

FACILITY ASSOCIATION RESIDUAL MARKET

DECEMBER 2017 PARTICIPATION REPORT

ACTUARIAL HIGHLIGHTS

Related Bulletin: F18-011 FARM December 2017 Participation Report

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

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ACTUARIAL HIGHLIGHTS

RESIDUAL MARKET

PARTICIPATION REPORT DECEMBER 2017

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1 Summary

1.1 Valuation Schedule (Fiscal Year 2018)

The December 2017 Participation Report leverages actuarial assumptions consistent with last month (that is, it does not reflect the results of an updated valuation). The table immediately below summarizes the implemented valuations for fiscal year 2018.

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

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

1.2 Appointed Actuary and Hybrid Actuarial Services Model

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

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



1.3 Consideration of Recent Legal Decisions and Changes in Legislation / Regulation ¹

There have been no significant changes to this section from last month.

Consideration and assessment of potential impacts of legal decisions and changes in legislation / regulation constitutes a regular part of the valuation process. Descriptions of some of the more recent changes are provided below. Please note that with the <u>latest</u> valuation, as at September 30, 2017, the impact of recent Ontario Court of Appeal decisions in relation to the application of changes to the prejudgement interest rate on general damages for non-pecuniary loss (further discussed in section 1.5) was reviewed and a nominal valuation adjustment was included impacting accident years 2014 and prior, further discussion was provided in the "Actuarial Highlights – Quarterly Valuation" report which was posted to the FA website on January 12, 2018.

Ontario Bill 15 (Fighting Fraud and Reducing Automobile Insurance Rates Act, 2014) was introduced into the Legislature by the Minister of Finance on July 15, 2014 and received Royal Assent on November 20, 2014. Bill 15 includes various amendments and provisions such as moving the Ontario Automobile Dispute Resolution System (DRS) for statutory accident benefits from the Financial Services Commission of Ontario to the Ministry of the Attorney General (Licence Appeal Tribunal), regulation of the Tow and Storage Industry (amendments to the Consumer Protection Act and Repair and Storage Liens Act), regulations related to licensing of insurance agents and adjusters, changes to the applicable interest rate applied to overdue payments in the Statutory Accident Benefits Schedule (SABS), and changes to the prejudgment interest rate on general damages for non-pecuniary loss from the rate as set out in the Courts of Justice Act to rates linked to market conditions. With the lastest valuation (September 30, 2017), reform adjustments (originally introduced with the June 30, 2015 valuation) specifically related to changes in the nonpecuniary prejudgment interest provision calculation impacting the bodily injury coverage and the applicable interest rate applied to overdue payments in the SABS impacting the accident benefits coverage, were included with the updated industry trend analysis (completed using industry data as at December 31, 2016) and nominal valuation selections, impacting the selection of ultimates. Additional discussion in relation to the application of changes to the prejudgement interest rate on general damages for non-pecuniary loss can be found in section 1.5.

Ontario Bill 91 (Building Ontario Up Act (Budget Measures), 2015) was introduced into the Legislature by the Minister of Finance on April 23, 2015, and received Royal Assent on June 4, 2015. Bill 91 announced a number of amendments to regulations made under the Insurance Act, including updating the Catastrophic Impairment Definition and changes to the standard benefit level under the Statutory Accident Benefits Schedule (SABS); restrictions on insurance premium increases and lowering of the maximum interest rate charged on monthly auto insurance premium payments; and adjustments to the monetary threshold beyond which the tort deductible does not apply to reflect inflation (adjustments to reflect inflation in the associated tort deductible were undertaken via an update to regulation 461/96). On August 26, 2015, the Ontario government filed Ontario regulations 250/15 and 251/15 implementing reforms set out in Bill 91. With the <u>latest</u> valuation (September 30, 2017), reform adjustments (originally introduced with the September 30, 2015 valuation) specifically related to changes in the tort threshold and deductibles impacting the bodily injury coverage and changes to the SABS impacting the bodily injury and accident benefits

¹How bills become laws in Ontario is described in detail in the publication: http://www.ontla.on.ca/lao/en/media/laointernet/pdf/bills-and-lawmaking-background-documents/how-bills-become-law-en.pdf.



coverages, were included with the updated industry trend analysis (completed using industry data as at December 31, 2016) and nominal valuation estimates, impacting the selection of ultimates. Additional discussion in relation to the application of changes in the tort threshold and deductibles can be found in section 1.5.

Prince Edward Island Bill 46 (Minor Injury Definition, Pain and Suffering Damages Cap, Schedule B and DCPD) was introduced into the Legislative Assembly on April 25, 2014 and received Royal Assent on May 14, 2014. Bill 46 amends the Insurance Act, introducing enhanced mandatory benefits under Schedule B (these include medical, rehabilitation, funeral, death and loss of income benefits) and a new section 254.2 that applies to all injuries arising from motor vehicle accidents occurring on or after October 1, 2014. The new section 254.2 re-defines "minor personal injury", raises the maximum non-pecuniary damages recoverable by those suffering a "minor personal injury", and sets out a process for annually indexing the monetary cap for inflation. In addition, Bill 46 includes a new section 254.3 which implements Direct Compensation provisions for Property Damage and has been proclaimed into force effective October 1, 2015. With the latest valuation (September 30, 2017), reform adjustments (originally introduced with the June 30, 2014 valuation) were explicitly taken into account with the updated industry trend analysis (completed using industry data as at December 31, 2016), impacting the selection of ultimates.

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

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

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

1.4 Harmonized Sales Tax - Atlantic Provinces

There have been no significant changes to this section from last month.

In the **New Brunswick** fiscal 2016-17 provincial budget released February 2, 2016, the New Brunswick Finance Minister announced a 2 percentage point increase in the provincial component of the harmonized sales tax ("HST") **effective July 1st, 2016** increasing the combined HST rate in the province from 13% to 15%. An adjustment for the HST rate increase was included in the updated



loss cost trend structures selected using NB PPV and CV Industry data as at December 31, 2016, impacting the selected a priori loss ratios, however, no additional adjustments have been made to the valuation assumptions from the <u>latest</u> valuation (September 30, 2017).

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

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

1.5 Ontario FARM Bodily Injury Case Reserve summary

There have been no significant changes to this section from last month.

With the <u>latest</u> valuation, as at September 30, 2017, the impact of recent Ontario Court of Appeal decisions in relation to the application of changes to the prejudgement interest rate on general damages for non-pecuniary loss was reviewed and a nominal valuation adjustment was included impacting accident years 2014 and prior, further discussion was provided in the "Actuarial Highlights – Quarterly Valuation" report which was posted to the FA website on January 12, 2018.

As indicated in section 1.3, reform adjustments, specifically related to changes in the non-pecuniary prejudgment interest provisions in **Ontario Bill 15** and the changes in the tort threshold and deductibles in **Ontario Bill 91** impacting the third party liability - bodily injury coverage for accident years 2015 and subsequent, were included with the updated Ontario Private Passenger Vehicle and Commercial Vehicle industry trend analyses (completed using industry data as at December 31, 2016).

In the **Ontario Court of Appeal decisions** in El-Khodr v. Lackie (**September 19, 2017**; 2017 ONCA 716) and Cobb v. Long Estate (**September 19, 2017**; 2017 ONCA 717), the court of appeal ruled that the change to prejudgment interest for non-pecuniary² losses from a set level of 5% to the level that applies to pecuniary losses was implemented to achieve particular policy objectives and therefore should have retrospective application (i.e. to be applied to all settlements on or after January 1, 2015). During the **latest valuation** (as at September 30, 2017), a reform adjustment in

²**Pecuniary** awards are defined on the Ontario Attorney General's website as "Damages that can be measured in money (i.e., special damages)" with special damages further defined as "Damages intended to compensate a plaintiff for a quantifiable monetary loss. Examples of such losses include: lost earnings, medical bills, and repair costs." In contrast, **non-pecuniary** awards defined as "Damages that cannot be measured in money, but nevertheless are compensated for with money (i.e., general damages)" with general damages further defined as "Damages for non-monetary losses suffered by a plaintiff. These damages are not capable of exact quantification. Examples of such losses suffered include pain, suffering, and disfigurement."



relation to the application of changes to the prejudgement interest rate on general damages for non-pecuniary loss was included. The reform adjustment, a 2% decrease applied retroactively (using negative IBNR) against bodily injury nominal unpaid claims amounts (outstanding case reserve and selected IBNR) impacting accidents years 2014 and prior, will be reduced at each successive valuation, assuming the impact of this product reform change will be fully reflected in outstanding case reserves by the September 30, 2018 valuation (that is, as this adjustment is unwound, it is anticipated that member settlement and case adjustment activity will occur simultaneously, neutralizing the adjustment unwind).

In addition to the above, in the Ontario Court of Appeal decisions in El-Khodr v. Lackie (September 19, 2017; 2017 ONCA 716) and Cobb v. Long Estate (September 19, 2017; 2017 ONCA 717), the court of appeal ruled that the changes to the tort deductible and monetary threshold were implemented to achieve particular policy objectives and therefore should have retrospective application (i.e. to be applied to all settlements on or after January 1, 2015). The Facility Association view, consistent with these decisions, is that the changes to the bodily injury tort threshold and deductibles are on a settlement date basis. With the <u>latest</u> valuation (as at September 30, 2017), no additional reform adjustment was included as we have assumed the retroactive impact of this product reform change has been fully reflected in outstanding case reserves.

Recognizing that individual members may interpret these results differently, we have included a table at the top of the next page displaying the Ontario FARM Third Party Liability – Bodily Injury Case Reserves (as at December 31, 2016³) by accident year as well as projected average duration, from accident date to projected settlement date, from the December 31, 2016 valuation paid emergence projection model. No attempt has been made to distinguish case reserves held for pecuniary versus non-pecuniary losses, nor in estimating the amount of prejudgment interest, if any, is included in the case reserve estimates.

³This table will be updated to December 31, 2017 with the 2017 Q4 valuation which is anticipated to be implemented with the March 2018 Participation Report.



FARM	FARM (Amounts in \$s; ON PPV and non-PPV; as at Dec. 31, 2016)				
AY	Curr BI Case	avg yrs to Dec 2016	projected avg # yrs to settlement	projected avg duration	
1990	-	26.5	-	-	
1991	-	25.5	-	-	
1992	311,340	24.5	0.1	24.6	
1993	-	23.5	-	-	
1994	1,940,556	22.5	1.0	23.5	
1995	-	21.5	-	-	
1996	-	20.5	-	-	
1997	-	19.5	-	-	
1998	-	18.5	-	-	
1999		17.5			
2000	-	16.5	-	-	
2001	-	15.5	-	-	
2002	257,207	14.5	5.3	19.8	
2003	2	13.5	11.1	24.6	
2004	2,003,363	12.5	6.3	18.8	
2005	1,565,842	11.5	6.9	18.4	
2006	475,590	10.5	5.0	15.5	
2007	1,062,631	9.5	3.6	13.1	
2008	515,801	8.5	3.6	12.1	
2009	2,836,890	7.5	2.8	10.3	
2010	1,393,814	6.5	2.8	9.3	
2011	2,359,017	5.5	2.2	7.7	
2012	6,719,460	4.5	2.3	6.8	
2013	3,392,195	3.5	2.1	5.6	
2014	6,960,313	2.5	2.5	5.0	
2015	4,055,400	1.5	3.0	4.5	
2016	2,556,688	0.5	3.8	4.3	
TOTAL	38,406,109	5.9	3.0	8.9	

In the above table, the column "projected avg duration" is an estimate of the number of years from claim occurrence to claim settlement, via summing the average number of years from claim occurrence to December 31, 2016 (3rd column) and from December 31, 2016 to settlement (4th column).

1.6 Current Provision Summary

The charts at the top of the next page show the current levels of indemnity only⁵ claims amounts

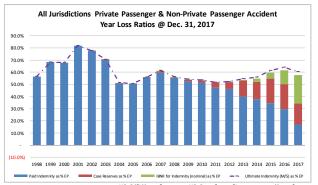
⁴Prejudgment interest in Ontario applies to the period from the date the claim is reported, not from the time of occurrence. We have provided the latter to allow actuarial judgment to be applied in estimating the lag between occurrence and reporting.

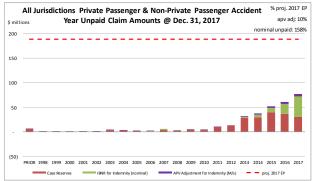
⁵Servicing Carriers for the Residual Market are compensated via an initial claims fee paid as a percentage of earned premium. This fee is retroactively adjusted and settled at age 72 months for each accident year based on the formula as laid out in the Plan of Operation. The claims fee is meant to cover Servicing Carrier costs for claims management and adjudication except for certain categories of claims expenses (first party legal and professional consulting fees as described in the Facility Association's "Claims Guide" manual under the "Legal & Professional Fees" section). These latter fees are reimbursable upon proof of closure of the applicable coverage of the claim, and upon verification of eligibility.

We refer to these fees/expenses collectively as "claims fees and allowed claims expenses" and these are generally NOT included in this discussion, although reference is made to them from time to time as deemed appropriate. The claims fees and allowed claims expenses may be reviewed in the valuation process and any associated changes in unpaid amounts are reflected in the Participation Report. The collective provision for the claims fees and allowed claims expenses is referred to as the "Retro Claims" provision and is presented in Table 02b in section 2.2.



booked by accident year⁶. The left chart displays life-to-date indemnity payments, case reserves, IBNR and the total including actuarial present value adjustments against accident year earned premium. The right chart shows the associated dollar amounts for the components of the unpaid claims liabilities and the current amount of 2017 full year earned premium (the red hash-mark line) to provide some perspective.





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

The current actuarial present value adjustments balance associated with indemnity (\$18.8 million – see table immediately below) represents 10% of the earned premium for the full year 2017 (see the upper right corner of the right chart above). If our current estimates of the nominal claim liabilities amounts prove to match actual claims payments, the actuarial present value adjustments will be released into the net operating result over future periods as the associated claims are settled. Similarly, if reimbursement to Servicing Carriers for claims fee adjustments and allowed claims expenses match our current "retro claims" nominal liability estimate shown in the table below, the associated \$3.8 million of actuarial present value adjustments would be released into future net operating results.

	amt	%
case	215,122	67.9%
ibnr	82,944	26.2%
M/S apv adj	18,796	5.9%
M/S indemnity	316,862	100.0%
retro claims	30,183	
retro apv adj	3,844	
M/S total	350,889	

The table to the left breaks down the Member Statement (M/S) unpaid claims liabilities total into its component parts. The first four rows of this table reflect indemnity only as indicated, with the majority of the unpaid in case reserves. The unpaid claims fees and allowed claims expenses liability is shown in the row labelled "retro claims" (see footnote 5 on page 8) and the actuarial present value adjustment associated

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

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

⁶The loss ratio chart has been limited to show the most recent 20 accident years; the unpaid provision chart has been limited to show the most recent 20 accident years, and show all accident years older than 20 years collectively as "PRIOR".



premium liabilities	(\$000s)		policy liabilities (\$000s)			
	amt	%		amt	%	
unearned prem	90,136	107.6%	claim	328,249	75.5%	
prem def/(dpac)	(7,092)	(8.5%)	premium	83,044	19.1%	
M/S apv adjust.	756	0.9%	M/S apv adjust.	23,396	5.4%	
M/S total	83 800	100.0%	M/S total	434 690	100.0%	

2 Activity During the Month of December 2017⁷

2.1 Recorded Premium and Claims Activity

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

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

Table	Farnad D	Promium	Paid Indemnity		Case inc	crease /	Recorded	Indemnity
01a	Earned Premium		raid indefinity		(decrease)		increase / (decrease)	
Juris-	Actual	Actual less	Actual	Actual less	Actual	Actual less	Actual	Actual less
diction	Actual	Projected	Actual	Projected	Actual	Projected	Actual	Projected
ON	3,928	(174)	3,085	456	(2,966)	(2,169)	119	(1,713)
AB	4,501	(91)	4,412	1,833	(3,635)	(4,597)	778	(2,764)
NL	2,481	26	1,644	(412)	811	958	2,455	546
NB	1,765	21	2,419	1,084	(1,397)	(830)	1,022	254
NS	1,565	10	1,745	527	(166)	294	1,580	821
PE	389	28	411	278	(166)	(264)	245	14
YT	152	(1)	89	26	98	121	187	146
NT	369	3	179	74	(106)	(220)	73	(146)
NU	93	2	-	(19)	29	31	29	12
TOTAL	15,243	(176)	13,984	3,848	(7,497)	(6,677)	6,488	(2,830)

(Recorded transaction amounts exclude IBNR & other actuarial provisions)

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

Table	Farm and Dramium		rned Premium Paid Indemnity		Case inc	crease /	Recorded I	ndemnity
01b	Earneu P	remun	Palu IIIC	(decrease)		increase / (decrease)		
Accident	Actual	Actual less	Actual	Actual less	Actual	Actual less	Actual	Actual less
Year	Actual	Projected	Actual	Projected	ACLUAI	Projected	Actual	Projected
Prior	(0)	(0)	6,895	2,852	(7,859)	(4,184)	(964)	(1,332)
2015	(6)	(6)	1,799	526	(2,241)	(1,437)	(441)	(910)
2016	(14)	(14)	1,252	5	(1,111)	(987)	142	(981)
2017	15,263	(156)	4,038	464	3,713	(70)	7,751	394
TOTAL	15,243	(176)	13,984	3,848	(7,497)	(6,677)	6,488	(2,830)

(Recorded transaction amounts exclude IBNR & other actuarial provisions)

⁷There may be differences between the values shown in this document and associated values in the Bulletin and / or Participation Report, and even in tables within this document, due to rounding.

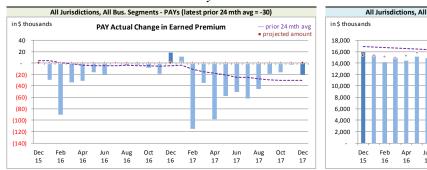


Claims activity varies monthly in part due to "process variance" – that is, due to the nature of the claims reporting, recording and adjudication processes. Each month, the projection variances are reviewed for signs of projection bias and to identify potential ways to reduce the level of the variance.

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

The charts immediately below show actual **earned premium**⁸ in each of the most recent 25 calendar months, along with a "prior 24-month average" to show how each month's actual compare with the average amount of the preceding 24 calendar months.

FARM Actual Earned Premium by Calendar Month

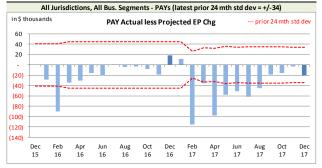


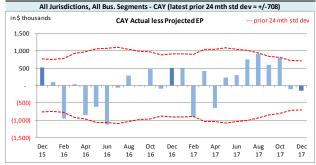


Earned premium changes during a given calendar month in relation to prior accident years tend to be at modest levels.

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

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





⁸Premium is earned on a daily basis based on the transaction term measured in days. As a result, months with 31 days earned relatively more than those with 30 days, and February earns the least.



On Latest \$thousands				
Earned Premium	PAYs	CAY		
Mthly Avg EP Chg (prior 24 mths)	(30)	14,830		
std dev	34	708		
A-P <> std dev	8	2		
% <> std dev	32.0%	8.0%		
norm <> std dev	31.7%	31.7%		

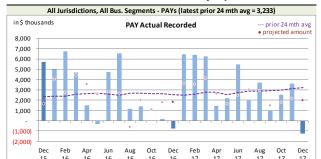
Our admittedly simple approach to projecting **earned premium** changes from projected written premium levels (and uploading all projections as current accident year (CAY)) does not indicate bias⁹ on a 24-month lag basis (ignoring the prior accident years' (PAYs) variances) and it does appear to generate variances within the prior 24-

month standard deviation better than as indicated by a normal distribution (see table to the left). That said, it is likely that some additional improvement could be achieved. Starting with projections included in the March 2017 Participation Report, we adjusted the earned premium projection to more accurately reflect the number of days of earning per month (the previous methodology was based on the simplifying assumption of equal days in all months). Over time, we may consider other projection approaches to narrow monthly variances.

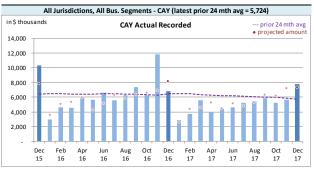
Projection variances have been impacted by one Servicing Carrier re-submitting prior accident year premium transaction corrections impacting one jurisdiction (Prince Edward Island). The Servicing Carrier has confirmed that there are no more resubmissions regarding these premium corrections.

2.1.b AvsP: Recorded Indemnity

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



FARM Actual Recorded Indemnity by Calendar Month

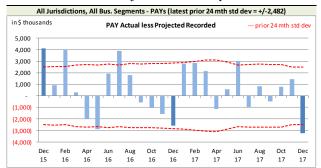


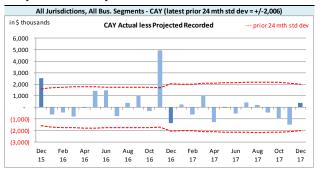
Recorded indemnity activity variances from the previous month's projections are shown in the charts at the top of the next page, including the "prior 24-month standard deviation" levels.

⁹We measure bias based on a 95% confidence range for a binominal distribution with trials based on the range being considered and 50% probability of success.



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





On Latest \$ thousands				
Recorded	PAYs	CAY		
Mthly Avg Recorded (prior 24 mths)	3,233	5,724		
std dev	2,482	2,006		
A-P <> std dev	6	2		
% <> std dev	24.0%	8.0%		
norm <> std dev	31.7%	31.7%		

The prior accident years (PAYs) **recorded indemnity** variances (see left chart above) over the entire period have fallen outside of the period's standard deviation 24% of the time (see left table), suggesting the projection process performs better than simply projecting based on the previous 24-month average. No bias has

been indicated at a 95% confidence level on a lagging 24-month basis.

The PAY recorded indemnity variance this month was outside the one standard deviation band. The variance was investigated at the jurisdiction and accident year level and has been attributed to process variance.

The current accident year (CAY) **recorded indemnity** variances (see right chart above) over the period has not indicated a systemic bias overall, and with monthly variances falling outside of the period standard deviation only 8% of the time, the projection process appears to perform better than simply projecting based on the previous 24-month average. No bias has been indicated at a 95% confidence level on a lagging 24-month basis.

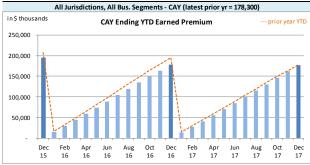
The method for establishing IBNR adjusts automatically for changes in **earned premium** and **recorded indemnity** activity level (see sections 2.2 and 3).

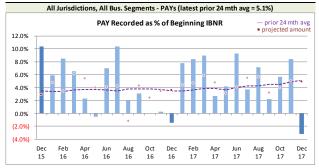
We have included, for reference, additional charts at the top of the next page related to levels influencing **recorded indemnity** activity. We note that for the PAYs, the trailing 24-month average ratio of recorded to beginning IBNR appears to be rising over the last few months. At this point, we are only monitoring.

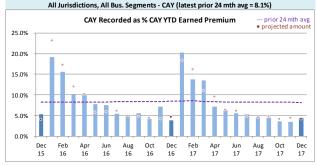












We track beginning prior accident years' IBNR as **recorded indemnity** activity "comes out of" IBNR. Changes in the prior accident years' beginning IBNR (see upper left chart within the group of charts immediately above) occur for several possible reasons:

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

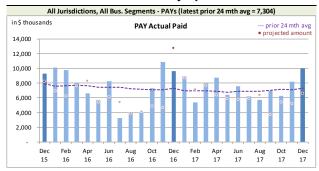
2.1.c AvsP: Paid Indemnity

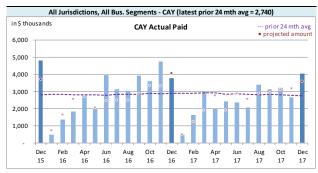
The charts at the top of the next page show actual **paid indemnity** activity in each of the most recent 25 calendar months, along with a "prior 24-month average" to show how each month's actual compares with the average amount of the preceding 24 calendar months.

¹⁰Our recorded indemnity projections for the prior accident years are based on selected ratios of recorded indemnity to beginning unpaid balances, whereas the current accident year projections are based on selected ratios of year-to-date IBNR to year-to-date selected ultimate indemnity (i.e. selected LR x earned premium), deriving year-to-date recorded as selected ultimate less IBNR. In both cases, ratio selection is based on consideration of recent recorded indemnity levels and AvsP analyses.



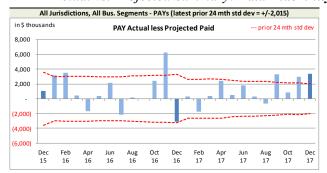


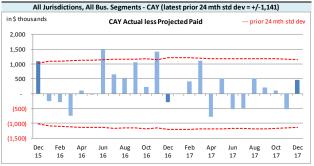




The charts immediately below show actual less projected **paid indemnity** activity for the last 25 calendar months, along with bands for the "prior 24-month standard deviations" to show how the variances from projection compare with historical standard deviations.

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





On Latest \$	On Latest \$ thousands				
Paid	PAYs	CAY			
Mthly Avg Paid (prior 24 mths)	7,304	2,740			
std dev	2,015	1,141			
A-P <> std dev	6	3			
% <> std dev	24.0%	12.0%			
norm <> std dev	31.7%	31.7%			

The prior accident years (PAYs) **paid indemnity** variances (left chart above) over the entire period have fallen outside of the period's standard deviation 24% of the time (see table on left) and as this is fewer than indicated by the normal distribution, it suggests the projection process performs better than simply projecting based on

the previous 24-month average. However, bias is evidenced on a 24-month lag basis, as the number of months where actual **paid indemnity** was higher than projected (18) is outside of a 95% confidence range (assuming a binomial distribution and 50% probability). As well, 3 of the last 4 variances were outside of the 1-standard deviation band (and all 4 had actual above projected). We are looking into this and considering whether our projection process / assumptions need to be adjusted.

The PAY paid indemnity variance this month was outside the one standard deviation band. The variance was investigated at the jurisdiction and accident year level and has been attributed to process variance. However, as indicated above, we are considering whether our projection process needs adjusting, or whether there is something more than process variance being indicated.

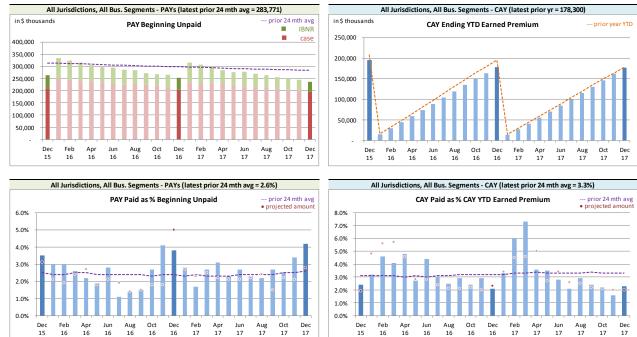
The current accident year (CAY) paid indemnity variances have fallen outside of one standard deviation of the preceding 24-month period approximately 12% of the time, suggesting that the



projection process performs better than simply projecting based on the prior 24-month average. No bias has been indicated at a 95% confidence level on a lagging 24-month basis.

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

FARM Levels that influence¹¹ Paid Indemnity by Calendar Month



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

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

2.2 Actuarial Provisions

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

¹¹Our projections for the prior accident years are based on selected ratios of paid indemnity to beginning unpaid balances, whereas the current accident year projections are based on selected ratios of year-to-date paid indemnity to year-to-date selected ultimate indemnity (i.e. selected LR x earned premium). In both cases, ratio selection is based on consideration of recent paid indemnity levels and AvsP analyses.



TOTAL

IBNR¹² for accident years 1994 and later (IBNR is kept at \$0 for accident years 1993 and earlier).

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

The loss ratios and the factors used to determine the current provisions were based on the latest valuation (September 30, 2017 for all jurisdictions). The table immediately below summarizes variances in provisions included in the December 2017 Participation Report and the associated onemonth projections from last month's Report.

Table 02a actuarial present value adjustments **Provisions for Adverse** IBNR + actuarial present **IBNR Discount Amount** Deviations value adjustments Accident **Actual less Actual less Actual less Actual less** Actual Actual Actual Actual Year Projected Projected Projected Projected Prior 11,306 1,341 (6,542)201 12,603 (248)17,367 1,294 9,202 (2,104)12,873 2015 909 26 5,775 (66)869 2016 20,454 972 (2,754)7,011 1 24,711 973 2017 41,982 (463)(3,690)27 8,497 (68) 46,789 (504)

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

The IBNR provision is \$2.8 million higher than projected from last month, counterbalancing the recorded claims activity and earned premium variance impacts indicated in section 2.1.

254

33,886

(381)

101,740

2,632

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

(i) the change projected last month;

82.944

2,759

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

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

(15,090)

In addition to the provisions for indemnity amounts, provisions are established for certain adjustments to Servicing Carrier claims fees and for certain reimbursable legal and professional claims adjudication fees which we refer to as "allowed claims expenses" (see footnote 5 on page 8). The table at the top of the next page summarizes the variances in these "Retro Claims Provisions" included in the December 2017 Participation Report and the one-month projections from last month's Report. The variances generally reflect earned premium variances by jurisdiction and variances in payments for allowed claims expenses relative to projections.

¹²For ease of discussion, "IBNR" is used in place of "provisions for incurred but not recorded (IBNR) and development".



FARM Actual vs. Projected Summary:	"Retro Claims Provision" "	³ and APV Amounts (\$ thousands)
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Table 02b			actua	actuarial present value adjustments				
	Retro Claims Provision		ovision Discount Amo		Provisions for Adverse		Retro + actuarial present	
	Retro Clain	IS PTOVISION			Deviations		value adjustments	
Accident	Actual	Actual less	Actual	Actual less	Actual	Actual less	Actual	Actual less
Year	Actual	Projected	Actual	Projected	Actual	Projected	Actual	Projected
Prior	22,122	(63)	(1,502)	8	2,801	18	23,421	(37)
2015	3,124	60	(128)	(3)	927	(13)	3,923	44
2016	3,282	49	(150)	(3)	1,046	11	4,178	57
2017	1,655	43	(159)	-	1,009	10	2,505	53
TOTAL	30,183	89	(1,939)	2	5,783	26	34,027	117

The table immediately below summarizes the variances in the provisions for the deferred policy acquisition cost amounts (the FARM overall remains in a deferred asset position) included in the December 2017 Participation Report and the one-month projections from last month's Report. The variances are mainly driven by the unearned premium balance variance (at the jurisdiction level).

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

Table 03	Premium (Deferr		eficiency / d Policy on Costs)	actuarial present value adjustments		Premium Deficiency / (DPAC) including actuarial present value adjustments	
		Actual	Actual less	Actual	Actual less	Actual	Actual less
			Projected		Projected		Projected
ba	alance:	(7,092)	77	756	27	(6,336)	104
balance as % unearned pre	mium:	(7.9%)	-	0.8%	0.1%	(7.0%)	0.1%

actual unearned premium: 90,136 less projected: (474)

3 **Ultimate Loss Ratio Matching Method**

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

- (a)
- Earned premium to date Ultimate loss¹⁴ ratio per latest valuation (b)
- Estimated ultimate incurred = (a) x (b)(c)
- (d) Recorded indemnity to date
- IBNR = (c) (d)

IBNR for accident years 1993 and earlier is kept at \$0. For the two projected months, IBNR was determined in a similar way, incorporating the two-month projections of earned premiums and

¹³⁴ Retro Claims Provision" here refers to the provision for unpaid claims fees & allowed claims expense for Service Carriers in managing and adjudicating claims on behalf of the Facility Association. Non-\$0 actuarial present value adjustments for these provisions were added for the first time with the October 2016 Participation Report. Please see the associated Actuarial Highlights for more information.

¹⁴"Loss" here refers to indemnity only unless otherwise noted.



recorded indemnity. Prior to actuarial present value adjustments, any expected emergence of recorded claims amounts pertaining to "prior accident years"¹⁵ during the two-month projection period is assumed to be offset by changes in IBNR. Furthermore, the implied ultimate loss ratios pertaining to each accident year (including the current accident year) are the same in the current month as in the two projected months.

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

4 Calendar Year-to-Date Results

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

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

Table 04	YTD Nomina	l Values	YTD actuarial present value adjustment		YTD Total		Change from Prior Month YTD	
	Amount	% EP	Amount	% EP	Amount	% EP	Amount	LR pts
PAYs	(6,312)	(3.6%)	(20,772)	(11.8%)	(27,084)	(15.3%)	(487)	1.2%
CAY	123,699	70.1%	5,657	3.2%	129,356	73.3%	11,064	(0.1%)
TOTAL	117,387	66.5%	(15,115)	(8.6%)	102,272	57.9%	10,578	1.0%

("% EP" based on 2017 calendar year-to-date earned premium; ratios may not total due to rounding)

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

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

5 Current Participation Report – Additional Exhibits

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

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

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

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

¹⁵"Prior accident years" and the "current accident year" are defined relative to the calendar year associated with the projection period.



6 EXHIBITS

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

EXHIBIT A IBNR – for Member Sharing (<u>in</u>cludes Actuarial Present Value Adjustments)

EXHIBIT B IBNR – Nominal Basis (excludes Actuarial Present Value Adjustments)

EXHIBIT C Retro Provisions

C-1 for Member Sharing (<u>includes Actuarial Present Value Adjustments</u>)

C-2 Nominal Basis (excludes Actuarial Present Value Adjustments)

EXHIBIT D Future Expected Cost Ratios

EXHIBIT E Discount Rate & Margins for Adverse Deviations

EXHIBIT F Interest Rate Sensitivity

EXHIBIT G Components of IBNR Change During Month:

G-1 IBNR – for Member Sharing (<u>in</u>cludes Actuarial Present Value Adjustments)

G-2 IBNR – Nominal Basis (excludes Actuarial Present Value Adjustments)

EXHIBIT H Projected Year-end Policy Liabilities



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

page 1 of 10

Jurisdiction Desc	Newfoundland 8	k T		discount rate:	1.81%
AccountCode Desc		T	inter	rest rate margin:	
AccountCode		—			
AccidentYear		▼			
		Prior Month	Current Month	1st Projected	2nd Projected
Sum of Amount		ShareYYMM ••		•	
Business Segment -	Acc Year	201711	201712	201801	201802
■ Private Passenger	prior	(7,000)	(7,000)	22,000	23,000
	2009	49,000	68,000	56,000	43,000
	2010	(4,000)	(4,000)	(5,000)	(3,000)
	2011	56,000	56,000	58,000	50,000
	2012	(69,000)	(74,000)	(124,000)	(86,000)
	2013	123,000	99,000	84,000	91,000
	2014	492,000	478,000	458,000	438,000
	2015	969,000	972,000	909,000	894,000
	2016	2,118,000	1,970,000	1,891,000	1,817,000
	2017	5,470,000	5,134,000	4,270,000	3,706,000
	2018			801,000	1,245,000
Private Passenger Total		9,197,000	8,692,000	8,420,000	8,218,000
■ Non Private Passenge	•	3,000	3,000	3,000	3,000
	2009	3,000	3,000	3,000	3,000
	2010	26,000	26,000	35,000	35,000
	2011	25,000	25,000	20,000	20,000
	2012	525,000	525,000	516,000	511,000
	2013	155,000	142,000	134,000	132,000
	2014	329,000	425,000	422,000	418,000
	2015	557,000	563,000	543,000	533,000
	2016	1,243,000	1,220,000	1,136,000	1,075,000
	2017	2,938,000	2,758,000	2,507,000	2,286,000
	2018			386,000	583,000
Non Private Passenger T	otal	5,804,000	5,690,000	5,705,000	5,599,000
Grand Total		15,001,000	14,382,000	14,125,000	13,817,000

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



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

page 2 of 10

Jurisdiction Desc AccountCode Desc AccountCode AccidentYear	New Brunswick IBNR Provision (All) (All)		inter	discount rate: rest rate margin:	
		Prior Month	Current Month	1st Projected	2nd Projected
Sum of Amount		ShareYYMM 🔽			
Business Segment	▼ Acc Year ▼	201711	201712	201801	201802
■ Private Passenger	prior	76,000	76,000	79,000	78,000
	2009	27,000	27,000	23,000	23,000
	2010	121,000	121,000	117,000	114,000
	2011	179,000	35,000	35,000	35,000
	2012	193,000	193,000	170,000	167,000
	2013	109,000	92,000	78,000	78,000
	2014	241,000	61,000	76,000	73,000
	2015	(189,000)	(239,000)	(208,000)	(208,000)
	2016	1,594,000	1,735,000	1,632,000	1,613,000
	2017	3,595,000	3,466,000	3,039,000	2,761,000
	2018			411,000	690,000
Private Passenger Tota	l	5,946,000	5,567,000	5,452,000	5,424,000
■ Non Private Passenge	•	-	17,000	25,000	24,000
	2009	8,000	8,000	1,000	1,000
	2010	33,000	33,000	30,000	30,000
	2011	35,000	73,000	72,000	71,000
	2012	107,000	122,000	120,000	118,000
	2013	217,000	(398,000)	(394,000)	(377,000)
	2014	477,000	401,000	402,000	396,000
	2015	493,000	495,000	496,000	491,000
	2016	813,000	818,000	800,000	721,000
	2017	1,733,000	2,688,000	2,510,000	2,300,000
	2018			210,000	344,000
Non Private Passenger	Total	3,916,000	4,257,000	4,272,000	4,119,000
Grand Total		9,862,000	9,824,000	9,724,000	9,543,000

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



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

page 3 of 10

Jurisdiction Desc AccountCode Desc AccountCode AccidentYear	IBNR Provision (All)	***	inter	discount rate: rest rate margin:	
		Prior Month	Current Month	1st Projected	2nd Projected
Sum of Amount		ShareYYMM 🗾			
Business Segment	▼ Acc Year	201711	201712	201801	201802
■ Private Passenger	prior	(12,000)	(11,000)	3,000	2,000
	2009	(32,000)	(32,000)	(31,000)	(31,000)
	2010	11,000	11,000	8,000	8,000
	2011	(87,000)	(87,000)	(76,000)	(76,000)
	2012	(34,000)	(34,000)	(29,000)	(30,000)
	2013	78,000	77,000	76,000	73,000
	2014	129,000	131,000	127,000	126,000
	2015	481,000	283,000	264,000	261,000
	2016	1,126,000	1,137,000	1,131,000	1,071,000
	2017	1,962,000	1,825,000	1,707,000	1,566,000
	2018			257,000	530,000
Private Passenger Tota		3,622,000	3,300,000	3,437,000	3,500,000
■ Non Private Passenge	•	10,000	10,000	26,000	26,000
	2009	(5,000)	(5,000)	(4,000)	(4,000)
	2010	(6,000)	105,000	119,000	116,000
	2011	(63,000)	(63,000)	(63,000)	(61,000)
	2012	24,000	24,000	20,000	19,000
	2013	395,000	419,000	375,000	366,000
	2014	183,000	(7,000)	(10,000)	(9,000)
	2015	949,000	802,000	801,000	758,000
	2016	1,984,000	1,912,000	1,904,000	1,850,000
	2017	1,859,000	1,841,000	1,736,000	1,699,000
	2018			304,000	584,000
Non Private Passenger	Total	5,330,000	5,038,000	5,208,000	5,344,000
Grand Total		8,952,000	8,338,000	8,645,000	8,844,000

