

# FACILITY ASSOCIATION RESIDUAL MARKET

# SEPTEMBER 2020 PARTICIPATION REPORT

# **ACTUARIAL HIGHLIGHTS**

Related Bulletin: F2020-083 FARM September 2020 Participation Report

Related Operating Results: Summary of Operations

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#### **ACTUARIAL HIGHLIGHTS**

#### **RESIDUAL MARKET**

#### **PARTICIPATION REPORT**

#### SEPTEMBER 2020

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#### 1 Summary

Key points related to this month's Highlights:

(a) The loss ratios currently being used include a review and assessment of the incurred impacts associated with the COVID-19 pandemic, with a further review and assessment to be included with the FARM 2020 Q3 actuarial valuation update (as at September 2020), which will be reflected in the October 2020 Participation Report.

#### **1.1** Valuation Schedule (Fiscal Year 2020)

The September 2020 Participation Report leverages actuarial assumptions consistent with last month (that is, it does not reflect the results of an updated valuation). The following table summarizes the implemented valuations for fiscal year 2020.

	FARM							
	FISCAL Y	EAR 2020 – SCHEDU	JLE OF VALUATIONS					
Valuation Date	Discount Rate (per annum)	Participation Report	Description of Changes					
Sep. 30, 2019 (completed)	1.46% mfad: 25 bp	Oct. 2019	updated valuation (roll forward): all jurisdictions; cash flow projections updated; discount rate updated; no changes to selected margins for adverse deviations (interest rate or claims development)					
Dec. 31, 2019 (completed)	1.64% mfad: 25 bp	Mar. 2020	updated valuation: all jurisdictions; cash flow projections updated; discount rate updated; no changes to selected margins for adverse deviations (interest rate or claims development).					
Mar. 31, 2020 (completed)	0.66% mfad: 25 bp	May 2020	updated valuation (partial roll forward): all jurisdictions; cash flow projections updated; discount rate updated; no changes to selected margins for adverse deviations (interest rate or claims development).					
Jun. 30, 2020 (completed)	0.27% mfad: 25 bp	Aug. 2020	update valuation: all jurisdictions; allowed claims expense ultimates updated; cash flow projections updated; discount rate updated; margins for adverse claims development updated (no change to mfad for interest rate).					
Sep. 30, 2020	% mfad: bp	Oct. 2020	updated valuation (roll forward)					

Under the proposed schedule for fiscal year 2020, the off-half valuation quarters ending March 31, 2020 and September 30, 2020 would not reflect a full valuation update of assumptions, but would rather roll-forward key assumptions from the previous valuation. 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

Mr. Cosimo Pantaleo of Ernst & Young LLP (EY) was appointed as Actuary by the FA Board at its



February 18, 2020 meeting.

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

#### **1.3** Consideration of Recent Legal Decisions and Changes in Legislation / Regulation<sup>1</sup>

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

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 (i.e. within the last five years) changes are provided below.

**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 July 4, 2015**. Bill 91 announced a number of amendments to regulations made under the Insurance Act, including updating the Catastrophic Impairment Definition and changes to the standard benefit level under the Statutory Accident Benefits Schedule (SABS); restrictions on insurance premium increases and lowering of the maximum interest rate charged on monthly auto insurance premium payments; and adjustments to reflect inflation in the associated tort deductible does not apply to reflect inflation (adjustments to reflect inflation in the associated tort deductible were undertaken via an update to regulation 461/96). On August 26, 2015, the Ontario government filed Ontario regulations 250/15 and 251/15 implementing reforms set out in Bill 91. With the **most recent** valuation (June 30, 2020), reform adjustments (originally introduced with the September 30, 2015 valuation) specifically related to changes to the SABS impacting the bodily injury and accident benefits coverages, were included with the updated industry trend analysis (completed using industry data as at July 30, 2019) and nominal valuation estimates, impacting the selection of ultimates.

In the Alberta Treasury Board and Finance Notice 04-2018 (Clarification of Minor Injury Regulation), dated May 17, 2018, the Alberta Superintendent of Insurance advised that clarifying amendments have been made to the definition of minor injuries under the Minor Injury Regulation (MIR). With the <u>most recent</u> valuation (June 30, 2020), reform adjustments related to changes in the definition of minor injuries under the MIR, were included with the updated industry trend analyses (completed using industry data as at July 30, 2019), impacting the selection of ultimates.

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

In Tomec v Economical Mutual Insurance Company (2019 ONCA 882), the Ontario Court of

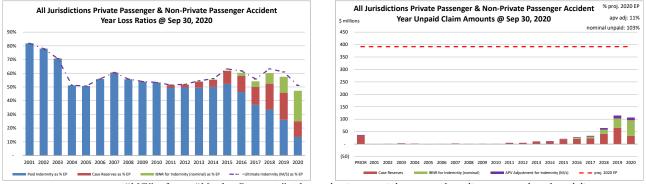
<sup>&</sup>lt;sup>1</sup>This url to a pdf is to a helpful guide on how bills become laws: https://www.ola.org/sites/default/files/common/how-bills-become-law-en.pdf.

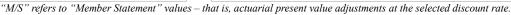


Appeal set aside the Divisional Court judicial review and decision of the Licence and Appeal Tribunal to deny enhanced housekeeping and attendant care benefits. The unanimous panel concluded that the rule of discoverability applied to s. 281.1(1) of the Insurance Act and to s. 51(1) of the old Statutory Accident Benefits Schedule such that the two-year limitation period to dispute benefits could not run before an insured was determined to be catastrophically impaired (CAT). On July 4<sup>th</sup>, 2020, the Supreme Court of Canada dismissed the insurer's application to appeal the Ontario Court of Appeal's decision in this matter. At the current time, no adjustments have been made to our valuation estimates as a result of this decision.

#### **1.4** Current Provision Summary

The following charts show the current levels of **indemnity only**<sup>2</sup> claims amounts booked by accident year<sup>3</sup>. The left chart displays life-to-date indemnity payments, case reserves, IBNR and the total including actuarial present value adjustments against accident year earned premium. The right chart shows the associated dollar amounts for the components of the unpaid claims liabilities and the current projected amount of 2020 full year earned premium (the red hash-mark line) to provide some perspective.





The current actuarial present value adjustments balance associated with indemnity (44.2 million – see following table) represents 11% of the earned premium projected for the full year 2020 (see the upper right corner of the preceding chart on the right). 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

<sup>3</sup>The 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".

<sup>&</sup>lt;sup>2</sup>Servicing Carriers for the FARM 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.

expenses match our current "retro claims" nominal liability estimate shown below, the associated \$6.7 million of actuarial present value adjustments would be released into future net operating results.

claim liabilities (\$000s)		
	amt	%
case	271,405	60.7%
ibnr	131,544	29.4%
M/S apv adj	44,249	9.9%
M/S indemnity	447,198	100.0%
retro claims	28,768	
retro apv adj	6,666	
M/S total	482,632	

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 2 on page 4) and the actuarial present value adjustment associated with this latter provision is presented in the "retro apv adj" row.

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

premium liabilities (\$	000s)		policy liabilities (\$000s)				
	amt	%		amt	%		
unearned prem	210,934	108.3%	claim	431,717	63.7%		
prem def/(dpac)	(16,099)	(8.3%)	premium	194,835	28.8%		
M/S apv adjust.	-	-	M/S apv adjust.	50,915	7.5%		
M/S total	194,835	100.0%	M/S total	677,467	100.0%		

policy liabilities (\$000s)

M/S total by juris (rounded at juris level							
 Ontario	264,469						
Alberta	192,510						
Newfoundland & Labrador	78,816						
New Brunswick	57,299						
Nova Scotia	59,334						
Prince Edward Island	13,236						
Yukon	3,970						
Northwest Territories	6,108						
 Nunavut	1,724						
 All Jurisdictions	677,466						

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

Ontario has the largest share of any single jurisdiction (accounting for approximately 39% of the total policy liabilities). Collectively, the Atlantic Provinces are second largest, accounting for approximately 30.8% (\$208.7 million).

