	34
2006	131	-	35	166	(10)	2	16	8	174
2007	48	168	70	286	(14)	3	28	17	303
2008	27	(2)	75	100	-	-	10	10	110
2009	145	10	86	241	(14)	3	23	12	253
2010	104	13	61	178	(6)	1	18	13	191
2011	406	95	82	583	(12)	2	57	47	630
2012	652	68	99	819	(16)	3	81	68	887
2013	2,744	(642)	127	2,229	(44)	8	224	188	2,417
2014	1,433	65	104	1,602	(32)	7	198	173	1,775
2015	1,131	(2)	80	1,209	(27)	6	148	127	1,336
2016	1,102	10	112	1,224	(30)	6	150	126	1,350
2017	1,633	8	101	1,742	(61)	12	205	156	1,898
PAYs (sub-total):	9,614	(207)	1,001	10,408	(266)	53	1,174	961	11,369
CAY (2018)	1,284	1,244	44	2,572	(96)	19	318	241	2,813
claims liabilities:	10,898	1,037	1,045	12,980	(362)	72	1,492	1,202	14,182
	Unearned Premium	Premium Deficiency / (DPAC)		Total Provision	discount	investment PfAD	development PfAD	Total apvs	TOTAL*
premium liabilities:	3,852	(296)		3,556	(64)	12	194	142	3,556
*Total may not be sum of parts, as apvs apply to future costs within UPR									
policy liabilities:				16,536	(426)	84	1,686	1,344	17,738

Exhibit C-4

Projected Policy Liabilities – New Brunswick

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PPV & non-PPV ending 2018	New Brunswick - Projected Balances as at Dec. 31, 2018 (\$000s)									
	nominal values				actuarial present value adjustments (apvs)				TOTAL	
	Acc Yr	Case	IBNR	Retro Claims Fee & Expense	Total Unpaid	discount	investment PfAD	development PfAD		Total apvs
prior	-	10	10	20	-	-	2	2	22	
1999	-	1	5	6	-	-	-	-	6	
2000	-	1	4	5	-	-	-	-	5	
2001	-	(1)	15	14	-	-	2	2	16	
2002	-	(5)	40	35	-	-	6	6	41	
2003	160	(15)	(10)	135	-	-	16	16	151	
2004	-	8	(34)	(26)	-	-	5	5	(21)	
2005	192	-	(84)	108	-	-	28	28	136	
2006	131	13	75	219	(14)	3	21	10	229	
2007	48	177	139	364	(16)	3	36	23	387	
2008	181	182	150	513	(12)	2	51	41	554	
2009	319	(20)	168	467	(23)	5	44	26	493	
2010	302	52	117	471	(17)	3	47	33	504	
2011	1,050	229	169	1,448	(39)	8	142	111	1,559	
2012	1,190	125	206	1,521	(36)	8	149	121	1,642	
2013	4,291	(570)	279	4,000	(77)	14	407	344	4,344	
2014	3,527	69	237	3,833	(74)	15	488	429	4,262	
2015	3,692	2	184	3,878	(83)	16	481	414	4,292	
2016	3,378	30	270	3,678	(90)	18	455	383	4,061	
2017	4,346	98	241	4,685	(149)	30	561	442	5,127	
PAYs (sub-total):	22,807	386	2,181	25,374	(630)	125	2,941	2,436	27,810	
CAY (2018)	4,621	2,950	122	7,693	(280)	55	959	734	8,427	
claims liabilities:	27,428	3,336	2,303	33,067	(910)	180	3,900	3,170	36,237	
	Unearned Premium	Premium Deficiency / (DPAC)		Total Provision	discount	investment PfAD	development PfAD	Total apvs	TOTAL*	
premium liabilities:	10,330	(989)		9,341	(183)	34	590	441	9,341	
					*Total may not be sum of parts, as apvs apply to future costs within UPR					
policy liabilities:				42,408	(1,093)	214	4,490	3,611	45,578	

Exhibit C-5

Projected Policy Liabilities – Nova Scotia

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Private Passenger ending 2018	Nova Scotia - Projected Balances as at Dec. 31, 2018 (\$000s)									
	nominal values				actuarial present value adjustments (apvs)				TOTAL	
	Acc Yr	Case	IBNR	Retro Claims Fee & Expense	Total Unpaid	discount	investment PfAD	development PfAD		Total apvs
prior	-	5	(23)	(18)	-	-	8	8	(10)	
1999	-	(2)	2	-	-	-	-	-	-	
2000	-	-	4	4	-	-	-	-	4	
2001	-	3	11	14	-	-	1	1	15	
2002	-	12	1	13	-	-	1	1	14	
2003	-	(15)	35	20	-	-	6	6	26	
2004	16	3	75	94	-	-	10	10	104	
2005	73	(17)	13	69	-	-	7	7	76	
2006	-	12	216	228	(16)	3	21	8	236	
2007	125	(22)	181	284	-	-	28	28	312	
2008	37	(9)	247	275	(17)	3	27	13	288	
2009	208	33	180	421	(21)	4	40	23	444	
2010	279	(115)	100	264	(8)	2	25	19	283	
2011	78	4	86	168	(4)	-	17	13	181	
2012	285	28	78	391	(10)	2	38	30	421	
2013	895	24	85	1,004	(35)	8	117	90	1,094	
2014	740	134	53	927	(28)	5	124	101	1,028	
2015	969	260	65	1,294	(41)	9	160	128	1,422	
2016	905	369	60	1,334	(43)	9	172	138	1,472	
2017	1,708	370	84	2,162	(76)	16	267	207	2,369	
PAYs (sub-total):	6,318	1,077	1,553	8,948	(299)	61	1,069	831	9,779	
CAY (2018)	2,009	1,409	76	3,494	(124)	25	438	339	3,833	
claims liabilities:	8,327	2,486	1,629	12,442	(423)	86	1,507	1,170	13,612	
	Unearned Premium	Premium Deficiency / (DPAC)		Total Provision	discount	investment PfAD	development PfAD	Total apvs	TOTAL*	
premium liabilities:	3,838	(415)		3,423	(77)	13	282	218	3,538	
*Total may not be sum of parts, as apvs apply to future costs within UPR										
policy liabilities:				15,865	(500)	99	1,789	1,388	17,150	