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



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

page 4 of 10

Jurisdiction Desc	Prince Edward			discount rate:	1.81%
AccountCode Desc	IBNR Provision		inter	est rate margin:	
AccountCode	(AII)			or and and and	
AccidentYear	(AII)				
		Prior Month	Current Month	1st Projected	2nd Projected
Sum of Amount		ShareYYMM 🗐		·	·
Business Segment	▼ Acc Year	201711	201712	201801	201802
		_			
■ Private Passenger	prior	(5,000)	(5,000)	(5,000)	(5,000)
	2009		-	-	-
	2010	28,000	28,000	44,000	44,000
	2011	(159,000)	(159,000)	(157,000)	(155,000)
	2012	2,000	2,000	2,000	2,000
	2013	11,000	11,000	10,000	10,000
	2014	85,000	84,000	82,000	80,000
	2015	272,000	282,000	270,000	268,000
	2016	380,000	387,000	392,000	388,000
	2017	539,000	431,000	401,000	346,000
	2018			53,000	62,000
Private Passenger Tota	al	1,153,000	1,061,000	1,092,000	1,040,000
■ Non Private Passeng	g er prior	(1,000)	(1,000)	(1,000)	(1,000)
	2009		-	-	-
	2010		-	-	-
	2011	1,000	1,000	1,000	1,000
	2012	5,000	5,000	35,000	35,000
	2013	20,000	20,000	19,000	19,000
	2014	102,000	73,000	73,000	73,000
	2015	276,000	223,000	216,000	215,000
	2016	81,000	140,000	123,000	122,000
	2017	669,000	707,000	668,000	629,000
	2018			69,000	133,000
Non Private Passenger	r Total	1,153,000	1,168,000	1,203,000	1,226,000
Grand Total		2,306,000	2,229,000	2,295,000	2,266,000

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



EXHIBIT A

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

page 5 of 10

Jurisdiction Desc AccountCode Desc AccountCode AccidentYear	IBNR Provision (All)	7 7 7	inter	discount rate: rest rate margin:	
. 100/00/100/	(*)	Prior Month	Current Month	1st Projected	2nd Projected
Sum of Amount		ShareYYMM 🗐		·	•
Business Segment	▼ Acc Year	201711	201712	201801	201802
■ Private Passenger	prior	3,341,000	3,867,000	3,988,000	3,314,000
	2009	471,000	475,000	422,000	330,000
	2010	348,000	491,000	467,000	375,000
	2011	(174,000)	(146,000)	(162,000)	(125,000)
	2012	(418,000)	(398,000)	(399,000)	(314,000)
	2013	231,000	309,000	272,000	223,000
	2014	610,000	627,000	581,000	568,000
	2015	960,000	966,000	942,000	913,000
	2016	1,919,000	1,914,000	1,755,000	1,498,000
	2017	2,986,000	3,199,000	2,876,000	2,765,000
	2018			495,000	949,000
Private Passenger Tota	<u> </u>	10,274,000	11,304,000	11,237,000	10,496,000
■ Non Private Passenge	•	31,000	123,000	119,000	116,000
	2009	67,000	83,000	91,000	89,000
	2010	162,000	162,000	157,000	155,000
	2011	264,000	326,000	321,000	318,000
	2012	(268,000)	1,000	(66,000)	(66,000)
	2013	960,000	630,000	670,000	664,000
	2014	2,098,000	2,097,000	1,979,000	1,733,000
	2015	2,577,000	2,459,000	2,472,000	2,447,000
	2016	5,343,000	5,204,000	5,248,000	5,185,000
	2017	10,083,000	11,079,000	10,733,000	10,316,000
	2018			1,416,000	2,573,000
Non Private Passenger	Total	21,317,000	22,164,000	23,140,000	23,530,000
Grand Total		31,591,000	33,468,000	34,377,000	34,026,000

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



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

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Jurisdiction Desc AccountCode Desc AccountCode AccidentYear	IBNR Provision (All)		inter	discount rate: rest rate margin:	
		Prior Month	Current Month	1st Projected	2nd Projected
Sum of Amount		ShareYYMM 🕶			
Business Segment	▼ Acc Year	201711	201712	201801	201802
	_			4	
■ Private Passenger	prior	(133,000)	(152,000)	(162,000)	(161,000)
	2009	30,000	30,000	30,000	30,000
	2010	(31,000)	(31,000)	(35,000)	(34,000)
	2011	231,000	231,000	198,000	197,000
	2012	276,000	28,000	27,000	27,000
	2013	462,000	460,000	459,000	454,000
	2014	796,000	910,000	916,000	906,000
	2015	1,211,000	1,939,000	1,928,000	1,819,000
	2016	1,465,000	1,493,000	1,259,000	1,182,000
	2017	2,077,000	2,148,000	1,967,000	1,799,000
	2018			228,000	396,000
Private Passenger Tota	al	6,384,000	7,056,000	6,815,000	6,615,000
■ Non Private Passeng	•	16,000	403,000	424,000	419,000
	2009	21,000	(6,000)	(12,000)	(11,000)
	2010	67,000	67,000	64,000	63,000
	2011	(332,000)	(451,000)	(461,000)	(457,000)
	2012	255,000	532,000	469,000	462,000
	2013	985,000	721,000	761,000	748,000
	2014	1,621,000	2,282,000	2,262,000	2,235,000
	2015	3,205,000	3,323,000	3,331,000	3,256,000
	2016	5,521,000	5,509,000	5,388,000	5,182,000
	2017	10,203,000	10,148,000	8,432,000	7,765,000
	2018			1,731,000	3,108,000
Non Private Passenger	r Total	21,562,000	22,528,000	22,389,000	22,770,000
Grand Total		27,946,000	29,584,000	29,204,000	29,385,000

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



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

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Jurisdiction Desc AccountCode Desc AccountCode AccidentYear	Yukon IBNR Provision (All) (All)		inter	discount rate: rest rate margin:	
		Prior Month	Current Month	1st Projected	2nd Projected
Sum of Amount		ShareYYMM 🗐			
Business Segment	▼ Acc Year ▼	201711	201712	201801	201802
■ Private Passenger	prior	4,000	4,000	4,000	4,000
	2009	6,000	6,000	6,000	6,000
	2010	11,000	11,000	10,000	10,000
	2011	12,000	12,000	11,000	11,000
	2012	21,000	21,000	21,000	21,000
	2013	38,000	38,000	38,000	38,000
	2014	71,000	71,000	70,000	69,000
	2015	190,000	190,000	189,000	188,000
	2016	308,000	294,000	292,000	289,000
	2017	215,000	155,000	155,000	143,000
	2018			9,000	18,000
Private Passenger Total	al	876,000	802,000	805,000	797,000
■ Non Private Passeng	•	2,000	2,000	2,000	2,000
	2009		-	-	-
	2010		-	-	-
	2011	4,000	4,000	4,000	4,000
	2012	17,000	17,000	14,000	14,000
	2013	10,000	10,000	10,000	10,000
	2014	53,000	53,000	52,000	52,000
	2015	114,000	114,000	113,000	112,000
	2016	106,000	31,000	32,000	32,000
	2017	196,000	225,000	215,000	208,000
	2018			58,000	110,000
Non Private Passenge	r Total	502,000	456,000	500,000	544,000
Grand Total		1,378,000	1,258,000	1,305,000	1,341,000

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



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

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Jurisdiction Desc	Northwest Territories	Ţ		discount rate:	1 81%
AccountCode Desc		T	inter	rest rate margin:	
AccountCode	(AII)		meer	estrate margini.	25 50515 Pt5
AccidentYear	(AII)				
ricordenered	(,)	Prior Month	Current Month	1st Projected	2nd Projected
Sum of Amount		ShareYYMM 🗐		251110,0000	
Business Segment -	Acc Year	201711	201712	201801	201802
■ Private Passenger	prior	(2,000)	(2,000)	(2,000)	(2,000)
	2009	29,000	29,000	31,000	31,000
	2010	4,000	4,000	4,000	4,000
	2011	8,000	8,000	8,000	8,000
	2012	34,000	28,000	28,000	28,000
	2013	57,000	57,000	56,000	55,000
	2014	(146,000)	(92,000)	(85,000)	(83,000)
	2015	250,000	250,000	249,000	223,000
	2016	411,000	411,000	406,000	384,000
	2017	402,000	404,000	349,000	321,000
	2018			79,000	147,000
Private Passenger Total		1,047,000	1,097,000	1,123,000	1,116,000
■ Non Private Passenger	· prior	2,000	2,000	2,000	2,000
	2009		-	-	-
	2010	1,000	1,000	1,000	1,000
	2011		-	-	-
	2012		-	-	-
	2013	47,000	47,000	49,000	48,000
	2014	60,000	60,000	61,000	61,000
	2015	68,000	68,000	67,000	66,000
	2016	260,000	256,000	248,000	246,000
	2017	82,000	192,000	193,000	192,000
	2018			30,000	59,000
Non Private Passenger To	otal	520,000	626,000	651,000	675,000
Grand Total		1,567,000	1,723,000	1,774,000	1,791,000

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



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

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Jurisdiction Desc AccountCode Desc AccountCode AccidentYear	IBNR Provision (All)		inter	discount rate: rest rate margin:	
		Prior Month	Current Month	1st Projected	2nd Projected
Sum of Amount		ShareYYMM 🗾			
Business Segment	▼ Acc Year	201711	201712	201801	201802
		(4.000)	(4.000)	(4.000)	(4.000)
■ Private Passenger	prior	(1,000)	(1,000)	(1,000)	(1,000)
	2009		-	-	-
	2010	3,000	3,000	3,000	3,000
	2011	4,000	4,000	4,000	4,000
	2012	18,000	18,000	17,000	17,000
	2013	12,000	12,000	12,000	12,000
	2014	21,000	21,000	21,000	21,000
	2015	86,000	86,000	85,000	83,000
	2016	107,000	107,000	105,000	104,000
	2017	91,000	84,000	83,000	82,000
	2018			5,000	8,000
Private Passenger Tota	al	341,000	334,000	334,000	333,000
■ Non Private Passeng	ger prior		-	-	-
	2009		-	-	-
	2010		-	-	-
	2011		-	-	-
	2012		-	-	-
	2013	8,000	8,000	8,000	8,000
	2014	17,000	17,000	17,000	17,000
	2015	97,000	97,000	95,000	94,000
	2016	173,000	173,000	172,000	169,000
	2017	292,000	305,000	303,000	300,000
	2018			21,000	44,000
Non Private Passenge	r Total	587,000	600,000	616,000	632,000
Grand Total		928,000	934,000	950,000	965,000

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



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

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Jurisdiction Desc AccountCode Desc AccountCode AccidentYear	(AII) IBNR Provision (AII) (AII)		inter	discount rate: rest rate margin:	
		Prior Month	Current Month	1st Projected	2nd Projected
Sum of Amount		ShareYYMM 🗾			
Business Segment	▼ Acc Year ▼	201711	201712	201801	201802
	_				
■ Private Passenger	prior	3,261,000	3,769,000	3,926,000	3,252,000
	2009	580,000	603,000	537,000	432,000
	2010	491,000	634,000	613,000	521,000
	2011	70,000	(46,000)	(81,000)	(51,000)
	2012	23,000	(216,000)	(287,000)	(168,000)
	2013	1,121,000	1,155,000	1,085,000	1,034,000
	2014	2,299,000	2,291,000	2,246,000	2,198,000
	2015	4,230,000	4,729,000	4,628,000	4,441,000
	2016	9,428,000	9,448,000	8,863,000	8,346,000
	2017	17,337,000	16,846,000	14,847,000	13,489,000
	2018			2,338,000	4,045,000
Private Passenger Tota	al	38,840,000	39,213,000	38,715,000	37,539,000
■ Non Private Passeng	•	63,000	559,000	600,000	591,000
	2009	94,000	83,000	79,000	78,000
	2010	283,000	394,000	406,000	400,000
	2011	(66,000)	(85,000)	(106,000)	(104,000)
	2012	665,000	1,226,000	1,108,000	1,093,000
	2013	2,797,000	1,599,000	1,632,000	1,618,000
	2014	4,940,000	5,401,000	5,258,000	4,976,000
	2015	8,336,000	8,144,000	8,134,000	7,972,000
	2016	15,524,000	15,263,000	15,051,000	14,582,000
	2017	28,055,000	29,943,000	27,297,000	25,695,000
	2018			4,225,000	7,538,000
Non Private Passenge	r Total	60,691,000	62,527,000	63,684,000	64,439,000
Grand Total		99,531,000	101,740,000	102,399,000	101,978,000

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



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

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Jurisdiction Desc	Newfoundland	&				
	Labrador	Ţ,			discount rate:	0.00%
AccountCode Desc	Undiscounted					
	IBNR Provision	Ţ		inter	est rate margin:	0 basis pts
AccountCode	(AII)	•				
AccidentYear	(AII)	•				
			Prior Month	Current Month	1st Projected	2nd Projected
Sum of Amount			ShareYYMM 🗾			
Business Segment	Acc Year	*	201711	201712	201801	201802
■ Private Passenger	prior		(15,000)	(15,000)	(13,000)	(11,000)
	2009		47,000	67,000	61,000	47,000
	2010		(6,000)	(6,000)	(5,000)	(4,000)
	2011		39,000	39,000	35,000	27,000
	2012		(187,000)	(187,000)	(170,000)	(131,000)
	2013		(25,000)	(40,000)	(36,000)	(28,000)
	2014		192,000	187,000	185,000	170,000
	2015		638,000	648,000	596,000	590,000
	2016		1,612,000	1,472,000	1,398,000	1,328,000
	2017		4,924,000	4,542,000	3,679,000	3,127,000
	2018				733,000	1,117,000
Private Passenger Total	<u> </u>		7,219,000	6,707,000	6,463,000	6,232,000
■ Non Private Passenge	•		3,000	3,000	3,000	3,000
	2009		3,000	3,000	3,000	3,000
	2010		18,000	18,000	18,000	18,000
	2011		(3,000)	(3,000)	(3,000)	(3,000)
	2012		450,000	450,000	445,000	441,000
	2013		91,000	78,000	77,000	76,000
	2014		258,000	354,000	350,000	346,000
	2015		334,000	348,000	331,000	324,000
	2016		937,000	917,000	825,000	767,000
	2017		2,656,000	2,453,000	2,183,000	1,965,000
	2018				356,000	524,000
Non Private Passenger	Total		4,747,000	4,621,000	4,588,000	4,464,000
Grand Total			11,966,000	11,328,000	11,051,000	10,696,000

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



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

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Jurisdiction Desc AccountCode Desc	New Brunswick Jundiscounted	discount rate: 0.00%			
Accountedate Desc	IBNR Provision	interest rate margin: 0 basis pts			
AccountCode	(AII)	Ī		3	
AccidentYear	(AII)				
		Prior Month	Current Month	1st Projected	2nd Projected
Sum of Amount		ShareYYMM 🗾			
Business Segment 🔻	Acc Year ▼	201711	201712	201801	201802
■ Private Passenger	prior	48,000	48,000	48,000	48,000
	2009	15,000	15,000	15,000	15,000
	2010	101,000	101,000	100,000	98,000
	2011	128,000	19,000	19,000	19,000
	2012	133,000	133,000	132,000	129,000
	2013	(21,000)	(14,000)	(14,000)	(14,000)
	2014	76,000	(103,000)	(98,000)	(95,000)
	2015	(530,000)	(546,000)	(541,000)	(530,000)
	2016	1,196,000	1,365,000	1,228,000	1,216,000
	2017	3,293,000	3,146,000	2,706,000	2,435,000
	2018			374,000	624,000
Private Passenger Total		4,439,000	4,164,000	3,969,000	3,945,000
■ Non Private Passenger	•	(4,000)	13,000	13,000	12,000
	2009	(4,000)	(4,000)	(4,000)	(4,000)
	2010	11,000	11,000	11,000	11,000
	2011	10,000	49,000	49,000	48,000
	2012	55,000	70,000	69,000	67,000
	2013	(54,000)	(668,000)	(661,000)	(641,000)
	2014	350,000	273,000	270,000	267,000
	2015	358,000	360,000	346,000	343,000
	2016	730,000	736,000	707,000	629,000
	2017	1,553,000	2,488,000	2,289,000	2,083,000
	2018			194,000	313,000
Non Private Passenger T	otal	3,005,000	3,328,000	3,283,000	3,128,000
Grand Total		7,444,000	7,492,000	7,252,000	7,073,000

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



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

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Jurisdiction Desc AccountCode Desc	Nova Scotia Undiscounted	,T	discount rate: 0.00%			
Account Code Desc		. T	interest rate margin: 0 basis pts			
AccountCode	(AII)	-		or and and game	- 10 10 10 pt 10	
AccidentYear	(AII)	-				
		Prior Month	Current Month	1st Projected	2nd Projected	
Sum of Amount		ShareYYMM J				
Business Segment	▼ Acc Year	▼ 201711	201712	201801	201802	
■ Private Passenger	prior	(23,000)	(22,000)	(17,000)	(17,000)	
	2009	(43,000)	(43,000)	(38,000)	(38,000)	
	2010	2,000	2,000	2,000	2,000	
	2011	(90,000)	(90,000)	(79,000)	(78,000)	
	2012	(44,000)	(44,000)	(39,000)	(39,000)	
	2013	(1,000)	(1,000)	(1,000)	(1,000)	
	2014	23,000	25,000	24,000	24,000	
	2015	355,000	204,000	186,000	184,000	
	2016	970,000	985,000	975,000	916,000	
	2017	1,757,000	1,612,000	1,499,000	1,364,000	
	2018			230,000	479,000	
Private Passenger Tota	l	2,906,000	2,628,000	2,742,000	2,796,000	
■ Non Private Passenge	•	11,000	11,000	11,000	11,000	
	2009	(6,000)		(6,000)	(6,000)	
	2010	2,000	110,000	108,000	105,000	
	2011	(63,000)	(63,000)	(62,000)	(60,000)	
	2012	8,000	8,000	8,000	8,000	
	2013	280,000	309,000	303,000	294,000	
	2014	56,000	(118,000)	(105,000)	(103,000)	
	2015	798,000	658,000	651,000	612,000	
	2016	1,770,000	1,702,000	1,685,000	1,634,000	
	2017	1,588,000	1,547,000	1,439,000	1,410,000	
	2018			275,000	529,000	
Non Private Passenger	Total	4,444,000	4,158,000	4,307,000	4,434,000	
Grand Total		7,350,000	6,786,000	7,049,000	7,230,000	

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



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

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Jurisdiction Desc	Prince Edward				
	Island	T		discount rate:	0.00%
AccountCode Desc	Undiscounted				
	IBNR Provision	T	inter	est rate margin:	0 basis pts
AccountCode	(/	-			
AccidentYear	(AII)	~			
		Prior Month	Current Month	1st Projected	2nd Projected
Sum of Amount		ShareYYMM 🗾			
Business Segment	▼ Acc Year	201711	201712	201801	201802
	_	(= <u>)</u>	()	()	4
■ Private Passenger	prior	(5,000)	(5,000)	(5,000)	(5,000)
	2009		-	-	-
	2010	(1,000)	(1,000)	(1,000)	(1,000)
	2011	(181,000)	(181,000)	(179,000)	(177,000)
	2012	2,000	2,000	2,000	2,000
	2013	10,000	10,000	10,000	10,000
	2014	60,000	60,000	59,000	58,000
	2015	197,000	207,000	205,000	203,000
	2016	291,000	298,000	295,000	292,000
	2017	485,000	381,000	351,000	298,000
	2018			46,000	51,000
Private Passenger Tota	al	858,000	771,000	783,000	731,000
■ Non Private Passeng	•	(1,000)	(1,000)	(1,000)	(1,000)
	2009		-	-	-
	2010		-	-	-
	2011	1,000	1,000	1,000	1,000
	2012	1,000	1,000	1,000	1,000
	2013	19,000	19,000	19,000	19,000
	2014	97,000	68,000	67,000	66,000
	2015	259,000	206,000	204,000	202,000
	2016	(1,000)	71,000	67,000	66,000
	2017	614,000	648,000	616,000	579,000
	2018			63,000	122,000
Non Private Passenger	· Total	989,000	1,013,000	1,037,000	1,055,000
Grand Total		1,847,000	1,784,000	1,820,000	1,786,000

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



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

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Jurisdiction Desc	Ontario 📮	ī	discount rate: 0.00%			
AccountCode Desc	Undiscounted IBNR Provision	r	interest rate margin: 0 basis pts			
AccountCode	(All)	Interest rate margin. Obasis pts				
AccidentYear	(All)	=				
riodidentifedi	(,)	Prior Month	Current Month	1st Projected	2nd Projected	
Sum of Amount		ShareYYMM •				
Business Segment	Acc Year	_	201712	201801	201802	
■ Private Passenger	prior	2,821,000	3,360,000	3,326,000	2,661,000	
	2009	465,000	469,000	464,000	371,000	
	2010	326,000	469,000	464,000	371,000	
	2011	(217,000)	(189,000)	(187,000)	(150,000)	
	2012	(468,000)	(432,000)	(428,000)	(342,000)	
	2013	160,000	238,000	236,000	189,000	
	2014	349,000	368,000	364,000	360,000	
	2015	743,000	757,000	749,000	727,000	
	2016	1,614,000	1,613,000	1,452,000	1,205,000	
	2017	2,626,000	2,812,000	2,475,000	2,376,000	
	2018			443,000	849,000	
Private Passenger Total		8,419,000	9,465,000	9,358,000	8,617,000	
■ Non Private Passenge	•	(23,000)	56,000	55,000	54,000	
	2009	48,000	63,000	60,000	59,000	
	2010	156,000	156,000	150,000	148,000	
	2011	174,000	257,000	247,000	245,000	
	2012	(389,000)	(119,000)	(114,000)	(113,000)	
	2013	556,000	230,000	221,000	219,000	
	2014	1,496,000	1,521,000	1,506,000	1,265,000	
	2015	1,672,000	1,559,000	1,543,000	1,528,000	
	2016	4,339,000	4,209,000	4,167,000	4,125,000	
	2017	9,110,000	10,012,000	9,612,000	9,228,000	
	2018			1,294,000	2,337,000	
Non Private Passenger T	otal	17,139,000	17,944,000	18,741,000	19,095,000	
Grand Total		25,558,000	27,409,000	28,099,000	27,712,000	
		, , ,		•	, ,	

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



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

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Jurisdiction Desc AccountCode Desc	Alberta Undiscounted	T	discount rate: 0.00%			
Accountcode Desc	IBNR Provision	T	interest rate margin: 0 basis pts			
AccountCode	_	7		estrate margini	0 000.5 pts	
AccidentYear		-				
		Prior Month	Current Month	1st Projected	2nd Projected	
Sum of Amount		ShareYYMM 📑		·	·	
Business Segment 🔻	Acc Year	201711	201712	201801	201802	
■ Private Passenger	prior	(160,000)	(198,000)	(196,000)	(195,000)	
	2009	29,000	29,000	29,000	29,000	
	2010	(54,000)	(54,000)	(53,000)	(52,000)	
	2011	117,000	117,000	116,000	115,000	
	2012	231,000	(11,000)	(11,000)	(11,000)	
	2013	411,000	410,000	406,000	402,000	
	2014	658,000	776,000	768,000	760,000	
	2015	948,000	1,681,000	1,664,000	1,564,000	
	2016	1,290,000	1,318,000	1,068,000	993,000	
	2017	1,907,000	1,967,000	1,790,000	1,629,000	
	2018			209,000	359,000	
Private Passenger Total		5,377,000	6,035,000	5,790,000	5,593,000	
■ Non Private Passenger	•	30,000	380,000	377,000	374,000	
	2009	19,000	(8,000)	(8,000)	(8,000)	
	2010	65,000	65,000	64,000	63,000	
	2011	(422,000)	(485,000)	(480,000)	(475,000)	
	2012	106,000	385,000	381,000	377,000	
	2013	562,000	314,000	311,000	308,000	
	2014	1,241,000	1,920,000	1,862,000	1,843,000	
	2015	2,345,000	2,475,000	2,450,000	2,401,000	
	2016	4,597,000	4,600,000	4,462,000	4,284,000	
	2017	9,286,000	9,188,000	7,626,000	7,016,000	
	2018			1,597,000	2,858,000	
Non Private Passenger To	otal	17,829,000	18,834,000	18,642,000	19,041,000	
Grand Total		23,206,000	24,869,000	24,432,000	24,634,000	

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



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

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Jurisdiction Desc AccountCode Desc	Yukon Undiscounted	,T	discount rate: 0.00%			
Account Code Desc		. T	inte	rest rate margin:	0 basis pts	
AccountCode	(AII)	-		economic mangina	ρ	
AccidentYear	(AII)	▼				
		Prior Month	Current Month	1st Projected	2nd Projected	
Sum of Amount		ShareYYMM 🗷				
Business Segment	Acc Year	201711	201712	201801	201802	
■ Private Passenger	prior	4,000	4,000	4,000	4,000	
	2009	5,000	5,000	5,000	5,000	
	2010	6,000	6,000	6,000	6,000	
	2011	11,000	11,000	11,000	11,000	
	2012	20,000	20,000	20,000	20,000	
	2013	35,000	35,000	35,000	35,000	
	2014	67,000	67,000	66,000	65,000	
	2015	109,000	109,000	108,000	107,000	
	2016	288,000	275,000	272,000	269,000	
	2017	202,000	143,000	142,000	131,000	
	2018			8,000	16,000	
Private Passenger Total		747,000	675,000	677,000	669,000	
■ Non Private Passenge	r prior	2,000	2,000	2,000	2,000	
	2009		-	-	-	
	2010		-	-	-	
	2011	4,000	4,000	4,000	4,000	
	2012	10,000	10,000	10,000	10,000	
	2013	9,000	9,000	9,000	9,000	
	2014	50,000	50,000	49,000	49,000	
	2015	73,000	73,000	72,000	71,000	
	2016	90,000	15,000	15,000	15,000	
	2017	172,000	200,000	194,000	188,000	
	2018			54,000	102,000	
Non Private Passenger 1	otal	410,000	363,000	409,000	450,000	
Grand Total		1,157,000	1,038,000	1,086,000	1,119,000	

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



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

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Jurisdiction Desc	Northwest					
	Territories	Ţ			discount rate:	0.00%
AccountCode Desc	Undiscounted					
	IBNR Provision	Ţ	interest rate margin: 0 basis pts			0 basis pts
AccountCode	(AII)	•				
AccidentYear	(AII)	•				
			Prior Month	Current Month	1st Projected	2nd Projected
Sum of Amount			ShareYYMM 🗾			
Business Segment	▼ Acc Year	•	201711	201712	201801	201802
■ Private Passenger	prior		(2,000)	(2,000)	(2,000)	(2,000)
	2009		28,000	28,000	28,000	28,000
	2010		4,000	4,000	4,000	4,000
	2011		7,000	7,000	7,000	7,000
	2012		25,000	25,000	25,000	25,000
	2013		54,000	54,000	53,000	52,000
	2014		(221,000)	(167,000)	(165,000)	(163,000)
	2015		232,000	232,000	230,000	205,000
	2016		381,000	381,000	373,000	351,000
	2017		354,000	353,000	307,000	282,000
	2018				72,000	133,000
Private Passenger Tota	al		862,000	915,000	932,000	922,000
■ Non Private Passeng	•		2,000	2,000	2,000	2,000
	2009			-	-	-
	2010		1,000	1,000	1,000	1,000
	2011			-	-	-
	2012			-	-	-
	2013		17,000	17,000	17,000	17,000
	2014		18,000	18,000	18,000	18,000
	2015		63,000	63,000	62,000	61,000
	2016		245,000	241,000	234,000	232,000
	2017		21,000	125,000	111,000	110,000
	2018				27,000	55,000
Non Private Passenger	r Total		367,000	467,000	472,000	496,000
Grand Total			1,229,000	1,382,000	1,404,000	1,418,000

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



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

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Jurisdiction Desc AccountCode Desc	Nunavut Undiscounted	discount rate: 0.00%			
Account Code Desc	_	Ţ	inte	rest rate margin:	O basis ots
AccountCode	(AII)	<u> </u>		estrate margini	0 000.5 p t5
AccidentYear		▼			
		Prior Month	Current Month	1st Projected	2nd Projected
Sum of Amount		ShareYYMM 🗗			
Business Segment	Acc Year	201711	201712	201801	201802
■ Private Passenger	prior	(1,000)	(1,000)	(1,000)	(1,000)
	2009		-	-	-
	2010	3,000	3,000	3,000	3,000
	2011	4,000	4,000	4,000	4,000
	2012	7,000	7,000	7,000	7,000
	2013	11,000	11,000	11,000	11,000
	2014	20,000	20,000	20,000	20,000
	2015	80,000	80,000	79,000	78,000
	2016	100,000	100,000	99,000	98,000
	2017	85,000	79,000	78,000	77,000
	2018			4,000	8,000
Private Passenger Total		309,000	303,000	304,000	305,000
■ Non Private Passenge	•		-	-	-
	2009		-	-	-
	2010		-	-	-
	2011		-	-	-
	2012		-	-	-
	2013	7,000	7,000	7,000	7,000
	2014	16,000	16,000	16,000	16,000
	2015	88,000	88,000	87,000	86,000
	2016	156,000	156,000	154,000	152,000
	2017	274,000	286,000	283,000	280,000
	2018			20,000	40,000
Non Private Passenger	Гotal	541,000	553,000	567,000	581,000
Grand Total		850,000	856,000	871,000	886,000

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



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

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Jurisdiction Desc	(,)	discount rate: 0.00%			
AccountCode Desc	Undiscounted IBNR Provision	7	inter	est rate margin:	O hasis nts
AccountCode	(All)	=	inter	estrate margin.	o basis pts
AccidentYear	(AII)	=			
	(* /	Prior Month	Current Month	1st Projected	2nd Projected
Sum of Amount		ShareYYMM 📭			
Business Segment	Acc Year 🔻		201712	201801	201802
■ Private Passenger	prior	2,667,000	3,169,000	3,144,000	2,482,000
	2009	546,000	570,000	564,000	457,000
	2010	381,000	524,000	520,000	427,000
	2011	(182,000)	(263,000)	(253,000)	(222,000)
	2012	(281,000)	(487,000)	(462,000)	(340,000)
	2013	634,000	703,000	700,000	656,000
	2014	1,224,000	1,233,000	1,223,000	1,199,000
	2015	2,772,000	3,372,000	3,276,000	3,128,000
	2016	7,742,000	7,807,000	7,160,000	6,668,000
	2017	15,633,000	15,035,000	13,027,000	11,719,000
	2018			2,119,000	3,636,000
Private Passenger Total		31,136,000	31,663,000	31,018,000	29,810,000
■ Non Private Passenge	•	20,000	466,000	462,000	457,000
	2009	60,000	48,000	45,000	44,000
	2010	253,000	361,000	352,000	346,000
	2011	(299,000)	(240,000)	(244,000)	(240,000)
	2012	241,000	805,000	800,000	791,000
	2013	1,487,000	315,000	303,000	308,000
	2014	3,582,000	4,102,000	4,033,000	3,767,000
	2015	5,990,000	5,830,000	5,746,000	5,628,000
	2016	12,863,000	12,647,000	12,316,000	11,904,000
	2017	25,274,000	26,947,000	24,353,000	22,859,000
	2018			3,880,000	6,880,000
Non Private Passenger T	otal	49,471,000	51,281,000	52,046,000	52,744,000
Considerated		00.507.055	02.044.022	02.004.000	02.554.000
Grand Total		80,607,000	82,944,000	83,064,000	82,554,000

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



Retro Claims Expense Provision (\$s) for Member Statements (<u>in</u>cludes Actuarial Present Value Adjustments)

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Jurisdiction Desc	Newfoundland	&
	Labrador	Ţ
AccountCode Desc	Retro Claims	
	Expense	Ţ
AccountCode	(AII)	_
AccidentYear	(AII)	-

discount rate: 1.81%

riccourricouc	(, ,,,					
AccidentYear	(AII)	▼				
			Prior Month	Current Month	1st Projected	2nd Projected
Sum of Amount		9	ShareYYMM 🗾			
Business Segment	Acc Year	▼	201711	201712	201801	201802
■ Private Passenger	prior		31,000	31,000	32,000	32,000
	2009		63,000	63,000	60,000	59,000
	2010		109,000	109,000	104,000	102,000
	2011		101,000	101,000	101,000	100,000
	2012		280,000	280,000	274,000	163,000
	2013		205,000	202,000	193,000	189,000
	2014		236,000	234,000	230,000	226,000
	2015		337,000	334,000	328,000	323,000
	2016		437,000	437,000	436,000	432,000
	2017		439,000	481,000	474,000	367,000
	2018				48,000	93,000
Private Passenger Total			2,238,000	2,272,000	2,280,000	2,086,000
■ Non Private Passenger	r prior		10,000	10,000	10,000	10,000
	2009		25,000	25,000	25,000	25,000
	2010		34,000	34,000	36,000	36,000
	2011		31,000	31,000	31,000	31,000
	2012		73,000	73,000	72,000	43,000
	2013		52,000	50,000	49,000	48,000
	2014		66,000	66,000	64,000	63,000
	2015		103,000	102,000	100,000	98,000
	2016		143,000	143,000	145,000	144,000
	2017		153,000	168,000	165,000	128,000
	2018				19,000	35,000
Non Private Passenger T	otal		690,000	702,000	716,000	661,000
Grand Total			2,928,000	2,974,000	2,996,000	2,747,000



Retro Claims Expense Provision (\$s) for Member Statements (<u>in</u>cludes Actuarial Present Value Adjustments)

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Jurisdiction Desc	New Brunswick 🕶
AccountCode Desc	Retro Claims
	Expense T
AccountCode	(All)
AccidentVear	(AII)

discount rate: 1.81%

AccidentYear	(AII)	~				
			Prior Month	Current Month	1st Projected	2nd Projected
Sum of Amount ShareYYMM 🗾						
Business Segment	▼ Acc Year	~	201711	201712	201801	201802
■ Private Passenger	prior		126,000	126,000	125,000	123,000
	2009		83,000	83,000	80,000	78,000
	2010		105,000	105,000	101,000	98,000
	2011		132,000	67,000	65,000	63,000
	2012		253,000	253,000	245,000	141,000
	2013		291,000	291,000	286,000	281,000
	2014		298,000	295,000	295,000	289,000
	2015		326,000	326,000	317,000	227,000
	2016		342,000	342,000	340,000	334,000
	2017		192,000	209,000	192,000	235,000
	2018				13,000	28,000
Private Passenger Tot	tal		2,148,000	2,097,000	2,059,000	1,897,000
■ Non Private Passen	• .		99,000	99,000	100,000	97,000
	2009		70,000	70,000	67,000	66,000
	2010		89,000	89,000	86,000	85,000
	2011		102,000	52,000	50,000	49,000
	2012		186,000	186,000	183,000	108,000
	2013		205,000	205,000	204,000	202,000
	2014		193,000	192,000	193,000	191,000
	2015		199,000	199,000	194,000	140,000
	2016		204,000	204,000	205,000	203,000
	2017		121,000	132,000	123,000	152,000
	2018				8,000	18,000
Non Private Passenge	er Total		1,468,000	1,428,000	1,413,000	1,311,000
Grand Total			3,616,000	3,525,000	3,472,000	3,208,000



Retro Claims Expense Provision (\$s) for Member Statements (<u>in</u>cludes Actuarial Present Value Adjustments)

page 3 of 10

Jurisdiction Desc	Nova Scotia	T.
AccountCode Desc	Retro Claims	
	Expense	-T
AccountCode	(AII)	-
AccidentYear	(AII)	₩

discount rate: 1.81%

AccidentYear	(AII)	_				
			Prior Month	Current Month	1st Projected	2nd Projected
Sum of Amount			ShareYYMM 🗾			
Business Segment	Acc Year	•	201711	201712	201801	201802
■ Private Passenger	prior		432,000	432,000	429,000	424,000
	2009		3,000	3,000	3,000	3,000
	2010		89,000	89,000	86,000	85,000
	2011		103,000	103,000	101,000	98,000
	2012		111,000	111,000	107,000	96,000
	2013		146,000	140,000	138,000	136,000
	2014		136,000	136,000	136,000	134,000
	2015		113,000	106,000	105,000	110,000
	2016		107,000	105,000	105,000	103,000
	2017		132,000	146,000	142,000	140,000
	2018				13,000	24,000
Private Passenger Tot	:al		1,372,000	1,371,000	1,365,000	1,353,000
■ Non Private Passen	• .		104,000	104,000	106,000	102,000
	2009		1,000	1,000	1,000	1,000
	2010		57,000	57,000	64,000	63,000
	2011		98,000	98,000	90,000	88,000
	2012		120,000	120,000	116,000	104,000
	2013		176,000	170,000	167,000	165,000
	2014		178,000	178,000	175,000	173,000
	2015		153,000	144,000	140,000	147,000
	2016		150,000	147,000	143,000	141,000
	2017		177,000	194,000	191,000	188,000
	2018				17,000	32,000
Non Private Passenge	r Total		1,214,000	1,213,000	1,210,000	1,204,000
Grand Total			2,586,000	2,584,000	2,575,000	2,557,000



Retro Claims Expense Provision (\$s) for Member Statements (<u>in</u>cludes Actuarial Present Value Adjustments)

page 4 of 10

Jurisdiction Desc	Prince Edward Island	J		discount rate:	1.81%
AccountCode Desc	Retro Claims				
	Expense	. T	inter	est rate margin:	25 basis pts
AccountCode	(AII)	<u> </u>			
AccidentYear	(All)	▼			
		Prior Month	Current Month	1st Projected	2nd Projected
Sum of Amount		ShareYYMM 🗾			
Business Segment	▼ Acc Year	201711	201712	201801	201802
		40.000	42.000	40.000	40.000
■ Private Passenger	prior	12,000	12,000	12,000	12,000
	2009	17,000	17,000	17,000	17,000
	2010	20,000	20,000	21,000	21,000
	2011	28,000	28,000	27,000	25,000
	2012	11,000	9,000	10,000	32,000
	2013	29,000	29,000	27,000	26,000
	2014	50,000	50,000	49,000	48,000
	2015	53,000	53,000	54,000	48,000
	2016	90,000	87,000	87,000	86,000
	2017		(2,000)	(2,000)	49,000
	2018			-	1,000
Private Passenger Total	al	310,000	303,000	302,000	365,000
		- 000	7 000	7.000	7.000
■ Non Private Passeng	- ·	7,000	7,000	7,000	7,000
	2009	10,000	10,000	10,000	10,000
	2010	13,000	13,000	13,000	13,000
	2011	18,000	18,000	18,000	18,000
	2012	7,000	6,000	8,000	21,000
	2013	18,000	18,000	17,000	17,000
	2014	30,000	30,000	31,000	31,000
	2015	34,000	34,000	35,000	31,000
	2016	59,000	57,000	57,000	57,000
	2017	1,000	(1,000)	(1,000)	32,000
	2018			-	
Non Private Passenge	r Total	197,000	192,000	195,000	237,000
Grand Total		507,000	495,000	497,000	602,000



Retro Claims Expense Provision (\$s) for Member Statements (<u>in</u>cludes Actuarial Present Value Adjustments)

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Jurisdiction Desc	Ontario	T.
AccountCode Desc	Retro Claims	
	Expense	T
AccountCode	(AII)	-
AccidentVear	(ΔΙΙ)	-

discount rate: 1.81%

AccidentYear	(AII)	~				
			Prior Month	Current Month	1st Projected	2nd Projected
Sum of Amount			ShareYYMM 🗾			
Business Segment	Acc Year	*	201711	201712	201801	201802
■ Private Passenger	prior		4,502,000	4,228,000	4,139,000	4,015,000
	2009		628,000	628,000	598,000	580,000
	2010		684,000	684,000	658,000	638,000
	2011		854,000	843,000	812,000	787,000
	2012		865,000	865,000	837,000	781,000
	2013		668,000	668,000	632,000	610,000
	2014		645,000	623,000	600,000	582,000
	2015		561,000	561,000	543,000	555,000
	2016		575,000	575,000	563,000	547,000
	2017		385,000	424,000	413,000	594,000
	2018				44,000	86,000
Private Passenger Tot	al		10,367,000	10,099,000	9,839,000	9,775,000
■ Non Private Passen	• .		1,200,000	1,129,000	1,113,000	1,092,000
	2009		365,000	365,000	365,000	357,000
	2010		520,000	520,000	510,000	500,000
	2011		679,000	671,000	658,000	645,000
	2012		817,000	817,000	776,000	732,000
	2013		1,021,000	1,021,000	1,005,000	984,000
	2014		1,207,000	1,172,000	1,132,000	1,109,000
	2015		1,252,000	1,252,000	1,229,000	1,266,000
	2016		1,271,000	1,271,000	1,261,000	1,239,000
	2017		850,000	938,000	925,000	1,341,000
	2018				106,000	204,000
Non Private Passenge	r Total		9,182,000	9,156,000	9,080,000	9,469,000
Grand Total			19,549,000	19,255,000	18,919,000	19,244,000

discount rate: 1.81%



Jurisdiction Desc

EXHIBIT C-1

Retro Claims Expense Provision (\$s) for Member Statements (<u>in</u>cludes Actuarial Present Value Adjustments)