#### 2 Activity During the Month of September 2020<sup>4</sup>

#### 2.1 Recorded Premium and Claims Activity

The following tables 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.

<sup>&</sup>lt;sup>4</sup>There may be differences between the values shown in this document and associated values in the Bulletin and / or Participation Report, and even in tables within this document, due to rounding.



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

Table	Earned Premium		Paid Indemnity		Case increase / (decrease)		Recorded Indemnity increase / (decrease)	
01a					(decr	ease)	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	13,512	942	4,996	1,350	28,339	26,994	33,336	28,345
AB	10,026	174	2,988	(1,354)	1,427	(2,243)	4,415	(3,596)
NL	3,028	116	1,484	(113)	(500)	(1,184)	984	(1,298)
NB	2,678	104	1,003	26	204	(160)	1,207	(134)
NS	3,699	330	1,347	107	588	(191)	1,935	(84)
PE	553	64	52	(132)	172	50	224	(82)
ΥT	184	11	15	(33)	(0)	(25)	14	(57)
NT	370	14	76	(17)	(100)	(131)	(23)	(148)
NU	88	6	30	9	(201)	(204)	(171)	(195)
TOTAL	34,139	1,762	11,991	(156)	29,930	22,907	41,921	22,751

(Recorded transaction amounts exclude IBNR & other actuarial provisions)

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

Table	Earned Premium		Paid Indemnity		Case increase /		Recorded Indemnity	
01b				,	(decr	ease)	increase /	(decrease)
Accident	Actual	Actual less	Actual	Actual less	Actual	Actual less	Actual	Actual less
Year		Projected	Actual	Projected	Actual	Projected	Actual	Projected
Prior	-	-	3,811	1,607	23,923	25,420	27,734	27,027
2018	-	-	507	(557)	404	859	911	302
2019	(2)	(2)	1,464	(1,345)	1,130	(1,445)	2,594	(2,790)
2020	34,141	1,764	6,210	139	4,473	(1,927)	10,683	(1,788)
TOTAL	34,139	1,762	11,991	(156)	29,930	22,907	41,921	22,751

(Recorded transaction amounts exclude IBNR & other actuarial provisions)

Claims activity varies monthly in part due to process variance – that is, due to the nature of the claims reporting, recording and adjudication processes. Each month, the projection variances are reviewed for signs of projection bias and to identify potential ways to reduce the level of the variance. Commentary from our review is provided in the sub-sections that follow. Note that the significant increase in recorded indemnity and case this month was due to the correction in reporting of an Accident Year 1994 claim; please refer to section 2.1.b for additional details.

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

The following charts show actual **earned premium**<sup>5</sup> 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.

<sup>&</sup>lt;sup>5</sup>Premium is earned on a daily basis based on the transaction term measured in days. As a result, months with 31 days earned relatively more than those with 30 days, and February earns the least.



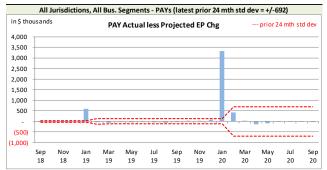
#### FARM Actual Earned Premium by Calendar Month



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

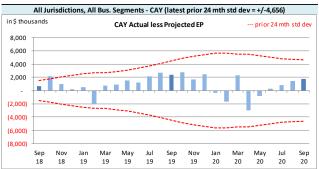
Current accident year (CAY) earned premium growth since the fall of 2017 is related to significant <u>in</u>creases in CV and IU vehicles. The 2019 written premium for the CV and IU classes finished at \$187.6 million, up over 3 times the amount written during 2017 (\$56.2 million). While there may be some indication that the growth in the CV and IU classes have slowed, the increase in these two classes have continued in 2020, up 13.6% year-to-date as at September 2020 (versus the same period in 2019).

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



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

On Latest \$ thousands						
Earned Premium	PAYs	CAY				
Mthly Avg EP Chg (prior 24 mths)	161	27,368				
std dev	692	4,656				
A-P <> std dev	2	1				
% <> std dev	8.0%	4.0%				
norm <> std dev	31.7%	31.7%				
performance vs 24-mth avg:	better	better				



Our admittedly simple approach to projecting **earned premium** changes from projected written premium levels (and uploading all projections as current accident year (CAY)) does indicate bias<sup>6</sup> on a running 25-month basis (ignoring the prior accident years' (PAYs) variances, which tend to be small relative to monthly premium overall), as 20

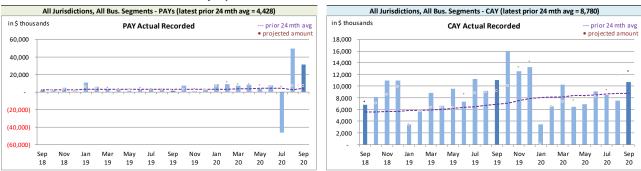
<sup>6</sup>For the binomial distribution with 25 trials and an assumed 50% success probability, the 95% confidence range is 8 to 17 successes. That is, favourable or  $\underline{un}$  favourable counts of 0 to 7 or 18 to 25 out of 25 outcomes would suggest bias.



of the latest 25 have been higher than projected, and while we modified our projections processes in response, bias still exists. Over time, we may consider other projection approaches to address the bias issue, but it is not currently deemed as priority.

#### 2.1.b AvsP: Recorded Indemnity

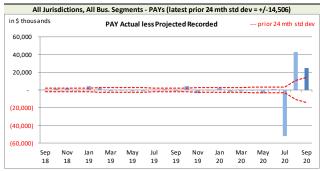
The following charts show actual **recorded indemnity** activity (**paid indemnity** plus case changes) in each of the most recent 25 calendar months, along with a "prior 24-month average" to show how each month's actual compares with the average amount of the preceding 24 calendar months.



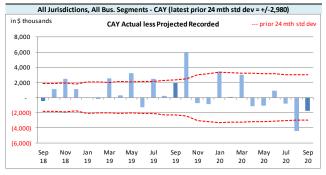
FARM Actual **Recorded Indemnity** by Calendar Month

**Recorded indemnity** activity variances from the previous month's projections are shown in the following charts, including the "prior 24-month standard deviation" levels.





On Latest \$thousands						
Recorded	PAYs	CAY				
Mthly Avg Recorded (prior 24 mths)	4,428	8,780				
std dev	14,506	2,980				
A-P <> std dev	7	7				
% <> std dev	28.0%	28.0%				
norm <> std dev	31.7%	31.7%				
performance vs 24-mth avg:	no better	no better				



With respect to **recorded indemnity**, 28% of the prior accident years' (PAYs) variances over the last 25 calendar months have fallen outside of one standard deviation of the actual **recorded indemnity** (see table on the left), suggesting the projection process performs no better than simply projecting the prior 24-month average amount (assuming a normal distribution). Bias has not been

indicated at a 95% confidence level on a running 25-month basis (12 of 25 variances were positive).

The PAY **recorded indemnity** variances were outside of the one standard deviation band this month (see preceding chart on the left). Transaction activity was reviewed at a jurisdiction and business segment level and the overall high level of recorded indemnity was attributed to the correction in

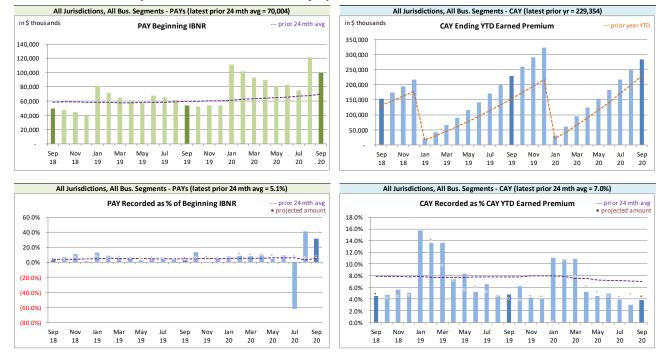


reporting of an Accident Year 1994 claim, \$27.2 million that was previously reported as expense reserves has now been reported as indemnity reserves.

The current accident year (CAY) **recorded indemnity** variances fell outside of one standard deviation 28% of the time over the last 25 calendar months (see the preceding table on the left), suggesting the projection process performs no better than simply projecting the prior 24-month average amount. Bias has not been indicated at a 95% confidence level on a running 25-month basis (14 of 25 variances were positive).