Exhibit C-5

Projected Policy Liabilities – Nova Scotia

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Non Private Passenger ending 2018	Nova Scotia - Projected Balances as at Dec. 31, 2018 (\$000s)								
	nominal values				actuarial present value adjustments (apvs)				TOTAL
	Acc Yr	Case	IBNR	Retro Claims Fee & Expense	Total Unpaid	discount	investment PfAD	development PfAD	
prior	-	4	(6)	(2)	-	-	1	1	(1)
1999	-	1	1	2	-	-	-	-	2
2000	-	1	2	3	-	-	-	-	3
2001	-	1	4	5	-	-	-	-	5
2002	-	2	-	2	-	-	-	-	2
2003	-	(5)	11	6	-	-	2	2	8
2004	-	5	24	29	-	-	3	3	32
2005	-	3	3	6	-	-	-	-	6
2006	56	(1)	53	108	-	-	11	11	119
2007	-	(5)	42	37	(3)	1	4	2	39
2008	69	60	72	201	(6)	1	20	15	216
2009	-	(6)	72	66	(5)	1	7	3	69
2010	221	(50)	69	240	-	-	24	24	264
2011	155	3	84	242	(16)	3	22	9	251
2012	319	22	88	429	(23)	5	41	23	452
2013	1,472	27	106	1,605	(87)	17	173	103	1,708
2014	1,199	(167)	71	1,103	(42)	8	151	117	1,220
2015	876	549	89	1,514	(51)	11	180	140	1,654
2016	1,032	651	83	1,766	(59)	13	220	174	1,940
2017	1,717	532	116	2,365	(78)	17	292	231	2,596
PAYs (sub-total):	7,116	1,627	984	9,727	(370)	77	1,151	858	10,585
CAY (2018)	2,063	1,881	115	4,059	(143)	29	504	390	4,449
claims liabilities:	9,179	3,508	1,099	13,786	(513)	106	1,655	1,248	15,034
	Unearned Premium	Premium Deficiency / (DPAC)		Total Provision	discount	investment PfAD	development PfAD	Total apvs	TOTAL*
premium liabilities:	5,042	(373)		4,669	(100)	18	309	227	4,669
*Total may not be sum of parts, as apvs apply to future costs within UPR									
policy liabilities:				18,455	(613)	124	1,964	1,475	19,703

Exhibit C-5

Projected Policy Liabilities – Nova Scotia

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PPV & non-PPV ending 2018	Nova Scotia - Projected Balances as at Dec. 31, 2018 (\$000s)								
	nominal values				actuarial present value adjustments (apvs)				TOTAL
	Acc Yr	Case	IBNR	Retro Claims Fee & Expense	Total Unpaid	discount	investment PfAD	development PfAD	
prior	-	9	(29)	(20)	-	-	9	9	(11)
1999	-	(1)	3	2	-	-	-	-	2
2000	-	1	6	7	-	-	-	-	7
2001	-	4	15	19	-	-	1	1	20
2002	-	14	1	15	-	-	1	1	16
2003	-	(20)	46	26	-	-	8	8	34
2004	16	8	99	123	-	-	13	13	136
2005	73	(14)	16	75	-	-	7	7	82
2006	56	11	269	336	(16)	3	32	19	355
2007	125	(27)	223	321	(3)	1	32	30	351
2008	106	51	319	476	(23)	4	47	28	504
2009	208	27	252	487	(26)	5	47	26	513
2010	500	(165)	169	504	(8)	2	49	43	547
2011	233	7	170	410	(20)	3	39	22	432
2012	604	50	166	820	(33)	7	79	53	873
2013	2,367	51	191	2,609	(122)	25	290	193	2,802
2014	1,939	(33)	124	2,030	(70)	13	275	218	2,248
2015	1,845	809	154	2,808	(92)	20	340	268	3,076
2016	1,937	1,020	143	3,100	(102)	22	392	312	3,412
2017	3,425	902	200	4,527	(154)	33	559	438	4,965
PAYs (sub-total):	13,434	2,704	2,537	18,675	(669)	138	2,220	1,689	20,364
CAY (2018)	4,072	3,290	191	7,553	(267)	54	942	729	8,282
claims liabilities:	17,506	5,994	2,728	26,228	(936)	192	3,162	2,418	28,646
	Unearned Premium	Premium Deficiency / (DPAC)		Total Provision	discount	investment PfAD	development PfAD	Total apvs	TOTAL*
premium liabilities:	8,880	(788)		8,092	(177)	31	591	445	8,207
*Total may not be sum of parts, as apvs apply to future costs within UPR									
policy liabilities:				34,320	(1,113)	223	3,753	2,863	36,853