,T

Alberta

2018

Non Private Passenger Total

Grand Total

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(3,000)

4,112,000

5,212,000

Julisaletion Desc	Alberta	discount rate. 1.01/0				
AccountCode Desc	Retro Claims					
	Expense	T.		inte	rest rate margin:	25 basis pts
AccountCode	(AII)	-				
AccidentYear	(AII)	-				
		Pric	or Month	Current Month	1st Projected	2nd Projected
Sum of Amount		Share	YYMM 📭			
Business Segment	Acc Year	▼ 2	201711	201712	201801	201802
■ Private Passenger	prior		353,000	353,000	351,000	344,000
	2009		64,000	64,000	63,000	62,000
	2010		60,000	55,000	54,000	53,000
	2011		81,000	81,000	77,000	76,000
	2012		91,000	91,000	88,000	86,000
	2013		103,000	103,000	100,000	98,000
	2014		96,000	96,000	94,000	92,000
	2015		125,000	125,000	123,000	121,000
	2016		119,000	119,000	120,000	119,000
	2017		(22,000)	(23,000)	(23,000)	48,000
	2018				-	1,000
Private Passenger Tot	al		1,070,000	1,064,000	1,047,000	1,100,000
■ Non Private Passen	• .		787,000	787,000	822,000	816,000
	2009		224,000	224,000	215,000	213,000
	2010		205,000	189,000	185,000	183,000
	2011		268,000	268,000	260,000	257,000
	2012		330,000	330,000	319,000	315,000
	2013		400,000	400,000	397,000	394,000
	2014		411,000	411,000	411,000	407,000
	2015		585,000	585,000	576,000	572,000
	2016		641,000	641,000	644,000	641,000
	2017		(134,000)	(146,000)	(144,000)	317,000

3,717,000

4,787,000

3,689,000

4,753,000

3,685,000

4,732,000



Retro Claims Expense Provision (\$s) for Member Statements (<u>in</u>cludes Actuarial Present Value Adjustments)

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Jurisdiction Desc	Yukon	T.
AccountCode Desc	Retro Claims	
	Expense	Ţ.
AccountCode	(All)	-
AccidentYear	(AII)	-

discount rate: 1.81%

AccidentYear	(AII)	*				
		I	Prior Month	Current Month	1st Projected	2nd Projected
Sum of Amount		Sh	areYYMM 💶			
Business Segment T	Acc Year	▼	201711	201712	201801	201802
■ Private Passenger	prior		14,000	14,000	14,000	14,000
	2009		3,000	3,000	3,000	3,000
	2010		4,000	4,000	4,000	4,000
	2011		4,000	4,000	4,000	4,000
	2012		7,000	7,000	7,000	7,000
	2013		(4,000)	(4,000)	(4,000)	(4,000)
	2014		7,000	7,000	7,000	7,000
	2015		10,000	10,000	10,000	14,000
	2016		9,000	9,000	9,000	9,000
	2017		(3,000)	(4,000)	(5,000)	4,000
	2018				(1,000)	(1,000)
Private Passenger Total			51,000	50,000	48,000	61,000
■ Non Private Passenger	· prior		8,000	8,000	8,000	8,000
	2009		3,000	3,000	3,000	3,000
	2010		4,000	4,000	4,000	4,000
	2011		7,000	7,000	7,000	7,000
	2012		8,000	8,000	8,000	8,000
	2013		(6,000)	(6,000)	(6,000)	(6,000)
	2014		9,000	9,000	9,000	9,000
	2015		13,000	13,000	13,000	19,000
	2016		19,000	19,000	19,000	19,000
	2017		(11,000)	(12,000)	(13,000)	14,000
	2017					
	2017				-	(1,000)
Non Private Passenger To	2018		54,000	53,000	- 52,000	(1,000) 84,000



Retro Claims Expense Provision (\$s) for Member Statements (<u>in</u>cludes Actuarial Present Value Adjustments)

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pts

Northwest	
Territories	"T
Retro Claims	
Expense	Ţ,
(AII)	-
(AII)	_
	Territories Retro Claims Expense (All)

AccidentYear	(AII)	▼							
			Prior Month	Current Month	1st Projected	2nd Projected			
Sum of Amount			ShareYYMM J						
Business Segment	Acc Year	_	201711	201712	201801	201802			
■ Private Passenger	prior		19,000	19,000	19,000	19,000			
	2009		13,000	13,000	14,000	14,000			
	2010		18,000	18,000	18,000	18,000			
	2011		21,000	21,000	21,000	21,000			
	2012		25,000	25,000	25,000	25,000			
	2013		31,000	31,000	27,000	27,000			
	2014		42,000	42,000	43,000	43,000			
	2015		50,000	50,000	49,000	27,000			
	2016		10,000	10,000	10,000	10,000			
	2017		16,000	18,000	18,000	37,000			
	2018				(3,000)	(5,000)			
Private Passenger Tot	al		245,000	247,000	241,000	236,000			
■ Non Private Passeng	-		5,000	5,000	5,000	5,000			
	2009		4,000	4,000	4,000	4,000			
	2010		6,000	6,000	6,000	6,000			
	2011		8,000	8,000	8,000	8,000			
	2012		9,000	9,000	9,000	9,000			
	2013		12,000	12,000	10,000	10,000			
	2014		15,000	15,000	15,000	15,000			
	2015		17,000	17,000	17,000	9,000			
	2016		4,000	4,000	4,000	4,000			
	2017		8,000	7,000	7,000	15,000			
	2018				(1,000)	(4,000)			
Non Private Passenge	r Total		88,000	87,000	84,000	81,000			
Grand Total			333,000	334,000	325,000	317,000			



Retro Claims Expense Provision (\$s) for Member Statements (<u>in</u>cludes Actuarial Present Value Adjustments)

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Jurisdiction Desc	Nunavut	Ţ
AccountCode Desc	Retro Claims	
	Expense	, T
AccountCode	(All)	_
AccidentYear	(All)	▼

AccidentYear	(All)	-				
			Prior Month	Current Month	1st Projected	2nd Projected
Sum of Amount		Sh	nareYYMM 🗾			
Business Segment T	Acc Year	-	201711	201712	201801	201802
■ Private Passenger	prior		1,000	1,000	1,000	1,000
	2009		2,000	2,000	2,000	2,000
	2010		4,000	4,000	4,000	4,000
	2011		6,000	6,000	6,000	6,000
	2012		7,000	7,000	7,000	7,000
	2013		(10,000)	(10,000)	(10,000)	(10,000)
	2014		(6,000)	(6,000)	(6,000)	(6,000)
	2015		6,000	6,000	6,000	6,000
	2016		3,000	3,000	3,000	2,000
	2017		(7,000)	(8,000)	(8,000)	3,000
	2018				(1,000)	(2,000)
Private Passenger Total			6,000	5,000	4,000	13,000
■ Non Private Passenger	· prior		1,000	1,000	1,000	1,000
	2009		1,000	1,000	1,000	1,000
	2010		3,000	3,000	3,000	3,000
	2011		4,000	4,000	4,000	4,000
	2012		6,000	6,000	6,000	6,000
	2013		(7,000)	(7,000)	(7,000)	(7,000)
	2014		(4,000)	(4,000)	(4,000)	(4,000)
	2015		6,000	6,000	6,000	6,000
	2016		5,000	5,000	5,000	5,000
	2017		(15,000)	(16,000)	(15,000)	9,000
	2018				(2,000)	(1,000)
Non Private Passenger To	otal		-	(1,000)	(2,000)	23,000
Grand Total			6,000	4,000	2,000	36,000



Retro Claims Expense Provision (\$s) for Member Statements (<u>in</u>cludes Actuarial Present Value Adjustments)

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Jurisdiction Desc	(AII)	-
AccountCode Desc	Retro Claims	
	Expense	T
AccountCode	(All)	-
AccidentYear	(AII)	-

discount rate: 1.81%

AccidentYear	(AII)	▼.				
			Prior Month	Current Month	1st Projected	2nd Projected
Sum of Amount		9	ShareYYMM 耳			
Business Segment	▼ Acc Year	*	201711	201712	201801	201802
■ Private Passenger	prior		5,490,000	5,216,000	5,122,000	4,984,000
	2009		876,000	876,000	840,000	818,000
	2010		1,093,000	1,088,000	1,050,000	1,023,000
	2011		1,330,000	1,254,000	1,214,000	1,180,000
	2012		1,650,000	1,648,000	1,600,000	1,338,000
	2013		1,459,000	1,450,000	1,389,000	1,353,000
	2014		1,504,000	1,477,000	1,448,000	1,415,000
	2015		1,581,000	1,571,000	1,535,000	1,431,000
	2016		1,692,000	1,687,000	1,673,000	1,642,000
	2017		1,132,000	1,241,000	1,201,000	1,477,000
	2018				113,000	225,000
Private Passenger To	tal		17,807,000	17,508,000	17,185,000	16,886,000
■ Non Private Passen	nger prior		2,221,000	2,150,000	2,172,000	2,138,000
	2009		703,000	703,000	691,000	680,000
	2010		931,000	915,000	907,000	893,000
	2011		1,215,000	1,157,000	1,126,000	1,107,000
	2012		1,556,000	1,555,000	1,497,000	1,346,000
	2013		1,871,000	1,863,000	1,836,000	1,807,000
	2014		2,105,000	2,069,000	2,026,000	1,994,000
	2015		2,362,000	2,352,000	2,310,000	2,288,000
	2016		2,496,000	2,491,000	2,483,000	2,453,000
	2017		1,150,000	1,264,000	1,238,000	2,196,000
	2018				147,000	280,000
Non Private Passenge	er Total		16,610,000	16,519,000	16,433,000	17,182,000
Grand Total			34,417,000	34,027,000	33,618,000	34,068,000



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

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Jurisdiction Desc	Newfoundland &
	Labrador 📭
AccountCode Desc	Undiscounted
	Retro Claims
	Expense T
AccountCode	(AII)
AccidentYear	(AII)

discount rate: 0.00%

Accidentifed	(AII)					
			Prior Month	Current Month	1st Projected	2nd Projected
Sum of Amount			ShareYYMM ••			
Business Segment	Acc Year	-	201711	201712	201801	201802
■ Private Passenger	prior		28,000	28,000	28,000	28,000
	2009		63,000	63,000	62,000	61,000
	2010		106,000	106,000	104,000	102,000
	2011		99,000	99,000	98,000	97,000
	2012		250,000	250,000	248,000	159,000
	2013		163,000	160,000	156,000	152,000
	2014		171,000	170,000	166,000	162,000
	2015		256,000	254,000	250,000	246,000
	2016		340,000	340,000	336,000	332,000
	2017		312,000	342,000	338,000	229,000
	2018				36,000	71,000
Private Passenger Tot	tal		1,788,000	1,812,000	1,822,000	1,639,000
■ Non Private Passen	iger prior		9,000	9,000	9,000	9,000
	2009		23,000	23,000	23,000	23,000
	2010		33,000	33,000	33,000	33,000
	2011		29,000	29,000	29,000	29,000
	2012		64,000	64,000	63,000	40,000
	2013		41,000	40,000	39,000	38,000
	2014		47,000	47,000	46,000	45,000
	2015		77,000	76,000	75,000	74,000
	2016		112,000	112,000	111,000	110,000
	2017		109,000	119,000	118,000	80,000
	2018				13,000	26,000
Non Private Passenge	er Total		544,000	552,000	559,000	507,000
Grand Total			2,332,000	2,364,000	2,381,000	2,146,000



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

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Jurisdiction Desc	New Brunswick 🕶
AccountCode Desc	Undiscounted
	Retro Claims
	Expense
AccountCode	(AII)
A	(411)

interest rate margin: 0 basis pts

discount rate: 0.00%

AccidentYear	(AII)	▼				
		Pri	or Month	Current Month	1st Projected	2nd Projected
Sum of Amount		Shar	eYYMM 💶			
Business Segment	Acc Year	▼	201711	201712	201801	201802
■ Private Passenger	prior		119,000	119,000	116,000	113,000
	2009		79,000	79,000	77,000	75,000
	2010		100,000	100,000	97,000	94,000
	2011		126,000	64,000	62,000	60,000
	2012		229,000	229,000	225,000	135,000
	2013		254,000	254,000	249,000	244,000
	2014		263,000	261,000	255,000	250,000
	2015		273,000	273,000	267,000	174,000
	2016		280,000	280,000	274,000	268,000
	2017		123,000	135,000	129,000	174,000
	2018				7,000	15,000
Private Passenger Tota	al		1,846,000	1,794,000	1,758,000	1,602,000
■ Non Private Passeng	ger prior		95,000	95,000	93,000	91,000
	2009		66,000	66,000	65,000	64,000
	2010					
	2010		84,000	84,000	82,000	80,000
	2011		84,000 95,000	84,000 48,000	82,000 47,000	
			•	•	·	80,000
	2011		95,000	48,000	47,000	80,000 46,000
	2011 2012		95,000 168,000	48,000 168,000	47,000 166,000	80,000 46,000 101,000
	2011 2012 2013		95,000 168,000 179,000	48,000 168,000 179,000	47,000 166,000 177,000	80,000 46,000 101,000 175,000
	2011 2012 2013 2014		95,000 168,000 179,000 171,000	48,000 168,000 179,000 170,000	47,000 166,000 177,000 168,000	80,000 46,000 101,000 175,000 166,000
	2011 2012 2013 2014 2015		95,000 168,000 179,000 171,000 168,000	48,000 168,000 179,000 170,000 168,000	47,000 166,000 177,000 168,000	80,000 46,000 101,000 175,000 166,000 110,000
	2011 2012 2013 2014 2015 2016		95,000 168,000 179,000 171,000 168,000	48,000 168,000 179,000 170,000 168,000	47,000 166,000 177,000 168,000 166,000	80,000 46,000 101,000 175,000 166,000 110,000 164,000
Non Private Passenge	2011 2012 2013 2014 2015 2016 2017 2018		95,000 168,000 179,000 171,000 168,000	48,000 168,000 179,000 170,000 168,000	47,000 166,000 177,000 168,000 166,000 166,000 84,000	80,000 46,000 101,000 175,000 166,000 110,000 164,000 114,000
Non Private Passenger	2011 2012 2013 2014 2015 2016 2017 2018		95,000 168,000 179,000 171,000 168,000 168,000 78,000	48,000 168,000 179,000 170,000 168,000 86,000	47,000 166,000 177,000 168,000 166,000 84,000 5,000	80,000 46,000 101,000 175,000 166,000 110,000 164,000 114,000 9,000



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

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Jurisdiction Desc	Nova Scotia	Ţ.
AccountCode Desc	Undiscounted	
	Retro Claims	
	Expense	Ţ
AccountCode	(AII)	₩
AccidentVeer	(AII)	-

interest rate margin: 0 basis pts

discount rate: 0.00%

	(- 11)					
AccidentYear	(All)	▼		_		
			ior Month	Current Month	1st Projected	2nd Projected
Sum of Amount			reYYMM 🝱			
Business Segment	Acc Year	▼	201711	201712	201801	201802
■ Private Passenger	prior		419,000	419,000	413,000	407,000
	2009		3,000	3,000	3,000	3,000
	2010		84,000	84,000	82,000	80,000
	2011		97,000	97,000	95,000	93,000
	2012		95,000	95,000	93,000	91,000
	2013		123,000	118,000	116,000	114,000
	2014		115,000	115,000	113,000	111,000
	2015		85,000	85,000	83,000	88,000
	2016		73,000	71,000	69,000	67,000
	2017		91,000	100,000	98,000	96,000
	2018				7,000	15,000
Private Passenger Total			1,185,000	1,187,000	1,172,000	1,165,000
■ Non Private Passenge	r prior		101,000	101,000	99,000	97,000
	2009		1,000	1,000	1,000	1,000
	2010		=0.000			
			59,000	59,000	58,000	57,000
	2011		59,000 95,000	59,000 95,000	58,000 93,000	57,000 91,000
	2011 2012		•		·	
			95,000	95,000	93,000	91,000
	2012		95,000 106,000	95,000 106,000	93,000 104,000	91,000 102,000
	2012 2013		95,000 106,000 151,000	95,000 106,000 145,000	93,000 104,000 143,000	91,000 102,000 141,000
	2012 2013 2014		95,000 106,000 151,000 151,000	95,000 106,000 145,000 151,000	93,000 104,000 143,000 149,000	91,000 102,000 141,000 147,000
	2012 2013 2014 2015		95,000 106,000 151,000 151,000 116,000	95,000 106,000 145,000 151,000 116,000	93,000 104,000 143,000 149,000 113,000	91,000 102,000 141,000 147,000 120,000
	2012 2013 2014 2015 2016		95,000 106,000 151,000 151,000 116,000 101,000	95,000 106,000 145,000 151,000 116,000 98,000	93,000 104,000 143,000 149,000 113,000 95,000	91,000 102,000 141,000 147,000 120,000 92,000
Non Private Passenger	2012 2013 2014 2015 2016 2017 2018		95,000 106,000 151,000 151,000 116,000 101,000	95,000 106,000 145,000 151,000 116,000 98,000	93,000 104,000 143,000 149,000 113,000 95,000 131,000	91,000 102,000 141,000 147,000 120,000 92,000 128,000
Non Private Passenger	2012 2013 2014 2015 2016 2017 2018		95,000 106,000 151,000 151,000 116,000 101,000 122,000	95,000 106,000 145,000 151,000 116,000 98,000 134,000	93,000 104,000 143,000 149,000 113,000 95,000 131,000	91,000 102,000 141,000 147,000 120,000 92,000 128,000 20,000



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

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Jurisdiction Desc	Prince Edward	
	Island	Ţ
AccountCode Desc	Undiscounted	
	Retro Claims	
	Expense	Ţ
AccountCode	(AII)	-
AccidentYear	(AII)	-

discount rate: 0.00%

Accidentifeat	(AII)					
			Prior Month	Current Month	1st Projected	2nd Projected
Sum of Amount			ShareYYMM •			
Business Segment	Acc Year	-	201711	201712	201801	201802
■ Private Passenger	prior		11,000	11,000	11,000	11,000
	2009		15,000	15,000	15,000	15,000
	2010		19,000	19,000	19,000	19,000
	2011		26,000	26,000	25,000	24,000
	2012		11,000	9,000	8,000	30,000
	2013		27,000	27,000	26,000	25,000
	2014		45,000	45,000	44,000	43,000
	2015		42,000	42,000	41,000	35,000
	2016		74,000	71,000	70,000	69,000
	2017		(12,000)	(13,000)	(14,000)	38,000
	2018				(1,000)	(2,000)
Private Passenger Tot	tal		258,000	252,000	244,000	307,000
■ Non Private Passen	• .		6,000	6,000	6,000	6,000
	2009		9,000	9,000	9,000	9,000
	2010		12,000	12,000	12,000	12,000
	2011		16,000	16,000	16,000	16,000
	2012		7,000	6,000	6,000	19,000
	2013		17,000	17,000	17,000	17,000
	2014		28,000	28,000	28,000	28,000
	2015		28,000	28,000	28,000	24,000
	2016		48,000	46,000	46,000	46,000
	2017		(8,000)	(9,000)	(10,000)	24,000
	2018				(1,000)	(1,000)
Non Private Passenge	er Total		163,000	159,000	157,000	200,000
Grand Total			421,000	411,000	401,000	507,000



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

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Jurisdiction Desc	Ontario	Ţ,
AccountCode Desc	Undiscounted	
	Retro Claims	
	Expense	Ţ
AccountCode	(AII)	₩
AccidentVear	(AII)	-

interest rate margin: 0 basis pts

discount rate: 0.00%

AccidentYear	(AII)	▼				
			Prior Month	Current Month	1st Projected	2nd Projected
Sum of Amount			ShareYYMM 耳			
Business Segment	Acc Year	•	201711	201712	201801	201802
■ Private Passenger	prior		4,478,000	4,203,000	4,076,000	3,955,000
	2009		626,000	626,000	607,000	589,000
	2010		676,000	676,000	656,000	636,000
	2011		838,000	827,000	802,000	778,000
	2012		846,000	846,000	822,000	766,000
	2013		613,000	613,000	593,000	573,000
	2014		561,000	543,000	526,000	509,000
	2015		478,000	478,000	463,000	476,000
	2016		467,000	467,000	453,000	439,000
	2017		284,000	311,000	296,000	482,000
	2018				30,000	60,000
Private Passenger To	tal		9,867,000	9,590,000	9,324,000	9,263,000
■ Non Private Passen	iger prior		1,171,000	1,101,000	1,079,000	1,058,000
	2009		355,000	355,000	348,000	341,000
	2010		506,000	506,000	496,000	486,000
	2011		663,000	655,000	642,000	629,000
	2012		775,000	775,000	760,000	716,000
	2013		934,000	934,000	913,000	893,000
	2014		1,045,000	1,013,000	991,000	970,000
	2015		1,064,000	1,064,000	1,041,000	1,082,000
	2016		1,035,000	1,035,000	1,014,000	994,000
	2017		629,000	693,000	670,000	1,095,000
	2018				72,000	145,000
Non Private Passenge	er Total		8,177,000	8,131,000	8,026,000	8,409,000
Grand Total			18,044,000	17,721,000	17,350,000	17,672,000



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

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Jurisdiction Desc	Alberta	Ţ,
AccountCode Desc	Undiscounted	
	Retro Claims	
	Expense	Ţ
AccountCode	(AII)	₩
AccidentVear	(AII)	

discount rate: 0.00%

AccidentYear	(AII)	₩				
			Prior Month	Current Month	1st Projected	2nd Projected
Sum of Amount		Sh	areYYMM 💶			
Business Segment	Acc Year	▼	201711	201712	201801	201802
■ Private Passenger	prior		336,000	336,000	329,000	322,000
	2009		62,000	62,000	61,000	60,000
	2010		57,000	53,000	52,000	51,000
	2011		76,000	76,000	74,000	73,000
	2012		85,000	85,000	83,000	81,000
	2013		96,000	96,000	94,000	92,000
	2014		90,000	90,000	88,000	86,000
	2015		82,000	82,000	80,000	78,000
	2016		89,000	89,000	88,000	87,000
	2017		(24,000)	(26,000)	(27,000)	46,000
	2018				(2,000)	(4,000)
Private Passenger To	tal		949,000	943,000	920,000	972,000
■ Non Private Passen	•		790,000	790,000	783,000	776,000
	2009		222,000	222,000	220,000	218,000
	2010		201,000	185,000	183,000	181,000
	2011		257,000	257,000	254,000	251,000
	2012		309,000	309,000	306,000	303,000
	2013		376,000	376,000	372,000	368,000
	2014		391,000	391,000	387,000	383,000
	2015		380,000	380,000	376,000	372,000
	2016		474,000	474,000	471,000	468,000
	2017		(151,000)	(165,000)	(168,000)	300,000
	2018				(14,000)	(28,000)
Non Private Passenge	er Total		3,249,000	3,219,000	3,170,000	3,592,000
Grand Total			4,198,000	4,162,000	4,090,000	4,564,000



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

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Jurisdiction Desc	Yukon	Ţ.
AccountCode Desc	Undiscounted	
	Retro Claims	
	Expense	Ţ
AccountCode	(AII)	₩
AccidentVear	(ΔII)	-

discount rate: 0.00%

AccidentYear	(AII)	T				
			Prior Month	Current Month	1st Projected	2nd Projected
Sum of Amount		S	hareYYMM 耳			
Business Segment	Acc Year	▼	201711	201712	201801	201802
■ Private Passenger	prior		13,000	13,000	13,000	13,000
	2009		3,000	3,000	3,000	3,000
	2010		4,000	4,000	4,000	4,000
	2011		4,000	4,000	4,000	4,000
	2012		6,000	6,000	6,000	6,000
	2013		(5,000)	(5,000)	(5,000)	(5,000)
	2014		6,000	6,000	6,000	6,000
	2015		2,000	2,000	2,000	6,000
	2016		7,000	7,000	7,000	7,000
	2017		(5,000)	(6,000)	(6,000)	3,000
	2018				(1,000)	(1,000)
Private Passenger To	tal		35,000	34,000	33,000	46,000
■ Non Private Passer	nger prior		8,000	8,000	8,000	8,000
	2009		3,000	3,000	3,000	3,000
	2010		4,000	4,000	4,000	4,000
	2011		6,000	6,000	6,000	6,000
	2012		7,000	7,000	7,000	7,000
	2013		(7,000)	(7,000)	(7,000)	(7,000)
	2014		8,000	8,000	8,000	8,000
	2015		2,000	2,000	2,000	8,000
	2016		14,000	14,000	14,000	14,000
	2017		(17,000)	(19,000)	(19,000)	9,000
	2018		, , ,	, , ,	(1,000)	(2,000)
Non Private Passenge	er Total		28,000	26,000	25,000	58,000
Grand Total			63,000	60,000	58,000	104,000



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

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

discount rate: 0.00%

Accidentical	(All)		Prior Month	Current Month	1st Projected	2nd Projected
Sum of Amount			ShareYYMM ••		1st Projected	Ziiu Projecteu
	_ A W				204.004	204002
Business Segment	▼ Acc Year	▼	201711	201712	201801	201802
■ Private Passenger	prior		17,000	17,000	17,000	17,000
- Filvate Fasseligei	2009		13,000	13,000	13,000	13,000
	2010		17,000	17,000	17,000	17,000
	2010		20,000	20,000	20,000	· ·
			-		•	20,000
	2012		24,000	24,000	24,000	24,000
	2013		25,000	25,000	25,000	25,000
	2014		25,000	25,000	25,000	25,000
	2015		48,000	48,000	48,000	25,000
	2016		5,000	5,000	5,000	5,000
	2017		1,000	1,000	1,000	20,000
	2018				(4,000)	(9,000)
Private Passenger Tot	al		195,000	195,000	191,000	182,000
■ Non Private Passen	ger prior		5,000	5,000	5,000	5,000
	2009		4,000	4,000	4,000	4,000
	2010		5,000	5,000	5,000	5,000
	2011		7,000	7,000	7,000	7,000
	2012		8,000	8,000	8,000	8,000
	2013		9,000	9,000	9,000	9,000
	2014		9,000	9,000	9,000	9,000
	2015		16,000	16,000	16,000	8,000
	2016		2,000	2,000	2,000	2,000
	2017		1,000	-	-	8,000
	2018				(2,000)	(5,000)
Non Private Passenge			66,000	65,000	63,000	60,000
			•	•	•	
Grand Total			261,000	260,000	254,000	242,000



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

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Jurisdiction Desc	Nunavut	Ţ.
AccountCode Desc	Undiscounted	
	Retro Claims	
	Expense	Ţ
AccountCode	(AII)	₩
AccidentVear	(AII)	-

interest rate margin: 0 basis pts

discount rate: 0.00%

AccidentYear	(AII)	▼				
			Prior Month	Current Month	1st Projected	2nd Projected
Sum of Amount			ShareYYMM 🗷			
Business Segment	Acc Year	▼	201711	201712	201801	201802
■ Private Passenger	prior		1,000	1,000	1,000	1,000
	2009		2,000	2,000	2,000	2,000
	2010		4,000	4,000	4,000	4,000
	2011		5,000	5,000	5,000	5,000
	2012		6,000	6,000	6,000	6,000
	2013		(11,000)	(11,000)	(11,000)	(11,000)
	2014		(7,000)	(7,000)	(7,000)	(7,000)
	2015		5,000	5,000	5,000	5,000
	2016		1,000	1,000	1,000	1,000
	2017		(8,000)	(9,000)	(9,000)	2,000
	2018				(1,000)	(2,000)
Private Passenger Tot	:al		(2,000)	(3,000)	(4,000)	6,000
■ Non Private Passen			1,000	1,000	1,000	1,000
	2009		1,000	1,000	1,000	1,000
	2010		3,000	3,000	3,000	3,000
	2011		4,000	4,000	4,000	4,000
	2012		5,000	5,000	5,000	5,000
	2013		(8,000)	(8,000)	(8,000)	(8,000)
	2014		(5,000)	(5,000)	(5,000)	(5,000)
	2015		5,000	5,000	5,000	5,000
	2016		2,000	2,000	2,000	2,000
	2017		(17,000)	(19,000)	(19,000)	5,000
			(17,000)	(19,000)	(19,000) (2,000)	5,000 (2,000)
Non Private Passenge	2017 2018		(17,000)	(19,000) (11,000)	• • •	•
Non Private Passenge	2017 2018				(2,000)	(2,000)



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

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Jurisdiction Desc

AccountCode Desc

Undiscounted
Retro Claims
Expense

AccountCode

(All)

interest rate margin: 0 basis pts

discount rate: 0.00%

AccidentYear	(AII)	~				
		Pric	or Month	Current Month	1st Projected	2nd Projected
Sum of Amount		Share	YYMM 🗾			
Business Segment	Acc Year	▼ 2	201711	201712	201801	201802
■ Private Passenger	prior		5,422,000	5,147,000	5,004,000	4,867,000
	2009		866,000	866,000	843,000	821,000
	2010		1,067,000	1,063,000	1,035,000	1,007,000
	2011		1,291,000	1,218,000	1,185,000	1,154,000
	2012		1,552,000	1,550,000	1,515,000	1,298,000
	2013		1,285,000	1,277,000	1,243,000	1,209,000
	2014		1,269,000	1,248,000	1,216,000	1,185,000
	2015		1,271,000	1,269,000	1,239,000	1,133,000
	2016		1,336,000	1,331,000	1,303,000	1,275,000
	2017		762,000	835,000	806,000	1,090,000
	2018				71,000	143,000
Private Passenger Tot	:al	:	16,121,000	15,804,000	15,460,000	15,182,000
■ Non Private Passenger prior						
inon Private Passeri			2,186,000	2,116,000	2,083,000	2,051,000
= Non Private Passen	2009		684,000	684,000	674,000	664,000
= Non Private Passeri	2009 2010		684,000 907,000	684,000 891,000	674,000 876,000	664,000 861,000
inon Private Passeri	2009 2010 2011		684,000 907,000 1,172,000	684,000	674,000 876,000 1,098,000	664,000
■ Non Private Passeri	2009 2010		684,000 907,000 1,172,000 1,449,000	684,000 891,000	674,000 876,000	664,000 861,000
Non Private Passeri	2009 2010 2011		684,000 907,000 1,172,000	684,000 891,000 1,117,000	674,000 876,000 1,098,000	664,000 861,000 1,079,000
■ NON Private Passeri	2009 2010 2011 2012		684,000 907,000 1,172,000 1,449,000	684,000 891,000 1,117,000 1,448,000	674,000 876,000 1,098,000 1,425,000	664,000 861,000 1,079,000 1,301,000
Non Private Passeri	2009 2010 2011 2012 2013		684,000 907,000 1,172,000 1,449,000 1,692,000	684,000 891,000 1,117,000 1,448,000 1,685,000	674,000 876,000 1,098,000 1,425,000 1,655,000	664,000 861,000 1,079,000 1,301,000 1,626,000
Non Private Passeri	2009 2010 2011 2012 2013 2014		684,000 907,000 1,172,000 1,449,000 1,692,000 1,845,000	684,000 891,000 1,117,000 1,448,000 1,685,000 1,812,000	674,000 876,000 1,098,000 1,425,000 1,655,000 1,781,000	664,000 861,000 1,079,000 1,301,000 1,626,000 1,751,000
Non Private Passeri	2009 2010 2011 2012 2013 2014 2015		684,000 907,000 1,172,000 1,449,000 1,692,000 1,845,000 1,856,000	684,000 891,000 1,117,000 1,448,000 1,685,000 1,812,000 1,855,000	674,000 876,000 1,098,000 1,425,000 1,655,000 1,781,000 1,822,000	664,000 861,000 1,079,000 1,301,000 1,626,000 1,751,000 1,803,000
Non Private Passeri	2009 2010 2011 2012 2013 2014 2015 2016		684,000 907,000 1,172,000 1,449,000 1,692,000 1,845,000 1,856,000 1,956,000	684,000 891,000 1,117,000 1,448,000 1,685,000 1,812,000 1,855,000 1,951,000	674,000 876,000 1,098,000 1,425,000 1,655,000 1,781,000 1,822,000 1,921,000	664,000 861,000 1,079,000 1,301,000 1,626,000 1,751,000 1,803,000 1,892,000
Non Private Passenge	2009 2010 2011 2012 2013 2014 2015 2016 2017 2018		684,000 907,000 1,172,000 1,449,000 1,692,000 1,845,000 1,856,000 1,956,000	684,000 891,000 1,117,000 1,448,000 1,685,000 1,812,000 1,855,000 1,951,000	674,000 876,000 1,098,000 1,425,000 1,655,000 1,781,000 1,822,000 1,921,000 787,000	664,000 861,000 1,079,000 1,301,000 1,626,000 1,751,000 1,803,000 1,892,000 1,763,000
	2009 2010 2011 2012 2013 2014 2015 2016 2017 2018		684,000 907,000 1,172,000 1,449,000 1,692,000 1,845,000 1,856,000 1,956,000 746,000	684,000 891,000 1,117,000 1,448,000 1,685,000 1,812,000 1,855,000 1,951,000 820,000	674,000 876,000 1,098,000 1,425,000 1,655,000 1,781,000 1,822,000 1,921,000 787,000 81,000	664,000 861,000 1,079,000 1,301,000 1,626,000 1,751,000 1,803,000 1,892,000 1,763,000 162,000



EXHIBIT D

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

		Prior Month	Current Month	1st Projected	2nd Projected
Sum of MS Cost Ratio		ShareYYMM 📭			
Business Segment T	Jurisdiction Desc	201711	201712	201801	201802
■ Private Passenger	Newfoundland & Labrador	90.6%	91.2%	91.1%	91.2%
	New Brunswick	78.7%	78.6%	78.5%	78.5%
	Nova Scotia	87.4%	87.8%	87.7%	87.7%
	Prince Edward Island	58.3%	58.5%	58.6%	58.6%
	Ontario	72.4%	72.9%	72.8%	72.9%
	Alberta	67.8%	67.5%	67.3%	67.5%
	Yukon	75.9%	77.6%	76.8%	76.6%
	Northwest Territories	62.5%	62.0%	61.6%	61.8%
	Nunavut	41.4%	42.6%	42.6%	40.1%
■ Non Private Passenger	Newfoundland & Labrador	96.5%	95.7%	94.9%	94.9%
	New Brunswick	69.9%	68.2%	67.6%	67.5%
	Nova Scotia	77.6%	76.6%	75.9%	75.8%
	Prince Edward Island	72.0%	71.4%	71.1%	71.1%
	Ontario	73.1%	73.6%	72.8%	72.8%
	Alberta	69.0%	69.2%	68.9%	68.9%
	Yukon	66.4%	68.1%	67.2%	67.7%
	Northwest Territories	58.8%	48.4%	47.6%	47.7%
	Nunavut	54.5%	54.5%	53.9%	54.3%
Grand Total		75.4%	75.4%	75.0%	75.1%

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

		Prior Month	Current Month	1st Projected	2nd Projected
Sum of Future Cost Ratio		ShareYYMM 📭			
Business Segment T	Jurisdiction Desc	201711	201712	201801	201802
■ Private Passenger	Newfoundland & Labrador	86.3%	86.9%	86.8%	86.9%
	New Brunswick	74.7%	74.6%	74.5%	74.5%
	Nova Scotia	82.6%	83.0%	82.9%	83.0%
	Prince Edward Island	55.0%	55.4%	55.6%	55.5%
	Ontario	67.9%	68.4%	68.4%	68.5%
	Alberta	64.8%	64.6%	64.5%	64.5%
	Yukon	72.2%	73.8%	73.2%	72.5%
	Northwest Territories	59.4%	58.9%	58.7%	58.7%
	Nunavut	39.3%	40.2%	40.2%	39.2%
■ Non Private Passenger	Newfoundland & Labrador	91.7%	90.9%	90.8%	90.9%
	New Brunswick	66.7%	65.1%	65.0%	65.0%
	Nova Scotia	73.5%	72.5%	72.5%	72.5%
	Prince Edward Island	67.7%	67.5%	67.6%	67.5%
	Ontario	68.5%	68.9%	68.9%	68.9%
	Alberta	65.9%	66.0%	66.0%	66.0%
	Yukon	63.1%	64.9%	64.5%	64.8%
	Northwest Territories	56.2%	46.5%	46.2%	46.0%
	Nunavut	51.9%	52.2%	52.3%	52.4%
Grand Total		71.5%	71.5%	71.4%	71.5%



Discount Rate & Margins for Adverse Deviations

The tables below present selected margins for adverse development by coverage (the total is a weighted average, based on the unpaid claims projection for December 31, 2017 from the valuation), followed by the selected discount rate and the associated margin for investment income.

NEWFOUNDLAND AND LABRADOR

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		Private	Passenger		Non-Private Passenger			
	Selected	Margins fo	r Adverse Develo	opment	Selected	Margins fo	r Adverse Develo	opment
Accident	Third Party	Accident	Other	TOTAL	Third Party	Accident	Other	TOTAL
Year	Liability	Benefits	Coverages	TOTAL	Liability	Benefits	Coverages	TOTAL
1995	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
1996	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
1997	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
1998	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
1999	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2000	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2001	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2002	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2003	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2004	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2005	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2006	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2007	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2008	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2009	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2010	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2011	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2012	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2013	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%	9.9%
2018	10.0%	10.0%	5.0%	8.9%	10.0%	10.0%	5.0%	9.6%
prem liab	10.0%	10.0%	5.0%	8.9%	10.0%	10.0%	5.0%	9.6%
			discount rate:	1.81%			discount rate:	1.81%
		margin	(basis points):	25		margin	(basis points):	25



Discount Rate & Margins for Adverse Deviations

The tables below present selected margins for adverse development by coverage (the total is a weighted average, based on the unpaid claims projection for December 31, 2017 from the valuation), followed by the selected discount rate and the associated margin for investment income.

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NEW BRUNSWICK

		Private	Passenger			Non-Priva	nte Passenger	
	Selected	Margins fo	r Adverse Devel	opment	Selected	Margins fo	r Adverse Devel	opment
Accident	Third Party	Accident	Other	TOTAL	Third Party	Accident	Other	TOTAL
Year	Liability	Benefits	Coverages	TOTAL	Liability	Benefits	Coverages	TOTAL
1995	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
1996	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
1997	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
1998	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
1999	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2000	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2001	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2002	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2003	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2004	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2005	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2006	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2007	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2008	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2009	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2010	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2011	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2012	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2013	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2014	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2015	12.5%	10.8%	5.0%	12.0%	12.5%	10.1%	5.0%	11.1%
2016	12.5%	10.0%	5.0%	12.1%	12.4%	10.1%	5.0%	11.1%
2017	12.4%	10.1%	5.0%	11.6%	12.3%	10.1%	5.0%	11.4%
2018	11.8%	10.1%	5.0%	10.0%	11.9%	10.1%	5.0%	10.8%
prem liab	11.8%	10.1%	5.0%	10.0%	11.9%	10.1%	5.0%	10.8%
			discount rate:	1.81%			discount rate:	1.81%
		margin	(basis points):	25		margin	(basis points):	25



Discount Rate & Margins for Adverse Deviations

The tables below present selected margins for adverse development by coverage (the total is a weighted average, based on the unpaid claims projection for December 31, 2017 from the valuation), followed by the selected discount rate and the associated margin for investment income.