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

We have included, for reference, the following charts related to levels influencing **recorded indemnity** activity. Note that the reduction in PAY IBNR reflects the correction in claims reporting mentioned above as well.



*FARM Levels that influence*<sup>7</sup> *Recorded Indemnity* by Calendar Month

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

- to offset actual **recorded indemnity** activity (through loss ratio matching);
- the annual switchover as a CAY becomes a PAY (occurs in January); and

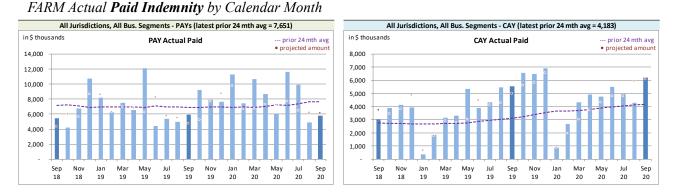
<sup>&</sup>lt;sup>7</sup>Our recorded indemnity projections for the prior accident years are based on selected ratios of recorded indemnity to beginning unpaid balances, whereas the current accident year projections are based on selected ratios of year-to-date IBNR to year-to-date selected ultimate 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.



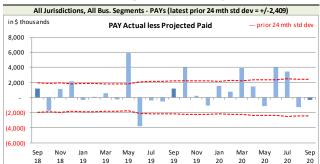
• when a new valuation is implemented, where the valuation resulted in changes to the selection of prior accident years' ultimate (will show up as a beginning IBNR change one month after the valuation is implemented, i.e. the change will generally show in April, July, September, and November).

#### 2.1.c AvsP: Paid Indemnity

The following charts 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.

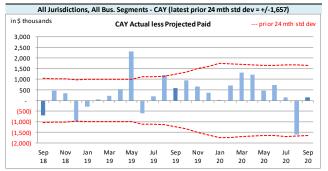


The following charts show actual less projected **paid indemnity** activity for the last 25 calendar months, along with bands for the "prior 24-month standard deviations" to show how the variances from projection compare with historical standard deviations.



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

On Latest \$ thousands						
Paid	PAYs	CAY				
Mthly Avg Paid (prior 24 mths)	7,651	4,183				
std dev	2,409	1,657				
A-P <> std dev	7	2				
% <> std dev	28.0%	8.0%				
norm <> std dev	31.7%	31.7%				
performance vs 24-mth avg:	no better	better				



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

Bias has not been indicated at a 95% confidence level on a running 25-month basis (15 of 25 variances are positive).



The current accident year (CAY) **paid indemnity** variances fell outside of one standard deviation 8% of the time over the last 25 calendar months (see preceding table on the left), suggesting that the projection process performs better than simply projecting the prior 24-month average amount. Bias has been indicated at a 95% confidence level on a running 25-month basis (20 of 25 variances are positive).

We have included, for reference, the following charts related to levels influencing **paid indemnity** activity.



#### FARM Levels that influence<sup>8</sup> Paid Indemnity by Calendar Month

We track the PAY beginning unpaid balance (case and IBNR) as **paid indemnity** activity "comes out of" the unpaid balance. Changes in the PAY beginning unpaid balance (see upper left chart within the preceding group of charts) 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, July, September, and November).

<sup>&</sup>lt;sup>8</sup>Our 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.



#### 2.2 Actuarial Provisions

An "ultimate loss ratio matching method" (described in section 3) is used to determine the month's IBNR<sup>9</sup> for accident years 1994 and later (IBNR is kept at \$0 for accident years 1993 and earlier).

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

The loss ratios and the factors used to determine the current provisions were based on the most recent valuation (June 30, 2020 for all jurisdictions). The following table summarizes variances in provisions included in this month's Participation Report and the associated one-month projections from last month's Report.

Table 02a			actuarial present value adjustments					
		Discount Amount		<b>Provisions for Adverse</b>		IBNR + actuarial present		
	IBNR		Discount Amount		Deviations		value adjustments	
Accident	Actual	Actual less	Actual	Actual less	Actual	Actual less	Actual	Actual less
Year		Projected	Actual	Projected	Actual	Projected	Actual	Projected
Prior	13,694	(27,009)	(1,011)	11	15,690	(167)	28,373	(27,165)
2018	16,702	(304)	(391)	(4)	7,143	67	23,454	(241)
2019	38,092	2,787	(752)	(11)	12,464	161	49,804	2,937
2020	63,056	2,538	(751)	(6)	11,857	70	74,162	2,602
TOTAL	131,544	(21,988)	(2,905)	(10)	47,154	131	175,793	(21,867)

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

The IBNR provision is \$22.0 million lower than projected from last month, counterbalancing the recorded claims activity and earned premium variance impacts indicated in section 2.1.

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

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

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

In addition to the provisions for indemnity amounts, provisions are established for certain adjustments to Servicing Carrier claims fees and for certain reimbursable legal and professional claims adjudication fees, which we refer to as "allowed claims expenses" (see footnote 2 on page 4).

The following table summarizes the variances in these "Retro Claims Provisions" included in this month's Participation Report and the one-month projections from last month's Report. The variances generally reflect earned premium variances by jurisdiction and variances in payments for allowed

<sup>&</sup>lt;sup>9</sup>For ease of discussion, "IBNR" is used in place of "provisions for incurred but not recorded (IBNR) and development".



claims expenses relative to projections.

FARM Actual vs. Projected Summary: "Retro Claims Provision"<sup>10</sup> and APV Amounts (\$ thousands)

Table 02b			actuarial present value adjustments					
	Retro Claims Provision		Distance Claime Description		Provisions for Adverse Deviations		Retro + actuarial present value adjustments	
			Discount Amount					
Accident	Actual	Actual less	Actual	Actual less	Actual	Actual less	Actual	Actual less
Year		Projected	Actual	Projected	Actual	Projected	Actual	Projected
Prior	17,047	58	(127)	4	2,370	(73)	19,290	(11)
2018	4,068	74	(24)	(1)	1,175	(15)	5,219	58
2019	7,003	124	(51)	(1)	1,889	19	8,841	142
2020	650	303	(46)	(1)	1,480	(94)	2,084	208
TOTAL	28,768	559	(248)	1	6,914	(163)	35,434	397

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

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

Table 03	(Deferre	emium Deficiency / (Deferred Policy Acquisition Costs)		actuarial present value adjustments		eficiency / ncluding esent value ments
	Actual	Actual less Projected	Actual	Actual less Projected	Actual	Actual less Projected
balance:	(16,099)	(264)	-	-	(16,099)	(264)
balance as % unearned premium:	(7.6%)	0.1%	-	-	(7.6%)	0.1%
actual unearned premium:	210,934					
less projected:	4,412					

**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:

<sup>&</sup>lt;sup>10</sup>"Retro Claims Provision" here refers to the provision for unpaid claims fees & allowed claims expense for Service Carriers in managing and adjudicating claims on behalf of the Facility Association. Non-\$0 actuarial present value adjustments for these provisions were added for the first time with the October 2016 Participation Report. Please see the associated Actuarial Highlights for more information.



- (a) Earned premium to date
- (b) Ultimate loss<sup>11</sup> ratio per latest valuation
- (c) Estimated ultimate incurred = (a) x (b)
- (d) Recorded indemnity to date
- (e) IBNR = (c) (d)

IBNR for accident years 1993 and earlier is kept at \$0. For the two projected months, IBNR was determined in a similar way, incorporating the two-month projections of earned premiums and recorded indemnity. Prior to actuarial present value adjustments, any expected emergence of recorded claims amounts pertaining to prior accident years<sup>12</sup> 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 following table summarizes the calendar year-to-date results for indemnity as well as Servicing Carrier claims fees & allowed claims expenses. In determining the ratios to earned premium, the calendar year-to-date earned premium has been used, which includes earned premium associated with the current accident year but also earned premium adjustments related to prior accident years.