Exhibit C-6

Projected Policy Liabilities – Prince Edward Island

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Private Passenger ending 2018	Prince Edward Island - Projected Balances as at Dec. 31, 2018 (\$000s)									
	nominal values					actuarial present value adjustments (apvs)				TOTAL
	Acc Yr	Case	IBNR	Retro Claims Fee & Expense	Total Unpaid	discount	investment PfAD	development PfAD	Total apvs	
prior	-	-	2	2	-	-	-	-	2	
1999	-	(1)	1	-	-	-	-	-	-	
2000	-	(1)	2	1	-	-	-	-	1	
2001	-	(1)	2	1	-	-	-	-	1	
2002	-	1	10	11	-	-	1	1	12	
2003	-	(1)	14	13	-	-	1	1	14	
2004	-	4	14	18	-	-	1	1	19	
2005	10	(4)	24	30	-	-	3	3	33	
2006	-	-	(104)	(104)	2	-	10	12	(92)	
2007	-	(1)	20	19	-	-	2	2	21	
2008	-	(1)	24	23	-	-	2	2	25	
2009	-	-	24	24	-	-	2	2	26	
2010	207	1	24	232	-	-	23	23	255	
2011	416	-	24	440	(14)	3	43	32	472	
2012	-	5	(8)	(3)	-	-	2	2	(1)	
2013	16	8	24	48	(2)	-	7	5	53	
2014	278	12	30	320	(10)	2	30	22	342	
2015	939	(282)	24	681	(22)	5	84	67	748	
2016	670	3	44	717	(21)	4	93	76	793	
2017	505	2	30	537	(16)	3	69	56	593	
PAYs (sub-total):	3,041	(256)	225	3,010	(83)	17	373	307	3,317	
CAY (2018)	546	302	(8)	840	(28)	6	115	93	933	
claims liabilities:	3,587	46	217	3,850	(111)	23	488	400	4,250	
	Unearned Premium	Premium Deficiency / (DPAC)		Total Provision	discount	investment PfAD	development PfAD	Total apvs	TOTAL*	
premium liabilities:	1,366	(147)		1,219	(23)	4	67	48	1,219	
policy liabilities:				5,069	(134)	27	555	448	5,469	

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

Exhibit C-6

Projected Policy Liabilities – Prince Edward Island

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Non Private Passenger ending 2018	Prince Edward Island - Projected Balances as at Dec. 31, 2018 (\$000s)									
	nominal values				actuarial present value adjustments (apvs)				TOTAL	
	Acc Yr	Case	IBNR	Retro Claims Fee & Expense	Total Unpaid	discount	investment PfAD	development PfAD		Total apvs
prior	-	-	-	-	-	-	-	-	-	-
1999	-	-	-	-	-	-	-	-	-	-
2000	-	-	-	-	-	-	-	-	-	-
2001	-	-	1	-	1	-	-	-	-	1
2002	-	-	(1)	2	1	-	-	-	-	1
2003	-	-	(1)	2	1	-	-	-	-	1
2004	-	-	-	3	3	-	-	-	-	3
2005	-	-	-	10	10	-	-	1	1	11
2006	-	-	-	(24)	(24)	-	-	2	2	(22)
2007	-	-	-	8	8	-	-	1	1	9
2008	-	-	-	19	19	-	-	2	2	21
2009	-	-	-	19	19	-	-	2	2	21
2010	-	-	-	17	17	-	-	2	2	19
2011	138	(45)	21	114	-	-	11	11	11	125
2012	306	24	(5)	325	(17)	3	32	18	18	343
2013	13	28	24	65	(5)	1	8	4	4	69
2014	207	37	28	272	(10)	2	25	17	17	289
2015	217	33	24	274	(10)	2	33	25	25	299
2016	467	(2)	37	502	(18)	4	58	44	44	546
2017	392	15	24	431	(14)	2	53	41	41	472
PAYs (sub-total):	1,740	89	209	2,038	(74)	14	230	170	170	2,208
CAY (2018)	424	303	(10)	717	(23)	4	92	73	73	790
claims liabilities:	2,164	392	199	2,755	(97)	18	322	243	243	2,998
	Unearned Premium	Premium Deficiency / (DPAC)		Total Provision	discount	investment PfAD	development PfAD	Total apvs		TOTAL*
premium liabilities:	940	(73)		867	(14)	2	49	37		867
*Total may not be sum of parts, as apvs apply to future costs within UPR										
policy liabilities:				3,622	(111)	20	371	280		3,865

Exhibit C-6

Projected Policy Liabilities – Prince Edward Island

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PPV & non-PPV ending 2018	Prince Edward Island - Projected Balances as at Dec. 31, 2018 (\$000s)								
	nominal values				actuarial present value adjustments (apvs)				TOTAL
	Case	IBNR	Retro Claims Fee & Expense	Total Unpaid	discount	investment PfAD	development PfAD	Total apvs	
Acc Yr									
prior	-	-	2	2	-	-	-	-	2
1999	-	(1)	1	-	-	-	-	-	-
2000	-	(1)	2	1	-	-	-	-	1
2001	-	-	2	2	-	-	-	-	2
2002	-	-	12	12	-	-	1	1	13
2003	-	(2)	16	14	-	-	1	1	15
2004	-	4	17	21	-	-	1	1	22
2005	10	(4)	34	40	-	-	4	4	44
2006	-	-	(128)	(128)	2	-	12	14	(114)
2007	-	(1)	28	27	-	-	3	3	30
2008	-	(1)	43	42	-	-	4	4	46
2009	-	-	43	43	-	-	4	4	47
2010	207	1	41	249	-	-	25	25	274
2011	554	(45)	45	554	(14)	3	54	43	597
2012	306	29	(13)	322	(17)	3	34	20	342
2013	29	36	48	113	(7)	1	15	9	122
2014	485	49	58	592	(20)	4	55	39	631
2015	1,156	(249)	48	955	(32)	7	117	92	1,047
2016	1,137	1	81	1,219	(39)	8	151	120	1,339
2017	897	17	54	968	(30)	5	122	97	1,065
PAYs (sub-total):	4,781	(167)	434	5,048	(157)	31	603	477	5,525
CAY (2018)	970	605	(18)	1,557	(51)	10	207	166	1,723
claims liabilities:	5,751	438	416	6,605	(208)	41	810	643	7,248
	Unearned Premium	Premium Deficiency / (DPAC)		Total Provision	discount	investment PfAD	development PfAD	Total apvs	TOTAL*
premium liabilities:	2,306	(220)		2,086	(37)	6	116	85	2,086
*Total may not be sum of parts, as apvs apply to future costs within UPR									
policy liabilities:				8,691	(245)	47	926	728	9,334