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NOVA SCOTIA

		Private	Passenger			Non-Priva	ite Passenger	
	Selected	Margins fo	r Adverse Develo	opment	Selected	Margins fo	r Adverse Develo	opment
Accident	Third Party	Accident	Other	TOTAL	Third Party	Accident	Other	TOTAL
Year	Liability	Benefits	Coverages	TOTAL	Liability	Benefits	Coverages	TOTAL
1995	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
1996	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
1997	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
1998	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
1999	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2000	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2001	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2002	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2003	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2004	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2005	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2006	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2007	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2008	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2009	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2010	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2011	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2012	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2013	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2014	12.5%	10.0%	5.0%	11.9%	12.5%	10.0%	5.0%	11.2%
2015	12.5%	10.0%	5.0%	12.2%	12.5%	10.2%	5.0%	11.8%
2016	12.5%	10.1%	5.0%	12.1%	12.5%	10.1%	5.0%	11.5%
2017	12.4%	10.1%	5.0%	11.6%	12.3%	10.2%	5.0%	11.4%
2018	11.8%	10.1%	5.0%	9.8%	11.8%	10.1%	5.0%	10.5%
prem liab	11.8%	10.1%	5.0%	9.8%	11.8%	10.1%	5.0%	10.5%
			discount rate:	1.81%			discount rate:	1.81%
		margir	(basis points):	25		margin	(basis points):	25



Discount Rate & Margins for Adverse Deviations

The tables below present selected margins for adverse development by coverage (the total is a weighted average, based on the unpaid claims projection for December 31, 2017 from the valuation), followed by the selected discount rate and the associated margin for investment income.

PRINCE EDWARD ISLAND

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		Private	Passenger			Non-Priva	ate Passenger	
	Selected	l Margins fo	r Adverse Devel	opment	Selected	Margins fo	r Adverse Devel	opment
Accident	Third Party	Accident	Other	TOTAL	Third Party	Accident	Other	TOTAL
Year	Liability	Benefits	Coverages	TOTAL	Liability	Benefits	Coverages	TOTAL
1995	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
1996	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
1997	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
1998	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
1999	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2000	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2001	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2002	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2003	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2004	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2005	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2006	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2007	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2008	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2009	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2010	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2011	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2012	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2013	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2014	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2015	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2016	12.5%	10.1%	5.0%	12.3%	12.5%	10.1%	5.0%	11.0%
2017	12.2%	10.2%	5.0%	11.9%	12.3%	10.2%	5.0%	11.1%
2018	11.8%	10.2%	5.0%	10.9%	11.7%	10.2%	5.0%	10.0%
prem liab	11.8%	10.2%	5.0%	10.5%	11.7%	10.2%	5.0%	10.0%
			discount rate:	1.81%			discount rate:	1.81%
		margin	(basis points):	25		margin	(basis points):	25



Discount Rate & Margins for Adverse Deviations

The tables below present selected margins for adverse development by coverage (the total is a weighted average, based on the unpaid claims projection for December 31, 2017 from the valuation), followed by the selected discount rate and the associated margin for investment income.

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ONTARIO

		Private	Passenger			Non-Priva	ite Passenger	
	Selected	_	r Adverse Devel	opment		_	r Adverse Devel	opment
Accident	Third Party	Accident	Other	TOTAL	Third Party	Accident	Other	TOTAL
Year	Liability	Benefits	Coverages		Liability	Benefits	Coverages	
1995	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%
1996	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%
1997	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%
1998	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%
1999	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%
2000	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%
2001	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%
2002	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%
2003	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%
2004	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%
2005	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%
2006	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%
2007	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%
2008	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%
2009	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%
2010	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%
2011	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%
2012	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%
2013	9.9%	10.0%	5.0%	9.9%	10.0%	10.0%	8.5%	10.0%
2014	12.5%	12.5%	5.0%	12.5%	12.5%	12.5%	12.3%	12.5%
2015	12.5%	12.5%	10.5%	12.5%	12.4%	12.5%	12.5%	12.4%
2016	14.9%	15.0%	8.5%	14.8%	14.9%	15.0%	14.3%	15.0%
2017	14.4%	15.0%	7.0%	14.4%	14.2%	15.0%	6.9%	14.3%
2018	11.1%	15.0%	5.3%	11.3%	13.0%	15.0%	5.6%	12.9%
prem liab	11.1%	15.0%	5.3%	11.3%	13.0%	15.0%	5.6%	12.9%
			discount rate:	1.81%			discount rate:	1.81%
		margin	(basis points):	25		margin	(basis points):	25



Discount Rate & Margins for Adverse Deviations

The tables below present selected margins for adverse development by coverage (the total is a weighted average, based on the unpaid claims projection for December 31, 2017 from the valuation), followed by the selected discount rate and the associated margin for investment income.

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ALBERTA

		Private	Passenger			Non-Priva	ite Passenger	
		_	r Adverse Devel	opment		•	r Adverse Devel	opment
Accident	Third Party	Accident	Other	TOTAL	Third Party		Other	TOTAL
Year	Liability	Benefits	Coverages	TOTAL	Liability	Benefits	Coverages	TOTAL
1995	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
1996	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
1997	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
1998	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
1999	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2000	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2001	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2002	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2003	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2004	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2005	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2006	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2007	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2008	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2009	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2010	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2011	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2012	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2013	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%	9.8%
2015	12.5%	12.0%	5.0%	12.5%	12.5%	11.0%	5.0%	12.5%
2016	12.5%	10.3%	5.0%	12.4%	12.4%	10.3%	5.0%	12.3%
2017	12.2%	10.2%	5.0%	11.8%	11.9%	10.6%	5.0%	11.0%
2018	11.9%	10.2%	5.0%	10.3%	11.6%	10.6%	5.0%	9.1%
prem liab	11.9%	10.2%	5.0%	10.3%	11.6%	10.6%	5.0%	9.1%
			discount rate:	1.81%			discount rate:	1.81%
		margin	(basis points):	25		margin	(basis points):	25



Discount Rate & Margins for Adverse Deviations

The tables below present selected margins for adverse development by coverage (the total is a weighted average, based on the unpaid claims projection for December 31, 2017 from the valuation), followed by the selected discount rate and the associated margin for investment income.

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YUKON

		Private	Passenger			Non-Priva	ite Passenger	
		_	r Adverse Devel	opment			r Adverse Devel	opment
Accident	Third Party	Accident	Other	TOTAL	Third Party	Accident	Other	TOTAL
Year	Liability	Benefits	Coverages		Liability	Benefits	Coverages	
1995	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
1996	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
1997	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
1998	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
1999	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2000	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2001	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2002	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2003	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2004	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2005	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2006	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2007	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2008	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2009	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2010	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2011	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2012	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2013	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2014	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2015	12.5%	10.6%	5.0%	12.5%	12.5%	12.5%	5.0%	12.5%
2016	12.4%	10.2%	5.0%	12.2%	12.3%	11.5%	5.0%	12.3%
2017	12.2%	10.8%	5.0%	11.8%	11.6%	11.2%	5.0%	10.8%
2018	12.0%	10.8%	5.0%	11.2%	11.7%	11.1%	5.0%	10.1%
prem liab	12.0%	10.8%	5.0%	11.2%	11.7%	11.1%	5.0%	10.1%
			discount rate:	1.81%			discount rate:	1.81%
		margin	(basis points):	25		margin	(basis points):	25



Discount Rate & Margins for Adverse Deviations

The tables below present selected margins for adverse development by coverage (the total is a weighted average, based on the unpaid claims projection for December 31, 2017 from the valuation), followed by the selected discount rate and the associated margin for investment income.

NORTHWEST TERRITORIES

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		Private	Passenger			Non-Priva	ite Passenger	
	Selected	Margins fo	r Adverse Develo	opment	Selected	Margins fo	r Adverse Devel	opment
Accident	Third Party	Accident	Other	TOTAL	Third Party	Accident	Other	TOTAL
Year	Liability	Benefits	Coverages	TOTAL	Liability	Benefits	Coverages	TOTAL
1995	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
1996	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
1997	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
1998	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
1999	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2000	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2001	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2002	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2003	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2004	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2005	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2006	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2007	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2008	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2009	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2010	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2011	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2012	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2013	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2014	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2015	12.5%	12.2%	5.0%	12.5%	12.5%	10.8%	4.9%	12.1%
2016	12.4%	12.2%	5.0%	12.5%	12.2%	11.3%	5.0%	10.3%
2017	12.0%	11.2%	5.0%	11.6%	12.4%	11.5%	5.0%	12.3%
2018	11.4%	11.1%	5.0%	9.0%	12.4%	12.0%	5.0%	11.8%
prem liab	11.4%	11.1%	5.0%	9.0%	12.4%	12.0%	5.0%	11.8%
			discount rate:	1.81%			discount rate:	1.81%
		margir	(basis points):	25		margin	(basis points):	25



Discount Rate & Margins for Adverse Deviations

The tables below present selected margins for adverse development by coverage (the total is a weighted average, based on the unpaid claims projection for December 31, 2017 from the valuation), followed by the selected discount rate and the associated margin for investment income.

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NUNAVUT

		Private	Passenger			Non-Priva	ate Passenger	
		•	r Adverse Devel	opment		_	r Adverse Devel	opment
Accident	Third Party		Other	TOTAL	Third Party		Other	TOTAL
Year	Liability	Benefits	Coverages		Liability	Benefits	Coverages	
1999	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2000	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2001	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2002	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2003	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2004	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2005	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2006	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2007	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2008	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2009	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2010	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2011	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2012	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2013	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2014	10.0%	10.0%	5.0%	10.0%	10.0%	10.0%	5.0%	10.0%
2015	12.1%	11.4%	5.0%	12.1%	12.5%	10.8%	5.0%	12.4%
2016	12.2%	11.0%	5.0%	11.6%	12.5%	11.3%	5.0%	11.7%
2017	12.0%	11.0%	5.0%	11.0%	12.1%	11.1%	5.0%	11.8%
2018	11.7%	11.3%	5.0%	10.4%	11.9%	11.0%	5.0%	10.7%
prem liab	11.7%	11.3%	5.0%	10.4%	11.9%	11.0%	5.0%	10.7%
			discount rate:	1.81%			discount rate:	1.81%
		margin	(basis points):	25		margin	n (basis points):	25



EXHIBIT F

Interest Rate Sensitivity (\$000s)

Indemnity claims liabilities as projected from the latest valuation to December 31, 2017.

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NEWFOUNDLAND AND LABRADOR

	Actuar	rial Present Va	lue of Provision	ons at Various	Discount Rate	es - Dec. 31, 20	17 projected L	Jnpaid
AY	0.81%	1.31%	1.81%	2.31%	2.81%	3.31%	1.27%	0.62%
2002 & prior	-	-	-	-	-	-	-	-
2003	-	-	-	-	-	-	-	-
2004	-	-	-	-	-	-	-	-
2005	-		-	-	-	-	-	-
2006	_	-	-	-	_	-	-	-
2007	239	235	231	228	224	221	235	24
2008	212	204	197	190	183	177	205	21
2009	295	286	278	271	264	257	287	29
2010	259	254	251	247	244	240	256	26
2011	1,304	1,279	1,256	1,234	1,212	1,192	1,282	1,31
2012	3,598	3,553	3,511	3,470	3,432	3,395	3,557	3,61
2013	3,718	3,676	3,638	3,599	3,563	3,527	3,680	3,73
2014	6,179	6,109	6,043	5,977	5,915	5,855	6,115	6,20
2015	9,128	9,035	8,944	8,857	8,773	8,690	9,043	9,16
2016	13,347	13,200	•	12,919	12,784	12,652		1
2017	=		13,058		15,683	-	13,212	13,40
	16,451	16,250	16,056	15,867		15,504	16,266	16,52
Total	54,730	54,081	53,463	52,859	52,277	51,710	54,138	54,98
	curr - 100 bp	curr - 50 bp	curr val		curr + 100bp	curr + 150bp	prior val	prior fyr er
			assumption				assumption	assumptio
mounts in								
					o Valuation A			,
AY	0.81%	1.31%	1.81%	2.31%	2.81%	3.31%	1.27%	0.629
Total	1,267	618	-	(604)	(1,186)	(1,753)	675	1,52
	curr - 100 bp	curr - 50 bp	curr val	curr + 50bp	curr + 100bp	curr + 150bp	prior val	prior fyr er
			assumption				assumption	assumptio
mounts in								
			Percentage I	mpact Relativ	e to Valuation	Assumption		
AY	0.81%	1.31%	1.81%	2.31%	2.81%	3.31%	1.27%	0.629
2002 & prior		_	-	-	_	_	-	_
2003			_	_	_		_	_
2004	_	_	_	_	_	_	_	_
2005								
2006	_	_			_	_	_	
	2 50/	1 70/		/1 20/\	(2.00/)	(4.20/)	1 70/	2.00
2007	3.5%	1.7%	-	(1.3%)	(3.0%)	(4.3%)	1.7%	3.99
2008	7.6%	3.6%		(3.6%)	(7.1%)	(10.2%)	4.1%	9.19
2009	6.1%	2.9%	-	(2.5%)	(5.0%)	(7.6%)	3.2%	7.29
	3.2%	1.2%		(1.6%)	(2.8%)	(4.4%)	2.0%	4.09
2010	3.8%	1.8%	-	(1.8%)	(3.5%)	(5.1%)	•	4.7
2011					(2.3%)	(3.3%)	1.3%	3.0
2011 2012	2.5%	1.2%		(1.2%)				
2011 2012 2013	2.5% 2.2%	1.0%	- -	(1.1%)	(2.1%)	(3.1%)	1	2.79
2011 2012	2.5%					(3.1%) (3.1%)	1	2.7
2011 2012 2013	2.5% 2.2%	1.0%	- - - -	(1.1%)	(2.1%)		1	2.7
2011 2012 2013 2014	2.5% 2.2% 2.3%	1.0% 1.1%	- - - - - -	(1.1%) (1.1%)	(2.1%) (2.1%)	(3.1%)	1.2% 1.1%	2.7 2.5
2011 2012 2013 2014 2015	2.5% 2.2% 2.3% 2.1%	1.0% 1.1% 1.0%	- - - - - - -	(1.1%) (1.1%) (1.0%)	(2.1%) (2.1%) (1.9%)	(3.1%)	1.2% 1.1%	2.7 2.5 2.7
2011 2012 2013 2014 2015 2016	2.5% 2.2% 2.3% 2.1% 2.2%	1.0% 1.1% 1.0% 1.1%	- - - - - -	(1.1%) (1.1%) (1.0%) (1.1%)	(2.1%) (2.1%) (1.9%) (2.1%)	(3.1%) (2.8%) (3.1%)	1.2% 1.1% 1.2% 1.3%	ł
2011 2012 2013 2014 2015 2016 2017	2.5% 2.2% 2.3% 2.1% 2.2% 2.5%	1.0% 1.1% 1.0% 1.1% 1.2%	- - - - - - - curr val	(1.1%) (1.1%) (1.0%) (1.1%) (1.2%) (1.1%)	(2.1%) (2.1%) (1.9%) (2.1%) (2.3%)	(3.1%) (2.8%) (3.1%) (3.4%) (3.3%)	1.2% 1.1% 1.2% 1.3%	2.7 2.5 2.7 2.9



Amounts in \$000s

EXHIBIT F

Interest Rate Sensitivity (\$000s)

Indemnity claims liabilities as projected from the latest valuation to December 31, 2017.

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NEW BRUNSWICK

imounts in 5000s	Actuar	ial Present Va	lue of Provisi	ons at Various	Discount Rate	s - Dec 31 20	17 projected I	Innaid
	Actual		iluc oi i lovisii	ons at various	Discount nate	3 - Dec. 31, 20	i projecteu c	Jiipaiu
AY	0.81%	1.31%	1.81%	2.31%	2.81%	3.31%	1.27%	0.62%
2002 & prior		-	-	-	-	-	-	-
2003	193	193	192	192	191	191	193	19
2004	-	-	-	-	-	-	-	_
2005	84	82	80	77	75	73	82	8
2006	560	545	531	517	504	492	547	56
2007	7	7	7	7	7	7	7	
2008	72	70	69	68	67	65	71	7
2009	396	391	385	380	374	369	391	39
2010	653	645	637	630	622	615	646	65
2011	1,440	1,419	1,399	1,379	1,362	1,343	1,421	1,44
2012	1,448	1,435	1,423	1,410	1,399	1,388	1,437	1,45
2013	5,571	5,527	5,485	5,443	5,401	5,362	5,531	5,58
2014	5,575	5,526	5,479	5,433	5,387	5,344	5,530	5,59
2015	6,311	6,243	6,176	6,111	6,047	5,985	6,248	6,33
2016	7,319	7,221	7,127	7,036	6,946	6,859	7,229	7,35
2017	9,347	9,201	9,057	8,920	8,785	8,655	9,212	9,40
Total	38,976	38,505	38,047	37,603	37,167	36,748	38,545	39,16
	curr - 100 bp	curr - 50 bp	curr val	curr + 50bp	curr + 100bp	curr + 150bp	prior val	prior fyr er
	·	·	assumption	•			assumption	assumptio
maunta in				•				
Milounts in								
mounts in			Dollar Imp	oact Relative t	o Valuation A	ssumption		
AY	0.81%	1.31%		act Relative t 2.31%			1.27%	0.629
	0.81%	1.31% 458	Dollar Imp 1.81% -	2.31% (444)	o Valuation A 2.81% (880)	3.31% (1,299)	1.27% 498	į
AY		458		2.31% (444)	2.81% (880)	3.31% (1,299)		0.629 1,11 prior fyr en
AY	929	458	1.81%	2.31% (444) curr + 50bp	2.81%	3.31% (1,299)	498	1,11 prior fyr er
AY	929	458	1.81% - curr val	2.31% (444) curr + 50bp	2.81% (880)	3.31% (1,299)	498 prior val	1,11 prior fyr er
AY Total	929	458	1.81% - curr val assumption	2.31% (444) curr + 50bp	2.81% (880) curr + 100bp	3.31% (1,299) curr + 150bp	498 prior val	1,11 prior fyr er
AY Total	929	458	1.81% - curr val assumption	2.31% (444) curr + 50bp	2.81% (880) curr + 100bp	3.31% (1,299) curr + 150bp	498 prior val	1,11 prior fyr er assumptio
AY Total Amounts in	929 curr - 100 bp	458 curr - 50 bp	1.81% - curr val assumption Percentage I	2.31% (444) curr + 50bp mpact Relativ	2.81% (880) curr + 100bp	3.31% (1,299) curr + 150bp	498 prior val assumption	1,11 prior fyr er
AY Total amounts in	929 curr - 100 bp	458 curr - 50 bp	1.81% curr val assumption Percentage I 1.81%	2.31% (444) curr + 50bp mpact Relativ	2.81% (880) curr + 100bp e to Valuatior 2.81%	3.31% (1,299) curr + 150bp Assumption 3.31%	498 prior val assumption	1,11 prior fyr er assumptio
AY Total Amounts in AY 2002 & prior 2003	929 curr - 100 bp	458 curr - 50 bp 1.31%	1.81% curr val assumption Percentage I 1.81%	2.31% (444) curr + 50bp mpact Relativ	2.81% (880) curr + 100bp	3.31% (1,299) curr + 150bp	498 prior val assumption 1.27%	1,11 prior fyr er assumptio
AY Total Amounts in AY 2002 & prior 2003 2004	929 curr - 100 bp	458 curr - 50 bp 1.31% - 0.5% -	1.81% curr val assumption Percentage I 1.81%	2.31% (444) curr + 50bp mpact Relative 2.31% - -	2.81% (880) curr + 100bp e to Valuatior 2.81% - (0.5%)	3.31% (1,299) curr + 150bp Assumption 3.31% - (0.5%)	498 prior val assumption 1.27% - 0.5% -	1,11 prior fyr er assumptio 0.629 - 1.09
AY Total Amounts in AY 2002 & prior 2003	929 curr - 100 bp 0.81% - 0.5% - 5.0%	458 curr - 50 bp 1.31% - 0.5% - 2.5%	1.81% curr val assumption Percentage I 1.81%	2.31% (444) curr + 50bp mpact Relative 2.31% - - - (3.8%)	2.81% (880) curr + 100bp e to Valuatior 2.81% - (0.5%) - (6.3%)	3.31% (1,299) curr + 150bp Assumption 3.31% - (0.5%) - (8.8%)	498 prior val assumption 1.27%	1,11 prior fyr er assumptio 0.629 - 1.09 - 6.39
AY Total Amounts in AY 2002 & prior 2003 2004 2005 2006	929 curr - 100 bp	458 curr - 50 bp 1.31% - 0.5% -	1.81% curr val assumption Percentage I 1.81%	2.31% (444) curr + 50bp mpact Relative 2.31% - -	2.81% (880) curr + 100bp e to Valuatior 2.81% - (0.5%)	3.31% (1,299) curr + 150bp Assumption 3.31% - (0.5%)	498 prior val assumption 1.27% - 0.5% - 2.5%	1,11 prior fyr er assumptio 0.629 - 1.09
AY Total Amounts in AY 2002 & prior 2003 2004 2005 2006 2007	929 curr - 100 bp	458 curr - 50 bp 1.31% - 0.5% - 2.5% 2.6%	1.81% curr val assumption Percentage I 1.81%	2.31% (444) curr + 50bp mpact Relative 2.31% - - - (3.8%) (2.6%)	2.81% (880) curr + 100bp e to Valuatior 2.81% - (0.5%) - (6.3%) (5.1%)	3.31% (1,299) curr + 150bp Assumption 3.31% - (0.5%) - (8.8%) (7.3%)	498 prior val assumption 1.27% - 0.5% - 2.5% 3.0%	1,11 prior fyr er assumptio 0.629 - 1.09 - 6.39 6.69
AY Total AMOUNTS in AY 2002 & prior 2003 2004 2005 2006 2007 2008	929 curr - 100 bp 0.81% - 0.5% - 5.0% 5.5% - 4.3%	458 curr - 50 bp 1.31% - 0.5% - 2.5% 2.6% - 1.4%	1.81% curr val assumption Percentage I 1.81%	2.31% (444) curr + 50bp mpact Relative 2.31% - - (3.8%) (2.6%) - (1.4%)	2.81% (880) curr + 100bp e to Valuatior 2.81% - (0.5%) - (6.3%) (5.1%)	3.31% (1,299) curr + 150bp Assumption 3.31% - (0.5%) - - (8.8%) (7.3%) - (5.8%)	498 prior val assumption 1.27% - 0.5% - 2.5% 3.0% - 2.9%	1,11 prior fyr er assumptio 0.62 - 1.0 - 6.3 6.6 - 4.3
AY Total Amounts in AY 2002 & prior 2003 2004 2005 2006 2007	929 curr - 100 bp	458 curr - 50 bp 1.31% - 0.5% - 2.5% 2.6% - 1.4% 1.6%	1.81% curr val assumption Percentage I 1.81%	2.31% (444) curr + 50bp mpact Relative 2.31% - - (3.8%) (2.6%) - (1.4%) (1.3%)	2.81% (880) curr + 100bp e to Valuatior 2.81% - (0.5%) - (6.3%) (5.1%) - (2.9%)	3.31% (1,299) curr + 150bp Assumption 3.31% - (0.5%) - - (8.8%) (7.3%) - (5.8%) (4.2%)	498 prior val assumption 1.27% - 0.5% - 2.5% 3.0% - 2.9% 1.6%	1,11 prior fyr er assumptio 0.629 - 1.09 - 6.39 - 4.39 - 3.69
AY Total AY 2002 & prior 2003 2004 2005 2006 2007 2008 2009 2010	929 curr - 100 bp	458 curr - 50 bp 1.31% - 0.5% - 2.5% 2.6% - 1.4% 1.6% 1.3%	1.81% curr val assumption Percentage I 1.81%	2.31% (444) curr + 50bp mpact Relative 2.31% (3.8%) (2.6%) - (1.4%) (1.3%) (1.1%)	2.81% (880) curr + 100bp e to Valuatior 2.81% - (0.5%) - (6.3%) (5.1%) - (2.9%) (2.9%) (2.4%)	3.31% (1,299) curr + 150bp Assumption 3.31% - (0.5%) - - (8.8%) (7.3%) - (5.8%) (4.2%) (3.5%)	498 prior val assumption 1.27% - 0.5% - 2.5% 3.0% - 2.9% 1.6% 1.4%	1,11 prior fyr er assumptio 0.629
AY Total AY 2002 & prior 2003 2004 2005 2006 2007 2008 2009 2010 2011	929 curr - 100 bp	1.31% - 0.5% - 2.5% 2.6% - 1.4% 1.6% 1.3% 1.4%	1.81% curr val assumption Percentage I 1.81%	2.31% (444) curr + 50bp mpact Relative 2.31% (3.8%) (2.6%) - (1.4%) (1.3%) (1.1%) (1.4%)	2.81% (880) curr + 100bp e to Valuatior 2.81% - (0.5%) - (6.3%) (5.1%) - (2.9%) (2.9%) (2.4%) (2.6%)	3.31% (1,299) curr + 150bp Assumption 3.31% - (0.5%) - (8.8%) (7.3%) - (5.8%) (4.2%) (3.5%) (4.0%)	498 prior val assumption 1.27% - 0.5% - 2.5% 3.0% - 2.9% 1.6% 1.4% 1.6%	1,11 prior fyr er assumptio 0.629
AY Total AY 2002 & prior 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012	929 curr - 100 bp	1.31% - 0.5% - 2.5% 2.6% - 1.4% 1.6% 1.3% - 1.4% 0.8%	1.81% curr val assumption Percentage I 1.81%	2.31% (444) curr + 50bp mpact Relative 2.31% (3.8%) (2.6%) - (1.4%) (1.3%) (1.1%) (1.4%) (0.9%)	2.81% (880) curr + 100bp e to Valuatior 2.81% - (0.5%) - (6.3%) (5.1%) - (2.9%) (2.4%) (2.6%) (1.7%)	3.31% (1,299) curr + 150bp Assumption 3.31% - (0.5%) - (8.8%) (7.3%) - (5.8%) (4.2%) (3.5%) (4.0%) (2.5%)	498 prior val assumption 1.27% - 0.5% - 2.5% 3.0% - 2.9% 1.6% 1.4% 1.6% 1.0%	1,11 prior fyr er assumptio 0.629
AY Total AY 2002 & prior 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013	929 curr - 100 bp 0.81% - 0.5% - 5.0% 5.5% - 4.3% 2.9% 2.5% 2.9% 1.8% 1.6%	1.31%	1.81% curr val assumption Percentage I 1.81%	2.31% (444) curr + 50bp mpact Relative 2.31% (3.8%) (2.6%) - (1.4%) (1.3%) (1.1%) (1.4%) (0.9%) (0.8%)	2.81% (880) curr + 100bp e to Valuatior 2.81% - (0.5%) - (6.3%) (5.1%) - (2.9%) (2.4%) (2.6%) (1.7%) (1.5%)	3.31% (1,299) curr + 150bp Assumption 3.31% - (0.5%) - (8.8%) (7.3%) - (5.8%) (4.2%) (3.5%) (4.0%) (2.5%) (2.2%)	498 prior val assumption 1.27% - 0.5% - 2.5% 3.0% - 2.9% 1.6% 1.4% 1.6% 1.0% 0.8%	1,11 prior fyr er assumptio 0.629
AY Total AY 2002 & prior 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014	929 curr - 100 bp 0.81% - 0.5% - 5.0% 5.5% - 4.3% 2.9% 2.5% 2.9% 1.8% 1.6% 1.8%	458 curr - 50 bp 1.31% - 0.5% - 2.5% 2.6% - 1.4% 1.6% 1.3% 0.8% 0.8% 0.9%	1.81% curr val assumption Percentage I 1.81%	2.31% (444) curr + 50bp mpact Relativ 2.31% (3.8%) (2.6%) - (1.4%) (1.3%) (1.1%) (1.4%) (0.9%) (0.8%) (0.8%)	2.81% (880) curr + 100bp e to Valuatior 2.81% - (0.5%) - (6.3%) (5.1%) - (2.9%) (2.4%) (2.6%) (1.7%) (1.5%) (1.7%)	3.31% (1,299) curr + 150bp Assumption 3.31% - (0.5%) - (8.8%) (7.3%) - (5.8%) (4.2%) (3.5%) (4.0%) (2.5%) (2.2%) (2.5%)	498 prior val assumption 1.27% - 0.5% - 2.5% 3.0% - 2.9% 1.6% 1.4% 1.6% 0.8% 0.9%	1,11 prior fyr er assumptio 0.629
AY Total AY 2002 & prior 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015	929 curr - 100 bp 0.81% - 0.5% - 5.0% 5.5% - 4.3% 2.9% 2.5% 2.9% 1.8% 1.6% 1.8% 2.2%	1.31% - 0.5% - 2.5% 2.6% - 1.4% 1.6% 1.3% 0.8% 0.8% 0.9% 1.1%	1.81% curr val assumption Percentage I 1.81%	2.31% (444) curr + 50bp mpact Relativ 2.31% (3.8%) (2.6%) - (1.4%) (1.3%) (1.1%) (0.9%) (0.8%) (0.8%) (1.1%)	2.81% (880) curr + 100bp e to Valuatior 2.81% - (0.5%) - (6.3%) (5.1%) - (2.9%) (2.4%) (2.6%) (1.7%) (1.5%) (1.7%) (2.1%)	3.31% (1,299) curr + 150bp Assumption 3.31% - (0.5%) - (8.8%) (7.3%) - (5.8%) (4.2%) (3.5%) (4.0%) (2.5%) (2.2%) (3.1%)	498 prior val assumption 1.27% - 0.5% - 2.5% 3.0% - 2.9% 1.6% 1.4% 0.8% 0.9% 1.2%	1,11 prior fyr ei assumptio 0.62 - 1.0 - 6.3 6.6 - 4.3 3.6 3.0 3.5 2.1 1.9 2.1 2.6
AY Total AY 2002 & prior 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016	929 curr - 100 bp 0.81% - 0.5% - 5.0% 5.5% - 4.3% 2.9% 2.5% 2.9% 1.8% 1.6% 1.8% 2.2% 2.7%	458 curr - 50 bp 1.31% - 0.5% - 2.5% 2.6% - 1.4% 0.8% 0.8% 0.9% 1.1% 1.3%	1.81% curr val assumption Percentage I 1.81%	2.31% (444) curr + 50bp mpact Relativ 2.31% (3.8%) (2.6%) - (1.4%) (1.3%) (1.1%) (0.9%) (0.8%) (0.8%) (1.1%) (1.3%)	2.81% (880) curr + 100bp e to Valuatior 2.81% - (0.5%) - (6.3%) (5.1%) - (2.9%) (2.4%) (2.6%) (1.7%) (1.5%) (1.7%) (2.1%) (2.5%)	3.31% (1,299) curr + 150bp Assumption 3.31% - (0.5%) - (8.8%) (7.3%) - (5.8%) (4.2%) (3.5%) (4.0%) (2.5%) (2.2%) (2.2%) (3.1%) (3.8%)	498 prior val assumption 1.27% - 0.5% - 2.5% 3.0% - 2.9% 1.6% 1.4% 0.8% 0.9% 1.2% 1.4%	1,11 prior fyr ei assumptio 0.62 - 1.0 - 6.3 6.6 - 4.3 3.6 3.0 3.5 2.1 1.9 2.1 2.6 3.2
AY Total AY 2002 & prior 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017	929 curr - 100 bp 0.81% - 0.5% - 5.0% 5.5% - 4.3% 2.9% 2.5% 2.9% 1.8% 1.6% 1.8% 2.2% 2.7% 3.2%	458 curr - 50 bp 1.31% - 0.5% - 2.5% 2.6% - 1.4% 0.8% 0.8% 0.9% 1.1% 1.3% 1.3% 1.6%	1.81% curr val assumption Percentage I 1.81%	2.31% (444) curr + 50bp mpact Relativ 2.31% (3.8%) (2.6%) - (1.4%) (1.3%) (1.1%) (0.9%) (0.8%) (0.8%) (1.1%) (1.3%) (1.1%) (1.3%) (1.5%)	2.81% (880) curr + 100bp e to Valuatior 2.81% - (0.5%) - (6.3%) (5.1%) - (2.9%) (2.4%) (2.6%) (1.7%) (1.7%) (2.1%) (2.1%) (2.5%) (3.0%)	3.31% (1,299) curr + 150bp Assumption 3.31% - (0.5%) - (8.8%) (7.3%) - (5.8%) (4.2%) (3.5%) (4.0%) (2.5%) (2.2%) (2.2%) (3.1%) (3.8%) (4.4%)	498 prior val assumption 1.27% - 0.5% - 2.5% 3.0% - 2.9% 1.6% 1.4% 1.0% 0.8% 0.9% 1.2% 1.4% 1.7%	1,11 prior fyr ei assumptio 0.62 - 1.00 - 6.3' 6.6 - 4.3' 3.6 3.0' 3.5' 2.1' 1.9 2.1' 2.6 3.2' 3.8
AY Total AY 2002 & prior 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016	929 curr - 100 bp 0.81% - 0.5% - 5.0% 5.5% - 4.3% 2.9% 2.5% 2.9% 1.8% 1.6% 1.8% 2.2% 2.7%	458 curr - 50 bp 1.31% - 0.5% - 2.5% 2.6% - 1.4% 0.8% 0.8% 0.9% 1.1% 1.3% 1.6% 1.2%	1.81% curr val assumption Percentage I 1.81%	2.31% (444) curr + 50bp mpact Relativ 2.31% (3.8%) (2.6%) - (1.4%) (1.1%) (1.4%) (0.9%) (0.8%) (1.1%) (1.1%) (1.3%) (1.5%) (1.2%)	2.81% (880) curr + 100bp e to Valuatior 2.81% - (0.5%) - (6.3%) (5.1%) - (2.9%) (2.4%) (2.6%) (1.7%) (1.5%) (1.7%) (2.1%) (2.5%)	3.31% (1,299) curr + 150bp Assumption 3.31% - (0.5%) - (8.8%) (7.3%) - (5.8%) (4.2%) (3.5%) (4.0%) (2.5%) (2.2%) (3.1%) (3.8%) (4.4%)	498 prior val assumption 1.27% - 0.5% - 2.5% 3.0% - 2.9% 1.6% 1.4% 0.8% 0.9% 1.2% 1.4%	1,11 prior fyr ei assumptio 0.62 - 1.0 - 6.3 6.6 - 4.3 3.6 3.0 3.5 2.1 1.9 2.1 2.6 3.2



Interest Rate Sensitivity (\$000s)

Indemnity claims liabilities as projected from the latest valuation to December 31, 2017.