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

Table 04	YTD Nominal Values		Nominal Values YTD actuarial present value adjustment		YTD Total		Change from Prior Month YTD	
	Amount	% EP	Amount	% EP	Amount	% EP	Amount	LR pts
PAYs	38,782	13.5%	7,634	2.7%	46,416	16.1%	(671)	(2.5%)
CAY	166,752	58.0%	12,540	4.4%	179,292	62.3%	21,135	(0.1%)
TOTAL	205,533	71.4%	20,174	7.0%	225,707	78.4%	20,464	(2.5%)

("% EP" based on 2020 calendar year-to-date earned premium; ratios may not total due to rounding)

In general, prior accident years (PAYs) changes from last month are due to the release of the actuarial present value adjustments with claims payments, except when valuations are implemented. The loss ratio change year-to-date in Table 04 reflects not only changes in the prior accident year levels, but also the increase in the calendar year-to-date earned premium with an additional month's earned premium.

For the current accident year (CAY), 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

<sup>&</sup>lt;sup>11</sup>"Loss" here refers to indemnity only unless otherwise noted.

<sup>&</sup>lt;sup>12</sup>Prior accident years and the current accident year are defined relative to the calendar year associated with the projection period.



Participation Report.

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

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

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

#### 6 EXHIBITS

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

- EXHIBIT A IBNR for Member Sharing (includes Actuarial Present Value Adjustments)
- EXHIBIT B IBNR Nominal Basis (excludes Actuarial Present Value Adjustments)
- EXHIBIT C Retro Provisions
  - C-1 for Member Sharing (includes Actuarial Present Value Adjustments)
  - C-2 Nominal Basis (excludes Actuarial Present Value Adjustments)
- EXHIBIT D Future Expected Cost Ratios
- EXHIBIT E Discount Rate & Margins for Adverse Deviations
- EXHIBIT F Interest Rate Sensitivity
- EXHIBIT G Components of IBNR Change During Month:
  - G-1 IBNR for Member Sharing (<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
  - H-1 Private Passenger
  - H-2 Non-Private Passenger
  - H-3 Total (Private Passenger & Non-Private Passenger)



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

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Jurisdiction Desc AccountCode Desc AccountCode AccidentYear	Newfoundland & Labrador IBNR Provision (All) (All)	discount rate: 0.27% interest rate margin: 25 basis pts			
		Prior Month	<b>Current Month</b>	1st Projected	2nd Projected
Sum of Amount		ShareYYMM			
Business Segment	Acc Year	202008	202009	202010	202011
Private Passenger	prior	9,000	9,000	9,000	7,000
	2011	15,000	15,000	15,000	14,000
	2012	106,000	106,000	102,000	100,000
	2013	56,000	56,000	54,000	52,000
	2014	110,000	95,000	93,000	90,000
	2015	478,000	487,000	470,000	461,000
	2016	420,000	472,000	468,000	456,000
	2017	727,000	734,000	697,000	643,000
	2018	1,973,000	1,923,000	1,741,000	1,610,000
	2019	3,088,000	2,940,000	2,790,000	2,580,000
	2020	5,147,000	5,813,000	5,792,000	5,787,000
Private Passenger Total		12,129,000	12,650,000	12,231,000	11,800,000
Non Private Passenger	prior	8,000	8,000	8,000	8,000
	2011	54,000	54,000	54,000	52,000
	2012		-	-	-
	2013	2,000	2,000	2,000	2,000
	2014	1,000	1,000	1,000	1,000
	2015	20,000	(59,000)	(58,000)	(55,000)
	2016	134,000	199,000	197,000	191,000
	2017	205,000	281,000	273,000	267,000
	2018	546,000	546,000	532,000	511,000
	2019	1,091,000	1,088,000	935,000	811,000
	2020	1,614,000	1,869,000	1,875,000	1,568,000
Non Private Passenger Tot		3,675,000	3,989,000	3,819,000	3,356,000
Grand Total		15,804,000	16,639,000	16,050,000	15,156,000

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



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

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Jurisdiction Desc	New Brunswick	discount rate: 0.27%			
AccountCode Desc	<b>IBNR</b> Provision		inte	erest rate margin:	25 basis pts
AccountCode	(All)				
AccidentYear	(All)				
		Prior Month	<b>Current Month</b>	1st Projected	2nd Projected
Sum of Amount		ShareYYMM			
Business Segment	Acc Year	202008	202009	202010	202011
		64.000	64.000	62.000	62.000
Private Passenger	prior	64,000	64,000	63,000	62,000
	2011	22,000	22,000	21,000	21,000
	2012	94,000	94,000	91,000	90,000
	2013	70,000	70,000	68,000	67,000
	2014	235,000	235,000	227,000	225,000
	2015	358,000	372,000	363,000	360,000
	2016	794,000	793,000	767,000	755,000
	2017	1,449,000	1,403,000	1,352,000	1,333,000
	2018	2,401,000	2,306,000	2,258,000	2,152,000
	2019	3,530,000	3,566,000	3,526,000	3,420,000
	2020	3,079,000	3,518,000	3,700,000	4,067,000
Private Passenger Total		12,096,000	12,443,000	12,436,000	12,552,000
Non Private Passenger	prior	22,000	15,000	15,000	15,000
	2011	5,000	5,000	5,000	5,000
	2012	47,000	47,000	47,000	46,000
	2013	98,000	98,000	97,000	96,000
	2014	2,000	2,000	2,000	2,000
	2015	81,000	(54,000)	(49,000)	(48,000)
	2016	192,000	115,000	111,000	109,000
	2017	716,000	704,000	665,000	639,000
	2018	833,000	785,000	771,000	737,000
	2019	1,872,000	1,792,000	1,525,000	1,307,000
	2020	2,023,000	2,330,000	2,548,000	2,875,000
Non Private Passenger To		5,891,000	5,839,000	5,737,000	5,783,000
Crossed Table		47.007.000	40.202.000	10 172 000	10 225 222
Grand Total		17,987,000	18,282,000	18,173,000	18,335,000

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



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

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Jurisdiction Desc	Nova Scotia	discount rate: 0.27%			
AccountCode Desc	<b>IBNR</b> Provision		inte	erest rate margin:	25 basis pts
AccountCode	(All)				
AccidentYear	(All)				
		Prior Month	<b>Current Month</b>	1st Projected	2nd Projected
Sum of Amount		ShareYYMM			
Business Segment	Acc Year	202008	202009	202010	202011
Private Passenger	prior	84,000	85,000	86,000	82,000
	2011	6,000	6,000	6,000	6,000
	2012	(2,000)	(2,000)	(2,000)	(2,000)
	2013	4,000	4,000	4,000	4,000
	2014	29,000	39,000	37,000	36,000
	2015	12,000	12,000	12,000	12,000
	2016	6,000	(216,000)	(214,000)	(211,000)
	2017	494,000	392,000	388,000	379,000
	2018	775,000	626,000	619,000	605,000
	2019	1,532,000	1,459,000	1,412,000	1,377,000
	2020	3,362,000	3,332,000	3,345,000	3,688,000
Private Passenger Total		6,302,000	5,737,000	5,693,000	5,976,000
Nen Drivete Dessenaer		(1.000)	(1,000)	(1.000)	(1.000)
Non Private Passenger	prior 2011	<mark>(1,000)</mark> 2,000	<mark>(1,000)</mark> 2,000	<mark>(1,000)</mark> 2,000	<mark>(1,000)</mark> 2,000
	2011	(3,000)	(3,000)	(3,000)	(3,000)
	2012	(3,000) 68,000	68,000	68,000	(3,000) 66,000
	2013	74,000	(24,000)	(24,000)	(25,000)
	2014	19,000	42,000	42,000	42,000
	2013	190,000	201,000	199,000	197,000
	2018	445,000	353,000	345,000	337,000
	2018 2019	1,108,000	974,000	962,000	925,000
		2,298,000	2,199,000	1,848,000	1,564,000
	2020	3,197,000	4,193,000	4,493,000	4,931,000
Non Private Passenger Tot	ai	7,397,000	8,004,000	7,931,000	8,035,000
Grand Total		13,699,000	13,741,000	13,624,000	14,011,000