Exhibit C-7

Projected Policy Liabilities – Yukon

page 1 of 3

Private Passenger ending 2018	Yukon - Projected Balances as at Dec. 31, 2018 (\$000s)									
	nominal values				actuarial present value adjustments (apvs)				TOTAL	
	Acc Yr	Case	IBNR	Retro Claims Fee & Expense	Total Unpaid	discount	investment PfAD	development PfAD		Total apvs
prior	-	2	-	2	-	-	-	-	2	
1999	-	1	-	1	-	-	-	-	1	
2000	-	-	-	-	-	-	-	-	-	
2001	-	1	-	1	-	-	-	-	1	
2002	-	-	-	-	-	-	-	-	-	
2003	-	1	-	1	-	-	-	-	1	
2004	-	-	-	-	-	-	-	-	-	
2005	-	-	(32)	(32)	-	-	3	3	(29)	
2006	-	-	11	11	-	-	1	1	12	
2007	-	-	12	12	-	-	1	1	13	
2008	-	5	12	17	-	-	2	2	19	
2009	-	5	8	13	(1)	-	2	1	14	
2010	53	6	5	64	(2)	-	7	5	69	
2011	-	11	6	17	-	-	2	2	19	
2012	-	24	7	31	(1)	-	3	2	33	
2013	2	29	(3)	28	(1)	-	4	3	31	
2014	2	67	6	75	(2)	-	10	8	83	
2015	913	103	6	1,022	(29)	6	124	101	1,123	
2016	154	70	4	228	(7)	2	29	24	252	
2017	160	37	3	200	(8)	2	24	18	218	
PAYs (sub-total):	1,284	362	45	1,691	(51)	10	212	171	1,862	
CAY (2018)	138	125	(6)	257	(11)	2	33	24	281	
claims liabilities:	1,422	487	39	1,948	(62)	12	245	195	2,143	
	Unearned Premium	Premium Deficiency / (DPAC)		Total Provision	discount	investment PfAD	development PfAD	Total apvs	TOTAL*	
premium liabilities:	249	(28)		221	(7)	1	19	13	221	
policy liabilities:				2,169	(69)	13	264	208	2,364	

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

Exhibit C-7

Projected Policy Liabilities – Yukon

page 2 of 3

Non Private Passenger ending 2018	Yukon - Projected Balances as at Dec. 31, 2018 (\$000s)								
	nominal values				actuarial present value adjustments (apvs)				TOTAL
	Acc Yr	Case	IBNR	Retro Claims Fee & Expense	Total Unpaid	discount	investment PfAD	development PfAD	
prior	-	1	-	1	-	-	-	-	1
1999	-	-	-	-	-	-	-	-	-
2000	-	-	-	-	-	-	-	-	-
2001	-	-	-	-	-	-	-	-	-
2002	-	-	-	-	-	-	-	-	-
2003	-	-	-	-	-	-	-	-	-
2004	-	-	-	-	-	-	-	-	-
2005	-	-	(24)	(24)	-	-	2	2	(22)
2006	-	-	6	6	-	-	1	1	7
2007	-	-	7	7	-	-	1	1	8
2008	-	1	7	8	-	-	1	1	9
2009	-	-	7	7	-	-	1	1	8
2010	-	1	6	7	-	-	1	1	8
2011	-	2	7	9	-	-	1	1	10
2012	58	10	8	76	(2)	1	8	7	83
2013	(1)	24	(4)	19	(1)	-	3	2	21
2014	5	68	9	82	(2)	-	10	8	90
2015	351	90	9	450	(15)	3	54	42	492
2016	62	25	6	93	(3)	1	14	12	105
2017	101	82	9	192	(7)	1	23	17	209
PAYs (sub-total):	576	304	53	933	(30)	6	120	96	1,029
CAY (2018)	257	240	(11)	486	(15)	3	59	47	533
claims liabilities:	833	544	42	1,419	(45)	9	179	143	1,562
	Unearned Premium	Premium Deficiency / (DPAC)		Total Provision	discount	investment PfAD	development PfAD	Total apvs	TOTAL*
premium liabilities:	628	(52)		576	(11)	2	34	25	576
*Total may not be sum of parts, as apvs apply to future costs within UPR									
policy liabilities:				1,995	(56)	11	213	168	2,138