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NOVA SCOTIA

	Actuai	rial Present Va	llue of Provision	ons at Various	Discount Rate	es - Dec. 31, 20	17 projected l	Jnpaid
AY	0.81%	1.31%	1.81%	2.31%	2.81%	3.31%	1.27%	0.62%
2002 & prior		-	-	-	-	-	-	-
2003	1	1	1	1	1	1	1	1
2004	16	16	16	15	15	14	16	17
2005	102	99	96	93	91	88	99	103
2006	83	80	78	75	73	71	81	84
2007	178	174	170	166	162	158	174	179
2008	107	104	101	98	95	92	104	108
2009	187	184	181	178	176	173	184	188
2010	492	481	472	463	454	446	483	496
2011	183	181	177	175	173	170	181	185
2012	651	640	630	620	610	601	641	655
2013	3,286	3,244	3,202	3,162	3,123	3,087	3,247	3,304
2014	3,203	3,168	3,132	3,099	3,066	3,034	3,170	3,218
2015	3,833	3,786	3,740	3,695	3,652	3,610	3,789	3,853
2016	5,529	5,455	5,383	5,312	5,244	5,178	5,460	5,560
2017	8,314	8,196	8,081	7,970	7,863	7,758	8,205	8,361
Total	26,165	25,809	25,460	25,122	24,798	24,481	25,835	26,312
	curr - 100 bp	curr - 50 bp	curr val	curr + 50bp	curr + 100bp		prior val	prior fyr end
			assumption		ош. Тооор	2000р	·	assumption
Amounts in			assamption				assamption	assamption
7 tillouries ill			Dollar Imr	nact Relative t	o Valuation A	ssumntion		
AY	0.81%	1.31%	1.81%	2.31%	2.81%	3.31%	1.27%	0.62%
Total	705	349		(338)	(662)	(979)		852
	curr - 100 bp	curr - 50 bp	curr val	. ,	curr + 100bp	. ,	prior val	prior fyr end
	син 100 бр	сан зовр	assumption		cuii i 100bp	син тэобр		assumption
Amounts in			assumption	•			assumption	assumption
7 tillouries ill			Percentage I	mnact Relativ				
AY	0.81%	1 210/	·		e to valliation	LASSIIMNTION		
2002 & prior	0.0170		1.81%		e to Valuation 2.81%		1.27%	0.62%
2003		1.31%	1.81%	2.31%	e to valuation 2.81%	3.31%	1.27%	0.62%
	-		1.81%				1.27%	0.62%
	-		1.81% - - -	2.31% - -	2.81%	3.31%	1.27% - - -	-
2004	- - - - 6 3%	- - -	1.81% - - - -	2.31%	2.81%	3.31%	- - -	- - 6.3%
2004 2005	6.3%	3.1%	1.81% - - - -	2.31% - (6.3%) (3.1%)	2.81% - - (6.3%) (5.2%)	3.31% - - (12.5%) (8.3%)	3.1%	- - 6.3% 7.3%
2004 2005 2006	6.4%	3.1% 2.6%	1.81% - - - - -	2.31% - (6.3%) (3.1%) (3.8%)	2.81% - (6.3%) (5.2%) (6.4%)	3.31% - (12.5%) (8.3%) (9.0%)	3.1% 3.8%	- - 6.3% 7.3% 7.7%
2004 2005 2006 2007	6.4% 4.7%	3.1% 2.6% 2.4%	1.81% - - - - - -	2.31% - (6.3%) (3.1%) (3.8%) (2.4%)	2.81% - (6.3%) (5.2%) (6.4%) (4.7%)	3.31% (12.5%) (8.3%) (9.0%) (7.1%)	3.1% 3.8% 2.4%	- - 6.3% 7.3% 7.7% 5.3%
2004 2005 2006 2007 2008	6.4% 4.7% 5.9%	3.1% 2.6% 2.4% 3.0%	1.81%	2.31% (6.3%) (3.1%) (3.8%) (2.4%) (3.0%)	2.81% - (6.3%) (5.2%) (6.4%) (4.7%) (5.9%)	3.31% - (12.5%) (8.3%) (9.0%) (7.1%) (8.9%)	3.1% 3.8% 2.4% 3.0%	- 6.3% 7.3% 7.7% 5.3% 6.9%
2004 2005 2006 2007 2008 2009	6.4% 4.7% 5.9% 3.3%	3.1% 2.6% 2.4% 3.0% 1.7%	1.81%	2.31% - (6.3%) (3.1%) (3.8%) (2.4%) (3.0%) (1.7%)	2.81% - (6.3%) (5.2%) (6.4%) (4.7%) (5.9%) (2.8%)	3.31% - (12.5%) (8.3%) (9.0%) (7.1%) (8.9%) (4.4%)	3.1% 3.8% 2.4% 3.0% 1.7%	6.3% 7.3% 7.7% 5.3% 6.9% 3.9%
2004 2005 2006 2007 2008 2009 2010	6.4% 4.7% 5.9% 3.3% 4.2%	3.1% 2.6% 2.4% 3.0% 1.7% 1.9%	1.81%	2.31% (6.3%) (3.1%) (3.8%) (2.4%) (3.0%) (1.7%) (1.9%)	2.81% - (6.3%) (5.2%) (6.4%) (4.7%) (5.9%) (2.8%) (3.8%)	3.31% - (12.5%) (8.3%) (9.0%) (7.1%) (8.9%) (4.4%) (5.5%)	3.1% 3.8% 2.4% 3.0% 1.7% 2.3%	6.3% 7.3% 7.7% 5.3% 6.9% 3.9% 5.1%
2004 2005 2006 2007 2008 2009 2010 2011	6.4% 4.7% 5.9% 3.3% 4.2% 3.4%	3.1% 2.6% 2.4% 3.0% 1.7% 1.9% 2.3%	1.81%	2.31% (6.3%) (3.1%) (3.8%) (2.4%) (3.0%) (1.7%) (1.9%) (1.1%)	2.81% (6.3%) (5.2%) (6.4%) (4.7%) (5.9%) (2.8%) (3.8%) (2.3%)	3.31% - (12.5%) (8.3%) (9.0%) (7.1%) (8.9%) (4.4%) (5.5%)	3.1% 3.8% 2.4% 3.0% 1.7% 2.3% 2.3%	6.3% 7.3% 7.7% 5.3% 6.9% 3.9% 5.1% 4.5%
2004 2005 2006 2007 2008 2009 2010 2011 2012	6.4% 4.7% 5.9% 3.3% 4.2% 3.4% 3.3%	3.1% 2.6% 2.4% 3.0% 1.7% 1.9% 2.3% 1.6%	1.81%	2.31% (6.3%) (3.1%) (3.8%) (2.4%) (3.0%) (1.7%) (1.1%) (1.1%)	2.81%	3.31% (12.5%) (8.3%) (9.0%) (7.1%) (8.9%) (4.4%) (5.5%) (4.0%) (4.6%)	3.1% 3.8% 2.4% 3.0% 1.7% 2.3% 2.3%	6.3% 7.3% 7.7% 5.3% 6.9% 3.9% 5.1% 4.5% 4.0%
2004 2005 2006 2007 2008 2009 2010 2011 2012 2013	6.4% 4.7% 5.9% 3.3% 4.2% 3.4% 3.3% 2.6%	3.1% 2.6% 2.4% 3.0% 1.7% 1.9% 2.3% 1.6%	1.81%	2.31% (6.3%) (3.1%) (3.8%) (2.4%) (3.0%) (1.7%) (1.1%) (1.6%) (1.2%)	2.81% (6.3%) (5.2%) (6.4%) (4.7%) (5.9%) (2.8%) (3.8%) (2.3%) (3.2%) (2.5%)	3.31% (12.5%) (8.3%) (9.0%) (7.1%) (8.9%) (4.4%) (5.5%) (4.0%) (4.6%) (3.6%)	3.1% 3.8% 2.4% 3.0% 1.7% 2.3% 2.3% 1.7%	6.3% 7.3% 7.7% 5.3% 6.9% 3.9% 5.1% 4.5% 4.0% 3.2%
2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014	6.4% 4.7% 5.9% 3.3% 4.2% 3.4% 3.3% 2.6% 2.3%	3.1% 2.6% 2.4% 3.0% 1.7% 1.9% 2.3% 1.6% 1.3%	1.81%	2.31% (6.3%) (3.1%) (3.8%) (2.4%) (3.0%) (1.7%) (1.1%) (1.6%) (1.2%) (1.1%)	2.81%	3.31% (12.5%) (8.3%) (9.0%) (7.1%) (8.9%) (4.4%) (5.5%) (4.0%) (4.6%) (3.6%) (3.1%)	3.1% 3.8% 2.4% 3.0% 1.7% 2.3% 2.3% 1.7% 1.4%	6.3% 7.3% 7.7% 5.3% 6.9% 3.9% 5.1% 4.5% 4.0% 3.2% 2.7%
2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015	6.4% 4.7% 5.9% 3.3% 4.2% 3.4% 3.3% 2.6% 2.3%	3.1% 2.6% 2.4% 3.0% 1.7% 1.9% 2.3% 1.6% 1.3% 1.1%	1.81%	2.31% (6.3%) (3.1%) (3.8%) (2.4%) (1.7%) (1.1%) (1.1%) (1.1%) (1.1%) (1.2%)	2.81%	3.31% (12.5%) (8.3%) (9.0%) (7.1%) (8.9%) (4.4%) (5.5%) (4.0%) (4.6%) (3.6%) (3.1%) (3.5%)	3.1% 3.8% 2.4% 3.0% 1.7% 2.3% 2.3% 1.7% 1.4% 1.2%	6.3% 7.3% 7.7% 5.3% 6.9% 3.9% 5.1% 4.5% 4.0% 3.2% 2.7% 3.0%
2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016	6.4% 4.7% 5.9% 3.3% 4.2% 3.4% 3.3% 2.6% 2.3% 2.5% 2.7%	3.1% 2.6% 2.4% 3.0% 1.7% 1.9% 2.3% 1.6% 1.3% 1.1%	1.81%	2.31% (6.3%) (3.1%) (3.8%) (2.4%) (3.0%) (1.7%) (1.1%) (1.16%) (1.2%) (1.1%) (1.2%) (1.3%)	2.81% (6.3%) (5.2%) (6.4%) (4.7%) (5.9%) (2.8%) (3.8%) (2.3%) (2.2%) (2.1%) (2.4%) (2.6%)	3.31% (12.5%) (8.3%) (9.0%) (7.1%) (8.9%) (4.4%) (5.5%) (4.0%) (4.6%) (3.6%) (3.1%) (3.5%) (3.8%)	3.1% 3.8% 2.4% 3.0% 1.7% 2.3% 2.3% 1.7% 1.4% 1.2%	6.3% 7.3% 7.7% 5.3% 6.9% 3.9% 5.1% 4.5% 4.0% 3.2% 2.7% 3.0% 3.3%
2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017	6.4% 4.7% 5.9% 3.3% 4.2% 3.4% 3.3% 2.6% 2.3% 2.5% 2.7% 2.9%	3.1% 2.6% 2.4% 3.0% 1.7% 1.9% 2.3% 1.6% 1.3% 1.1% 1.2% 1.3%	1.81%	2.31% (6.3%) (3.1%) (3.8%) (2.4%) (3.0%) (1.7%) (1.1%) (1.6%) (1.1%) (1.2%) (1.1%) (1.3%) (1.4%)	2.81% (6.3%) (5.2%) (6.4%) (4.7%) (5.9%) (2.8%) (3.2%) (2.3%) (2.1%) (2.1%) (2.4%) (2.6%) (2.7%)	3.31% (12.5%) (8.3%) (9.0%) (7.1%) (8.9%) (4.4%) (5.5%) (4.0%) (3.6%) (3.1%) (3.5%) (3.8%) (4.0%)	3.1% 3.8% 2.4% 3.0% 1.7% 2.3% 1.7% 1.4% 1.2% 1.3% 1.4%	
2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016	6.4% 4.7% 5.9% 3.3% 4.2% 3.4% 2.6% 2.3% 2.5% 2.7% 2.9%	3.1% 2.6% 2.4% 3.0% 1.7% 1.9% 2.3% 1.6% 1.3% 1.1% 1.2% 1.3% 1.4%	- - - - - - - - - - - - - - - - - - -	2.31% (6.3%) (3.1%) (3.8%) (2.4%) (1.7%) (1.1%) (1.16%) (1.1%) (1.2%) (1.1%) (1.2%) (1.3%) (1.4%) (1.3%)	2.81%	3.31% (12.5%) (8.3%) (9.0%) (7.1%) (8.9%) (4.4%) (5.5%) (4.0%) (3.6%) (3.1%) (3.5%) (3.8%) (4.0%) (3.8%)	3.1% 3.8% 2.4% 3.0% 1.7% 2.3% 1.7% 1.4% 1.2% 1.3% 1.4% 1.5%	
2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017	6.4% 4.7% 5.9% 3.3% 4.2% 3.4% 3.3% 2.6% 2.3% 2.5% 2.7% 2.9%	3.1% 2.6% 2.4% 3.0% 1.7% 1.9% 2.3% 1.6% 1.3% 1.1% 1.2% 1.3% 1.4%	1.81%	2.31% (6.3%) (3.1%) (3.8%) (2.4%) (3.0%) (1.7%) (1.1%) (1.1%) (1.2%) (1.1%) (1.2%) (1.3%) (1.4%) (1.3%) curr + 50bp	2.81% (6.3%) (5.2%) (6.4%) (4.7%) (5.9%) (2.8%) (3.2%) (2.3%) (2.1%) (2.1%) (2.4%) (2.6%) (2.7%)	3.31% (12.5%) (8.3%) (9.0%) (7.1%) (8.9%) (4.4%) (5.5%) (4.0%) (3.6%) (3.1%) (3.5%) (3.8%) (4.0%) (3.8%)	3.1% 3.8% 2.4% 3.0% 1.7% 2.3% 1.7% 1.4% 1.2% 1.3% 1.4% 1.5% prior val	



Interest Rate Sensitivity (\$000s)

Indemnity claims liabilities as projected from the latest valuation to December 31, 2017.

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PRINCE EDWARD ISLAND

Ary		Actuar	ial Present Va	lue of Provision	ons at Various	Discount Rate	es - Dec. 31, 20	17 projected l	Jnpaid
2003 2004	AY	0.81%	1.31%	1.81%	2.31%	2.81%	3.31%	1.27%	0.62%
2004 2005	2002 & prior	-	-	-	-	-	-	-	-
2005 2006 2007 2008 2007 2008 2007 2008 2007 2008 2007 2008 2007 2008 2007 2008 2007 2008 2007 2008 2007 2008 2009 2008 2008 2009 2008 2009 2008 2009 2008 2008 2009 2008 2009 2008 2009 2008 2009 2008 2009 2008 2009 2008 2009 2008 2009 2008 2009 2008 2009 2008 2009 2008 2009 2008 2009 2008 2009 2008 2009 2008 2009 2008 2009 2009 2008 2009	2003	-	-	-	-	-	-	-	-
2006	2004	-	-	-	-	-	-	-	-
2007 2008	2005	-		-	-		-	-	-
2008	2006	-	-	-	-	-	-	-	-
2009	2007	-		-	-		-	-	-
2010 362 359 355 352 349 346 359 2011 620 616 611 607 603 599 616 616 2012 356 347 338 330 323 315 348 2013 43 43 42 42 41 41 43 2014 519 511 503 497 491 485 511 2016 2,490 2,459 2,428 2,399 2,370 2,342 2,461 2016 2,490 2,459 2,428 2,399 2,370 2,342 2,461 2017 1,655 1,634 1,614 1,594 1,575 1,556 1,635 1,634 1,614 1,594 1,575 1,556 1,635 1,634 1,614 1,594 1,575 1,556 1,635 1,634 1,614 1,594 1,575 1,556 1,635 1,635 1,634 1,614 1,594 1,575 1,556 1,635 1,635 1,634 1,614 1,594 1,575 1,556 1,635 1,635 1,635 1,634 1,614 1,594 1,575 1,556 1,635 1,635 1,635 1,634 1,614 1,594 1,575 1,556 1,635 1,6	2008	-	-	-	-	-	-	-	-
2011 620 616 611 607 603 599 616 2012 356 347 338 330 323 315 348 348 2014 519 511 503 497 491 485 511 2015 1,528 1,511 1,493 1,476 1,461 1,445 1,512 2016 2,490 2,459 2,428 2,399 2,370 2,342 2,461 2,017 1,655 1,634 1,614 1,594 1,575 1,556 1,635 2017 1,655 1,634 1,614 1,594 1,575 1,556 1,635 2017 1,655 1,634 1,614 1,594 1,575 1,556 1,635 2017 1,655 1,631 2017 1,655 1,631 2017 2,138 2,217 2,218 2,218 2,219 2,218 2,219 2,218 2,219 2,218 2,219 2,218 2,219 2,218 2,219 2,218 2,219 2,218 2,219 2,218 2,219 2,218 2,219 2,218 2,219 2,218 2,219 2,218 2,219 2,218 2,	2009	-		-	-		-	-	
2012 356 347 338 330 323 315 348 2014 2014 519 511 503 4497 4491 445 5511 2015 1,528 1,511 1,493 1,476 1,461 1,445 1,512 2016 2,490 2,459 2,428 2,399 2,370 2,342 2,461 2017 1,655 1,634 1,614 1,594 1,575 1,556 1,635 1,634 1,614 1,594 1,575 1,556 1,635 1,634 1,614 1,594 1,575 1,555 1,635 1,634 1,614 1,594 1,575 1,556 1,635 1,634 1,614 1,594 1,575 1,556 1,635 1,635 1,634 1,614 1,594 1,575 1,556 1,635 1,635 1,634 1,614 1,594 1,575 1,556 1,635 1,635 1,634 1,614 1,594 1,575 1,556 1,635 1,635 1,634 1,614 1,594 1,575 1,515 1,635 1,635 1,634 1,614 1,594 1,575 1,556 1,635 1,635 1,634 1,614 1,594 1,575 1,556 1,635 1,635 1,634 1,614 1,594 1,575 1,556 1,635 1,634 1,614 1,594 1,575 1,556 1,635 1,634 1,614 1,594 1,575 1,556 1,635 1,634 1,614 1,594 1,575 1,515 1,635 1,634 1,614 1,594 1,575 1,556 1,635 1,634 1,614 1,594 1,575 1,515 1,635 1,484 1,594 1,575 1,595 1,284 1,575 1,556 1,635 1,484 1,594 1,575 1,556 1,635 1,484 1,594 1,575 1,595 1,136 1,284 1,594 1,575 1,595 1,136 1,284 1,575 1,286 1,284 1,594 1,575 1,556 1,635 1,484 1,594 1,575 1,595 1,136 1,284 1,594 1,575 1,286 1,284 1,594 1,575 1,595 1,136 1,284 1,2	2010	362	359	355	352	349	346	359	36
2013	2011	620	616	611	607	603	599	616	62
2013	2012	356	347	338	330	323	315	348	36
2015			43					43	4
2016 2,490 2,459 2,428 2,399 2,370 2,342 2,461 2,017 1,655 1,634 1,614 1,594 1,575 1,556 1,635 1,355	2014	519	511	503	497	491	485	511	52
2016 2,490 2,459 2,428 2,399 2,370 2,342 2,461 2,017 1,655 1,634 1,614 1,594 1,575 1,556 1,635 1,355									1,53
Total		-	· ·			•	-		2,50
Total		•	· ·			•			1,66
Amounts in Dollar Impact Relative to Valuation Assumption assumption assumption assumption assumption assumption Armounts in Dollar Impact Relative to Valuation Assumption Dollar Impact Relative to Valuation Assumpt									7,61
Amounts in Dollar Impact Relative to Valuation Assumption Assumption									prior fyr er
Namounts in Dollar Impact Relative to Valuation Assumption 1.81% 1.81% 2.31% 2.81% 3.31% 1.27% 1.275 1.01		can 100 bp	син 30 бр		•	cuii i 1000p	сан : 1300р		, ,
AY	\mounts in			assumption	i .			assumption	assumptio
AY	Amounts in			Dollar Imr	act Relative t	o Valuation A	sumption		
Total 189 96 - (87) (171) (255) 101	Λν	0.81%	1 21%					1 27%	0.629
Amounts in									22
Amounts in Percentage Impact Relative to Valuation Assumption AY 0.81% 1.31% 1.81% 2.31% 2.81% 3.31% 1.27% 2002 & prior	Total				. ,	, ,			prior fyr er
Armounts in Percentage Impact Relative to Valuation Assumption AY 0.81% 1.31% 1.81% 2.31% 2.81% 3.31% 1.27% 2002 & prior		cuii - 100 bp	cuii - 30 bp		;	curr + 1000b	curr + 1300h) '
Percentage Impact Relative to Valuation Assumption AY 0.81% 1.31% 1.81% 2.31% 2.81% 3.31% 1.27% 2002 & prior - </td <td>Amounts in</td> <td></td> <td></td> <td>assumption</td> <td>i</td> <td></td> <td></td> <td>assumption</td> <td>assumptio</td>	Amounts in			assumption	i			assumption	assumptio
AY 0.81% 1.31% 1.81% 2.31% 2.81% 3.31% 1.27% 2002 & prior -	Amounts m			Porcontago I	mnact Polativ	o to Valuation	Assumption		
2002 & prior - <t< td=""><td></td><td>0.010/</td><td>1 210/</td><td></td><td></td><td></td><td></td><td>1 270/</td><td>0.630</td></t<>		0.010/	1 210/					1 270/	0.630
2003 -		0.81%	1.31%	1.81%	2.31%	2.81%	3.31%	1.2/%	0.629
2004 -			-	-	-	-	-	-	-
2005 -		-	-	-	-	-	-	-	-
2006 -		_							•
2007 -					-				<u> </u>
2008 -			<u>-</u>		<u>-</u>				
2009 -	2006		<u>-</u> 	- - -					-
2010 2.0% 1.1% - (0.8%) (1.7%) (2.5%) 1.1% 2011 1.5% 0.8% - (0.7%) (1.3%) (2.0%) 0.8% 2012 5.3% 2.7% - (2.4%) (4.4%) (6.8%) 3.0% 2013 2.4% 2.4% - - (2.4%) (2.4%) 2.4% 2014 3.2% 1.6% - (1.2%) (2.4%) (3.6%) 1.6% 2015 2.3% 1.2% - (1.1%) (2.1%) (3.2%) 1.3% 2016 2.6% 1.3% - (1.2%) (2.4%) (3.5%) 1.4% 2017 2.5% 1.2% - (1.2%) (2.4%) (3.6%) 1.3% Total 2.6% 1.3% - (1.2%) (2.3%) (3.5%) 1.4%	2006 2007		<u>-</u>	- - - -					-
2011 1.5% 0.8% - (0.7%) (1.3%) (2.0%) 0.8% 2012 5.3% 2.7% - (2.4%) (4.4%) (6.8%) 3.0% 2013 2.4% 2.4% - - (2.4%) (2.4%) 2.4% 2014 3.2% 1.6% - (1.2%) (2.4%) (3.6%) 1.6% 2015 2.3% 1.2% - (1.1%) (2.1%) (3.2%) 1.3% 2016 2.6% 1.3% - (1.2%) (2.4%) (3.5%) 1.4% 2017 2.5% 1.2% - (1.2%) (2.4%) (3.6%) 1.3% Total 2.6% 1.3% - (1.2%) (2.3%) (3.5%) 1.4%	2006 2007		<u>-</u> 	- - - - -					- - - -
2012 5.3% 2.7% - (2.4%) (4.4%) (6.8%) 3.0% 2013 2.4% 2.4% - - (2.4%) (2.4%) 2.4% 2014 3.2% 1.6% - (1.2%) (2.4%) (3.6%) 1.6% 2015 2.3% 1.2% - (1.1%) (2.1%) (3.2%) 1.3% 2016 2.6% 1.3% - (1.2%) (2.4%) (3.5%) 1.4% 2017 2.5% 1.2% - (1.2%) (2.4%) (3.6%) 1.3% Total 2.6% 1.3% - (1.2%) (2.3%) (3.5%) 1.4%	2006 2007 2008			- - - - - - - -					- - - -
2013 2.4% 2.4% - - (2.4%) 2.4% 2014 3.2% 1.6% - (1.2%) (2.4%) (3.6%) 1.6% 2015 2.3% 1.2% - (1.1%) (2.1%) (3.2%) 1.3% 2016 2.6% 1.3% - (1.2%) (2.4%) (3.5%) 1.4% 2017 2.5% 1.2% - (1.2%) (2.4%) (3.6%) 1.3% Total 2.6% 1.3% - (1.2%) (2.3%) (3.5%) 1.4%	2006 2007 2008 2009	2.0%	- - - - - - - - - - - - - - - - - - -	- - - - - - -		(1.7%)	- - - - - - (2.5%)	1.1%	- - - - - 2.59
2014 3.2% 1.6% - (1.2%) (2.4%) (3.6%) 1.6% 2015 2.3% 1.2% - (1.1%) (2.1%) (3.2%) 1.3% 2016 2.6% 1.3% - (1.2%) (2.4%) (3.5%) 1.4% 2017 2.5% 1.2% - (1.2%) (2.4%) (3.6%) 1.3% Total 2.6% 1.3% - (1.2%) (2.3%) (3.5%) 1.4%	2006 2007 2008 2009 2010 2011	1.5%	0.8%	- - - - - - - -	t:		(2.0%)	0.8%	1.89
2015 2.3% 1.2% - (1.1%) (2.1%) (3.2%) 1.3% 2016 2.6% 1.3% - (1.2%) (2.4%) (3.5%) 1.4% 2017 2.5% 1.2% - (1.2%) (2.4%) (3.6%) 1.3% Total 2.6% 1.3% - (1.2%) (2.3%) (3.5%) 1.4%	2006 2007 2008 2009 2010 2011	1.5%	0.8%	- - - - - - - - - - - - - - - - - - -	(0.7%)	(1.3%)	(2.0%)	0.8%	1.89
2016 2.6% 1.3% - (1.2%) (2.4%) (3.5%) 1.4% 2017 2.5% 1.2% - (1.2%) (2.4%) (3.6%) 1.3% Total 2.6% 1.3% - (1.2%) (2.3%) (3.5%) 1.4%	2006 2007 2008 2009 2010 2011 2012	1.5% 5.3%	0.8% 2.7%		(0.7%)	(1.3%) (4.4%)	(2.0%)	0.8% 3.0%	2.55 1.85 6.55
2017 2.5% 1.2% - (1.2%) (2.4%) (3.6%) 1.3% Total 2.6% 1.3% - (1.2%) (2.3%) (3.5%) 1.4%	2006 2007 2008 2009 2010 2011 2012 2013	1.5% 5.3% 2.4%	0.8% 2.7% 2.4%	- - - - - - - - - - - - - - - - - - -	(0.7%) (2.4%)	(1.3%) (4.4%) (2.4%)	(2.0%) (6.8%) (2.4%)	0.8% 3.0% 2.4%	1.89 6.59
Total 2.6% 1.3% - (1.2%) (2.3%) (3.5%) 1.4%	2006 2007 2008 2009 2010 2011 2012 2013 2014	1.5% 5.3% 2.4% 3.2%	0.8% 2.7% 2.4% 1.6%		(0.7%) (2.4%) (1.2%)	(1.3%) (4.4%) (2.4%) (2.4%)	(2.0%) (6.8%) (2.4%) (3.6%)	0.8% 3.0% 2.4% 1.6%	1.8' 6.5' 2.4' 3.8'
Total 2.6% 1.3% - (1.2%) (2.3%) (3.5%) 1.4%	2006 2007 2008 2009 2010 2011 2012 2013 2014 2015	1.5% 5.3% 2.4% 3.2% 2.3%	0.8% 2.7% 2.4% 1.6% 1.2%	- - - - - - - - - - - - - - - - - - -	(0.7%) (2.4%) (1.2%) (1.1%)	(1.3%) (4.4%) (2.4%) (2.4%) (2.1%)	(2.0%) (6.8%) (2.4%) (3.6%) (3.2%)	0.8% 3.0% 2.4% 1.6%	1.89 6.59 2.49
	2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016	1.5% 5.3% 2.4% 3.2% 2.3% 2.6%	0.8% 2.7% 2.4% 1.6% 1.2% 1.3%	- - - - - - - - - - - - - - - - - - -	(0.7%) (2.4%) (1.2%) (1.1%) (1.2%)	(1.3%) (4.4%) (2.4%) (2.4%) (2.1%) (2.4%)	(2.0%) (6.8%) (2.4%) (3.6%) (3.2%) (3.5%)	0.8% 3.0% 2.4% 1.6% 1.3% 1.4%	1.8 6.5 2.4 3.8 2.9
curr - 100 bp curr - 50 bp curr val curr + 50bp curr + 100bp curr + 150bp prior val prior	2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017	1.5% 5.3% 2.4% 3.2% 2.3% 2.6% 2.5%	0.8% 2.7% 2.4% 1.6% 1.2% 1.3% 1.2%		(0.7%) (2.4%) (1.2%) (1.1%) (1.2%) (1.2%)	(1.3%) (4.4%) (2.4%) (2.4%) (2.1%) (2.4%) (2.4%)	(2.0%) (6.8%) (2.4%) (3.6%) (3.2%) (3.5%) (3.6%)	0.8% 3.0% 2.4% 1.6% 1.3% 1.4%	1.8 6.5 2.4 3.8 2.9 3.1



Amounts in \$000s

EXHIBIT F

Interest Rate Sensitivity (\$000s)

Indemnity claims liabilities as projected from the latest valuation to December 31, 2017.

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ONTARIO

Amounts in 5000s	Actuar	ial Procent Va	due of Provisi	one at Various	Discount Date	D	17 proio et e d I	la a a ! al
	Actual	iai rieseiit va	liue oi Fiovisio	ons at various	DISCOUNT RATE	es - Dec. 31, 20	17 projectea t	Inpaid
AY	0.81%	1.31%	1.81%	2.31%	2.81%	3.31%	1.27%	0.62%
2002 & prior	4,988	4,953	4,920	4,889	4,857	4,826	4,955	5,00
2003	3,102	3,025	2,951	2,879	2,810	2,744	3,032	3,13
2004	1,485	1,445	1,405	1,369	1,333	1,298	1,448	1,50
2005	1,609	1,560	1,515	1,470	1,429	1,388	1,564	1,62
2006	2,574	2,493	2,414	2,340	2,269	2,201	2,499	2,60
2007	6,354	6,143	5,940	5,749	5,566	5,394	6,159	6,43
2008	1,156	1,124	1,094	1,066	1,038	1,012	1,126	1,16
2009	3,563	3,467	3,373	3,287	3,203	3,125	3,474	3,60
2010	1,964	1,913	1,866	1,822	1,779	1,739	1,918	1,98
2011	5,811	5,677	5,550	5,432	5,318	5,212	5,687	5,86
2012	4,660	4,577	4,498	4,422	4,350	4,282	4,584	4,69
2013	9,723	9,579	9,440	9,309	9,183	9,063	9,590	9,78
2014	10,201	10,085	9,975	9,868	9,766	9,667	10,095	10,24
2015	14,376	14,208	14,045	13,887	13,735	13,587	14,222	14,44
2016	14,904	14,692	14,487	14,287	14,095	13,908	14,709	14,98
2017	18,122	17,829	17,545	17,271	17,006	16,749	17,851	18,23
Total	104,592	102,770	101,018	99,347	97,737	96,195	102,913	105,31
	curr - 100 bp	curr - 50 bp	curr val	curr + 50bp	curr + 100bp	curr + 150bp	prior val	prior fyr er
			assumption				assumption	assumptio
Amounts in				•			,	•
uno arres in						mantion		
anounts in			Dollar Imp	oact Relative t	o Valuation A	ssumption		
AY	0.81%	1.31%	Dollar Imp 1.81%	pact Relative t 2.31%	o Valuation A 2.81%	3.31%	1.27%	0.62%
	0.81% 3,574	1.31% 1,752		:				0.62% 4,29
AY		1,752		2.31% (1,671)	2.81%	3.31% (4,823)		t .
AY	3,574	1,752	1.81%	2.31% (1,671) curr + 50bp	2.81% (3,281)	3.31% (4,823)	1,895	4,29 prior fyr en
AY	3,574	1,752	1.81% - curr val	2.31% (1,671) curr + 50bp	2.81% (3,281)	3.31% (4,823)	1,895 prior val	4,29 prior fyr en
AY Total	3,574	1,752	1.81% - curr val assumption	2.31% (1,671) curr + 50bp	2.81% (3,281) curr + 100bp	3.31% (4,823) curr + 150bp	1,895 prior val	4,29 prior fyr en
AY Total	3,574	1,752	1.81% - curr val assumption	2.31% (1,671) curr + 50bp	2.81% (3,281) curr + 100bp	3.31% (4,823) curr + 150bp	1,895 prior val	4,29 prior fyr en
AY Total Amounts in	3,574 curr - 100 bp	1,752 curr - 50 bp	1.81% - curr val assumption Percentage I	2.31% (1,671) curr + 50bp mpact Relativ	2.81% (3,281) curr + 100bp	3.31% (4,823) curr + 150bp	1,895 prior val assumption	4,29 prior fyr er assumptio
AY Total Amounts in AY	3,574 curr - 100 bp	1,752 curr - 50 bp	1.81% curr val assumption Percentage I 1.81%	2.31% (1,671) curr + 50bp mpact Relativ 2.31%	2.81% (3,281) curr + 100bp e to Valuatior 2.81%	3.31% (4,823) curr + 150bp Assumption 3.31%	1,895 prior val assumption 1.27%	4,29 prior fyr er assumptio
AY Total Amounts in AY 2002 & prior	3,574 curr - 100 bp 0.81% 1.4%	1,752 curr - 50 bp 1.31% 0.7%	1.81% curr val assumption Percentage I 1.81%	2.31% (1,671) curr + 50bp mpact Relativ 2.31% (0.6%)	2.81% (3,281) curr + 100bp e to Valuatior 2.81% (1.3%)	3.31% (4,823) curr + 150bp Assumption 3.31% (1.9%)	1,895 prior val assumption 1.27% 0.7%	4,29 prior fyr er assumptio 0.629
AY Total Amounts in AY 2002 & prior 2003	3,574 curr - 100 bp 0.81% 1.4% 5.1%	1,752 curr - 50 bp 1.31% 0.7% 2.5%	1.81% curr val assumption Percentage I 1.81%	2.31% (1,671) curr + 50bp mpact Relativ 2.31% (0.6%) (2.4%)	2.81% (3,281) curr + 100bp e to Valuatior 2.81% (1.3%) (4.8%)	3.31% (4,823) curr + 150bp Assumption 3.31% (1.9%) (7.0%)	1,895 prior val assumption 1.27% 0.7% 2.7%	4,29 prior fyr er assumptio 0.629 1.69 6.29 6.89
AY Total Amounts in AY 2002 & prior 2003 2004	3,574 curr - 100 bp 0.81% 1.4% 5.1% 5.7%	1,752 curr - 50 bp 1.31% 0.7% 2.5% 2.8%	1.81% curr val assumption Percentage I 1.81%	2.31% (1,671) curr + 50bp mpact Relativ 2.31% (0.6%) (2.4%) (2.6%)	2.81% (3,281) curr + 100bp e to Valuatior 2.81% (1.3%) (4.8%) (5.1%)	3.31% (4,823) curr + 150bp Assumption 3.31% (1.9%) (7.0%) (7.6%)	1,895 prior val assumption 1.27% 0.7% 2.7% 3.1%	4,29 prior fyr er assumptio 0.629 1.69 6.29 6.88 7.49
AY Total Amounts in AY 2002 & prior 2003 2004 2005	3,574 curr - 100 bp 0.81% 1.4% 5.1% 5.7% 6.2%	1,752 curr - 50 bp 1.31% 0.7% 2.5% 2.8% 3.0%	1.81% curr val assumption Percentage I 1.81%	2.31% (1,671) curr + 50bp mpact Relativ 2.31% (0.6%) (2.4%) (2.6%) (3.0%)	2.81% (3,281) curr + 100bp e to Valuatior 2.81% (1.3%) (4.8%) (5.1%) (5.7%)	3.31% (4,823) curr + 150bp Assumption 3.31% (1.9%) (7.0%) (7.6%) (8.4%)	1,895 prior val assumption 1.27% 0.7% 2.7% 3.1% 3.2%	4,29 prior fyr er assumptio 0.629 1.69 6.29
AY Total Amounts in AY 2002 & prior 2003 2004 2005 2006	3,574 curr - 100 bp 0.81% 1.4% 5.1% 5.7% 6.2% 6.6%	1,752 curr - 50 bp 1.31% 0.7% 2.5% 2.8% 3.0% 3.3%	1.81% curr val assumption Percentage I 1.81%	2.31% (1,671) curr + 50bp mpact Relativ 2.31% (0.6%) (2.4%) (2.6%) (3.0%) (3.1%)	2.81% (3,281) curr + 100bp e to Valuatior 2.81% (1.3%) (4.8%) (5.1%) (5.7%) (6.0%)	3.31% (4,823) curr + 150bp Assumption 3.31% (1.9%) (7.0%) (7.6%) (8.4%) (8.8%)	1,895 prior val assumption 1.27% 0.7% 2.7% 3.1% 3.2% 3.5%	4,29 prior fyr er assumptio 0.629 1.69 6.29 6.88 7.49 8.09 8.49
AY Total Amounts in AY 2002 & prior 2003 2004 2005 2006 2007	3,574 curr - 100 bp 0.81% 1.4% 5.1% 5.7% 6.2% 6.6% 7.0%	1,752 curr - 50 bp 1.31% 0.7% 2.5% 2.8% 3.0% 3.3% 3.4%	1.81% curr val assumption Percentage I 1.81%	2.31% (1,671) curr + 50bp mpact Relativ 2.31% (0.6%) (2.4%) (2.6%) (3.0%) (3.1%) (3.2%)	2.81% (3,281) curr + 100bp e to Valuatior 2.81% (1.3%) (4.8%) (5.1%) (5.7%) (6.0%)	3.31% (4,823) curr + 150bp Assumption 3.31% (1.9%) (7.0%) (7.6%) (8.4%) (8.8%) (9.2%)	1,895 prior val assumption 1.27% 0.7% 2.7% 3.1% 3.2% 3.5% 3.7%	4,29 prior fyr er assumptio 0.629 1.69 6.89 7.49 8.09 8.49 6.99
AY Total Amounts in AY 2002 & prior 2003 2004 2005 2006 2007 2008	3,574 curr - 100 bp 0.81% 1.4% 5.1% 5.7% 6.2% 6.6% 7.0% 5.7%	1,752 curr - 50 bp 1.31% 0.7% 2.5% 2.8% 3.0% 3.3% 3.4% 2.7%	1.81% curr val assumption Percentage I 1.81%	2.31% (1,671) curr+50bp mpact Relativ 2.31% (0.6%) (2.4%) (2.6%) (3.0%) (3.1%) (3.2%) (2.6%)	2.81% (3,281) curr + 100bp e to Valuatior 2.81% (1.3%) (4.8%) (5.1%) (5.7%) (6.0%) (6.3%) (5.1%)	3.31% (4,823) curr + 150bp Assumption 3.31% (1.9%) (7.0%) (7.6%) (8.4%) (8.8%) (9.2%) (7.5%)	1,895 prior val assumption 1.27% 0.7% 2.7% 3.1% 3.2% 3.5% 3.7% 2.9%	4,29 prior fyr er assumptio 0.629 1.69 6.89 7.49 8.09 8.49 6.89
AY Total Amounts in AY 2002 & prior 2003 2004 2005 2006 2007 2008 2009	3,574 curr - 100 bp 0.81% 1.4% 5.1% 5.7% 6.2% 6.6% 7.0% 5.7% 5.6%	1,752 curr - 50 bp 1.31% 0.7% 2.5% 2.8% 3.0% 3.3% 3.4% 2.7% 2.8%	1.81% curr val assumption Percentage I 1.81%	2.31% (1,671) curr + 50bp mpact Relativ 2.31% (0.6%) (2.4%) (2.6%) (3.0%) (3.1%) (2.6%) (2.6%) (2.5%)	2.81% (3,281) curr + 100bp e to Valuatior 2.81% (1.3%) (4.8%) (5.1%) (5.7%) (6.0%) (6.3%) (5.1%) (5.0%)	3.31% (4,823) curr + 150bp Assumption 3.31% (1.9%) (7.0%) (7.6%) (8.4%) (8.8%) (9.2%) (7.5%) (7.4%)	1,895 prior val assumption 1.27% 0.7% 2.7% 3.1% 3.2% 3.5% 3.7% 2.9% 3.0%	4,29 prior fyr er assumptio 0.629 1.66 6.29 6.88 7.44 8.00 8.49 6.99 6.88
AY Total Amounts in AY 2002 & prior 2003 2004 2005 2006 2007 2008 2009 2010	3,574 curr - 100 bp 0.81% 1.4% 5.1% 5.7% 6.2% 6.6% 7.0% 5.7% 5.6% 5.3%	1,752 curr - 50 bp 1.31% 0.7% 2.5% 2.8% 3.0% 3.3% 3.4% 2.7% 2.8% 2.5%	1.81% curr val assumption Percentage I 1.81%	2.31% (1,671) curr+50bp mpact Relativ 2.31% (0.6%) (2.4%) (2.6%) (3.0%) (3.1%) (2.6%) (2.5%) (2.5%) (2.4%)	2.81% (3,281) curr + 100bp e to Valuatior 2.81% (1.3%) (4.8%) (5.1%) (6.0%) (6.3%) (5.1%) (5.0%) (4.7%)	3.31% (4,823) curr + 150bp Assumption 3.31% (1.9%) (7.0%) (7.6%) (8.4%) (8.8%) (9.2%) (7.5%) (7.4%) (6.8%)	1,895 prior val assumption 1.27% 0.7% 2.7% 3.1% 3.2% 3.5% 3.7% 2.9% 3.0% 2.8%	4,29 prior fyr er assumptio 0.629 1.69 6.89 7.49 8.09 6.89 6.39 5.79
AY Total Amounts in AY 2002 & prior 2003 2004 2005 2006 2007 2008 2009 2010 2011	3,574 curr - 100 bp 0.81% 1.4% 5.1% 5.7% 6.2% 6.6% 7.0% 5.7% 5.6% 5.3% 4.7%	1,752 curr - 50 bp 1.31% 0.7% 2.5% 2.8% 3.0% 3.3% 3.4% 2.7% 2.8% 2.5% 2.3%	1.81% curr val assumption Percentage I 1.81%	2.31% (1,671) curr + 50bp mpact Relativ 2.31% (0.6%) (2.4%) (3.0%) (3.1%) (3.2%) (2.6%) (2.5%) (2.4%) (2.1%)	2.81% (3,281) curr + 100bp e to Valuatior 2.81% (1.3%) (4.8%) (5.1%) (6.0%) (6.3%) (5.1%) (5.0%) (4.7%) (4.2%)	3.31% (4,823) curr + 150bp Assumption 3.31% (1.9%) (7.0%) (7.6%) (8.4%) (8.8%) (9.2%) (7.5%) (7.4%) (6.8%) (6.1%) (4.8%)	1,895 prior val assumption 1.27% 0.7% 2.7% 3.1% 3.2% 3.5% 3.7% 2.9% 3.0% 2.8% 2.5%	4,29 prior fyr er assumptio 0.629 1.69 6.89 7.49 8.09 6.89 6.39 5.79 4.49
AY Total Amounts in AY 2002 & prior 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012	3,574 curr - 100 bp 0.81% 1.4% 5.1% 5.7% 6.2% 6.6% 7.0% 5.7% 5.6% 5.3% 4.7% 3.6%	1,752 curr - 50 bp 1.31% 0.7% 2.5% 2.8% 3.0% 3.3% 3.4% 2.7% 2.8% 2.5% 2.3% 1.8%	1.81% curr val assumption Percentage I 1.81%	2.31% (1,671) curr + 50bp mpact Relativ 2.31% (0.6%) (2.4%) (2.6%) (3.1%) (2.5%) (2.5%) (2.1%) (1.7%)	2.81% (3,281) curr + 100bp e to Valuatior 2.81% (1.3%) (4.8%) (5.1%) (6.0%) (6.3%) (5.1%) (5.0%) (4.2%) (3.3%)	3.31% (4,823) curr + 150bp Assumption 3.31% (1.9%) (7.0%) (7.6%) (8.4%) (8.8%) (9.2%) (7.5%) (7.4%) (6.8%) (6.1%) (4.8%)	1,895 prior val assumption 1.27% 0.7% 2.7% 3.1% 3.2% 3.5% 3.7% 2.9% 3.0% 2.8% 2.5% 1.9% 1.6%	4,29 prior fyr er assumptio 0.629 1.69 6.89 7.49 8.09 6.89 6.39 5.79 4.49
AY Total Amounts in AY 2002 & prior 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013	3,574 curr - 100 bp 0.81% 1.4% 5.1% 6.2% 6.6% 7.0% 5.7% 5.6% 5.3% 4.7% 3.6% 3.0%	1,752 curr - 50 bp 1.31% 0.7% 2.5% 2.8% 3.0% 3.3% 3.4% 2.7% 2.8% 2.5% 2.3% 1.8% 1.5%	1.81% curr val assumption Percentage I 1.81%	2.31% (1,671) curr+50bp mpact Relativ 2.31% (0.6%) (2.4%) (2.6%) (3.0%) (3.2%) (2.6%) (2.5%) (2.2%) (2.1%) (1.7%) (1.4%)	2.81% (3,281) curr + 100bp e to Valuatior 2.81% (1.3%) (4.8%) (5.1%) (6.0%) (6.3%) (5.1%) (5.0%) (4.2%) (4.2%) (3.3%) (2.7%)	3.31% (4,823) curr + 150bp Assumption 3.31% (1.9%) (7.0%) (7.6%) (8.4%) (8.8%) (9.2%) (7.5%) (7.4%) (6.8%) (6.1%) (4.8%) (4.0%)	1,895 prior val assumption 1.27% 0.7% 2.7% 3.1% 3.2% 3.5% 3.7% 2.9% 3.0% 2.8% 2.5% 1.9% 1.6%	4,29 prior fyr er assumptio 0.629 1.66 6.29 6.88 7.44 8.09 6.88 6.33 5.79 4.44 3.66 2.79
AY Total Amounts in AY 2002 & prior 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014	3,574 curr - 100 bp 0.81% 1.4% 5.1% 6.2% 6.6% 7.0% 5.7% 5.6% 5.3% 4.7% 3.6% 3.0% 2.3%	1,752 curr - 50 bp 1.31% 0.7% 2.5% 2.8% 3.0% 3.3% 2.7% 2.8% 2.5% 2.3% 1.8% 1.5% 1.1%	1.81% curr val assumption Percentage I 1.81%	2.31% (1,671) curr + 50bp mpact Relativ 2.31% (0.6%) (2.4%) (2.6%) (3.0%) (3.2%) (2.6%) (2.2%) (2.2%) (2.1%) (1.7%) (1.4%) (1.1%)	2.81% (3,281) curr + 100bp e to Valuatior 2.81% (1.3%) (4.8%) (5.1%) (6.0%) (6.3%) (5.1%) (5.0%) (4.2%) (3.3%) (2.7%) (2.1%)	3.31% (4,823) curr + 150bp Assumption 3.31% (1.9%) (7.0%) (7.6%) (8.4%) (8.8%) (9.2%) (7.5%) (7.4%) (6.8%) (6.1%) (4.8%) (4.0%) (3.1%)	1,895 prior val assumption 1.27% 0.7% 2.7% 3.1% 3.2% 3.5% 3.7% 2.9% 3.0% 2.8% 1.9% 1.6% 1.2% 1.3%	4,29 prior fyr er assumptio 0.629 1.66 6.29 6.89 7.44 8.09 6.89 6.33 5.79 4.44 3.66 2.77 2.89
AY Total Amounts in AY 2002 & prior 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015	3,574 curr - 100 bp 0.81% 1.4% 5.1% 5.7% 6.2% 6.6% 7.0% 5.6% 5.3% 4.7% 3.6% 3.0% 2.3% 2.4%	1,752 curr - 50 bp 1.31% 0.7% 2.5% 2.8% 3.0% 3.3% 2.7% 2.8% 2.5% 2.3% 1.8% 1.5% 1.1% 1.2%	1.81% curr val assumption Percentage I 1.81%	2.31% (1,671) curr+50bp mpact Relativ 2.31% (0.6%) (2.4%) (2.6%) (3.0%) (2.5%) (2.5%) (2.1%) (1.1%) (1.1%) (1.1%)	2.81% (3,281) curr + 100bp e to Valuatior 2.81% (1.3%) (4.8%) (5.1%) (6.0%) (6.3%) (5.1%) (5.0%) (4.2%) (4.2%) (3.3%) (2.7%) (2.1%)	3.31% (4,823) curr + 150bp Assumption 3.31% (1.9%) (7.0%) (7.6%) (8.4%) (8.8%) (9.2%) (7.5%) (7.4%) (6.8%) (6.1%) (4.8%) (4.0%) (3.1%) (3.3%)	1,895 prior val assumption 1.27% 0.7% 2.7% 3.1% 3.2% 3.5% 3.7% 2.9% 3.0% 2.8% 1.9% 1.6% 1.2% 1.3%	4,29 prior fyr er assumptio 0.629 1.66 6.29 6.89 7.44 8.09 6.89 6.33 5.79 4.44 3.66 2.77 2.88
AY Total Amounts in AY 2002 & prior 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016	3,574 curr - 100 bp 0.81% 1.4% 5.1% 6.2% 6.6% 7.0% 5.7% 5.6% 5.3% 4.7% 3.6% 3.0% 2.3% 2.4% 2.9%	1,752 curr - 50 bp 1.31% 0.7% 2.5% 2.8% 3.0% 3.3% 2.7% 2.8% 2.5% 2.3% 1.8% 1.5% 1.1% 1.2% 1.4%	1.81% curr val assumption Percentage I 1.81%	2.31% (1,671) curr + 50bp mpact Relativ 2.31% (0.6%) (2.4%) (2.6%) (3.0%) (3.1%) (2.5%) (2.1%) (1.1%) (1.1%) (1.1%) (1.4%) (1.1%)	2.81% (3,281) curr + 100bp e to Valuatior 2.81% (1.3%) (4.8%) (5.1%) (6.0%) (6.3%) (5.1%) (5.0%) (4.2%) (3.3%) (2.7%) (2.2%) (2.2%) (2.7%)	3.31% (4,823) curr + 150bp Assumption 3.31% (1.9%) (7.0%) (7.6%) (8.4%) (8.8%) (9.2%) (7.5%) (7.4%) (6.8%) (6.1%) (4.8%) (4.0%) (3.3%) (4.0%)	1,895 prior val assumption 1.27% 0.7% 2.7% 3.1% 3.2% 3.5% 3.7% 2.9% 3.0% 2.8% 1.9% 1.6% 1.2% 1.3% 1.5%	4,29 prior fyr er assumptio 0.629 1.69 6.89 7.49 8.09 6.89 6.89 6.89 6.89 6.89 6.89 6.89 6.8
AY Total Amounts in AY 2002 & prior 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017	3,574 curr - 100 bp 0.81% 1.4% 5.1% 6.2% 6.6% 7.0% 5.7% 5.6% 5.3% 4.7% 3.6% 3.0% 2.3% 2.4% 2.9% 3.3%	1,752 curr - 50 bp 1.31% 0.7% 2.5% 2.8% 3.0% 3.34% 2.7% 2.8% 2.5% 2.3% 1.8% 1.5% 1.1% 1.2% 1.4% 1.6% 1.7%	1.81% curr val assumption Percentage I 1.81%	2.31% (1,671) curr + 50bp mpact Relativ 2.31% (0.6%) (2.4%) (3.0%) (3.1%) (2.5%) (2.1%) (1.1%) (1.1%) (1.1%) (1.1%) (1.1%) (1.1%) (1.1%)	2.81% (3,281) curr + 100bp e to Valuatior 2.81% (1.3%) (4.8%) (5.1%) (6.0%) (6.3%) (5.1%) (5.0%) (4.2%) (4.2%) (2.2%) (2.2%) (2.7%) (3.1%)	3.31% (4,823) curr + 150bp Assumption 3.31% (1.9%) (7.0%) (7.6%) (8.4%) (8.8%) (9.2%) (7.5%) (7.4%) (6.8%) (6.1%) (4.8%) (3.3%) (4.0%) (4.5%) (4.8%)	1,895 prior val assumption 1.27% 0.7% 2.7% 3.1% 3.2% 3.5% 3.7% 2.9% 3.0% 2.8% 1.9% 1.6% 1.2% 1.3% 1.5% 1.7%	4,29 prior fyr er assumptio 0.629 1.69 6.29 6.89 7.49 8.09