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



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

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Jurisdiction Desc AccountCode Desc AccountCode AccidentYear	Prince Edward Island IBNR Provision (All) (All)		discount rate: 0.27% interest rate margin: 25 basis pts			
	( /	Prior Month	<b>Current Month</b>	1st Projected	2nd Projected	
Sum of Amount		ShareYYMM				
Business Segment	Acc Year	202008	202009	202010	202011	
Drivete Desserver		(5,000)	(5,000)	(5,000)	(5.000)	
Private Passenger	prior 2011				(5,000)	
	-	(1,000)	(1,000)	(1,000)	(1,000)	
	2012	(2,000)	-	-	-	
	2013	(2,000)	(2,000)	(2,000)	(2,000)	
	2014	107.000	-	-	-	
	2015	107,000	107,000	105,000	103,000	
	2016	68,000	68,000	68,000	67,000	
	2017 2018	(16,000)	(17,000)	(18,000)	(20,000)	
		395,000	393,000	390,000	376,000	
	2019	234,000	234,000	230,000	223,000	
Duiunte Desseuren Tetel	2020	513,000	565,000	601,000	622,000	
Private Passenger Total		1,293,000	1,342,000	1,368,000	1,363,000	
Non Private Passenger	prior	(2,000)	(2,000)	(2,000)	(2,000)	
-	2011	1,000	1,000	1,000	1,000	
	2012	30,000	30,000	29,000	29,000	
	2013	45,000	45,000	45,000	45,000	
	2014	11,000	11,000	11,000	10,000	
	2015	18,000	18,000	18,000	18,000	
	2016	175,000	69,000	66,000	64,000	
	2017	302,000	293,000	289,000	285,000	
	2018	455,000	440,000	435,000	429,000	
	2019	880,000	882,000	802,000	729,000	
	2020	319,000	487,000	595,000	707,000	
Non Private Passenger Tot	tal	2,234,000	2,274,000	2,289,000	2,315,000	
Grand Total		3,527,000	3,616,000	3,657,000	3,678,000	

Please see Exhibit G-1, page 4 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	Ontario IBNR Provision (All) (All)		inte	discount rate: erest rate margin:	
		Prior Month	<b>Current Month</b>	1st Projected	2nd Projected
Sum of Amount		ShareYYMM			
Business Segment	Acc Year	202008	202009	202010	202011
Drivete Dessenaer		21 782 000	4 402 000	4 447 000	4 221 000
Private Passenger	prior	31,782,000	4,492,000	4,447,000	4,321,000
	2011	146,000	146,000	144,000	141,000
	2012	148,000	(35,000)	(35,000)	(37,000)
	2013	103,000	103,000	102,000	99,000
	2014	108,000	84,000	83,000	76,000
	2015	210,000	221,000	218,000	215,000
	2016	333,000	332,000	321,000	309,000
	2017	371,000	415,000	407,000	393,000
	2018	776,000	688,000	672,000	657,000
	2019	3,417,000	3,150,000	2,994,000	2,884,000
	2020	8,026,000	8,056,000	8,908,000	9,742,000
Private Passenger Total		45,420,000	17,652,000	18,261,000	18,800,000
Non Private Passenger	prior	56,000	57,000	57,000	57,000
	2011	122,000	122,000	118,000	113,000
	2012	(25,000)	(25,000)	(24,000)	(23,000)
	2013	567,000	566,000	550,000	530,000
	2014	316,000	315,000	305,000	293,000
	2015	915,000	788,000	762,000	733,000
	2016	1,430,000	1,406,000	1,375,000	1,348,000
	2017	1,040,000	1,044,000	1,022,000	986,000
	2018	4,734,000	4,712,000	4,519,000	4,370,000
	2019	13,119,000	11,450,000	10,489,000	9,618,000
	2020	14,831,000	16,027,000	16,632,000	16,977,000
Non Private Passenger Tot		37,105,000	36,462,000	35,805,000	35,002,000
Grand Total		82,525,000	54,114,000	54,066,000	53,802,000

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	Alberta IBNR Provision	discount rate: 0.27% interest rate margin: 25 basis pts				
AccountCode	(All)				25 50515 pt5	
AccidentYear	(AII)					
	(,,	Prior Month	Current Month	1st Projected	2nd Projected	
Sum of Amount		ShareYYMM				
Business Segment	Acc Year	202008	202009	202010	202011	
Private Passenger	prior	93,000	93,000	92,000	87,000	
	2011	33,000	33,000	32,000	30,000	
	2012	44,000	44,000	43,000	41,000	
	2013	79,000	79,000	76,000	73,000	
	2014	92,000	192,000	188,000	182,000	
	2015	96,000	96,000	93,000	88,000	
	2016	378,000	378,000	374,000	371,000	
	2017	472,000	441,000	429,000	425,000	
	2018	651,000	595,000	576,000	550,000	
	2019	1,348,000	1,291,000	1,249,000	1,197,000	
	2020	1,695,000	1,939,000	1,939,000	2,031,000	
Private Passenger Total		4,981,000	5,181,000	5,091,000	5,075,000	
				07.000	~~~~~	
Non Private Passenger	prior	90,000	90,000	87,000	83,000	
	2011	159,000	159,000	155,000	147,000	
	2012	81,000	81,000	80,000	75,000	
	2013	450,000	449,000	434,000	410,000	
	2014	524,000	499,000	480,000	449,000	
	2015	312,000	319,000	313,000	305,000	
	2016	2,466,000	2,504,000	2,416,000	2,384,000	
	2017	3,882,000	3,861,000	3,715,000	3,486,000	
	2018	9,005,000	8,666,000	8,361,000	7,871,000	
	2019	18,927,000	18,448,000	15,371,000	12,895,000	
	2020	22,693,000	24,671,000	25,849,000	26,339,000	
Non Private Passenger To	tal	58,589,000	59,747,000	57,261,000	54,444,000	
Grand Total		63,570,000	64,928,000	62,352,000	59,519,000	

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



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

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Jurisdiction Desc	Yukon	discount rate: 0.27%			
AccountCode Desc	<b>IBNR</b> Provision		inte	erest rate margin:	25 basis pts
AccountCode	(All)				
AccidentYear	(All)				
		Prior Month	<b>Current Month</b>	1st Projected	2nd Projected
Sum of Amount		ShareYYMM			
Business Segment	Acc Year	202008	202009	202010	202011
Private Passenger	prior	4,000	4,000	4,000	4,000
	2011	1,000	1,000	1,000	1,000
	2012	2,000	2,000	2,000	2,000
	2013	4,000	4,000	4,000	4,000
	2014	7,000	7,000	7,000	7,000
	2015	12,000	12,000	12,000	12,000
	2016	14,000	14,000	14,000	14,000
	2017	105,000	105,000	104,000	103,000
	2018	79,000	79,000	78,000	77,000
	2019	92,000	92,000	90,000	89,000
	2020	72,000	96,000	114,000	127,000
Private Passenger Total		392,000	416,000	430,000	440,000
Non Private Passenger	prior	2,000	2,000	2,000	2,000
iten i intate i assenger	2011	2,000	-	-	-
	2012	1,000	1,000	1,000	1,000
	2013	1,000	1,000	1,000	1,000
	2014	8,000	8,000	8,000	8,000
	2015	(13,000)	(13,000)	(13,000)	(13,000)
	2016	26,000	26,000	26,000	26,000
	2017	76,000	76,000	75,000	74,000
	2018	155,000	149,000	147,000	145,000
	2019	274,000	274,000	228,000	190,000
	2020	430,000	488,000	481,000	489,000
Non Private Passenger To		960,000	1,012,000	956,000	923,000
		· · · · · ·			· · · · ·
Grand Total		1,352,000	1,428,000	1,386,000	1,363,000