Exhibit C-7

Projected Policy Liabilities – Yukon

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PPV & non-PPV ending 2018	Yukon - Projected Balances as at Dec. 31, 2018 (\$000s)								
	nominal values				actuarial present value adjustments (apvs)				TOTAL
	Acc Yr	Case	IBNR	Retro Claims Fee & Expense	Total Unpaid	discount	investment PfAD	development PfAD	
prior	-	3	-	3	-	-	-	-	3
1999	-	1	-	1	-	-	-	-	1
2000	-	-	-	-	-	-	-	-	-
2001	-	1	-	1	-	-	-	-	1
2002	-	-	-	-	-	-	-	-	-
2003	-	1	-	1	-	-	-	-	1
2004	-	-	-	-	-	-	-	-	-
2005	-	-	(56)	(56)	-	-	5	5	(51)
2006	-	-	17	17	-	-	2	2	19
2007	-	-	19	19	-	-	2	2	21
2008	-	6	19	25	-	-	3	3	28
2009	-	5	15	20	(1)	-	3	2	22
2010	53	7	11	71	(2)	-	8	6	77
2011	-	13	13	26	-	-	3	3	29
2012	58	34	15	107	(3)	1	11	9	116
2013	1	53	(7)	47	(2)	-	7	5	52
2014	7	135	15	157	(4)	-	20	16	173
2015	1,264	193	15	1,472	(44)	9	178	143	1,615
2016	216	95	10	321	(10)	3	43	36	357
2017	261	119	12	392	(15)	3	47	35	427
PAYs (sub-total):	1,860	666	98	2,624	(81)	16	332	267	2,891
CAY (2018)	395	365	(17)	743	(26)	5	92	71	814
claims liabilities:	2,255	1,031	81	3,367	(107)	21	424	338	3,705
	Unearned Premium	Premium Deficiency / (DPAC)		Total Provision	discount	investment PfAD	development PfAD	Total apvs	TOTAL*
premium liabilities:	877	(80)		797	(18)	3	53	38	797
policy liabilities:				4,164	(125)	24	477	376	4,502

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

Exhibit C-8

Projected Policy Liabilities – Northwest Territories

page 1 of 3

Private Passenger ending 2018	Northwest Territories - Projected Balances as at Dec. 31, 2018 (\$000s)									
	nominal values				actuarial present value adjustments (apvs)				TOTAL	
	Acc Yr	Case	IBNR	Retro Claims Fee & Expense	Total Unpaid	discount	investment PfAD	development PfAD		Total apvs
prior	-	-	-	-	-	-	-	-	-	-
1999	-	1	-	-	1	-	-	-	-	1
2000	-	(1)	-	-	(1)	-	-	-	-	(1)
2001	-	1	-	-	1	-	-	-	-	1
2002	-	1	-	-	1	-	-	-	-	1
2003	-	1	-	-	1	-	-	-	-	1
2004	-	(2)	-	-	(2)	-	-	-	-	(2)
2005	-	-	13	13	13	-	-	1	1	14
2006	-	(3)	15	12	12	-	-	2	2	14
2007	-	(3)	24	21	21	-	-	2	2	23
2008	-	9	34	43	43	-	-	4	4	47
2009	102	3	31	136	136	(10)	2	12	4	140
2010	-	4	24	28	28	(1)	-	2	1	29
2011	60	6	27	93	93	(3)	-	10	7	100
2012	80	14	28	122	122	(3)	-	12	9	131
2013	211	(116)	27	122	122	(3)	-	13	10	132
2014	864	(154)	7	717	717	(19)	4	94	79	796
2015	884	14	26	924	924	(28)	5	122	99	1,023
2016	343	10	6	359	359	(13)	2	46	35	394
2017	568	6	21	595	595	(23)	5	70	52	647
PAYs (sub-total):	3,112	(209)	283	3,186	3,186	(103)	18	390	305	3,491
CAY (2018)	507	333	(63)	777	777	(32)	7	107	82	859
claims liabilities:	3,619	124	220	3,963	3,963	(135)	25	497	387	4,350
	Unearned Premium	Premium Deficiency / (DPAC)		Total Provision		discount	investment PfAD	development PfAD	Total apvs	TOTAL*
premium liabilities:	1,264	(138)		1,126		(13)	3	56	46	1,126
*Total may not be sum of parts, as apvs apply to future costs within UPR										
policy liabilities:				5,089		(148)	28	553	433	5,476

Exhibit C-8

Projected Policy Liabilities – Northwest Territories

page 2 of 3

Non Private Passenger ending 2018	Northwest Territories - Projected Balances as at Dec. 31, 2018 (\$000s)									
	nominal values				actuarial present value adjustments (apvs)				TOTAL	
	Acc Yr	Case	IBNR	Retro Claims Fee & Expense	Total Unpaid	discount	investment PfAD	development PfAD		Total apvs
prior	-	1	-	1	-	-	-	-	1	
1999	-	1	-	1	-	-	-	-	1	
2000	-	-	-	-	-	-	-	-	-	
2001	-	-	-	-	-	-	-	-	-	
2002	-	-	-	-	-	-	-	-	-	
2003	-	(1)	-	(1)	-	-	-	-	(1)	
2004	-	-	-	-	-	-	-	-	-	
2005	-	-	4	4	-	-	-	-	4	
2006	-	1	4	5	-	-	-	-	5	
2007	-	-	7	7	-	-	1	1	8	
2008	-	-	10	10	-	-	1	1	11	
2009	-	-	9	9	-	-	1	1	10	
2010	-	1	8	9	-	-	1	1	10	
2011	-	-	9	9	-	-	1	1	10	
2012	-	-	10	10	-	-	1	1	11	
2013	337	14	10	361	(11)	2	35	26	387	
2014	511	84	2	597	(19)	4	74	59	656	
2015	(4)	45	8	49	(1)	-	10	9	58	
2016	(7)	186	3	182	(6)	1	20	15	197	
2017	81	140	10	231	(8)	2	26	20	251	
PAYs (sub-total):	918	472	94	1,484	(45)	9	171	135	1,619	
CAY (2018)	120	262	(29)	353	(13)	3	46	36	389	
claims liabilities:	1,038	734	65	1,837	(58)	12	217	171	2,008	
	Unearned Premium	Premium Deficiency / (DPAC)		Total Provision	discount	investment PfAD	development PfAD	Total apvs	TOTAL*	
premium liabilities:	563	(46)		517	(7)	1	20	14	517	
*Total may not be sum of parts, as apvs apply to future costs within UPR										
policy liabilities:				2,354	(65)	13	237	185	2,525	