Interest Rate Sensitivity (\$000s)

Indemnity claims liabilities as projected from the latest valuation to December 31, 2017.

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ALBERTA

			:			es - Dec. 31, 20	1	, .
AY	0.81%	1.31%	1.81%	2.31%	2.81%	3.31%	1.27%	0.629
2002 & prior		-	-	-	-	-	-	-
2003	79	77	74	73	71	69	77	7:
2004	1,074	1,044	1,015	987	961	935	1,046	1,08
2005	224	218	212	205	199	194	218	22
2006	5	5	5	5	5	5	5	<u> </u>
2007	87	85	83	81	79	77	85	8
2008	1,320	1,275	1,231	1,190	1,152	1,115	1,278	1,33
2009	220	215	209	205	200	195	216	22
2010	689	678	668	659	651	642	679	69
2011	3,477	3,431	3,387	3,345	3,305	3,267	3,434	3,49
2012	2,686	2,662	2,639	2,616	2,594	2,573	2,664	2,69
2013	7,693	7,608	7,527	7,448	7,371	7,298	7,615	7,72
2014	9,705	9,579	9,457	9,339	9,226	9,115	9,588	9,75
2015	16,912	16,671	16,440	16,216	15,999	15,790	16,690	17,00
2016	16,759	16,501	16,252	16,011	15,778	15,551	16,523	16,86
2017	19,503	19,226	18,958	18,700	18,449	18,207	19,249	19,61
Total	80,433	79,275	78,157	77,080	76,040	75,033	79,367	80,89
	curr - 100 bp	curr - 50 bp	curr val	curr + 50bp	curr + 100bp	curr + 150bp	prior val	prior fyr en
			assumption	!			assumption	assumption
mounts in			•					
			Dollar Imp	act Relative t	o Valuation A	ssumption	,	,
AY	0.81%	1.31%	1.81%	2.31%	2.81%	3.31%	1.27%	0.62%
Total	2,276	1,118	-	(1,077)	(2,117)	(3,124)	1,210	2,73!
	curr 100 hn							
	curr - 100 bp	curr - 50 bp	curr val	curr + 50bp	curr + 100bp	curr + 150bp	prior val	prior fyr en
	cuii - 100 bp	curr - 50 bp	curr val assumption		curr + 100bp	curr + 150bp	prior val assumption	prior fyr en assumptio
mounts in	cuii - 100 bp	curr - 50 bp	•		curr + 100bp	curr + 150bp	1 -	} `
mounts in	cuii - 100 bp	curr - 50 bp	assumption		curr + 100bp e to Valuatior		1 -	} `
mounts in AY	0.81%	1.31%	assumption				1 -	assumption
AY		·	assumption Percentage I	mpact Relativ	e to Valuatior	Assumption	assumption	} `
AY 2002 & prior	0.81%	1.31%	assumption Percentage I 1.81%	mpact Relativ 2.31% -	e to Valuation 2.81% -	Assumption 3.31%	assumption 1.27%	assumption 0.629
AY 2002 & prior 2003	0.81%	1.31%	assumption Percentage I 1.81%	mpact Relativ 2.31% - (1.4%)	e to Valuation 2.81% - (4.1%)	3.31% - (6.8%)	1.27% - 4.1%	0.629 - 6.89
AY 2002 & prior 2003 2004	0.81% - 6.8% 5.8%	1.31% - 4.1% 2.9%	assumption Percentage I 1.81%	mpact Relativ 2.31% - (1.4%) (2.8%)	e to Valuation 2.81% - (4.1%) (5.3%)	3.31% - (6.8%) (7.9%)	1.27% - 4.1% 3.1%	0.629 - 6.89 7.19
AY 2002 & prior 2003 2004 2005	0.81%	1.31%	assumption Percentage I 1.81%	mpact Relativ 2.31% - (1.4%)	e to Valuation 2.81% - (4.1%)	3.31% - (6.8%)	1.27% - 4.1%	0.629 - 6.89 7.19
AY 2002 & prior 2003 2004 2005 2006	0.81% 6.8% - 5.7%	1.31% - 4.1% 2.9% 2.8%	assumption Percentage I 1.81%	2.31% - (1.4%) (2.8%) (3.3%)	e to Valuation 2.81% - (4.1%) (5.3%) (6.1%)	3.31% - (6.8%) (7.9%) (8.5%)	1.27% - 4.1% 3.1% 2.8%	0.629 - 6.89 7.19 7.59
AY 2002 & prior 2003 2004 2005 2006 2007	0.81%	1.31% - 4.1% 2.9% 2.8% - 2.4%	assumption Percentage I 1.81%	mpact Relativ 2.31% - (1.4%) (2.8%) (3.3%) - (2.4%)	e to Valuation 2.81% - (4.1%) (5.3%) (6.1%) - (4.8%)	3.31% - (6.8%) (7.9%) (8.5%) - (7.2%)	1.27% - 4.1% 3.1% 2.8% - 2.4%	0.629 - 6.89 7.19 7.59
AY 2002 & prior 2003 2004 2005 2006 2007 2008	0.81%	1.31% - 4.1% 2.9% 2.8% - 2.4% 3.6%	assumption Percentage I 1.81%	mpact Relativ 2.31% - (1.4%) (2.8%) (3.3%) (2.4%) (3.3%)	e to Valuation 2.81% - (4.1%) (5.3%) (6.1%) - (4.8%) (6.4%)	3.31% - (6.8%) (7.9%) (8.5%) - (7.2%) (9.4%)	1.27% - 4.1% 3.1% 2.8% - 2.4% 3.8%	0.629 - 6.89 7.19 7.59 - 6.09 8.79
AY 2002 & prior 2003 2004 2005 2006 2007 2008 2009	0.81%	1.31% - 4.1% 2.9% 2.8% - 2.4% 3.6% 2.9%	assumption Percentage I 1.81%	2.31% (1.4%) (2.8%) (3.3%) (2.4%) (3.3%) (1.9%)	e to Valuation 2.81% - (4.1%) (5.3%) (6.1%) - (4.8%) (6.4%) (4.3%)	1 Assumption 3.31% - (6.8%) (7.9%) (8.5%) - - (7.2%) (9.4%) (6.7%)	1.27% - 4.1% 3.1% 2.8% - 2.4% 3.8% 3.3%	0.629 - 6.89 7.19 7.59 - 6.09 8.79 6.29
AY 2002 & prior 2003 2004 2005 2006 2007 2008 2009 2010	0.81%	1.31% - 4.1% 2.9% 2.8% - 2.4% 3.6% 2.9% 1.5%	assumption Percentage I 1.81%	2.31% (1.4%) (2.8%) (3.3%) (2.4%) (3.3%) (1.9%) (1.3%)	e to Valuation 2.81% - (4.1%) (5.3%) (6.1%) - (4.8%) (6.4%) (4.3%) (2.5%)	1 Assumption 3.31% - (6.8%) (7.9%) (8.5%) - - (7.2%) (9.4%) (6.7%) (3.9%)	1.27% - 4.1% 3.1% 2.8% - 2.4% 3.8% 3.3% 1.6%	0.629 - 6.89 7.19 7.59 - 6.09 8.79 6.29 3.79
AY 2002 & prior 2003 2004 2005 2006 2007 2008 2009 2010 2011	0.81% - 6.8% 5.8% 5.7% - 4.8% 7.2% 5.3% 3.1% 2.7%	1.31% - 4.1% 2.9% 2.8% - 2.4% 3.6% 2.9% 1.5%	assumption Percentage I 1.81%	2.31% (1.4%) (2.8%) (3.3%) (2.4%) (3.3%) (1.9%) (1.3%) (1.2%)	e to Valuation 2.81% - (4.1%) (5.3%) (6.1%) - (4.8%) (6.4%) (4.3%) (2.5%) (2.4%)	1 Assumption 3.31% - (6.8%) (7.9%) (8.5%) - (7.2%) (9.4%) (6.7%) (3.9%) (3.5%)	1.27% - 4.1% 3.1% - 2.8% - 2.4% 3.8% - 3.3% 1.6% - 1.4%	0.629 - 6.89 7.19 7.59 - 6.09 8.79 6.29 3.79 3.29
AY 2002 & prior 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012	0.81%	1.31% - 4.1% 2.9% 2.8% - 2.4% 3.6% 2.9% 1.5% 1.3% 0.9%	assumption Percentage I 1.81%	2.31% - (1.4%) (2.8%) (3.3%) (2.4%) (3.3%) (1.9%) (1.3%) (1.2%) (0.9%)	e to Valuation 2.81%	1 Assumption 3.31% - (6.8%) (7.9%) (8.5%) (7.2%) (9.4%) (6.7%) (3.9%) (3.5%) (2.5%)	1.27%	0.629
AY 2002 & prior 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013	0.81%	1.31% - 4.1% 2.9% 2.8% - 2.4% 3.6% 2.9% 1.5% 1.3% 0.9% 1.1%	assumption Percentage I 1.81%	2.31% - (1.4%) (2.8%) (3.3%) (2.4%) (3.3%) (1.9%) (1.3%) (1.2%) (0.9%) (1.0%)	e to Valuation 2.81% (4.1%) (5.3%) (6.1%) (4.8%) (6.4%) (2.5%) (2.4%) (1.7%) (2.1%)	1 Assumption 3.31% - (6.8%) (7.9%) (8.5%) - (7.2%) (9.4%) (6.7%) (3.9%) (2.5%) (3.0%)	1.27%	0.629
AY 2002 & prior 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014	0.81%	1.31% - 4.1% 2.9% 2.8% - 2.4% 3.6% 2.9% 1.5% 1.3% 0.9% 1.1% 1.3%	assumption Percentage I 1.81%	2.31% - (1.4%) (2.8%) (3.3%) (2.4%) (3.3%) (1.9%) (1.2%) (1.0%) (1.2%)	e to Valuation 2.81% (4.1%) (5.3%) (6.1%) (4.8%) (6.4%) (2.5%) (2.4%) (1.7%) (2.1%) (2.4%)	1 Assumption 3.31% - (6.8%) (7.9%) (8.5%) - (7.2%) (9.4%) (6.7%) (3.9%) (3.5%) (2.5%) (3.0%) (3.6%)	1.27%	0.629
AY 2002 & prior 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015	0.81%	1.31% - 4.1% 2.9% 2.8% - 2.4% 3.6% 2.9% 1.5% 1.3% 0.9% 1.1% 1.3% 1.4%	assumption Percentage I 1.81%	2.31%	e to Valuation 2.81%	1 Assumption 3.31% - (6.8%) (7.9%) (8.5%) - (7.2%) (9.4%) (6.7%) (3.9%) (3.5%) (2.5%) (3.0%) (3.6%) (4.0%)	1.27%	0.629
AY 2002 & prior 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016	0.81%	1.31% - 4.1% 2.9% 2.8% - 2.4% 3.6% 2.9% 1.5% 1.3% 0.9% 1.1% 1.3% 1.4% 1.5%	assumption Percentage I 1.81%	mpact Relativ 2.31% (1.4%) (2.8%) (3.3%) (2.4%) (3.3%) (1.9%) (1.2%) (1.0%) (1.2%) (1.4%) (1.5%)	e to Valuation 2.81% (4.1%) (5.3%) (6.1%) (4.8%) (6.4%) (2.5%) (2.4%) (1.7%) (2.1%) (2.2%) (2.9%)	1 Assumption 3.31% (6.8%) (7.9%) (8.5%) (7.2%) (9.4%) (6.7%) (3.9%) (3.5%) (2.5%) (3.0%) (3.6%) (4.0%) (4.3%)	1.27%	0.629
AY 2002 & prior 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017	0.81%	1.31% - 4.1% 2.9% 2.8% - 2.4% 3.6% 2.9% 1.5% 1.3% 0.9% 1.1% 1.3% 1.4% 1.5% 1.4%	assumption Percentage I 1.81%	(1.4%) (2.31% (1.4%) (2.8%) (3.3%) (2.4%) (3.3%) (1.9%) (1.2%) (1.0%) (1.2%) (1.4%) (1.5%) (1.4%)	e to Valuation 2.81% (4.1%) (5.3%) (6.1%) (4.8%) (6.4%) (2.5%) (2.4%) (1.7%) (2.1%) (2.2%) (2.9%) (2.7%)	1 Assumption 3.31% (6.8%) (7.9%) (8.5%) (7.2%) (9.4%) (6.7%) (3.9%) (3.5%) (2.5%) (3.0%) (4.0%) (4.3%) (4.0%)	1.27%	0.629
AY 2002 & prior 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016	0.81%	1.31% - 4.1% 2.9% 2.8% - 2.4% 3.6% 2.9% 1.5% 1.3% 0.9% 1.1% 1.3% 1.4% 1.5% 1.4%	assumption Percentage I 1.81%	(1.4%) (2.31% (1.4%) (2.8%) (3.3%) (2.4%) (3.3%) (1.9%) (1.2%) (1.0%) (1.2%) (1.4%) (1.5%) (1.4%) (1.4%)	e to Valuation 2.81% (4.1%) (5.3%) (6.1%) (4.8%) (6.4%) (2.5%) (2.4%) (1.7%) (2.1%) (2.2%) (2.9%)	(6.8%) (7.9%) (8.5%) (7.2%) (9.4%) (6.7%) (3.9%) (2.5%) (3.6%) (4.0%) (4.0%) (4.0%)	1.27%	0.629



Interest Rate Sensitivity (\$000s)

Indemnity claims liabilities as projected from the latest valuation to December 31, 2017.

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YUKON

	Actuar	ial Present Va	lue of Provisi	ons at Various	Discount Rate	es - Dec. 31, 20	17 projected l	Jnpaid
AY	0.81%	1.31%	1.81%	2.31%	2.81%	3.31%	1.27%	0.62
2002 & prior	-	-	-	-	-	-	-	-
2003		-	-	-	-	-	-	-
2004	-	-	-	-	-	-	-	-
2005	-		-	-	-		-	-
2006	-	-	-	-	-	-	-	-
2007	-		-	-	-	-	-	-
2008	-	-	-	-	-	-	-	-
2009	4	4	4	4	4	4	4	[
2010	76	75	74	73	72	71	75	7
2011	13	13	13	13	12	11	13	1
2012	123	122	120	119	118	116	122	12
2013	44	43	43	42	41	41	43	4
2014	117	115	113	112	110	110	115	11
2015	1,657	1,634	1,612	1,590	1,569	1,550	1,636	1,66
2016	546	538	530	523	515	508	539	55
2017	699	689	679	670	661	653	689	70
Total	3,279	3,233	3,188	3,146	3,102	3,064	3,236	3,29
	curr - 100 bp	curr - 50 bp	curr val	curr + 50bp	curr + 100bp	curr + 150bp	prior val	prior fyr e
	·	·	assumption	•			assumption	assumptio
Amounts in								
			Dollar Imr	act Relative 1	o Valuation A	ssumption		
AY	0.81%	1.31%		2.31%	2.81%	3.31%	1.27%	0.62
Total	91	45		(42)	(86)	(124)	48	10
	100 b.s							
	curr - 100 bp	curr - 50 bp	curr val	curr + 50bp	curr + 100bp	curr + 150bp	prior val	prior fyr ei
	curr - 100 bp	curr - 50 bp		•	curr + 100bp	curr + 150bp		, ,
Amounts in	curr - 100 pp	curr - 50 bp	curr val assumption	•	curr + 100bp	curr + 150bp	prior val assumption	, ,
Amounts in	curr - 100 bp	curr - 50 bp	assumption	·		•		, ,
			assumption Percentage I	mpact Relativ	re to Valuation	Assumption	assumption	assumptio
AY	0.81%	1.31%	assumption Percentage I 1.81%	mpact Relativ 2.31%	re to Valuation 2.81%	Assumption 3.31%	assumption 1.27%	, ,
AY 2002 & prior			assumption Percentage I	mpact Relativ	re to Valuation	Assumption	assumption	assumptio
AY 2002 & prior 2003	0.81%	1.31%	assumption Percentage I 1.81%	mpact Relativ 2.31%	re to Valuation 2.81%	Assumption 3.31%	assumption 1.27%	assumptio
AY 2002 & prior 2003 2004	0.81%	1.31%	assumption Percentage I 1.81%	mpact Relativ 2.31%	re to Valuation 2.81%	Assumption 3.31%	assumption 1.27%	assumptio
AY 2002 & prior 2003 2004 2005	0.81%	1.31%	assumption Percentage I 1.81%	mpact Relativ 2.31%	re to Valuation 2.81%	Assumption 3.31%	assumption 1.27%	assumptio
AY 2002 & prior 2003 2004 2005 2006	0.81%	1.31%	assumption Percentage I 1.81%	mpact Relativ 2.31%	re to Valuation 2.81%	Assumption 3.31%	assumption 1.27%	assumptio
AY 2002 & prior 2003 2004 2005 2006 2007	0.81%	1.31%	assumption Percentage I 1.81%	mpact Relativ 2.31%	re to Valuation 2.81%	Assumption 3.31%	assumption 1.27%	assumptio
AY 2002 & prior 2003 2004 2005 2006 2007 2008	0.81%	1.31%	assumption Percentage I 1.81%	mpact Relativ 2.31%	re to Valuation 2.81%	Assumption 3.31%	assumption 1.27%	assumptio
AY 2002 & prior 2003 2004 2005 2006 2007 2008 2009	0.81%	1.31%	assumption Percentage I 1.81%	mpact Relativ 2.31%	2.81%	3.31%	1.27%	0.62
AY 2002 & prior 2003 2004 2005 2006 2007 2008 2009 2010	0.81%	1.31%	assumption Percentage I 1.81%	mpact Relativ 2.31%	2.81%	3.31%	1.27%	0.62
AY 2002 & prior 2003 2004 2005 2006 2007 2008 2009 2010 2011	0.81%	1.31%	assumption Percentage I 1.81%	mpact Relativ 2.31%	2.81%	3.31%	1.27%	0.62
AY 2002 & prior 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012	0.81%	1.31%	assumption Percentage I 1.81%	mpact Relativ 2.31%	2.81%	1 Assumption 3.31%	1.27%	0.62 - - - - - - - - - - - - - - - - - - -
AY 2002 & prior 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013	0.81%	1.31%	assumption Percentage I 1.81%	mpact Relativ 2.31%	2.81%	1 Assumption 3.31%	1.27%	0.62
AY 2002 & prior 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014	0.81%	1.31%	assumption Percentage I 1.81%	(1.4%) (0.8%) (0.9%)	2.81%	Assumption 3.31%	1.27%	0.62
AY 2002 & prior 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015	0.81%	1.31%	assumption Percentage I 1.81%	mpact Relativ 2.31% (1.4%) (0.8%) (2.3%) (0.9%) (1.4%)	2.81%	1 Assumption 3.31%	1.27%	0.62
AY 2002 & prior 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016	0.81%	1.31%	assumption Percentage I 1.81%	mpact Relativ 2.31% (1.4%) (0.8%) (0.9%) (1.4%) (1.3%)	2.81%	1 Assumption 3.31%	1.27%	0.62
AY 2002 & prior 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017	0.81%	1.31%	assumption Percentage I 1.81%	(1.4%) (0.8%) (1.4%) (1.3%) (1.3%)	2.81%	1 Assumption 3.31%	1.27%	0.62
AY 2002 & prior 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016	0.81%	1.31%	assumption Percentage I 1.81%	(1.4%) (0.8%) (0.9%) (1.4%) (1.3%) (1.3%)	2.81%	Assumption 3.31%	1.27%	0.62



Interest Rate Sensitivity (\$000s)

Indemnity claims liabilities as projected from the latest valuation to December 31, 2017.

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NORTHWEST TERRITORIES

	Actuar	ial Present Va	lue of Provision	ons at Various	Discount Rate	es - Dec. 31, 20	17 projected l	Jnpaid
AY	0.81%	1.31%	1.81%	2.31%	2.81%	3.31%	1.27%	0.629
2002 & prior	-	-	-	-	-	-	-	-
2003	-	-	-	-	-	-	-	-
2004	-	-	-	-	-	-	-	-
2005	-	-	-	-	-	-	-	-
2006	-		-	-				-
2007	-	-	-	-	-	-	-	-
2008								
2009	154	152	150	147	145	143	152	15
2010	2	2	2	2	2	2	2	<u> </u>
2011	6	6	6	6	6	6	6	
2012	135	133	132	131	130	128	134	13
2013	589	581	575	567	560	554	582	59
2014	2,149	2,121	2,093	2,067	2,041	2,015	2,123	2,16
2015	323	319	314	311	306	302	319	32
2016	732	721	710	700	689	680	721	73
2017	1,940	1,908	1,877	1,847	1,819	1,791	1,911	1,95
Total	6,030	5,943	5,859	5,778	5,698	5,621	5,950	6,06
	curr - 100 bp	curr - 50 bp	curr val	curr + 50bp	curr + 100bp	curr + 150bp	prior val	prior fyr en
mounts in			assumption				assumption	assumptio
amounts in			Dollar Imr	act Relative t	o Valuation A	ssumption		
AY	0.81%	1.31%	1.81%	2.31%	2.81%	3.31%	1.27%	0.629
Total	171	84	_	(81)	(161)	(238)	91	20
		0.		(01)	(101)	(230)	1 71	20
	curr - 100 bp	curr - 50 bp	curr val	. ,	curr + 100bp	. ,	prior val	
			curr val	curr + 50bp		. ,	+	prior fyr en
mounts in				curr + 50bp			prior val	prior fyr en
			assumption	curr + 50bp		curr + 150bp	prior val	prior fyr en
			assumption	curr + 50bp	curr + 100bp	curr + 150bp	prior val	prior fyr er assumptio
mounts in	curr - 100 bp	curr - 50 bp	assumption Percentage I	curr + 50bp mpact Relativ	curr + 100bp e to Valuation	curr + 150bp	prior val assumption	prior fyr en assumptio
mounts in	curr - 100 bp	curr - 50 bp	assumption Percentage I 1.81%	curr + 50bp mpact Relativ 2.31%	curr + 100bp e to Valuation 2.81%	curr + 150bp n Assumption 3.31%	prior val assumption	prior fyr en
AY 2002 & prior	curr - 100 bp	curr - 50 bp	assumption Percentage I 1.81%	curr + 50bp mpact Relativ 2.31%	curr + 100bp e to Valuation 2.81%	curr + 150bp n Assumption 3.31%	prior val assumption	prior fyr en assumptio
AY 2002 & prior 2003	curr - 100 bp	curr - 50 bp	assumption Percentage I 1.81%	curr + 50bp mpact Relativ 2.31%	curr + 100bp e to Valuation 2.81%	curr + 150bp n Assumption 3.31%	prior val assumption	prior fyr er assumptio
AY 2002 & prior 2003 2004	curr - 100 bp	curr - 50 bp	assumption Percentage I 1.81%	curr + 50bp mpact Relativ 2.31%	curr + 100bp e to Valuation 2.81%	curr + 150bp n Assumption 3.31%	prior val assumption	prior fyr er assumptio
AY 2002 & prior 2003 2004 2005	curr - 100 bp	curr - 50 bp	assumption Percentage I 1.81%	curr + 50bp mpact Relativ 2.31%	curr + 100bp e to Valuation 2.81%	curr + 150bp n Assumption 3.31%	prior val assumption	prior fyr er assumptio
AY 2002 & prior 2003 2004 2005 2006	curr - 100 bp	curr - 50 bp	assumption Percentage I 1.81%	curr + 50bp mpact Relativ 2.31%	curr + 100bp e to Valuation 2.81%	curr + 150bp n Assumption 3.31%	prior val assumption	prior fyr er assumptio
AY 2002 & prior 2003 2004 2005 2006 2007	curr - 100 bp	curr - 50 bp	assumption Percentage I 1.81%	curr + 50bp mpact Relativ 2.31%	curr + 100bp e to Valuation 2.81%	a Assumption 3.31%	prior val assumption	prior fyr en assumptio
AY 2002 & prior 2003 2004 2005 2006 2007 2008	0.81%	1.31%	assumption Percentage I 1.81%	curr + 50bp mpact Relativ 2.31%	e to Valuation 2.81%	a Assumption 3.31%	prior val assumption 1.27%	0.629
AY 2002 & prior 2003 2004 2005 2006 2007 2008 2009	0.81%	1.31%	assumption Percentage I 1.81%	curr + 50bp mpact Relativ 2.31%	e to Valuation 2.81%	a Assumption 3.31%	prior val assumption 1.27%	0.629
2002 & prior 2003 2004 2005 2006 2007 2008 2009 2010	0.81%	1.31%	assumption Percentage I 1.81%	mpact Relativ 2.31% (2.0%)	e to Valuatior 2.81%	a Assumption 3.31% (4.7%)	1.27%	0.629
AY 2002 & prior 2003 2004 2005 2006 2007 2008 2009 2010	0.81%	1.31% 1.3%	assumption Percentage I 1.81%	curr + 50bp mpact Relativ 2.31%	e to Valuatior 2.81% (3.3%) - (1.5%)	a Assumption 3.31% (4.7%) - (3.0%)	1.27%	0.629
AY 2002 & prior 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012	0.81%	1.31% 1.3% 1.3% 0.8%	assumption Percentage I 1.81%	curr + 50bp mpact Relativ 2.31%	e to Valuation 2.81%	curr + 150bp 1 Assumption 3.31% (4.7%) (3.0%) (3.7%)	1.27%	0.629
AY 2002 & prior 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013	0.81%	1.31% 1.38% 0.88% 1.0%	assumption Percentage I 1.81%	curr + 50bp mpact Relativ 2.31%	e to Valuation 2.81%	curr + 150bp 1 Assumption 3.31% (4.7%) (3.0%) (3.7%) (3.7%)	1.27%	0.629
AY 2002 & prior 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014	0.81%	1.31% 1.3% 1.3% 1.3% - 1.0% 1.3%	assumption Percentage I 1.81%	curr + 50bp mpact Relativ 2.31% (2.0%) (0.8%) (1.4%) (1.2%)	e to Valuation 2.81%	curr + 150bp 1 Assumption 3.31% (4.7%) (3.0%) (3.7%) (3.7%) (3.8%)	1.27%	0.629
AY 2002 & prior 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015	0.81%	1.31% 1.3% 1.3% 0.8% 1.0% 1.3% 1.6%	assumption Percentage I 1.81%	curr + 50bp mpact Relativ 2.31% (2.0%) - (0.8%) (1.4%) (1.2%) (1.0%)	e to Valuation 2.81%	curr + 150bp 1 Assumption 3.31% (4.7%) (3.0%) (3.7%) (3.7%) (3.8%) (4.2%)	1.27%	0.629
AY 2002 & prior 2003 2004 2005 2006 2007 2008 2010 2011 2012 2013 2014 2015 2016	0.81% 0.81%	1.31% 1.38% 0.8% 1.0% 1.3% 1.6% 1.5%	assumption Percentage I 1.81%	curr + 50bp mpact Relativ 2.31%	e to Valuation 2.81%	curr + 150bp 1 Assumption 3.31% (4.7%) (3.0%) (3.7%) (3.7%) (3.8%) (4.2%) (4.6%)	1.27%	0.629



Interest Rate Sensitivity (\$000s)

Indemnity claims liabilities as projected from the latest valuation to December 31, 2017.

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NUNAVUT

	Actuar	ial Present Va	lue of Provision	ons at Various	Discount Rate	es - Dec. 31, 20	17 projected l	Jnpaid ,
AY	0.81%	1.31%	1.81%	2.31%	2.81%	3.31%	1.27%	0.629
2002 & prior	_	-	-	-	-	-	-	-
2003	-	-	-	-	-	-	-	-
2004	-	-	-	-	-	-	-	-
2005	-	-	-	-	-	-	-	-
2006	-	-	-	-	-	-	-	-
2007	-	-	-	-	-	-	-	-
2008	-	-	-	-	-	-	-	-
2009	-	-	-	-	-	-	-	-
2010	3	3	3	3	2	2	3	
2011	3	3	3	3	3	3	3	
2012	176	174	173	171	169	168	174	17
2013	19	19	19	19	19	18	19	1
2014	36	36	35	34	34	34	36	3
2015	195	192	189	187	185	182	192	19
2016	364	358	354	349	343	339	359	36
2017	366	360	354	349	344	339	361	36
Total	1,162	1,145	1,130	1,115	1,099	1,085	1,147	1,16
	curr - 100 bp	curr - 50 bp	curr val	curr + 50bp	curr + 100bp	curr + 150bp	prior val	prior fyr er
	·	·	assumption				assumption	assumptio
mounts in		,		!				,
			Dollar Imr	act Relative t	o Valuation A	ssumption		
AY	0.81%	1.31%	1.81%	2.31%	2.81%	3.31%	1.27%	0.629
Total	32	15	-	(15)	(31)	(45)	17	3
	curr - 100 bp	curr - 50 bp	curr val	curr + 50bp	curr + 100bp	curr + 150bp	prior val	prior fyr er
			assumption			·	assumption	assumptio
mounts in				•				, .
			Percentage I	mpact Relativ	e to Valuation	Assumption		
AY	0.81%	1.31%	1.81%	2.31%	2.81%	3.31%	1.27%	0.629
2002 & prior	-	-	-	-	-	-		_
2003		_	_				_	
2003	_	=	_	_	_	_	_	_
2005								 -
2006	_	_	_		_	_		
2007								
2007		_		_	_	_	_	
2009								
2010	_	_	_	-	(33.3%)	(33.3%)	_	_
				<u>-</u>	(33.370)	(33.370)		 -
2011	1 70/	n 60/	-	(1.2%)	(2.3%)	(2 Q0/\	0.69/	2 20
2012	1.7%	0.6%	-	(1.2%)	(2.5%)	(2.9%)	0.6%	2.39
2013 2014	2.00/	2.00/	-	/a no/\	/a 00/\	(5.3%)	2.00/	2.00
2014	2.9%	2.9%		(2.9%)	(2.9%)		2.9%	2.99
	3.2%	1.6%	-	(1.1%) (1.4%)			1.6%	3.79
2015	3.00/			1.1.4%1	(3.1%)	(4.2%)	1.4%	3.4
2015 2016	2.8%	1.1%	-				2.00/	4 ~
2015	2.8% 3.4% 2.8%	1.1% 1.7% 1.3%	- -	(1.4%)	(2.8%)	(4.2%)	2.0% 1.5%	4.0 ^o



Interest Rate Sensitivity (\$000s)

Indemnity claims liabilities as projected from the latest valuation to December 31, 2017.