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 AccountCode Desc AccountCode AccidentYear	Northwest Territories IBNR Provision (All) (All)	discount rate: 0.27% interest rate margin: 25 basis pts			
		Prior Month	<b>Current Month</b>	1st Projected	2nd Projected
Sum of Amount		ShareYYMM			
Business Segment	Acc Year	202008	202009	202010	202011
		(2.000)	(2,000)	(2,000)	(2.000)
Private Passenger	prior	(3,000)	(3,000)	(3,000)	(3,000)
	2011	(1,000)	(1,000)	(1,000)	(1,000)
	2012	6,000	6,000	6,000	6,000
	2013	7,000	7,000	7,000	7,000
	2014	9,000	9,000	9,000	9,000
	2015	23,000	23,000	23,000	23,000
	2016	35,000	35,000	35,000	35,000
	2017	125,000	125,000	123,000	122,000
	2018	274,000	306,000	303,000	300,000
	2019	324,000	395,000	378,000	374,000
	2020	229,000	282,000	292,000	348,000
Private Passenger Total		1,028,000	1,184,000	1,172,000	1,220,000
Non Private Passenger	prior 2011	3,000	3,000	3,000	3,000
	2011		_	-	
	2012	54,000	54,000	53,000	53,000
	2013	33,000	33,000	33,000	33,000
	2014	14,000	14,000	14,000	14,000
	2013	46,000	46,000	46,000	46,000
	2018	48,000 94,000	48,000 94,000	48,000 92,000	48,000 91,000
				,	
	2018 2019	179,000	179,000	177,000	175,000
	2019	321,000	321,000	293,000	268,000
Non Driveto Decconcer Tel		291,000	321,000	354,000	392,000
Non Private Passenger Tot		1,035,000	1,065,000	1,065,000	1,075,000
Grand Total		2,063,000	2,249,000	2,237,000	2,295,000

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



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

page 9 of 10

Jurisdiction Desc	Nunavut			discount rate:	0.27%
AccountCode Desc	<b>IBNR</b> Provision		inte	erest rate margin:	25 basis pts
AccountCode	(All)				
AccidentYear	(All)				
		Prior Month	<b>Current Month</b>	1st Projected	2nd Projected
Sum of Amount		ShareYYMM			
Business Segment	Acc Year	202008	202009	202010	202011
Private Passenger	prior	-	-	-	-
	2011		-	-	-
	2012	18,000	18,000	17,000	17,000
	2013	1,000	1,000	1,000	1,000
	2014	1,000	1,000	1,000	1,000
	2015	2,000	2,000	2,000	2,000
	2016	6,000	6,000	6,000	6,000
	2017	11,000	11,000	11,000	11,000
	2018	11,000	11,000	11,000	11,000
	2019	26,000	26,000	26,000	26,000
	2020	11,000	16,000	17,000	18,000
Private Passenger Total		87,000	92,000	92,000	93,000
Non Private Passenger	prior		_	_	-
Non i nvate i assenger	2011		-	_	-
	2012		_	_	-
	2012				
	2013	23,000	190,000	188,000	186,000
	2014	12,000	12,000	12,000	12,000
	2015	17,000	17,000	17,000	17,000
	2017	53,000	53,000	53,000	53,000
	2017	76,000	76,000	75,000	74,000
	2018				
		197,000	197,000	178,000	162,000
N	2020	138,000	159,000	167,000	176,000
Non Private Passenger To	tai	516,000	704,000	690,000	680,000
Grand Total		603,000	796,000	782,000	773,000

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



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

page 10 of 10

Jurisdiction Desc AccountCode Desc AccountCode AccidentYear	(All) IBNR Provision (All) (All)		inte	discount rate: erest rate margin:	
		Prior Month	<b>Current Month</b>	1st Projected	2nd Projected
Sum of Amount		ShareYYMM			
Business Segment	Acc Year	202008	202009	202010	202011
Drivete Desserves		22.020.000	4 720 000	4 602 000	4 555 000
Private Passenger	prior	32,028,000	4,739,000	4,693,000	4,555,000
	2011	221,000	221,000	217,000	211,000
	2012	416,000	233,000	224,000	217,000
	2013	322,000	322,000	314,000	305,000
	2014	591,000	662,000	645,000	626,000
	2015	1,298,000	1,332,000	1,298,000	1,276,000
	2016	2,054,000	1,882,000	1,839,000	1,802,000
	2017	3,738,000	3,609,000	3,493,000	3,389,000
	2018	7,335,000	6,927,000	6,648,000	6,338,000
	2019	13,591,000	13,153,000	12,695,000	12,170,000
	2020	22,134,000	23,617,000	24,708,000	26,430,000
Private Passenger Total		83,728,000	56,697,000	56,774,000	57,319,000
Non Private Passenger	prior	178,000	172,000	169,000	165,000
	2011	343,000	343,000	335,000	320,000
	2012	131,000	131,000	130,000	125,000
	2013	1,285,000	1,283,000	1,250,000	1,203,000
	2014	992,000	1,035,000	1,004,000	957,000
	2015	1,378,000	1,067,000	1,041,000	1,008,000
	2016	4,676,000	4,583,000	4,453,000	4,382,000
	2017	6,813,000	6,759,000	6,529,000	6,218,000
	2018	17,091,000	16,527,000	15,979,000	15,237,000
	2019	38,979,000	36,651,000	31,669,000	27,544,000
	2020	45,536,000	50,545,000	52,994,000	54,454,000
Non Private Passenger To		117,402,000	119,096,000	115,553,000	111,613,000
in the second		,.02,000		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	,010,000
Grand Total		201,130,000	175,793,000	172,327,000	168,932,000

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



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

# page 1 of 10

Jurisdiction Desc	Newfoundland & Labrador Undiscounted IBNR			discount rate:	0.00%
Accountcode Desc	Provision		inte	erest rate margin:	0 basis pts
AccountCode	(All)			_	-
AccidentYear	(All)				
		Prior Month	<b>Current Month</b>	1st Projected	2nd Projected
Sum of Amount		ShareYYMM			
Business Segment	Acc Year	202008	202009	202010	202011
Debusta Dessanara		(17.000)	(17.000)	(17,000)	(17.000)
Private Passenger	prior 2011	(17,000)	(17,000)	(17,000)	(17,000)
	2011 2012	(8,000)	(8,000)	(8,000)	(8,000)
	2012	(25,000) (12,000)	(25,000) (12,000)	(24,000) (12,000)	(24,000) (12,000)
	2013	(12,000)	(12,000)	(12,000)	(12,000)
	2014	(11,000) 180,000	189,000	181,000	(23,000) 179,000
	2015	(16,000)	41,000	41,000	37,000
	2010	462,000	486,000	459,000	413,000
	2017	1,311,000	1,268,000	1,117,000	1,005,000
	2018	1,989,000	1,860,000	1,730,000	1,557,000
	2019	4,423,000	5,000,000	4,898,000	4,833,000
Private Passenger Total	2020	8,276,000	8,756,000	8,340,000	7,938,000
Thrute Fusicinger Fotal		0,270,000	0,750,000	0,040,000	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
Non Private Passenger	prior	8,000	8,000	8,000	8,000
	2011	1,000	1,000	1,000	1,000
	2012		-	-	-
	2013	2,000	2,000	2,000	2,000
	2014		-	-	-
	2015	(28,000)	(107,000)	(106,000)	(101,000)
	2016	24,000	112,000	111,000	107,000
	2017	14,000	102,000	99,000	98,000
	2018	285,000	285,000	282,000	268,000
	2019	707,000	708,000	566,000	453,000
	2020	1,353,000	1,580,000	1,563,000	1,224,000
Non Private Passenger Tot	al	2,366,000	2,691,000	2,526,000	2,060,000
Grand Total		10,642,000	11,447,000	10,866,000	9,998,000