Exhibit C-8

Projected Policy Liabilities – Northwest Territories

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PPV & non-PPV ending 2018	Northwest Territories - Projected Balances as at Dec. 31, 2018 (\$000s)								
	nominal values				actuarial present value adjustments (apvs)				TOTAL
	Acc Yr	Case	IBNR	Retro Claims Fee & Expense	Total Unpaid	discount	investment PfAD	development PfAD	
prior	-	1	-	1	-	-	-	-	1
1999	-	2	-	2	-	-	-	-	2
2000	-	(1)	-	(1)	-	-	-	-	(1)
2001	-	1	-	1	-	-	-	-	1
2002	-	1	-	1	-	-	-	-	1
2003	-	-	-	-	-	-	-	-	-
2004	-	(2)	-	(2)	-	-	-	-	(2)
2005	-	-	17	17	-	-	1	1	18
2006	-	(2)	19	17	-	-	2	2	19
2007	-	(3)	31	28	-	-	3	3	31
2008	-	9	44	53	-	-	5	5	58
2009	102	3	40	145	(10)	2	13	5	150
2010	-	5	32	37	(1)	-	3	2	39
2011	60	6	36	102	(3)	-	11	8	110
2012	80	14	38	132	(3)	-	13	10	142
2013	548	(102)	37	483	(14)	2	48	36	519
2014	1,375	(70)	9	1,314	(38)	8	168	138	1,452
2015	880	59	34	973	(29)	5	132	108	1,081
2016	336	196	9	541	(19)	3	66	50	591
2017	649	146	31	826	(31)	7	96	72	898
PAYs (sub-total):	4,030	263	377	4,670	(148)	27	561	440	5,110
CAY (2018)	627	595	(92)	1,130	(45)	10	153	118	1,248
claims liabilities:	4,657	858	285	5,800	(193)	37	714	558	6,358
	Unearned Premium	Premium Deficiency / (DPAC)		Total Provision	discount	investment PfAD	development PfAD	Total apvs	TOTAL*
premium liabilities:	1,827	(184)		1,643	(20)	4	76	60	1,643
*Total may not be sum of parts, as apvs apply to future costs within UPR									
policy liabilities:				7,443	(213)	41	790	618	8,001

Exhibit C-9

Projected Policy Liabilities – Nunavut

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Private Passenger ending 2018	Nunavut - Projected Balances as at Dec. 31, 2018 (\$000s)									
	nominal values				actuarial present value adjustments (apvs)				TOTAL	
	Acc Yr	Case	IBNR	Retro Claims Fee & Expense	Total Unpaid	discount	investment PfAD	development PfAD		Total apvs
prior	-	-	-	-	-	-	-	-	-	-
1999	-	-	-	-	-	-	-	-	-	-
2000	-	-	-	-	-	-	-	-	-	-
2001	-	(1)	-	(1)	-	-	-	-	-	(1)
2002	-	(1)	-	(1)	-	-	-	-	-	(1)
2003	-	-	-	-	-	-	-	-	-	-
2004	-	-	-	-	-	-	-	-	-	-
2005	-	-	-	-	-	-	-	-	-	-
2006	-	-	-	-	-	-	-	-	-	-
2007	-	-	3	3	3	-	-	-	-	3
2008	-	1	5	6	6	-	-	1	1	7
2009	-	-	6	6	6	-	-	1	1	7
2010	-	3	6	9	9	-	-	1	1	10
2011	-	4	7	11	11	-	-	1	1	12
2012	46	8	8	62	62	(1)	-	6	5	67
2013	-	16	(10)	6	6	-	-	3	3	9
2014	(1)	24	3	26	26	(1)	-	4	3	29
2015	22	77	6	105	105	(3)	1	15	13	118
2016	32	67	3	102	102	(3)	1	13	11	113
2017	42	10	3	55	55	(2)	-	6	4	59
PAYs (sub-total):	141	208	40	389	389	(10)	2	51	43	432
CAY (2018)	19	61	(9)	71	71	(3)	1	11	9	80
claims liabilities:	160	269	31	460	460	(13)	3	62	52	512
	Unearned Premium	Premium Deficiency / (DPAC)		Total Provision		discount	investment PfAD	development PfAD	Total apvs	TOTAL*
premium liabilities:	212	(23)		189		(1)	-	6	5	189
policy liabilities:				649		(14)	3	68	57	701

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

Exhibit C-9

Projected Policy Liabilities – Nunavut

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Non Private Passenger ending 2018	Nunavut - Projected Balances as at Dec. 31, 2018 (\$000s)									
	nominal values				actuarial present value adjustments (apvs)				TOTAL	
	Acc Yr	Case	IBNR	Retro Claims Fee & Expense	Total Unpaid	discount	investment PfAD	development PfAD		Total apvs
prior	-	-	-	-	-	-	-	-	-	-
1999	-	-	-	-	-	-	-	-	-	-
2000	-	-	-	-	-	-	-	-	-	-
2001	-	-	-	-	-	-	-	-	-	-
2002	-	-	-	-	-	-	-	-	-	-
2003	-	-	-	-	-	-	-	-	-	-
2004	-	-	-	-	-	-	-	-	-	-
2005	-	-	-	-	-	-	-	-	-	-
2006	-	-	-	-	-	-	-	-	-	-
2007	-	-	-	2	2	-	-	-	-	2
2008	-	-	-	2	2	-	-	-	-	2
2009	-	-	-	4	4	-	-	-	-	4
2010	-	-	-	4	4	-	-	-	-	4
2011	-	-	-	5	5	-	-	1	1	6
2012	-	-	-	5	5	-	-	1	1	6
2013	-	13	(8)	5	5	-	-	2	2	7
2014	(64)	476	3	415	(13)	3	42	32	447	447
2015	(12)	114	5	107	(2)	-	14	12	119	119
2016	73	140	3	216	(7)	1	27	21	237	237
2017	101	99	5	205	(7)	2	24	19	224	224
PAYs (sub-total):	98	842	30	970	(29)	6	111	88	1,058	
CAY (2018)	81	187	(17)	251	(10)	2	33	25	276	
claims liabilities:	179	1,029	13	1,221	(39)	8	144	113	1,334	
	Unearned Premium	Premium Deficiency / (DPAC)		Total Provision	discount	investment PfAD	development PfAD	Total apvs		TOTAL*
premium liabilities:	430	(35)		395	(10)	2	23	15		395
*Total may not be sum of parts, as apvs apply to future costs within UPR										
policy liabilities:				1,616	(49)	10	167	128		1,729