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ALL JURISDICTIONS COMBINED

	Actuar	rial Present Va	lue of Provision	ons at Various	Discount Rate	es - Dec. 31, 20	17 projected l	Jnpaid
AY	0.81%	1.31%	1.81%	2.31%	2.81%	3.31%	1.27%	0.629
2002 & prior	4,988	4,953	4,920	4,889	4,857	4,826	4,955	5,00
2003	3,375	3,296	3,218	3,145	3,073	3,005	3,303	3,40
2004	2,575	2,505	2,436	2,371	2,309	2,247	2,510	2,60
2005	2,019	1,959	1,903	1,845	1,794	1,743	1,963	2,04
2006	3,222	3,123	3,028	2,937	2,851	2,769	3,132	3,26
2007	6,865	6,644	6,431	6,231	6,038	5,857	6,660	6,95
2008	2,867	2,777	2,692	2,612	2,535	2,461	2,784	2,90
2009	4,819	4,699	4,580	4,472	4,366	4,266	4,708	4,86
2010	4,500	4,410	4,328	4,251	4,175	4,103	4,421	4,53
2011	12,857	12,625	12,402	12,194	11,994	11,803	12,643	12,95
2012	13,833	13,643	13,464	13,289	13,125	12,966	13,661	13,90
2013	30,686	30,320	29,971	29,631	29,302	28,991	30,350	30,83
2014	37,684	37,250	36,830	36,426	36,036	35,659	37,283	37,85
2015	54,263	53,599	52,953	52,330	51,727	51,141	53,651	54,52
2016	61,990	61,145	60,329	59,536	58,764	58,017	61,213	62,32
2017	76,397	75,293	74,221	73,188	72,185	71,212	75,379	76,83
Total	322,940	318,241	313,706	309,347	305,131	301,066	318,616	324,80
	curr - 100 bp		curr val	curr + 50bp	curr + 100bp		prior val	prior fyr er
			assumption		ош. Тооор	ош. Тооор	assumption	
mounts in			assamption	I			dosamption	assamptio
			Dollar Imr	act Relative t	o Valuation A	ssumption		
AY	0.81%	1.31%	1.81%	2.31%	2.81%	3.31%	1.27%	0.629
Total	9.234	4.535	-	(4.359)	(8.575)	(12.640)	4.910	11.10
Total	9,234 curr - 100 bp	4,535 curr - 50 bp	- curr val	(4,359) curr + 50bp	(8,575) curr + 100bp	(12,640) curr + 150bp		
Total	9,234 curr - 100 bp	4,535 curr - 50 bp	curr val	curr + 50bp	(8,575) curr + 100bp		prior val	prior fyr er
			curr val assumption	curr + 50bp				prior fyr er
Total mounts in			assumption	curr + 50bp	curr + 100bp	curr + 150bp	prior val	prior fyr er
mounts in	curr - 100 bp	curr - 50 bp	assumption Percentage I	curr + 50bp mpact Relativ	curr + 100bp e to Valuation	curr + 150bp	prior val assumption	prior fyr er assumptio
mounts in	curr - 100 bp	curr - 50 bp	Percentage I	curr + 50bp mpact Relativ 2.31%	curr + 100bp e to Valuation 2.81%	curr + 150bp Assumption 3.31%	prior val assumption	prior fyr er assumptio
mounts in AY 2002 & prior	0.81%	1.31% 0.7%	assumption Percentage I	curr + 50bp mpact Relativ 2.31% (0.6%)	curr + 100bp e to Valuatior 2.81% (1.3%)	curr + 150bp Assumption 3.31% (1.9%)	prior val assumption 1.27% 0.7%	prior fyr er assumptio 0.629
AY 2002 & prior 2003	0.81% 1.4% 4.9%	1.31% 0.7% 2.4%	Percentage I	curr + 50bp mpact Relativ 2.31% (0.6%) (2.3%)	e to Valuation 2.81% (1.3%) (4.5%)	curr + 150bp Assumption 3.31% (1.9%) (6.6%)	prior val assumption 1.27% 0.7% 2.6%	0.629 1.69 5.99
AY 2002 & prior 2003 2004	0.81% 0.81% 1.4% 4.9% 5.7%	1.31% 0.7% 2.4% 2.8%	Percentage I	curr + 50bp mpact Relativ 2.31% (0.6%) (2.3%) (2.7%)	e to Valuation 2.81% (1.3%) (4.5%) (5.2%)	Assumption 3.31% (1.9%) (6.6%) (7.8%)	prior val assumption 1.27% 0.7% 2.6% 3.0%	0.629 1.69 5.99
AY 2002 & prior 2003 2004 2005	0.81% 0.81% 1.4% 4.9% 5.7% 6.1%	1.31% 0.7% 2.4% 2.8% 2.9%	Percentage I	mpact Relativ 2.31% (0.6%) (2.3%) (2.7%) (3.0%)	e to Valuation 2.81% (1.3%) (4.5%) (5.2%) (5.7%)	Assumption 3.31% (1.9%) (6.6%) (7.8%) (8.4%)	1.27% 0.7% 2.6% 3.0% 3.2%	0.629 0.629 1.69 6.99 7.49
AY 2002 & prior 2003 2004 2005 2006	0.81% 0.81% 1.4% 4.9% 5.7% 6.1% 6.4%	1.31% 0.7% 2.4% 2.8% 2.9% 3.1%	Percentage I	curr + 50bp mpact Relativ 2.31% (0.6%) (2.3%) (2.7%) (3.0%) (3.0%)	e to Valuation 2.81% (1.3%) (4.5%) (5.2%) (5.7%) (5.8%)	1 Assumption 3.31% (1.9%) (6.6%) (7.8%) (8.4%) (8.6%)	1.27% 0.7% 2.6% 3.0% 3.2% 3.4%	0.629 1.63 5.99 6.99 7.49 7.79
AY 2002 & prior 2003 2004 2005 2006 2007	0.81% 0.81% 1.4% 4.9% 5.7% 6.1% 6.4% 6.7%	1.31% 0.7% 2.4% 2.8% 2.9% 3.1% 3.3%	Percentage I	mpact Relativ 2.31% (0.6%) (2.3%) (2.7%) (3.0%) (3.0%) (3.1%)	e to Valuation 2.81% (1.3%) (4.5%) (5.2%) (5.7%) (5.8%) (6.1%)	(1.9%) (6.6%) (7.8%) (8.6%) (8.9%)	1.27% 0.7% 2.6% 3.0% 3.2% 3.4% 3.6%	0.629 1.69 5.99 6.749 7.75 8.19
AY 2002 & prior 2003 2004 2005 2006 2007 2008	0.81% 0.81% 1.4% 4.9% 5.7% 6.1% 6.4% 6.7% 6.5%	1.31% 0.7% 2.4% 2.8% 2.9% 3.1% 3.3% 3.2%	Percentage I	curr + 50bp mpact Relativ 2.31% (0.6%) (2.3%) (2.7%) (3.0%) (3.1%) (3.0%)	e to Valuation 2.81% (1.3%) (4.5%) (5.2%) (5.7%) (5.8%) (6.1%) (5.8%)	(8.6%) (8.6%) (8.6%) (8.6%)	1.27% 0.7% 2.6% 3.0% 3.2% 3.4% 3.6% 3.4%	0.629 1.66 5.99 6.749 7.75 8.19 7.89
AY 2002 & prior 2003 2004 2005 2006 2007 2008 2009	0.81% 0.81% 1.4% 4.9% 5.7% 6.1% 6.4% 6.5% 5.2%	1.31% 0.7% 2.4% 2.8% 2.9% 3.1% 3.3% 3.2% 2.6%	Percentage I	mpact Relativ 2.31% (0.6%) (2.3%) (2.7%) (3.0%) (3.1%) (3.0%) (2.4%)	e to Valuation 2.81% (1.3%) (4.5%) (5.2%) (5.7%) (5.8%) (6.1%) (5.8%) (4.7%)	(1.9%) (1.9%) (6.6%) (7.8%) (8.4%) (8.6%) (8.6%) (8.6%) (6.9%)	1.27% 0.7% 2.6% 3.0% 3.2% 3.4% 3.6% 3.4% 2.8%	0.629 1.66 5.99 6.749 7.75 8.19 7.88 6.39
AY 2002 & prior 2003 2004 2005 2006 2007 2008 2009 2010	0.81% 0.81% 1.4% 4.9% 5.7% 6.1% 6.4% 6.5% 5.2% 4.0%	1.31% 0.7% 2.4% 2.8% 2.9% 3.1% 3.3% 3.2% 2.6% 1.9%	Percentage I	mpact Relativ 2.31% (0.6%) (2.3%) (2.7%) (3.0%) (3.1%) (3.0%) (2.4%) (1.8%)	e to Valuation 2.81% (1.3%) (4.5%) (5.2%) (5.7%) (5.8%) (6.1%) (5.8%) (4.7%) (3.5%)	(1.9%) (1.9%) (2.6%) (3.31%) (1.9%) (3.4%) (4.4%) (4.6%) (4.6%) (4.6%) (5.2%)	1.27% 0.7% 2.6% 3.0% 3.2% 3.4% 3.6% 3.4% 2.8% 2.1%	0.629 1.66 5.99 6.74 7.75 8.19 7.88 6.39 4.89
AY 2002 & prior 2003 2004 2005 2006 2007 2008 2009 2010 2011	0.81% 0.81% 1.4% 4.9% 5.7% 6.1% 6.4% 6.5% 5.2% 4.0% 3.7%	1.31% 0.7% 2.4% 2.8% 2.9% 3.1% 3.3% 2.6% 1.9%	Percentage I	mpact Relativ 2.31% (0.6%) (2.3%) (2.7%) (3.0%) (3.1%) (3.0%) (2.4%) (1.8%) (1.7%)	e to Valuation 2.81% (1.3%) (4.5%) (5.2%) (5.7%) (5.8%) (6.1%) (5.8%) (4.7%) (3.5%)	(1.9%) (8.4%) (8.6%) (8.6%) (8.6%) (8.6%) (8.2%) (4.8%)	1.27% 0.7% 2.6% 3.0% 3.2% 3.4% 3.6% 3.4% 2.8% 2.1% 1.9%	0.629 1.69 5.99 7.49 7.79 8.19 6.39 4.89
AY 2002 & prior 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012	0.81% 0.81% 1.4% 4.9% 5.7% 6.1% 6.4% 6.5% 5.2% 4.0% 3.7% 2.7%	1.31% 0.7% 2.4% 2.8% 2.9% 3.1% 3.3% 3.2% 2.6% 1.9% 1.8% 1.3%	Percentage I	mpact Relativ 2.31% (0.6%) (2.7%) (3.0%) (3.1%) (2.4%) (1.8%) (1.7%) (1.3%)	e to Valuation 2.81% (1.3%) (4.5%) (5.2%) (5.7%) (5.8%) (6.1%) (5.8%) (4.7%) (3.5%) (3.3%) (2.5%)	(1.9%) (1	1.27% 0.7% 2.6% 3.0% 3.2% 3.4% 3.6% 3.4% 2.8% 2.1% 1.9% 1.5%	0.629 1.66 5.99 6.749 7.75 8.19 7.88 6.39 4.49 3.33
AY 2002 & prior 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013	0.81% 0.81% 1.4% 4.9% 5.7% 6.1% 6.4% 6.5% 5.2% 4.0% 3.7% 2.4%	1.31% 0.7% 2.4% 2.8% 2.9% 3.1% 3.3% 3.2% 2.6% 1.9% 1.8% 1.3% 1.2%	Percentage I	mpact Relativ 2.31% (0.6%) (2.7%) (3.0%) (3.1%) (2.4%) (1.8%) (1.3%) (1.1%)	e to Valuation 2.81% (1.3%) (4.5%) (5.2%) (5.7%) (5.8%) (6.1%) (5.8%) (4.7%) (3.5%) (3.3%) (2.5%)	(1.9%) (1	1.27% 0.7% 2.6% 3.0% 3.2% 3.4% 3.6% 3.4% 2.8% 2.1% 1.9% 1.5% 1.3%	0.629 1.66 5.99 6.99 7.49 7.78 8.19 7.88 6.39 4.89 4.49 3.33 2.99
AY 2002 & prior 2003 2004 2005 2006 2007 2008 2010 2011 2012 2013 2014	0.81% 0.81% 1.4% 4.9% 5.7% 6.1% 6.4% 6.5% 5.2% 4.0% 3.7% 2.4% 2.3%	1.31% 0.7% 2.4% 2.8% 2.9% 3.1% 3.3% 3.2% 2.6% 1.9% 1.8% 1.2% 1.1%	Percentage I	curr + 50bp mpact Relativ 2.31% (0.6%) (2.3%) (2.7%) (3.0%) (3.1%) (2.4%) (1.8%) (1.7%) (1.1%) (1.1%)	e to Valuation 2.81% (1.3%) (4.5%) (5.2%) (5.7%) (5.8%) (6.1%) (5.8%) (4.7%) (3.5%) (3.3%) (2.2%) (2.2%)	(1.9%) (1.9%) (2.6%) (3.31%) (4.9%) (4.6%) (4.6%) (5.2%) (4.8%) (3.3%) (3.3%) (3.2%)	1.27% 0.7% 2.6% 3.0% 3.2% 3.4% 3.6% 2.8% 2.1% 1.9% 1.5% 1.3% 1.2%	0.629 1.66 5.99 6.99 7.49 7.78 8.19 7.88 6.39 4.49 3.33 2.99 2.88
AY 2002 & prior 2003 2004 2005 2006 2007 2008 2010 2011 2012 2013 2014 2015	0.81% 0.81% 1.4% 4.9% 5.7% 6.1% 6.4% 6.5% 5.2% 4.0% 3.7% 2.4% 2.3% 2.5%	1.31% 0.7% 2.4% 2.8% 2.9% 3.1% 3.3% 3.2% 2.6% 1.9% 1.8% 1.1% 1.2%	Percentage I	mpact Relativ 2.31% (0.6%) (2.3%) (2.7%) (3.0%) (3.1%) (2.4%) (1.1%) (1.1%) (1.1%) (1.1%)	e to Valuation 2.81% (1.3%) (4.5%) (5.2%) (5.7%) (5.8%) (6.1%) (5.8%) (4.7%) (3.5%) (2.5%) (2.2%) (2.2%) (2.3%)	(1.9%) (1.9%) (2.6%) (3.31%) (4.9%) (8.4%) (8.6%) (8.6%) (6.6%) (5.2%) (4.8%) (3.3%) (3.3%) (3.2%) (3.4%)	1.27% 0.7% 2.6% 3.0% 3.24% 3.6% 3.4% 2.8% 2.1% 1.9% 1.5% 1.3% 1.2%	0.629 1.66 5.99 6.74 7.78 8.19 7.88 4.49 3.33 2.99 2.88
AY 2002 & prior 2003 2004 2005 2006 2007 2008 2010 2011 2012 2013 2014 2015 2016	0.81% 0.81% 1.4% 4.9% 5.7% 6.1% 6.4% 6.5% 4.0% 3.7% 2.4% 2.3% 2.5% 2.8%	1.31%	Percentage I	mpact Relativ 2.31% (0.6%) (2.3%) (2.7%) (3.0%) (3.1%) (2.4%) (1.1%) (1.1%) (1.1%) (1.2%) (1.3%)	e to Valuation 2.81% (1.3%) (4.5%) (5.2%) (5.7%) (5.8%) (6.1%) (5.8%) (3.5%) (3.3%) (2.2%) (2.2%) (2.2%) (2.3%) (2.6%)	(1.9%) (1.9%) (2.6%) (3.31%) (1.9%) (3.4%) (3.4%) (3.3%) (3.2%) (3.4%) (3.8%)	1.27% 0.7% 2.6% 3.0% 3.24% 3.4% 2.8% 2.1% 1.9% 1.5% 1.3% 1.2% 1.5%	0.629 1.66 5.99 6.99 7.49 7.78 8.19 7.88 6.39 4.49 3.33 2.99 2.88 3.09 3.39
AY 2002 & prior 2003 2004 2005 2006 2007 2008 2010 2011 2012 2013 2014 2015	0.81% 0.81% 1.4% 4.9% 5.7% 6.1% 6.4% 6.5% 5.2% 4.0% 3.7% 2.4% 2.3% 2.5%	1.31% 0.7% 2.4% 2.8% 2.9% 3.1% 3.3% 3.2% 2.6% 1.9% 1.8% 1.1% 1.2%	Percentage I	mpact Relativ 2.31% (0.6%) (2.3%) (2.7%) (3.0%) (3.1%) (2.4%) (1.1%) (1.1%) (1.1%) (1.1%)	e to Valuation 2.81% (1.3%) (4.5%) (5.2%) (5.7%) (5.8%) (6.1%) (5.8%) (4.7%) (3.5%) (2.5%) (2.2%) (2.2%) (2.3%)	(1.9%) (1.9%) (2.6%) (3.31%) (4.9%) (8.4%) (8.6%) (8.6%) (6.6%) (5.2%) (4.8%) (3.3%) (3.3%) (3.2%) (3.4%)	1.27% 0.7% 2.6% 3.0% 3.24% 3.6% 3.4% 2.8% 2.1% 1.9% 1.5% 1.3% 1.2%	0.629 1.66 5.99 6.99 7.49 7.78 8.19 7.88 4.49 3.33 2.99 2.88



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

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ShareDate	201712	Ţ
	Newfoundlan	d
Jurisdiction Desc	& Labrador	Ţ
AccountCode Des	IBNR Provisio	Ţ,
AccountCode	(AII)	-

		Values						
Business Segment	AccYear -	Sum of Prior Month Actual Amount	Sum of Projected Change	Sum of Change Due to AvsP Variances	Sum of Change Due to Valuation Implementation	Sum of Total Change	Sum of % Total Change	Sum of Current Month Final Amount
Private								
■ Passenger	prior	(5)	1	(1)	-	-	-	(5)
	2008	(2)	1	(1)	-	-	-	(2)
	2009	49	(5)	24	-	19	38.8%	68
	2010	(4)	2	(2)	-	-	-	(4)
	2011	56	(6)	6	-	-	-	56
	2012	(69)	13	(18)	-	(5)	7.2%	(74)
	2013	123	(2)	(22)	-	(24)	(19.5%)	99
	2014	492	(18)	4	-	(14)	(2.8%)	478
	2015	969	(25)	28	-	3	0.3%	972
	2016	2,118	(48)	(100)	-	(148)	(7.0%)	1,970
	2017	5,470	152	(488)	-	(336)	(6.1%)	5,134
Private Passeng	ger Total	9,197	65	(570)	-	(505)	(5.5%)	8,692
Non Private								
Passenger	prior	3	(1)	1	-	-	-	3
	2008	-	-	-	-	-	-	-
	2009	3	(1)	1	-	-	-	3
	2010	26	(3)	3	-	-	-	26
	2011	25	1	(1)	-	-	-	25
	2012	525	(90)	90	-	-	-	525
	2013	155	(2)	(11)	-	(13)	(8.4%)	142
	2014	329	(11)	107	-	96	29.2%	425
	2015	557	(39)	45	-	6	1.1%	563
	2016	1,243	(86)	63	-	(23)	(1.9%)	1,220
	2017	2,938	34	(214)	-	(180)	(6.1%)	2,758
Non Private Pa	ssenger Total	5,804	(198)	84	-	(114)	(2.0%)	5,690
Grand Total		15,001	(133)	(486)	-	(619)	(4.1%)	14,382



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

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ShareDate 201712 Jurisdiction Desc New Brunswi J AccountCode Des IBNR Provisio J AccountCode (All)

		Values						
Business Segment	AccYear .T	Sum of Prior Month Actual Amount	Sum of Projected Change	Sum of Change Due to AvsP Variances	Sum of Change Due to Valuation Implementation	Sum of Total Change	Sum of % Total Change	Sum of Current Month Final Amount
Private								
■ Passenger	prior	62	(1)	1	-	-	-	62
	2008	14	(1)	1	-	-	-	14
	2009	27	(2)	2	-	-	-	27
	2010	121	(6)	6	-	-	-	121
	2011	179	(7)	(137)	-	(144)	(80.4%)	35
	2012	193	(11)	11	-	-	-	193
	2013	109	(2)	(15)	-	(17)	(15.6%)	92
	2014	241	(7)	(173)	-	(180)	(74.7%)	61
	2015	(189)	44	(94)	-	(50)	26.5%	(239)
	2016	1,594	(117)	258	-	141	8.8%	1,735
	2017	3,595	329	(458)	-	(129)	(3.6%)	3,466
Private Passeng	er Total	5,946	219	(598)	-	(379)	(6.4%)	5,567
Non Private								
■ Passenger	prior	1	(2)	19	-	17	1,700.0%	18
	2008	(1)	-	-	-	-	-	(1)
	2009	8	1	(1)	-	-	-	8
	2010	33	(2)	2	-	-	-	33
	2011	35	(2)	40	-	38	108.6%	73
	2012	107	(5)	20	-	15	14.0%	122
	2013	217	(10)	(605)	-	(615)	(283.4%)	(398)
	2014	477	(5)	(71)	-	(76)	(15.9%)	401
	2015	493	(18)	20	-	2	0.4%	495
	2016	813	(27)	32	-	5	0.6%	818
	2017	1,733	116	839	-	955	55.1%	2,688
Non Private Pas	senger Total	3,916	46	295	-	341	8.7%	4,257
Grand Total		9,862	265	(303)	-	(38)	(0.4%)	9,824



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

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ShareDate	201712	Ţ	
Jurisdiction Desc	Nova Scotia	Ţ	
AccountCode Des	IBNR Provisio	Ţ,	
AccountCode	(AII)	¥	

	Values							
Business Segment	AccYear 🔻	Sum of Prior Month Actual Amount	Sum of Projected Change	Sum of Change Due to AvsP Variances	Sum of Change Due to Valuation Implementation	Sum of Total Change	Sum of % Total Change	Sum of Current Month Final Amount
Private								
■ Passenger	prior	(4)	(3)	4	-	1	(25.0%)	(3)
	2008	(8)	-	-	-	-	-	(8)
	2009	(32)	(2)	2	-	-	-	(32)
	2010	11	(2)	2	-	-	-	11
	2011	(87)	4	(4)	-	-	-	(87)
	2012	(34)	(1)	1	-	-	-	(34)
	2013	78	-	(1)	-	(1)	(1.3%)	77
	2014	129	(1)	3	-	2	1.6%	131
	2015	481	(4)	(194)	-	(198)	(41.2%)	283
	2016	1,126	(95)	106	-	11	1.0%	1,137
	2017	1,962	209	(346)	-	(137)	(7.0%)	1,825
Private Passeng	ger Total	3,622	105	(427)	-	(322)	(8.9%)	3,300
Non Private								
■ Passenger	prior	7	(2)	2	-	-	-	7
	2008	3	-	-	-	-	-	3
	2009	(5)	-	-	-	-	-	(5)
	2010	(6)	2	109	-	111	(1,850.0%)	105
	2011	(63)	6	(6)	-	-	-	(63)
	2012	24	(3)	3	-	-	-	24
	2013	395	(8)	32	-	24	6.1%	419
	2014	183	(6)	(184)	-	(190)	(103.8%)	(7)
	2015	949	(27)	(120)	-	(147)	(15.5%)	802
	2016	1,984	(77)	5	-	(72)	(3.6%)	1,912
	2017	1,859	253	(271)	-	(18)	(1.0%)	1,841
Non Private Pas	senger Total	5,330	138	(430)	-	(292)	(5.5%)	5,038
Grand Total		8,952	243	(857)	-	(614)	(6.9%)	8,338



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

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ShareDate	201712	Ţ
	Prince Edward	Ł
Jurisdiction Desc	Island	Ţ
AccountCode Des	IBNR Provisio	Ţ
AccountCode	(AII)	w

Values						I		I
Business Segment	AccYear	Sum of Prior Month Actual Amount	Sum of Projected Change	Sum of Change Due to AvsP Variances	Sum of Change Due to Valuation Implementation	Sum of Total Change	Sum of % Total Change	Sum of Current Month Final Amount
Private								
■ Passenger	prior	(4)	-	-	-	-	-	(4)
	2008	(1)	-	-	-	-	-	(1)
	2009	-	-	-	-	-	-	-
	2010	28	(1)	1	-	-	-	28
	2011	(159)	1	(1)	-	-	-	(159)
	2012	2	-	-	-	-	-	2
	2013	11	-	-	-	-	-	11
	2014	85	(2)	1	-	(1)	(1.2%)	84
	2015	272	(13)	23	-	10	3.7%	282
	2016	380	(4)	11	-	7	1.8%	387
	2017	539	4	(112)	=	(108)	(20.0%)	431
Private Passeng	er Total	1,153	(15)	(77)	-	(92)	(8.0%)	1,061
Non Private								
■ Passenger	prior	(1)	-	-	-	-	-	(1)
	2008	-	-	-	-	-	-	-
	2009	-	-	-	-	-	-	-
	2010	-	-	-	-	-	-	-
	2011	1	-	-	-	-	-	1
	2012	5	-	-	-	-	-	5
	2013	20	-	-	-	-	-	20
	2014	102	(1)	(28)	-	(29)	(28.4%)	73
	2015	276	(85)	32	-	(53)	(19.2%)	223
	2016	81	-	59	-	59	72.8%	140
	2017	669	40	(2)	-	38	5.7%	707
Non Private Pas	senger Total	1,153	(46)	61	-	15	1.3%	1,168
Grand Total		2,306	(61)	(16)	-	(77)	(3.3%)	2,229



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

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ShareDate 201712

Jurisdiction Desc Ontario

AccountCode Des IBNR Provisio

AccountCode (All)

		Values						I
Business Segment	AccYear	Sum of Prior Month Actual Amount	Sum of Projected Change	Sum of Change Due to AvsP Variances	Sum of Change Due to Valuation Implementation	Sum of Total Change	Sum of % Total Change	Sum of Current Month Final Amount
Private								
■ Passenger	prior	2,719	(44)	566	-	522	19.2%	3,241
	2008	622	(6)	10	-	4	0.6%	626
	2009	471	(6)	10	-	4	0.8%	475
	2010	348	(4)	147	-	143	41.1%	491
	2011	(174)	(1)	29	-	28	(16.1%)	(146)
	2012	(418)	4	16	-	20	(4.8%)	(398)
	2013	231	(3)	81	-	78	33.8%	309
	2014	610	(98)	115	-	17	2.8%	627
	2015	960	(42)	48	-	6	0.6%	966
	2016	1,919	(19)	14	-	(5)	(0.3%)	1,914
	2017	2,986	271	(58)	-	213	7.1%	3,199
Private Passeng	ger Total	10,274	52	978	-	1,030	10.0%	11,304
Non Private								
■ Passenger	prior	(12)	9	48	-	57	(475.0%)	45
	2008	43	(5)	40	-	35	81.4%	78
	2009	67	(7)	23	-	16	23.9%	83
	2010	162	(23)	23	-	-	-	162
	2011	264	(29)	91	-	62	23.5%	326
	2012	(268)	54	215	-	269	(100.4%)	1
	2013	960	(19)	(311)	-	(330)	(34.4%)	630
	2014	2,098	(141)	140	-	(1)	-	2,097
	2015	2,577	(36)	(82)	-	(118)	(4.6%)	2,459
	2016	5,343	(54)	(85)	-	(139)	(2.6%)	5,204
	2017	10,083	455	541	-	996	9.9%	11,079
Non Private Pas	senger Total	21,317	204	643	-	847	4.0%	22,164
Grand Total		31,591	256	1,621	-	1,877	5.9%	33,468



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

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ShareDate	201712	Ţ
Jurisdiction Desc	Alberta	Ţ,
AccountCode Des	IBNR Provisio	T,
AccountCode	(AII)	¥

		Values				ı		ı
Business Segment	AccYear	Sum of Prior Month Actual Amount	Sum of Projected Change	Sum of Change Due to AvsP Variances	Sum of Change Due to Valuation Implementation	Sum of Total Change	Sum of % Total Change	Sum of Current Month Final Amount
Private								
■ Passenger	prior	(26)	5	(5)	-	-	-	(26)
	2008	(107)	17	(36)	-	(19)	17.8%	(126)
	2009	30	(4)	4	-	-	-	30
	2010	(31)	6	(6)	-	-	-	(31)
	2011	231	(23)	23	-	-	-	231
	2012	276	(37)	(211)	-	(248)	(89.9%)	28
	2013	462	(70)	68	-	(2)	(0.4%)	460
	2014	796	(28)	142	-	114	14.3%	910
	2015	1,211	(49)	777	-	728	60.1%	1,939
	2016	1,465	(53)	81	-	28	1.9%	1,493
	2017	2,077	159	(88)	-	71	3.4%	2,148
Private Passeng	ger Total	6,384	(77)	749	-	672	10.5%	7,056
Non Private								
■ Passenger	prior	51	(24)	372	-	348	682.4%	399
	2008	(35)	7	32	-	39	(111.4%)	4
	2009	21	(13)	(14)	-	(27)	(128.6%)	(6)
	2010	67	(45)	45	-	-	-	67
	2011	(332)	285	(404)	-	(119)	35.8%	(451)
	2012	255	(80)	357	-	277	108.6%	532
	2013	985	(93)	(171)	-	(264)	(26.8%)	721
	2014	1,621	(79)	740	-	661	40.8%	2,282
	2015	3,205	(172)	290	-	118	3.7%	3,323
	2016	5,521	(432)	420	-	(12)	(0.2%)	5,509
	2017	10,203	(325)	270	-	(55)	(0.5%)	10,148
Non Private Pas	ssenger Total	21,562	(971)	1,937	-	966	4.5%	22,528
Grand Total		27,946	(1,048)	2,686	-	1,638	5.9%	29,584



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

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ShareDate	201712	Ţ
Jurisdiction Desc	Yukon	Ţ,
AccountCode Des	IBNR Provisio	T,
AccountCode	(AII)	¥

Values							I	
Business Segment	AccYear	Sum of Prior Month Actual Amount	Sum of Projected Change	Sum of Change Due to AvsP Variances	Sum of Change Due to Valuation Implementation	Sum of Total Change	Sum of % Total Change	Sum of Current Month Final Amount
Private								
■ Passenger	prior	5	-	-	-	-	-	5
	2008	(1)	-	-	-	-	-	(1)
	2009	6	(1)	1	-	-	-	6
	2010	11	(1)	1	-	-	-	11
	2011	12	-	-	-	-	-	12
	2012	21	-	-	-	-	-	21
	2013	38	-	-	-	-	-	38
	2014	71	(1)	1	-	-	-	71
	2015	190	(2)	2	-	-	-	190
	2016	308	(3)	(11)	-	(14)	(4.5%)	294
	2017	215	3	(63)	-	(60)	(27.9%)	155
Private Passenge	er Total	876	(5)	(69)	-	(74)	(8.4%)	802
Non Private								
■ Passenger	prior	1	-	-	-	-	-	1
	2008	1	-	-	-	-	-	1
	2009	-	-	-	-	-	-	-
	2010	-	-	-	-	-	-	-
	2011	4	-	-	-	-	-	4
	2012	17	-	-	-	-	-	17
	2013	10	-	-	-	-	-	10
	2014	53	(1)	1	-	-	-	53
	2015	114	(2)	2	-	-	-	114
	2016	106	-	(75)	-	(75)	(70.8%)	31
	2017	196	35	(6)	-	29	14.8%	225
Non Private Pass	senger Total	502	32	(78)	-	(46)	(9.2%)	456
Grand Total		1,378	27	(147)	-	(120)	(8.7%)	1,258



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

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ShareDate	201712	Ţ,
	Northwest	
Jurisdiction Desc	Territories	Ţ,
AccountCode Des	IBNR Provisio	Ţ
AccountCode	(AII)	¥

Values						ı		
Business Segment	AccYear	Sum of Prior Month Actual Amount	Sum of Projected Change	Sum of Change Due to AvsP Variances	Sum of Change Due to Valuation Implementation	Sum of Total Change	Sum of % Total Change	Sum of Current Month Final Amount
Private								
■ Passenger	prior	(5)	-	-	-	-	-	(5)
	2008	3	-	-	-	-	-	3
	2009	29	-	-	-	-	-	29
	2010	4	-	-	-	-	-	4
	2011	8	-	-	-	-	-	8
	2012	34	-	(6)	-	(6)	(17.6%)	28
	2013	57	(1)	1	-	-	-	57
	2014	(146)	155	(101)	-	54	(37.0%)	(92)
	2015	250	(88)	88	-	-	-	250
	2016	411	(192)	192	-	-	-	411
	2017	402	47	(45)	-	2	0.5%	404
Private Passeng	er Total	1,047	(79)	129	-	50	4.8%	1,097
Non Private								
Passenger	prior	2	-	-	-	-	-	2
	2008	-	-	-	-	-	-	-
	2009	-	-	-	-	-	-	-
	2010	1	-	-	-	-	-	1
	2011	-	-	-	-	-	-	-
	2012	-	-	-	-	-	-	-
	2013	47	-	-	-	-	-	47
	2014	60	(1)	1	-	-	-	60
	2015	68	(1)	1	-	-	-	68
	2016	260	(2)	(2)	-	(4)	(1.5%)	256
	2017	82	98	12	-	110	134.1%	192
Non Private Pas	senger Total	520	94	12	-	106	20.4%	626
Grand Total		1,567	15	141	-	156	10.0%	1,723



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

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ShareDate	201712	Ţ
Jurisdiction Desc	Nunavut	Ţ
AccountCode Des	IBNR Provisio	Ţ,
AccountCode	(AII)	~

	Values						I	
Business Segment	AccYear ••	Sum of Prior Month Actual Amount	Sum of Projected Change	Sum of Change Due to AvsP Variances	Sum of Change Due to Valuation Implementation	Sum of Total Change	Sum of % Total Change	Sum of Current Month Final Amount
Private								
■ Passenger	prior	(2)	-	-	-	-	-	(2)
	2008	1	-	-	-	-	-	1
	2009	-	-	-	-	-	-	-
	2010	3	-	-	-	-	-	3
	2011	4	-	-	-	-	-	4
	2012	18	-	-	-	-	-	18
	2013	12	-	-	-	-	-	12
	2014	21	-	-	-	-	-	21
	2015	86	(1)	1	-	-	-	86
	2016	107	(2)	2	-	-	-	107
	2017	91	-	(7)	-	(7)	(7.7%)	84
Private Passenge	r Total	341	(3)	(4)	-	(7)	(2.1%)	334
Non Private								
■ Passenger	prior	-	-	-	-	-	-	-
	2008	-	-	-	-	-	-	-
	2009	-	-	-	-	-	-	-
	2010	-	-	-	-	-	-	-
	2011	-	-	-	-	-	-	-
	2012	-	-	-	-	-	-	-
	2013	8	-	-	-	-	-	8
	2014	17	-	-	-	-	-	17
	2015	97	(2)	2	-	-	-	97
	2016	173	(3)	3	-	-	-	173
	2017	292	21	(8)	-	13	4.5%	305
Non Private Pass	enger Total	587	16	(3)	-	13	2.2%	600
Grand Total		928	13	(7)	-	6	0.6%	934



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

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ShareDate	201712	Ţ,
Jurisdiction Desc	(AII)	¥
AccountCode Des	IBNR Provisio	Ţ,
AccountCode	(AII)	Ψ.

		Values						I
Business Segment	AccYear	Sum of Prior Month Actual Amount	Sum of Projected Change	Sum of Change Due to AvsP Variances	Sum of Change Due to Valuation Implementation	Sum of Total Change	Sum of % Total Change	Sum of Current Month Final Amount
Private								
■ Passenger	prior	2,740	(42)	565	-	523	19.1%	3,263
	2008	521	11	(26)	-	(15)	(2.9%)	506
	2009	580	(20)	43	-	23	4.0%	603
	2010	491	(6)	149	-	143	29.1%	634
	2011	70	(32)	(84)	-	(116)	(165.7%)	(46)
	2012	23	(32)	(207)	-	(239)	(1,039.1%)	(216)
	2013	1,121	(78)	112	-	34	3.0%	1,155
	2014	2,299	-	(8)	-	(8)	(0.3%)	2,291
	2015	4,230	(180)	679	-	499	11.8%	4,729
	2016	9,428	(533)	553	-	20	0.2%	9,448
	2017	17,337	1,174	(1,665)	-	(491)	(2.8%)	16,846
Private Passeng	ger Total	38,840	262	111	-	373	1.0%	39,213
Non Private								
■ Passenger	prior	52	(20)	442	-	422	811.5%	474
	2008	11	2	72	-	74	672.7%	85
	2009	94	(20)	9	-	(11)	(11.7%)	83
	2010	283	(71)	182	-	111	39.2%	394
	2011	(66)	261	(280)	-	(19)	28.8%	(85)
	2012	665	(124)	685	-	561	84.4%	1,226
	2013	2,797	(132)	(1,066)	-	(1,198)	(42.8%)	1,599
	2014	4,940	(245)	706	-	461	9.3%	5,401
	2015	8,336	(382)	190	-	(192)	(2.3%)	8,144
	2016	15,524	(681)	420	-	(261)	(1.7%)	15,263
	2017	28,055	727	1,161	-	1,888	6.7%	29,943
Non Private Pas	ssenger Total	60,691	(685)	2,521	-	1,836	3.0%	62,527
Grand Total		99,531	(423)	2,632	-	2,209	2.2%	101,740



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

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ShareDate	201712
	Newfoundland
Jurisdiction Desc	& Labrador
AccountCode De	s Undiscounted
	IBNR Provisio 🕶
AccountCode	(AII)

		Values						I
Business Segment	AccYear	Sum of Prior Month Actual Amount	Sum of Projected Change	Sum of Change Due to AvsP Variances	Sum of Change Due to Valuation Implementation	Sum of Total Change	Sum of % Total Change	Sum of Current Month Final Amount
Private								
■ Passenger	prior	(19)	2	(2)	-	-	-	(19)
	2008	4	-	-	-	-	-	4
	2009	47	(4)	24	-	20	42.6%	67
	2010	(6)	1	(1)	-	-	-	(6)
	2011	39	(4)	4	-	-	-	39
	2012	(187)	17	(17)	-	-	-	(187)
	2013	(25)	3	(18)	-	(15)	60.0%	(40)
	2014	192	(2)	(3)	-	(5)	(2.6%)	187
	2015	638	(6)	16	-	10	1.6%	648
	2016	1,612	(32)	(108)	-	(140)	(8.7%)	1,472
	2017	4,924	106	(488)	-	(382)	(7.8%)	4,542
Private Passeng	er Total	7,219	81	(593)	-	(512)	(7.1%)	6,707
Non Private								
■ Passenger	prior	3	(1)	1	-	-	-	3
	2008	-	-	-	-	-	-	-
	2009	3	(1)	1	-	-	-	3
	2010	18	(4)	4	-	-	-	18
	2011	(3)	1	(1)	-	-	-	(3)
	2012	450	(90)	90	-	-	-	450
	2013	91	(1)	(12)	-	(13)	(14.3%)	78
	2014	258	(8)	104	-	96	37.2%	354
	2015	334	(27)	41	-	14	4.2%	348
	2016	937	(75)	55	-	(20)	(2.1%)	917
	2017	2,656	13	(216)	-	(203)	(7.6%)	2,453
Non Private Pas	senger Total	4,747	(193)	67	-	(126)	(2.7%)	4,621
Grand Total		11,966	(112)	(526)	-	(638)	(5.3%)	11,328



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

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ShareDate 201712

Jurisdiction Desc New Brunswi
AccountCode Des Undiscounted

IBNR Provisio
AccountCode (AII)

		Values				ı		I
Business Segment	AccYear	Sum of Prior Month Actual Amount	Sum of Projected Change	Sum of Change Due to AvsP Variances	Sum of Change Due to Valuation Implementation	Sum of Total Change	Sum of % Total Change	Sum of Current Month Final Amount
Private								
■ Passenger	prior	35	-	-	-	-	-	35
	2008	13	(1)	1	-	-	-	13
	2009	15	(1)	1	-	-	-	15
	2010	101	(5)	5	-	-	-	101
	2011	128	(6)	(103)	-	(109)	(85.2%)	19
	2012	133	(7)	7	-	-	-	133
	2013	(21)	-	7	-	7	(33.3%)	(14)
	2014	76	(1)	(178)	-	(179)	(235.5%)	(103)
	2015	(530)	48	(64)	-	(16)	3.0%	(546)
	2016	1,196	(108)	277	-	169	14.1%	1,365
	2017	3,293	304	(451)	-	(147)	(4.5%)	3,146
Private Passeng	er Total	4,439	223	(498)	-	(275)	(6.2%)	4,164
Non Private								
■ Passenger	prior	(2)	-	17	-	17	(850.0%)	15
	2008	(2)	-	-	-	-	-	(2)
	2009	(4)	-	-	-	-	-	(4)
	2010	11	(1)	1	-	-	-	11
	2011	10	(1)	40	-	39	390.0%	49
	2012	55	(3)	18	-	15	27.3%	70
	2013	(54)	1	(615)	-	(614)	1,137.0%	(668)
	2014	350	(4)	(73)	-	(77)	(22.0%)	273
	2015	358	(11)	13	-	2	0.6%	360
	2016	730	(22)	28	-	6	0.8%	736
	2017	1,553	107	828	-	935	60.2%	2,488
Non Private Pas	senger Total	3,005	66	257	-	323	10.7%	3,328
Grand Total		7,444	289	(241)	-	48	0.6%	7,492