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



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

#### page 2 of 10

Jurisdiction Desc AccountCode Desc	New Brunswick Undiscounted IBNR	discount rate: 0.00%			
	Provision		inte	erest rate margin:	0 basis pts
AccountCode	(All)			Ũ	
AccidentYear	(All)				
		Prior Month	<b>Current Month</b>	1st Projected	2nd Projected
Sum of Amount		ShareYYMM			
Business Segment	Acc Year	202008	202009	202010	202011
Private Passenger	prior	21,000	21,000	20,000	20,000
	2011	18,000	18,000	17,000	17,000
	2012	67,000	67,000	64,000	63,000
	2013	55 <i>,</i> 000	55,000	53,000	52,000
	2014	164,000	164,000	157,000	155,000
	2015	166,000	181,000	174,000	172,000
	2016	562,000	562,000	540,000	535,000
	2017	1,188,000	1,142,000	1,096,000	1,085,000
	2018	1,923,000	1,828,000	1,790,000	1,697,000
	2019	2,972,000	3,012,000	2,982,000	2,893,000
	2020	2,596,000	2,964,000	3,089,000	3,409,000
Private Passenger Total		9,732,000	10,014,000	9,982,000	10,098,000
Non Private Passenger	prior	(2,000)	-	-	-
	2011	(4,000)	(4,000)	(4,000)	(4,000)
	2012	2,000	2,000	2,000	2,000
	2013	(4,000)	(4,000)	(4,000)	(4,000)
	2014	2,000	2,000	2,000	2,000
	2015	15,000	(85,000)	(80,000)	(79,000)
	2016	130,000	53,000	50,000	48,000
	2017	611,000	599,000	563,000	540,000
	2018	558 <i>,</i> 000	511,000	506,000	486,000
	2019	1,339,000	1,261,000	1,009,000	807,000
	2020	1,689,000	1,957,000	2,135,000	2,418,000
Non Private Passenger Tot	al	4,336,000	4,292,000	4,179,000	4,216,000
Grand Total		14,068,000	14,306,000	14,161,000	14,314,000

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 IBNR	discount rate: 0.00%			
	Provision		inte	erest rate margin:	0 basis pts
AccountCode	(All)				
AccidentYear	(AII)				
	. ,	Prior Month	<b>Current Month</b>	1st Projected	2nd Projected
Sum of Amount		ShareYYMM		· ·	
Business Segment	Acc Year	202008	202009	202010	202011
Private Passenger	prior	48,000	49,000	49,000	46,000
	2011	5,000	5,000	5,000	5,000
	2012	(2,000)	(2,000)	(2,000)	(2,000)
	2013	(3,000)	(3,000)	(3,000)	(3,000)
	2014	(3,000)	(3,000)	(3,000)	(3,000)
	2015	(7,000)	(7,000)	(7,000)	(6,000)
	2016	(44,000)	(266,000)	(263,000)	(260,000)
	2017	358,000	256,000	253,000	245,000
	2018	530,000	381,000	377,000	366,000
	2019	908,000	841,000	807,000	783,000
	2020	2,840,000	2,747,000	2,704,000	2,998,000
Private Passenger Total		4,630,000	3,998,000	3,917,000	4,169,000
Non Private Passenger	prior	(4,000)	(4,000)	(4,000)	(4,000)
	2011	2,000	2,000	2,000	2,000
	2012	(3,000)	(3,000)	(3,000)	(3,000)
	2013	(75,000)	(75,000)	(74,000)	(73,000)
	2014	2,000	(47,000)	(47,000)	(47,000)
	2015	5,000	28,000	28,000	28,000
	2016	39,000	50,000	49,000	49,000
	2017	191,000	130,000	128,000	127,000
	2018	740,000	615,000	609,000	579,000
	2019	1,769,000	1,674,000	1,339,000	1,071,000
	2020	2,657,000	3,558,000	3,797,000	4,171,000
Non Private Passenger Tot		5,323,000	5,928,000	5,824,000	5,900,000
-		· · · ·	· · · ·	· · ·	
Grand Total		9,953,000	9,926,000	9,741,000	10,069,000

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



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

# page 4 of 10

Jurisdiction Desc	Prince Edward Island			discount rate:	0.00%
AccountCode Desc	Undiscounted IBNR Provision		inte	erest rate margin:	0 basis pts
AccountCode	(All)				
AccidentYear	(All)				
		Prior Month	Current Month	1st Projected	2nd Projected
Sum of Amount		ShareYYMM			
Business Segment	Acc Year	202008	202009	202010	202011
		(5.000)	(5.000)	(5.000)	(5.000)
Private Passenger	prior	(5,000)	(5,000)	(5,000)	(5,000)
	2011	(1,000)	(1,000)	(1,000)	(1,000)
	2012	(2,000)	-	-	-
	2013	(2,000)	(2,000)	(2,000)	(2,000)
	2014		-	-	-
	2015	7,000	7,000	7,000	7,000
	2016	32,000	32,000	32,000	32,000
	2017	(142,000)	(142,000)	(141,000)	(140,000)
	2018	347,000	346,000	343,000	330,000
	2019	139,000	139,000	136,000	131,000
	2020	436,000	479,000	507,000	519,000
Private Passenger Total		811,000	853,000	876,000	871,000
Non Private Passenger	prior	(2,000)	(2,000)	(2,000)	(2,000)
Non i mate i assengei	2011	1,000	1,000	1,000	1,000
	2012	1,000	-	-	-
	2012	41,000	41,000	41,000	41,000
	2013	(1,000)	(1,000)	(1,000)	(1,000)
	2015	16,000	16,000	16,000	16,000
	2016	61,000	(45,000)	(45,000)	(45,000)
	2010	274,000	265,000	262,000	259,000
	2018	409,000	394,000	390,000	385,000
	2019	769,000	772,000	695,000	625,000
	2020	220,000	369,000	460,000	558,000
Non Private Passenger Tot		1,788,000	1,810,000	1,817,000	1,837,000
		, , , , , , , , , , , , , , , , , , , ,	, , ==		
Grand Total		2,599,000	2,663,000	2,693,000	2,708,000