Exhibit C-9

Projected Policy Liabilities – Nunavut

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PPV & non-PPV ending 2018	Nunavut - Projected Balances as at Dec. 31, 2018 (\$000s)									
	nominal values				actuarial present value adjustments (apvs)				TOTAL	
	Acc Yr	Case	IBNR	Retro Claims Fee & Expense	Total Unpaid	discount	investment PfAD	development PfAD		Total apvs
prior	-	-	-	-	-	-	-	-	-	-
1999	-	-	-	-	-	-	-	-	-	-
2000	-	-	-	-	-	-	-	-	-	-
2001	-	(1)	-	(1)	-	-	-	-	-	(1)
2002	-	(1)	-	(1)	-	-	-	-	-	(1)
2003	-	-	-	-	-	-	-	-	-	-
2004	-	-	-	-	-	-	-	-	-	-
2005	-	-	-	-	-	-	-	-	-	-
2006	-	-	-	-	-	-	-	-	-	-
2007	-	-	5	5	-	-	-	-	-	5
2008	-	1	7	8	-	-	1	1	1	9
2009	-	-	10	10	-	-	1	1	1	11
2010	-	3	10	13	-	-	1	1	1	14
2011	-	4	12	16	-	-	2	2	2	18
2012	46	8	13	67	(1)	-	7	6	6	73
2013	-	29	(18)	11	-	-	5	5	5	16
2014	(65)	500	6	441	(14)	3	46	35	35	476
2015	10	191	11	212	(5)	1	29	25	25	237
2016	105	207	6	318	(10)	2	40	32	32	350
2017	143	109	8	260	(9)	2	30	23	23	283
PAYs (sub-total):	239	1,050	70	1,359	(39)	8	162	131	131	1,490
CAY (2018)	100	248	(26)	322	(13)	3	44	34	34	356
claims liabilities:	339	1,298	44	1,681	(52)	11	206	165	165	1,846
	Unearned Premium	Premium Deficiency / (DPAC)		Total Provision	discount	investment PfAD	development PfAD	Total apvs		TOTAL*
premium liabilities:	642	(58)		584	(11)	2	29	20		584
*Total may not be sum of parts, as apvs apply to future costs within UPR										
policy liabilities:				2,265	(63)	13	235	185		2,430

Exhibit C-10

Projected Policy Liabilities – ALL JURISDICTIONS COMBINED

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ALL JURISDICTIONS - Projected Balances as at Dec. 31, 2018 (\$000s)									
Private Passenger ending 2018	nominal values				actuarial present value adjustments (apvs)				TOTAL
	Acc Yr	Case	IBNR	Retro Claims Fee & Expense	Total Unpaid	discount	investment PfAD	development PfAD	
prior	4,005	8	43	4,056	(9)	2	433	426	4,482
1999	-	17	(27)	(10)	-	-	6	6	(4)
2000	-	(4)	(65)	(69)	-	-	13	13	(56)
2001	-	16	14	30	-	-	10	10	40
2002	466	(27)	208	647	-	-	69	69	716
2003	2,211	(26)	448	2,633	(123)	26	255	158	2,791
2004	1,474	29	808	2,311	(98)	21	225	148	2,459
2005	1,138	15	368	1,521	(86)	17	170	101	1,622
2006	1,067	412	789	2,268	(161)	34	232	105	2,373
2007	3,722	(302)	1,228	4,648	(296)	60	437	201	4,849
2008	499	533	1,107	2,139	(111)	21	205	115	2,254
2009	1,906	282	878	3,066	(194)	40	287	133	3,199
2010	2,874	68	719	3,661	(160)	32	352	224	3,885
2011	4,582	(22)	900	5,460	(217)	45	528	356	5,816
2012	5,661	467	890	7,018	(301)	59	674	432	7,450
2013	7,217	717	822	8,756	(279)	57	958	736	9,492
2014	11,569	1,249	760	13,578	(363)	73	1,641	1,351	14,929
2015	13,370	1,324	779	15,473	(411)	86	1,912	1,587	17,060
2016	11,308	1,380	904	13,592	(370)	76	1,711	1,417	15,009
2017	14,783	1,512	891	17,186	(534)	115	2,080	1,661	18,847
PAYs (sub-total):	87,852	7,648	12,464	107,964	(3,713)	764	12,198	9,249	117,213
CAY (2018)	18,012	11,594	770	30,376	(1,023)	207	3,703	2,887	33,263
claims liabilities:	105,864	19,242	13,234	138,340	(4,736)	971	15,901	12,136	150,476
	Unearned Premium	Premium Deficiency / (DPAC)		Total Provision	discount	investment PfAD	development PfAD	Total apvs	TOTAL*
premium liabilities:	35,810	(3,335)		32,475	(715)	130	2,368	1,783	33,276
*Total may not be sum of parts, as apvs apply to future costs within UPR									
policy liabilities:				170,815	(5,451)	1,101	18,269	13,919	183,752