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

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ShareDate	201712	Ţ
Jurisdiction Desc	Nova Scotia	Ţ
AccountCode De:	S Undiscounte	d
	IBNR Provision	Ψ,
AccountCode	(AII)	~

		Values						I
Business Segment	AccYear	Sum of Prior Month Actual Amount	Sum of Projected Change	Sum of Change Due to AvsP Variances	Sum of Change Due to Valuation Implementation	Sum of Total Change	Sum of % Total Change	Sum of Current Month Final Amount
Private								
■ Passenger	prior	(13)	-	1	-	1	(7.7%)	(12)
	2008	(10)	1	(1)	-	-	-	(10)
	2009	(43)	2	(2)	-	-	-	(43)
	2010	2	-	-	-	-	-	2
	2011	(90)	5	(5)	-	-	-	(90)
	2012	(44)	2	(2)	-	-	-	(44)
	2013	(1)	-	-	-	-	-	(1)
	2014	23	(1)	3	-	2	8.7%	25
	2015	355	(4)	(147)	-	(151)	(42.5%)	204
	2016	970	(87)	102	-	15	1.5%	985
	2017	1,757	191	(336)	-	(145)	(8.3%)	1,612
Private Passenge	er Total	2,906	109	(387)	-	(278)	(9.6%)	2,628
Non Private								
■ Passenger	prior	6	-	-	-	-	-	6
	2008	5	-	-	-	-	-	5
	2009	(6)	-	-	-	-	-	(6)
	2010	2	-	108	-	108	5,400.0%	110
	2011	(63)	5	(5)	-	-	-	(63)
	2012	8	(1)	1	-	-	-	8
	2013	280	(3)	32	-	29	10.4%	309
	2014	56	(4)	(170)	-	(174)	(310.7%)	(118)
	2015	798	(16)	(124)	-	(140)	(17.5%)	658
	2016	1,770	(71)	3	-	(68)	(3.8%)	1,702
	2017	1,588	229	(270)	-	(41)	(2.6%)	1,547
Non Private Pass	enger Total	4,444	139	(425)	-	(286)	(6.4%)	4,158
Grand Total		7,350	248	(812)	-	(564)	(7.7%)	6,786



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

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ShareDate	201712	Ţ
	Prince Edwar	d
Jurisdiction Desc	Island	T.
AccountCode Des	Undiscounted	d
	IBNR Provisio	Ţ
AccountCode	(AII)	¥

		Values				ı		I
Business Segment	AccYear	Sum of Prior Month Actual Amount	Sum of Projected Change	Sum of Change Due to AvsP Variances	Sum of Change Due to Valuation Implementation	Sum of Total Change	Sum of % Total Change	Sum of Current Month Final Amount
Private								
■ Passenger	prior	(4)	-	-	-	-	-	(4)
	2008	(1)	-	-	-	-	-	(1)
	2009	-	-	-	-	-	-	-
	2010	(1)	-	-	-	-	-	(1)
	2011	(181)	2	(2)	-	-	-	(181)
	2012	2	-	-	-	-	-	2
	2013	10	-	-	-	-	-	10
	2014	60	(1)	1	-	-	-	60
	2015	197	(12)	22	-	10	5.1%	207
	2016	291	(3)	10	-	7	2.4%	298
	2017	485	-	(104)	-	(104)	(21.4%)	381
Private Passenge	er Total	858	(14)	(73)	-	(87)	(10.1%)	771
Non Private								
■ Passenger	prior	(1)	-	-	-	-	-	(1)
	2008	-	-	-	-	-	-	-
	2009	-	-	-	-	-	-	-
	2010	-	-	-	-	-	-	-
	2011	1	-	-	-	-	-	1
	2012	1	-	-	-	-	-	1
	2013	19	-	-	-	-	-	19
	2014	97	(1)	(28)	-	(29)	(29.9%)	68
	2015	259	(83)	30	-	(53)	(20.5%)	206
	2016	(1)	-	72	-	72	(7,200.0%)	71
	2017	614	36	(2)	-	34	5.5%	648
Non Private Pass	enger Total	989	(48)	72	-	24	2.4%	1,013
Grand Total		1,847	(62)	(1)	-	(63)	(3.4%)	1,784



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

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ShareDate 201712 Jurisdiction Desc Ontario
AccountCode Des Undiscounted
IBNR Provisio
AccountCode (AII)

		Values						I
Business Segment	AccYear	Sum of Prior Month Actual Amount	Sum of Projected Change	Sum of Change Due to AvsP Variances	Sum of Change Due to Valuation Implementation	Sum of Total Change	Sum of % Total Change	Sum of Current Month Final Amount
Private								
■ Passenger	prior	2,188	(22)	557	-	535	24.5%	2,723
	2008	633	(6)	10	-	4	0.6%	637
	2009	465	(5)	9	-	4	0.9%	469
	2010	326	(3)	146	-	143	43.9%	469
	2011	(217)	2	26	-	28	(12.9%)	(189)
	2012	(468)	5	31	-	36	(7.7%)	(432)
	2013	160	(2)	80	-	78	48.8%	238
	2014	349	(94)	113	-	19	5.4%	368
	2015	743	(37)	51	-	14	1.9%	757
	2016	1,614	(16)	15	-	(1)	(0.1%)	1,613
	2017	2,626	233	(47)	-	186	7.1%	2,812
Private Passenge	er Total	8,419	55	991	-	1,046	12.4%	9,465
Non Private								
■ Passenger	prior	(48)	7	37	-	44	(91.7%)	(4)
	2008	25	(4)	39	-	35	140.0%	60
	2009	48	(7)	22	-	15	31.3%	63
	2010	156	(23)	23	-	-	-	156
	2011	174	(26)	109	-	83	47.7%	257
	2012	(389)	58	212	-	270	(69.4%)	(119)
	2013	556	(6)	(320)	-	(326)	(58.6%)	230
	2014	1,496	(135)	160	-	25	1.7%	1,521
	2015	1,672	(17)	(96)	-	(113)	(6.8%)	1,559
	2016	4,339	(43)	(87)	-	(130)	(3.0%)	4,209
	2017	9,110	359	543	-	902	9.9%	10,012
Non Private Pass	senger Total	17,139	163	642	-	805	4.7%	17,944
Grand Total		25,558	218	1,633	-	1,851	7.2%	27,409



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

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ShareDate	201712	Ţ,
Jurisdiction Desc	Alberta	Ţ
AccountCode Des	Undiscounte	d
	IBNR Provisio	Ţ
AccountCode	(AII)	w

		Values				ı		I
Business Segment	AccYear	Sum of Prior Month Actual Amount	Sum of Projected Change	Sum of Change Due to AvsP Variances	Sum of Change Due to Valuation Implementation	Sum of Total Change	Sum of % Total Change	Sum of Current Month Final Amount
Private								
■ Passenger	prior	(48)	7	(7)	-	-	-	(48)
	2008	(112)	17	(55)	-	(38)	33.9%	(150)
	2009	29	(4)	4	-	-	-	29
	2010	(54)	8	(8)	-	-	-	(54)
	2011	117	(18)	18	-	-	-	117
	2012	231	(35)	(207)	-	(242)	(104.8%)	(11)
	2013	411	(70)	69	-	(1)	(0.2%)	410
	2014	658	(26)	144	-	118	17.9%	776
	2015	948	(47)	780	-	733	77.3%	1,681
	2016	1,290	(52)	80	-	28	2.2%	1,318
	2017	1,907	149	(89)	-	60	3.1%	1,967
Private Passenge	er Total	5,377	(71)	729	=	658	12.2%	6,035
Non Private								
■ Passenger	prior	37	(25)	341	-	316	854.1%	353
	2008	(7)	5	29	-	34	(485.7%)	27
	2009	19	(13)	(14)	-	(27)	(142.1%)	(8)
	2010	65	(45)	45	-	-	-	65
	2011	(422)	291	(354)	-	(63)	14.9%	(485)
	2012	106	(73)	352	-	279	263.2%	385
	2013	562	(90)	(158)	-	(248)	(44.1%)	314
	2014	1,241	(74)	753	-	679	54.7%	1,920
	2015	2,345	(164)	294	-	130	5.5%	2,475
	2016	4,597	(414)	417	-	3	0.1%	4,600
	2017	9,286	(380)	282	-	(98)	(1.1%)	9,188
Non Private Pass	senger Total	17,829	(982)	1,987	-	1,005	5.6%	18,834
Grand Total		23,206	(1,053)	2,716	-	1,663	7.2%	24,869



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

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ShareDate	201712	T.
Jurisdiction Desc	Yukon	Ţ,
AccountCode Des	Undiscounted	t
	IBNR Provisio	Ţ
AccountCode	(AII)	₩.

		Values				ı		ı
Business Segment	AccYear	Sum of Prior Month Actual Amount	Sum of Projected Change	Sum of Change Due to AvsP Variances	Sum of Change Due to Valuation Implementation	Sum of Total Change	Sum of % Total Change	Sum of Current Month Final Amount
Private								
■ Passenger	prior	5	-	-	-	-	-	5
	2008	(1)	-	-	-	-	-	(1)
	2009	5	-	-	-	-	-	5
	2010	6	-	-	-	-	-	6
	2011	11	-	-	-	-	-	11
	2012	20	-	-	-	-	-	20
	2013	35	-	-	-	-	-	35
	2014	67	(1)	1	-	-	-	67
	2015	109	(1)	1	-	-	-	109
	2016	288	(3)	(10)	-	(13)	(4.5%)	275
	2017	202	2	(61)	-	(59)	(29.2%)	143
Private Passen	ger Total	747	(3)	(69)	-	(72)	(9.6%)	675
Non Private								
■ Passenger	prior	1	-	-	-	-	-	1
	2008	1	-	-	-	-	-	1
	2009	-	-	-	-	-	-	-
	2010	-	-	-	-	-	-	-
	2011	4	-	-	-	-	-	4
	2012	10	-	-	-	-	-	10
	2013	9	-	-	-	-	-	9
	2014	50	(1)	1	-	-	-	50
	2015	73	(1)	1	-	-	-	73
	2016	90	(1)	(74)	-	(75)	(83.3%)	15
	2017	172	33	(5)	-	28	16.3%	200
Non Private Pa	ssenger Total	410	30	(77)	-	(47)	(11.5%)	363
Grand Total		1,157	27	(146)	-	(119)	(10.3%)	1,038



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

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ShareDate	201712
	Northwest
Jurisdiction Desc	Territories <a>T
AccountCode De:	Undiscounted
	IBNR Provisio 🕶
AccountCode	(AII)

		Values						I
Business Segment	AccYear	Sum of Prior Month Actual Amount	Sum of Projected Change	Sum of Change Due to AvsP Variances	Sum of Change Due to Valuation Implementation	Sum of Total Change	Sum of % Total Change	Sum of Current Month Final Amount
Private								
■ Passenger	prior	(5)	-	-	-	-	-	(5)
	2008	3	-	-	-	-	-	3
	2009	28	-	-	-	-	-	28
	2010	4	-	-	-	-	-	4
	2011	7	-	-	-	-	-	7
	2012	25	-	-	-	-	-	25
	2013	54	(1)	1	-	-	-	54
	2014	(221)	155	(101)	-	54	(24.4%)	(167)
	2015	232	(88)	88	-	-	-	232
	2016	381	(191)	191	-	-	-	381
	2017	354	42	(43)	-	(1)	(0.3%)	353
Private Passenge	er Total	862	(83)	136	-	53	6.1%	915
Non Private								
■ Passenger	prior	2	-	-	-	-	-	2
	2008	-	-	-	-	-	-	-
	2009	-	-	-	-	-	-	-
	2010	1	-	-	-	-	-	1
	2011	-	-	-	-	-	-	-
	2012	-	-	-	-	-	-	-
	2013	17	-	-	-	-	-	17
	2014	18	-	-	-	-	-	18
	2015	63	(1)	1	-	-	-	63
	2016	245	(2)	(2)	-	(4)	(1.6%)	241
	2017	21	93	11	-	104	495.2%	125
Non Private Pass	senger Total	367	90	10	-	100	27.2%	467
Grand Total		1,229	7	146	-	153	12.4%	1,382



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

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ShareDate	201712	Ţ,
Jurisdiction Desc	Nunavut	Ţ
AccountCode Des	Undiscounted	d
	IBNR Provisio	Ţ
AccountCode	(AII)	w

		Values				ı		ı
Business Segment	AccYear	Sum of Prior Month Actual Amount	Sum of Projected Change	Sum of Change Due to AvsP Variances	Sum of Change Due to Valuation Implementation	Sum of Total Change	Sum of % Total Change	Sum of Current Month Final Amount
Private								
■ Passenger	prior	(2)	-	-	-	-	-	(2)
	2008	1	-	-	-	-	-	1
	2009	-	-	-	-	-	-	-
	2010	3	-	-	-	-	-	3
	2011	4	-	-	-	-	-	4
	2012	7	-	-	-	-	-	7
	2013	11	-	-	-	-	-	11
	2014	20	-	-	-	-	-	20
	2015	80	(1)	1	-	-	-	80
	2016	100	(1)	1	-	-	-	100
	2017	85	1	(7)	-	(6)	(7.1%)	79
Private Passen	ger Total	309	(1)	(5)	-	(6)	(1.9%)	303
Non Private								
■ Passenger	prior	-	-	-	-	-	-	-
	2008	-	-	-	-	-	-	-
	2009	-	-	-	-	-	-	-
	2010	-	-	-	-	-	-	-
	2011	-	-	-	-	-	-	-
	2012	-	-	-	-	-	-	-
	2013	7	-	-	-	-	-	7
	2014	16	-	-	-	-	-	16
	2015	88	(1)	1	-	-	-	88
	2016	156	(2)	2	-	-	-	156
	2017	274	20	(8)	-	12	4.4%	286
Non Private Pa	ssenger Total	541	17	(5)	-	12	2.2%	553
Grand Total		850	16	(10)	-	6	0.7%	856



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

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ShareDate	201712	T.
Jurisdiction Desc	(AII)	~
AccountCode Des	Undiscounted	t
	IBNR Provisio	Ţ
AccountCode	(AII)	w

		Values						I
Business Segment	AccYear	Sum of Prior Month Actual Amount	Sum of Projected Change	Sum of Change Due to AvsP Variances	Sum of Change Due to Valuation Implementation	Sum of Total Change	Sum of % Total Change	Sum of Current Month Final Amount
Private								
■ Passenger	prior	2,137	(13)	549	-	536	25.1%	2,673
	2008	530	11	(45)	-	(34)	(6.4%)	496
	2009	546	(12)	36	-	24	4.4%	570
	2010	381	1	142	-	143	37.5%	524
	2011	(182)	(19)	(62)	-	(81)	44.5%	(263)
	2012	(281)	(18)	(188)	-	(206)	73.3%	(487)
	2013	634	(70)	139	-	69	10.9%	703
	2014	1,224	29	(20)	-	9	0.7%	1,233
	2015	2,772	(148)	748	-	600	21.6%	3,372
	2016	7,742	(493)	558	-	65	0.8%	7,807
	2017	15,633	1,028	(1,626)	-	(598)	(3.8%)	15,035
Private Passenge	er Total	31,136	296	231	-	527	1.7%	31,663
Non Private								
■ Passenger	prior	(2)	(19)	396	-	377	(18,850.0%)	375
	2008	22	1	68	-	69	313.6%	91
	2009	60	(21)	9	-	(12)	(20.0%)	48
	2010	253	(73)	181	-	108	42.7%	361
	2011	(299)	270	(211)	-	59	(19.7%)	(240)
	2012	241	(109)	673	-	564	234.0%	805
	2013	1,487	(99)	(1,073)	-	(1,172)	(78.8%)	315
	2014	3,582	(227)	747	-	520	14.5%	4,102
	2015	5,990	(321)	161	-	(160)	(2.7%)	5,830
	2016	12,863	(630)	414	-	(216)	(1.7%)	12,647
	2017	25,274	510	1,163	-	1,673	6.6%	26,947
Non Private Pass	senger Total	49,471	(718)	2,528	-	1,810	3.7%	51,281
Grand Total		80,607	(422)	2,759	-	2,337	2.9%	82,944



Projected Year-end Policy Liabilities

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

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Newfoundland & Labrador

PPV & non-PPV	Newfoundland & Labrador - Projected Balances as at Dec. 31, 2018 (\$000s)											
ending 2018		nomina	l values		actuar	actuarial present value adjustments (apvs)						
Acc Yr	Case	IBNR	Retro Claims Fee & Expense	Total Unpaid	discount	investment PfAD	development PfAD	Total apvs	TOTAL			
prior	(3)	(6)	-	(9)	-	-	2	2	(7			
1999	3	2	-	5	-	-	-	-	5			
2000	(2)	(1)	-	(3)	-	-	-	-	(3			
2001	(3)	-	(6)	(9)	-	-	1	1	(8			
2002	-	1	-	1	-	-	-	-	1			
2003	-	-	1	1	-	-	-	-	1			
2004	(6)	(4)	-	(10)	-	-	1	1	(9			
2005	2	3	23	28	-	-	3	3	31			
2006	-	4	13	17	-	-	1	1	18			
2007	164	(2)	-	162	-	-	16	16	178			
2008	150	1	6	157	(9)	1	14	6	163			
2009	98	19	74	191	(22)	3	16	(3)	188			
2010	184	14	123	321	(14)	2	30	18	339			
2011	897	7	116	1,020	(64)	8	96	40	1,060			
2012	2,180	318	172	2,670	(173)	21	250	98	2,768			
2013	2,397	50	146	2,593	(122)	14	289	181	2,774			
2014	4,310	355	161	4,826	(200)	27	534	361	5,187			
2015	5,694	377	276	6,347	(244)	33	665	454	6,801			
2016	8,638	763	398	9,799	(355)	42	1,018	705	10,504			
2017	9,568	2,404	269	12,241	(484)	65	1,304	885	13,126			
PAYs (sub-total):	34,271	4,305	1,772	40,348	(1,687)	216	4,240	2,769	43,117			
CAY (2018)	14,077	3,456	596	18,129	(782)	104	1,871	1,193	19,322			
claims liabilities:	48,348	7,761	2,368	58,477	(2,469)	320	6,111	3,962	62,439			
	Unearned Premium	Premium Defiency / (DPAC)		Total Provision	discount	investment PfAD	development PfAD	Total apvs	TOTAL*			
premium liabilities:	15,491	(790)		14,701	(526)	64	1,188	726	15,369			
						*Total may not	be sum of parts, as	apvs apply to future	e costs within UP			
policy liabilities:				73,178	(2,995)	384	7,299	4,688	77,808			



Projected Year-end Policy Liabilities

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

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New Brunswick

PPV & non-PPV	New Brunswick - Projected Balances as at Dec. 31, 2018 (\$000s)										
ending 2018		nomina	l values		actuar	actuarial present value adjustments (apvs)					
Acc Yr	Case	IBNR	Retro Claims Fee & Expense	Total Unpaid	discount	investment PfAD	development PfAD	Total apvs	TOTAL		
prior	2	8	-	10	-	-	2	2	12		
1999	-	1	-	1	-	-	-	-	1		
2000	-	1	-	1	-	-	-	-	1		
2001	-	(1)	-	(1)	-	-	-	-	(1)		
2002	(1)	(3)	(1)	(5)	-	-	2	2	(3)		
2003	186	(9)	3	180	-	-	18	18	198		
2004	1	7	1	9	-	-	1	1	10		
2005	69	2	28	99	-	-	10	10	109		
2006	90	23	46	159	(12)	1	14	3	162		
2007	2	10	13	25	(1)	-	3	2	27		
2008	58	6	80	144	(4)	-	15	11	155		
2009	390	5	109	504	(36)	5	48	17	521		
2010	521	69	137	727	(37)	4	70	37	764		
2011	530	51	80	661	(28)	3	64	39	700		
2012	1,209	126	181	1,516	(69)	10	145	86	1,602		
2013	4,896	(500)	360	4,756	(140)	17	492	369	5,125		
2014	3,389	48	351	3,788	(100)	11	378	289	4,077		
2015	4,987	(193)	219	5,013	(154)	20	607	473	5,486		
2016	3,912	1,436	366	5,714	(211)	24		511	6,225		
2017	3,376	3,550	223	7,149	(341)	44		567	7,716		
PAYs (sub-total):	23,617	4,637	2,196	30,450	(1,133)	139	3,431	2,437	32,887		
CAY (2018)	4,421	4,783	147	9,351	(516)	66	1,137	687	10,038		
claims liabilities:	28,038	9,420	2,343	39,801	(1,649)	205	4,568	3,124	42,925		
	Unearned Premium	Premium Defiency / (DPAC)		Total Provision	discount	investment PfAD	development PfAD	Total apvs	TOTAL*		
premium liabilities:	10,349	(984)		9,365	(308)	40	267	(1)	9,365		
						*Total may not	be sum of parts, as	apvs apply to future	costs within UPR		
policy liabilities:				49,166	(1,957)	245	4,835	3,123	52,290		



Projected Year-end Policy Liabilities

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

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Nova Scotia

PPV & non-PPV	Nova Scotia - Projected Balances as at Dec. 31, 2018 (\$000s)										
ending 2018		nomina	al values		actuar	actuarial present value adjustments (apvs)					
Acc Yr	Case	IBNR	Retro Claims Fee & Expense	Total Unpaid	discount	investment PfAD	development PfAD	Total apvs	TOTAL		
prior	(1)	8	(1)	6	-	-	2	2	8		
1999	-	(1)	-	(1)	-	-	-	-	(1)		
2000	-	1	-	1	-	-	-	-	1		
2001	-	4	-	4	-	-	-	-	4		
2002	-	11	11	22	-	-	2	2	24		
2003	(1)	(13)	26	12	-	-	3	3	15		
2004	13	6	12	31	(2)	-	2	-	31		
2005	68	(6)	72	134	(12)	2	12	2	136		
2006	60	9	76	145	(7)	1	14	8	153		
2007	119	(18)	116	217	(2)	-	22	20	237		
2008	86	(5)	122	203	(14)	1	19	6	209		
2009	184	(33)		155	(10)	1	16	7	162		
2010	145	49	114	308	(10)	1	31	22	330		
2011	153	(87)	145	211	(18)	2	20	4	215		
2012	499	(26)		627	(41)	6		23	650		
2013	2,486	133	217	2,836	(159)	20	298	159	2,995		
2014	2,572	(57)	220	2,735	(126)	16	329	219	2,954		
2015	1,886	585	171	2,642	(106)	14		245	2,887		
2016	2,916	1,529	121	4,566	(203)	26		395	4,961		
2017	4,265	1,806	182	6,253	(299)	38		493	6,746		
PAYs (sub-total):	15,450	3,895	1,762	21,107	(1,009)	128	2,491	1,610	22,717		
CAY (2018)	4,115	4,397	212	8,724	(440)	57	1,045	662	9,386		
claims liabilities:	19,565	8,292	1,974	29,831	(1,449)	185	3,536	2,272	32,103		
	Unearned Premium	Premium Defiency / (DPAC)		Total Provision	discount	investment PfAD	development PfAD	Total apvs	TOTAL*		
premium liabilities:	9,245	(827)		8,418	(276)	33	228	(15)	8,590		
						*Total may not	be sum of parts, as	apvs apply to futur	e costs within UPR		
policy liabilities:				38,249	(1,725)	218	3,764	2,257	40,693		



Projected Year-end Policy Liabilities

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

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Prince Edward Island

PPV & non-PPV	Prince Edward Island - Projected Balances as at Dec. 31, 2018 (\$000s)										
ending 2018		nomina	l values		actuar	actuarial present value adjustments (apvs)					
Acc Yr	Case	IBNR	Retro Claims Fee & Expense	Total Unpaid	discount	investment PfAD	development PfAD	Total apvs	TOTAL		
prior	-	-	-	-	-	-	-	-	-		
1999	-	(1)	-	(1)	-	-	-	-	(1		
2000	-	(1)	-	(1)	-	-	-	-	(1		
2001	-	-	-	-	-	-	-	-	-		
2002	-	-	-	-	-	-	-	-	-		
2003	-	(2)	-	(2)	-	-	-	-	(2		
2004	-	4	-	4	-	-	-	-	4		
2005	-	(4)	-	(4)	-	-	-	-	(4		
2006	-	-	-	-	-	-	-	_	-		
2007	-	(1)	-	(1)	-	-	-	-	(1		
2008	-	(1)		16	-	-	2	2	18		
2009	-	- '	24	24	-	-	3	3	27		
2010	410	(1)	31	440	-	-	44	44	484		
2011	-	(156)		(116)	5	(1)		23	(93		
2012	304	3	43	350	(1)	- '	35	34	384		
2013	13	29	41	83	(8)	-	8	-	83		
2014	405	105	61	571	(28)	3	58	33	604		
2015	984	365	49	1,398	(69)	8	146	85	1,483		
2016	1,660	262	105	2,027	(92)	11	237	156	2,183		
2017	528	693	52	1,273	(57)	6	155	104	1,377		
PAYs (sub-total):	4,304	1,294	463	6,061	(250)	27	707	484	6,545		
CAY (2018)	897	753	(21)	1,629	(74)	11	210	147	1,776		
claims liabilities:	5,201	2,047	442	7,690	(324)	38	917	631	8,321		
	Unearned Premium	Premium Defiency / (DPAC)		Total Provision	discount	investment PfAD	development PfAD	Total apvs	TOTAL*		
premium liabilities:	2,218	(213)		2,005	(48)	5	41	(2)	2,005		
						*Total may not	be sum of parts, as	apvs apply to future	costs within UPF		
policy liabilities:				9,695	(372)	43	958	629	10,326		



Projected Year-end Policy Liabilities

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

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Ontario

PPV & non-PPV	Ontario - Projected Balances as at Dec. 31, 2018 (\$000s)										
ending 2018		nomina	l values		actuar						
Acc Yr	Case	IBNR	Retro Claims Fee & Expense	Total Unpaid	discount	investment PfAD	development PfAD	Total apvs	TOTAL		
prior	4,857	(36)	(4)	4,817	(18)	3	493	478	5,295		
1999	-	1	-	1	-	-	-	-	1		
2000	5	8	3	16	-	-	1	1	17		
2001	(3)	3	45	45	-	-	6	6	51		
2002	449	(3)	164	610	-	-	62	62	672		
2003	2,329	81	890	3,300	(249)	32	307	90	3,390		
2004	1,123	124	1,028	2,275	(175)	23	209	57	2,332		
2005	1,187	(85)	273	1,375	(132)	17	123	8	1,383		
2006	934	287	297	1,518	(154)	19	144	9	1,527		
2007	2,743	1,278	521	4,542	(502)	64	403	(35)	4,507		
2008	473	398	567	1,438	(167)	22	128	(17)	1,421		
2009	2,465	294	712	3,471	(361)	46	312	(3)	3,468		
2010	1,300	308	866	2,474	(234)	31	224	21	2,495		
2011	3,899	(79)	1,088	4,908	(407)	52	449	94	5,002		
2012	2,955	(279)	1,151	3,827	(309)	40	352	83	3,910		
2013	6,829	179	1,113	8,121	(433)	57	842	466	8,587		
2014	6,952	942	1,148	9,042	(486)	58	1,180	752	9,794		
2015	8,803	1,425	1,235	11,463	(445)	51	1,458	1,064	12,527		
2016	8,103	2,926	1,136	12,165	(504)	63	1,906	1,465	13,630		
2017	5,636	8,768	1,251	15,655	(787)	97	2,299	1,609	17,264		
PAYs (sub-total):	61,039	16,540	13,484	91,063	(5,363)	675	10,898	6,210	97,273		
CAY (2018)	7,361	13,690	1,280	22,331	(1,277)	158	3,389	2,270	24,601		
claims liabilities:	68,400	30,230	14,764	113,394	(6,640)	833	14,287	8,480	121,874		
	Unearned Premium	Premium Defiency / (DPAC)		Total Provision	discount	investment PfAD	development PfAD	Total apvs	TOTAL*		
premium liabilities:	25,859	(1,566)		24,293	(869)	111	532	(226)	24,293		
						*Total may not	be sum of parts, as	apvs apply to futu	re costs within UPR		
policy liabilities:				137,687	(7,509)	944	14,819	8,254	146,167		



Projected Year-end Policy Liabilities

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

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Alberta

PPV & non-PPV	Alberta - Projected Balances as at Dec. 31, 2018 (\$000s)										
ending 2018		nomina	l values		actuar						
Acc Yr	Case	IBNR	Retro Claims Fee & Expense	Total Unpaid	discount	investment PfAD	development PfAD	Total apvs	TOTAL		
prior	12	2	(2)	12	-	-	13	13	25		
1999	5	4	1	10	-	-	1	1	11		
2000	(5)	(6)	3	(8)	-	-	1	1	(7)		
2001	14	5	11	30	-	-	3	3	33		
2002	(1)	(5)	21	15	-	-	3	3	18		
2003	54	(11)	35	78	-	-	8	8	86		
2004	740	(14)	51	777	(70)	8	70	8	785		
2005	73	8	52	133	(13)	1	14	2	135		
2006	237	32	4	273	(28)	4	24	-	273		
2007	51	(5)	352	398	(3)	-	42	39	437		
2008	744	(53)	447	1,138	(100)	13	124	37	1,175		
2009	119	10	248	377	(44)	5	34	(5)	372		
2010	361	(15)	202	548	(38)	5	52	19	567		
2011	1,749	5	293	2,047	(128)	15	191	78	2,125		
2012	1,969	27	340	2,336	(126)	15	221	110	2,446		
2013	5,328	175	406	5,909	(186)	24	572	410	6,319		
2014	6,047	1,853	414	8,314	(331)	44	787	500	8,814		
2015	9,576	2,452	402	12,430	(574)	74	1,620	1,120	13,550		
2016	9,781	3,135	515	13,431	(662)	79	1,727	1,144	14,575		
2017	6,312	6,007	306	12,625	(691)	91	1,331	731	13,356		
PAYs (sub-total):	43,166	13,606	4,101	60,873	(2,994)	378	6,838	4,222	65,095		
CAY (2018)	8,613	10,554	(196)	18,971	(955)	135	2,088	1,268	20,239		
claims liabilities:	51,779	24,160	3,905	79,844	(3,949)	513	8,926	5,490	85,334		
	Unearned Premium	Premium Defiency / (DPAC)		Total Provision	discount	investment PfAD	development PfAD	Total apvs	TOTAL*		
premium liabilities:	27,730	(2,399)		25,331	(672)	81	(587)	(1,178)	25,331		
						*Total may not	be sum of parts, as	apvs apply to future	e costs within UPR		
policy liabilities:				105,175	(4,621)	594	8,339	4,312	110,665		



Projected Year-end Policy Liabilities

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

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Yukon

PPV & non-PPV	Yukon - Projected Balances as at Dec. 31, 2018 (\$000s)										
ending 2018		nomina	l values		actuar						
Acc Yr	Case	IBNR	Retro Claims Fee & Expense	Total Unpaid	discount	investment PfAD	development PfAD	Total apvs	TOTAL		
prior	-	3	-	3	-	-	-	-	3		
1999	-	1	-	1	-	-	-	-	1		
2000	-	-	-	-	-	-	-	-	-		
2001	-	1	-	1	-	-	-	-	1		
2002	-	-	-	-	-	-	-	-	-		
2003	-	1	-	1	-	-	-	-	1		
2004	-	-	-	-	-	-	-	-	-		
2005	-	-	-	-	-	-	-	-	-		
2006	-	-	11	11	-	-	1	1	12		
2007	-	-	5	5	-	-	-	-	5		
2008	-	-	5	5	-	-	-	-	5		
2009	-	5	6	11	-	-	1	1	12		
2010	67	6	8	81	(4)	1	7	4	85		
2011	-	15	10	25	(1)	-	2	1	26		
2012	82	30	13	125	(6)	1	13	8	133		
2013	-	44	(12)	32	(1)	-	7	6	38		
2014	-	104	14	118	(4)	-	13	9	127		
2015	1,251	158	14	1,423	(66)	9	185	128	1,551		
2016	198	257	21	476	(22)	2	59	39	515		
2017	280	177	12	469	(25)	3	53	31	500		
PAYs (sub-total):	1,878	802	107	2,787	(129)	16	341	228	3,015		
CAY (2018)	300	514	(17)	797_	(38)	6	95	63_	860		
claims liabilities:	2,178	1,316	90	3,584	(167)	22	436	291	3,875		
	Unearned Premium	Premium Defiency / (DPAC)		Total Provision	discount	investment PfAD	development PfAD	Total apvs	TOTAL*		
premium liabilities:	854	(75)		779	(25)	3	(7)	(29)	779		
						*Total may not	be sum of parts, as	apvs apply to futu	re costs within UPF		
policy liabilities:				4,363	(192)	25	429	262	4,654		



Projected Year-end Policy Liabilities

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

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Northwest Territories

PPV & non-PPV	Northwest Territories - Projected Balances as at Dec. 31, 2018 (\$000s)										
ending 2018		nomina	al values		actuarial present value adjustments (apvs)						
Acc Yr	Case	IBNR	Retro Claims Fee & Expense	Total Unpaid	discount	investment PfAD	development PfAD	Total apvs	TOTAL		
prior	-	1	-	1	-	-	-	-			
1999	-	2	-	2	-	-	-	-			
2000	-	(1)	-	(1)	-	-	-	-	(:		
2001	-	1	-	1	-	-	-	-			
2002	-	1	-	1	-	-	-	-	:		
2003	-	-	-	-	-	-	-	-	-		
2004	-	(2)	-	(2)	-	-	-	-	(:		
2005	-	-	-	-	-	-	-	-	-		
2006	-	(2)	-	(2)	-	-	-	-	(:		
2007	-	(3)		6	-	-	1	1			
2008	-	3	13	16	-	-	1	1	1		
2009	-	28	17	45	-	-	4	4	49		
2010	-	5	22	27	(1)	-	3	2	25		
2011	-	7	27	34	(1)	-	4	3	3:		
2012	22	25	32	79	(3)	-	8	5	84		
2013	463	66	34	563	(24)	2	55	33	590		
2014	2,044	(128)	34	1,950	(85)	10	204	129	2,079		
2015	148	119	33	300	(13)	1	36	24	324		
2016	63	515	7	585	(30)	5	73	48	633		
2017	1,218	185	28	1,431	(70)	8		119	1,550		
PAYs (sub-total):	3,958	822	256	5,036	(227)	26	570	369	5,40		
CAY (2018)	841	675	(78)	1,438	(81)	10	189	118	1,550		
claims liabilities:	4,799	1,497	178	6,474	(308)	36	759	487	6,96		
	Unearned Premium	Premium Defiency / (DPAC)		Total Provision	discount	investment PfAD	development PfAD	Total apvs	TOTAL*		
premium liabilities:	1,816	(181)		1,635	(40)	5	28	(7)	1,63		
						*Total may not	be sum of parts, as	apvs apply to futur	e costs within UF		
policy liabilities:				8,109	(348)	41	787	480	8,590		



Projected Year-end Policy Liabilities

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

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Nunavut

PPV & non-PPV	Nunavut - Projected Balances as at Dec. 31, 2018 (\$000s)										
ending 2018		nomin	al values		actuar						
Acc Yr	Case	IBNR	Retro Claims Fee & Expense	Total Unpaid	discount	investment PfAD	development PfAD	Total apvs	TOTAL		
prior	-	-	-	-	-	-	-	-	-		
1999	-	-	-	-	-	-	-	-	-		
2000	-	-	-	-	-	-	-	-	-		
2001	-	(1)	-	(1)	-	-	-	-	(1		
2002	-	(1)	-	(1)	-	-	-	-	(1		
2003	-	-	-	-	-	-	-	-	-		
2004	-	-	-	-	-	-	-	-	-		
2005	-	-	-	-	-	-	-	-	-		
2006	-	-	-	-	-	-	-	-	-		
2007	-	-	-	-	-	-	-	-	-		
2008	-	1	2	3	-	-	-	-	3		
2009	-	-	3	3	-	-	-	-	3		
2010	-	3	7	10	-	-	-	-	10		
2011	-	4	9	13	-	-	1	1	14		
2012	142	7	11	160	(6)	1	16	11	171		
2013	-	18	(19)	(1)	-	-	4	4	3		
2014	-	36	(12)	24	(2)	-	6	4	28		
2015	22	144	10	176	(8)	1	21	14	190		
2016	95	228	3	326	(16)	3	40	27	353		
2017	56	279	7	342	(18)	3	41	26	368		
PAYs (sub-total):	315	718	21	1,054	(50)	8	129	87	1,141		
CAY (2018)	87	260	(23)	324_	(17)	2	43	28_	352		
claims liabilities:	402	978	(2)	1,378	(67)	10	172	115	1,493		
	Unearned Premium	Premium Defiency / (DPAC)		Total Provision	discount	investment PfAD	development PfAD	Total apvs	TOTAL*		
premium liabilities:	573	(50))	523	(14)	1	(13)	(26)	523		
						*Total may not	be sum of parts, as	apvs apply to futur	e costs within UPF		
policy liabilities:				1,901	(81)	11	159	89	2,016		



Projected Year-end Policy Liabilities

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

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All Jurisdictions

PPV & non-PPV	ALL JURISDICTIONS - Projected Balances as at Dec. 31, 2018 (\$000s)											
ending 2018		nomina	l values		actuar							
Acc Yr	Case	IBNR	Retro Claims Fee & Expense	Total Unpaid	discount	investment PfAD	development PfAD	Total apvs	TOTAL			
prior	4,867	(20)	(7)	4,840	(18)	3	512	497	5,337			
1999	8	9	1	18	-	-	1	1	19			
2000	(2)	1	6	5	-	-	2	2	7			
2001	8	12	50	70	-	-	10	10	80			
2002	447	1	195	643	-	-	69	69	712			
2003	2,568	47	955	3,570	(249)	32	336	119	3,689			
2004	1,871	121	1,092	3,084	(247)	31	283	67	3,151			
2005	1,399	(82)	448	1,765	(157)	20	162	25	1,790			
2006	1,321	353	447	2,121	(201)	25	198	22	2,143			
2007	3,079	1,259	1,016	5,354	(508)	64	487	43	5,397			
2008	1,511	350	1,259	3,120	(294)	37	303	46	3,166			
2009	3,256	328	1,197	4,781	(473)	60	434	21	4,802			
2010	2,988	438	1,510	4,936	(338)	44	461	167	5,103			
2011	7,228	(233)	1,808	8,803	(642)	79	846	283	9,086			
2012	9,362	231	2,097	11,690	(734)	94	1,098	458	12,148			
2013	22,412	194	2,286	24,892	(1,073)	134	2,567	1,628	26,520			
2014	25,719	3,258	2,391	31,368	(1,362)	169	3,489	2,296	33,664			
2015	33,351	5,432	2,409	41,192	(1,679)	211	5,075	3,607	44,799			
2016	35,366	11,051	2,672	49,089	(2,095)	255	6,330	4,490	53,579			
2017	31,239	23,869	2,330	57,438	(2,772)	355	6,982	4,565	62,003			
PAYs (sub-total):	187,998	46,619	24,162	258,779	(12,842)	1,613	29,645	18,416	277,195			
CAY (2018)	40,712	39,082	1,900	81,694	(4,180)	549	10,067	6,436	88,130			
claims liabilities:	228,710	85,701	26,062	340,473	(17,022)	2,162	39,712	24,852	365,325			
	Unearned Premium	Premium Defiency / (DPAC)		Total Provision	discount	investment PfAD	development PfAD	Total apvs	TOTAL*			
premium liabilities:	94,135	(7,085)		87,050	(2,778)	343	1,677	(758)	87,890			
					*Total	may not be sur	n of parts, as apv	s apply to future	costs within UPR			
policy liabilities:				427,523	(19,800)	2,505	41,389	24,094	453,215			