Exhibit C-10

Projected Policy Liabilities – ALL JURISDICTIONS COMBINED

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ALL JURISDICTIONS - Projected Balances as at Dec. 31, 2018 (\$000s)									
Non Private Passenger ending 2018	nominal values				actuarial present value adjustments (apvs)				TOTAL
	Acc Yr	Case	IBNR	Retro Claims Fee & Expense	Total Unpaid	discount	investment PfAD	development PfAD	
prior	197	29	9	235	-	-	32	32	267
1999	-	2	(5)	(3)	-	-	1	1	(2)
2000	-	(2)	(19)	(21)	-	-	4	4	(17)
2001	-	9	4	13	-	-	6	6	19
2002	-	18	83	101	-	-	11	11	112
2003	25	(4)	108	129	-	-	17	17	146
2004	1,036	(21)	166	1,181	(33)	7	118	92	1,273
2005	587	37	68	692	(40)	8	87	55	747
2006	230	149	402	781	(44)	8	78	42	823
2007	1,262	218	881	2,361	(164)	34	221	91	2,452
2008	1,212	94	890	2,196	(141)	28	206	93	2,289
2009	1,588	(253)	808	2,143	(111)	21	205	115	2,258
2010	806	203	700	1,709	(63)	14	165	116	1,825
2011	5,749	486	922	7,157	(307)	62	685	440	7,597
2012	7,135	1,131	1,052	9,318	(355)	72	900	617	9,935
2013	14,837	1,112	1,213	17,162	(515)	103	1,878	1,466	18,628
2014	12,573	2,575	1,311	16,459	(524)	100	2,041	1,617	18,076
2015	15,821	2,443	1,352	19,616	(552)	106	2,542	2,096	21,712
2016	14,099	4,200	1,451	19,750	(575)	123	2,601	2,149	21,899
2017	18,052	5,047	1,412	24,511	(820)	174	2,982	2,336	26,847
PAYs (sub-total):	95,209	17,473	12,808	125,490	(4,244)	860	14,780	11,396	136,886
CAY (2018)	21,769	19,123	708	41,600	(1,442)	305	5,229	4,092	45,692
claims liabilities:	116,978	36,596	13,516	167,090	(5,686)	1,165	20,009	15,488	182,578
	Unearned Premium	Premium Deficiency / (DPAC)		Total Provision	discount	investment PfAD	development PfAD	Total apvs	TOTAL*
premium liabilities:	52,391	(3,718)		48,673	(983)	197	2,175	1,389	48,891
*Total may not be sum of parts, as apvs apply to future costs within UPR									
policy liabilities:				215,763	(6,669)	1,362	22,184	16,877	231,469

Exhibit C-10

Projected Policy Liabilities – ALL JURISDICTIONS COMBINED

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ALL JURISDICTIONS - Projected Balances as at Dec. 31, 2018 (\$000s)									
PPV & non-PPV ending 2018	nominal values				actuarial present value adjustments (apvs)				
Acc Yr	Case	IBNR	Retro Claims Fee & Expense	Total Unpaid	discount	investment PfAD	development PfAD	Total apvs	TOTAL
prior	4,202	37	52	4,291	(9)	2	465	458	4,749
1999	-	19	(32)	(13)	-	-	7	7	(6)
2000	-	(6)	(84)	(90)	-	-	17	17	(73)
2001	-	25	18	43	-	-	16	16	59
2002	466	(9)	291	748	-	-	80	80	828
2003	2,236	(30)	556	2,762	(123)	26	272	175	2,937
2004	2,510	8	974	3,492	(131)	28	343	240	3,732
2005	1,725	52	436	2,213	(126)	25	257	156	2,369
2006	1,297	561	1,191	3,049	(205)	42	310	147	3,196
2007	4,984	(84)	2,109	7,009	(460)	94	658	292	7,301
2008	1,711	627	1,997	4,335	(252)	49	411	208	4,543
2009	3,494	29	1,686	5,209	(305)	61	492	248	5,457
2010	3,680	271	1,419	5,370	(223)	46	517	340	5,710
2011	10,331	464	1,822	12,617	(524)	107	1,213	796	13,413
2012	12,796	1,598	1,942	16,336	(656)	131	1,574	1,049	17,385
2013	22,054	1,829	2,035	25,918	(794)	160	2,836	2,202	28,120
2014	24,142	3,824	2,071	30,037	(887)	173	3,682	2,968	33,005
2015	29,191	3,767	2,131	35,089	(963)	192	4,454	3,683	38,772
2016	25,407	5,580	2,355	33,342	(945)	199	4,312	3,566	36,908
2017	32,835	6,559	2,303	41,697	(1,354)	289	5,062	3,997	45,694
PAYs (sub-total):	183,061	25,121	25,272	233,454	(7,957)	1,624	26,978	20,645	254,099
CAY (2018)	39,781	30,717	1,478	71,976	(2,465)	512	8,932	6,979	78,955
claims liabilities:	222,842	55,838	26,750	305,430	(10,422)	2,136	35,910	27,624	333,054
	Unearned Premium	Premium Deficiency / (DPAC)		Total Provision	discount	investment PfAD	development PfAD	Total apvs	TOTAL*
premium liabilities:	88,201	(7,053)		81,148	(1,698)	327	4,543	3,172	82,167
	*Total may not be sum of parts, as apvs apply to future costs within UPR								
policy liabilities:				386,578	(12,120)	2,463	40,453	30,796	415,221