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



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

#### page 5 of 10

Sum of Amount Business Segment         Acc Year         202008         202009         202010         2           Private Passenger         prior         27,722,000         488,000         483,000         2010         2           2011         37,000         37,000         37,000         37,000         2010         2           2012         51,000         (129,000)         (128,000)         2013         17,000         17,000           2014         (257,000)         (257,000)         (254,000)         2015         165,000         174,000           2015         165,000         176,000         174,000         2017         217,000         264,000         261,000           2018         459,000         373,000         366,000         2019         2,322,000         2,085,000         1,960,000           2020         6,799,000         6,748,000         7,445,000         2020         1,960,000         2020         2020         1,960,000         2020         1,960,000         2020         1,960,000         2020         1,960,000         2020         1,960,000         2020         1,960,000         2020         1,960,000         1,960,000         2020         1,960,000         2020         1,960,000         2020 <th>s pts</th>	s pts
AccountCode AccidentYear         (All) (All)         Prior Month         Current Month         1st Projected         2nd           Sum of Amount Business Segment         ShareYYMM         202009         202010         2           Private Passenger         prior         27,722,000         488,000         483,000         2           2011         37,000         37,000         37,000         37,000         2         2           2012         51,000         (129,000)         (128,000)         2         2         2         3         1         7,000         1         2         2         2         3         1         1         3         1         1         3         1	spis
AccidentYear         (All)           Prior Month         Current Month         1st Projected         2nd           Sum of Amount         ShareYYMM           Business Segment         Acc Year         202008         202009         202010         2           Private Passenger         prior         27,722,000         488,000         483,000         2           2011         37,000         37,000         37,000         37,000         2           2012         51,000         (129,000)         (128,000)         2           2013         17,000         17,000         17,000         2           2014         (257,000)         (254,000)         2         2           2015         165,000         176,000         174,000         2           2016         221,000         264,000         261,000         2           2017         217,000         264,000         261,000         2           2018         459,000         373,000         366,000         2           2019         2,322,000         2,085,000         1,960,000         2           2019         2,322,000         6,748,000         7,445,000	
Prior Month         Current Month         1st Projected         2nd           Sum of Amount         ShareYYMM         ShareYYMM         202009         202010         2           Private Passenger         prior         27,722,000         488,000         483,000         2           2011         37,000         37,000         37,000         37,000         2         2012         2         51,000         (129,000)         (128,000)         2         2         2         2         3         1         7,000         3         3         2         2         2         3         1         3         2         1         3         2         3         1         3         3         3         1         3         3         1         3	
Sum of Amount         ShareYYMM           Business Segment         Acc Year         202008         202009         202010         2           Private Passenger         prior         27,722,000         488,000         483,000         2011         37,000         37,000         37,000         2012         51,000         (129,000)         (128,000)         2013         17,000         17,000         17,000         2014         (257,000)         (254,000)         2015         165,000         176,000         174,000         2016         221,000         222,000         213,000         2017         217,000         264,000         261,000         2018         459,000         373,000         366,000         2019         2,322,000         2,085,000         1,960,000         2020         6,799,000         6,748,000         7,445,000         2020         1,900         1,945,000	Projected
Business Segment         Acc Year         202008         202009         202010         2           Private Passenger         prior         27,722,000         488,000         483,000         483,000         2011         37,000         37,000         37,000         37,000         2012         51,000         (129,000)         (128,000)         128,000)         12013         17,000         17,000         17,000         17,000         174,000         2014         (257,000)         (254,000)         2015         165,000         176,000         174,000         2016         221,000         222,000         213,000         2017         217,000         264,000         261,000         2018         459,000         373,000         366,000         2019         2,322,000         2,085,000         1,960,000         2019         2,020         6,799,000         6,748,000         7,445,000         27,445,000         2019         2,020         6,799,000         6,748,000         7,445,000         2019         2,020         6,799,000         6,748,000         7,445,000         2019         2,020         6,799,000         6,748,000         7,445,000         2,045         2019         2,020         6,799,000         6,748,000         7,445,000         2,045         2019         2,020	Trojecteu
Private Passenger         prior         27,722,000         488,000         483,000           2011         37,000         37,000         37,000           2012         51,000         (129,000)         (128,000)           2013         17,000         17,000         17,000           2014         (257,000)         (257,000)         (254,000)           2015         165,000         176,000         174,000           2016         221,000         222,000         213,000           2017         217,000         264,000         261,000           2018         459,000         373,000         366,000           2019         2,322,000         2,085,000         1,960,000           2020         6,799,000         6,748,000         7,445,000	202011
201137,00037,00037,000201251,000(129,000)(128,000)201317,00017,00017,0002014(257,000)(254,000)2015165,000176,000174,0002016221,000222,000213,0002017217,000264,000261,0002018459,000373,000366,00020192,322,0002,085,0001,960,00020206,799,0006,748,0007,445,000	
201251,000(129,000)(128,000)201317,00017,00017,0002014(257,000)(257,000)(254,000)2015165,000176,000174,0002016221,000222,000213,0002017217,000264,000261,0002018459,000373,000366,00020192,322,0002,085,0001,960,00020206,799,0006,748,0007,445,000	477,000
201317,00017,0002014(257,000)(257,000)2015165,000176,0002016221,000222,0002017217,000264,0002018459,000373,00020192,322,0002,085,00020206,799,0006,748,000	37,000
2014(257,000)(257,000)(254,000)2015165,000176,000174,0002016221,000222,000213,0002017217,000264,000261,0002018459,000373,000366,00020192,322,0002,085,0001,960,00020206,799,0006,748,0007,445,000	(127,000)
2015165,000176,000174,0002016221,000222,000213,0002017217,000264,000261,0002018459,000373,000366,00020192,322,0002,085,0001,960,00020206,799,0006,748,0007,445,000	17,000
2016         221,000         222,000         213,000           2017         217,000         264,000         261,000           2018         459,000         373,000         366,000           2019         2,322,000         2,085,000         1,960,000           2020         6,799,000         6,748,000         7,445,000	(251,000)
2017217,000264,000261,0002018459,000373,000366,00020192,322,0002,085,0001,960,00020206,799,0006,748,0007,445,000	172,000
2018459,000373,000366,00020192,322,0002,085,0001,960,00020206,799,0006,748,0007,445,000	204,000
20192,322,0002,085,0001,960,00020206,799,0006,748,0007,445,000	251,000
2020 6,799,000 6,748,000 7,445,000	357,000
	1,882,000
Private Passenger Total 37,753,000 10,024,000 10,574,000	8,102,000
	11,121,000
Non Private Passenger         prior         (2,000)         (2,000)         (1,000)           2011         27,000         <	-
2011         27,000         27,000         26,000           2012         (21,000)         (21,000)         (20,000)	25,000
2012 (31,000) (31,000) (30,000)	(29,000)
2013         290,000         290,000         284,000	273,000
2014 82,000 82,000 80,000	77,000
2015 188,000 154,000 151,000	145,000
2016 894,000 871,000 862,000	853,000
2017 474,000 479,000 474,000	455,000
2018 3,410,000 3,392,000 3,212,000	3,084,000
2019 10,458,000 8,821,000 7,939,000	7,145,000
	14,124,000
Non Private Passenger Total         28,506,000         27,769,000         27,032,000         27	26,152,000
Grand Total 66,259,000 37,793,000 37,606,000	37,273,000

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



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

#### page 6 of 10

Jurisdiction Desc AccountCode Desc	Alberta Undiscounted IBNR	discount rate: 0.00%			
Accountcode Desc	Provision		inte	erest rate margin:	0 basis pts
AccountCode	(All)				0 50010 pt5
AccidentYear	(All)				
	. ,	Prior Month	<b>Current Month</b>	1st Projected	2nd Projected
Sum of Amount		ShareYYMM			
Business Segment	Acc Year	202008	202009	202010	202011
Private Passenger	prior	59,000	59,000	58,000	54,000
	2011	18,000	18,000	17,000	16,000
	2012	22,000	22,000	21,000	20,000
	2013	62,000	62,000	60,000	57,000
	2014	(42,000)	58,000	56,000	53,000
	2015	77,000	77,000	74,000	70,000
	2016	202,000	202,000	200,000	198,000
	2017	402,000	376,000	365,000	361,000
	2018	431,000	377,000	365,000	347,000
	2019	1,031,000	979,000	940,000	893,000
	2020	1,465,000	1,680,000	1,664,000	1,739,000
Private Passenger Total		3,727,000	3,910,000	3,820,000	3,808,000
		60.000	<b>CO 000</b>	50.000	F 4 000
Non Private Passenger	prior	60,000	60,000	58,000	54,000
	2011	26,000	26,000	25,000	23,000
	2012	8,000	8,000	8,000	7,000
	2013	224,000	224,000	215,000	200,000
	2014	432,000	407,000	391,000	364,000
	2015	(194,000)	(176,000)	(169,000)	(157,000)
	2016	1,996,000	2,031,000	1,950,000	1,930,000
	2017	3,077,000	3,056,000	2,934,000	2,729,000
	2018	6,573,000	6,266,000	6,015,000	5,594,000
	2019	15,250,000	14,834,000	11,867,000	9,494,000
	2020	19,495,000	21,109,000	21,990,000	22,192,000
Non Private Passenger Tot	tal	46,947,000	47,845,000	45,284,000	42,430,000
Grand Total		50,674,000	51,755,000	49,104,000	46,238,000

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



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

# page 7 of 10

Jurisdiction Desc AccountCode Desc	Yukon Undiscounted IBNR	discount rate: 0.00%			
	Provision		inte	erest rate margin:	0 basis pts
AccountCode	(All)			_	
AccidentYear	(All)				
		Prior Month	<b>Current Month</b>	1st Projected	2nd Projected
Sum of Amount		ShareYYMM			
Business Segment	Acc Year	202008	202009	202010	202011
Private Passenger	prior	4,000	4,000	4,000	4,000
	2011	1,000	1,000	1,000	1,000
	2012	2,000	2,000	2,000	2,000
	2013	4,000	4,000	4,000	4,000
	2014	6,000	6,000	6,000	6,000
	2015	11,000	11,000	11,000	11,000
	2016	13,000	13,000	13,000	13,000
	2017	17,000	17,000	17,000	17,000
	2018	71,000	71,000	70,000	69,000
	2019	77,000	77,000	76,000	75,000
	2020	62,000	84,000	100,000	111,000
Private Passenger Total		268,000	290,000	304,000	313,000
		2 000	2 000	2 000	2 000
Non Private Passenger	prior	2,000	2,000	2,000	2,000
	2011		-	-	-
	2012	1,000	1,000	1,000	1,000
	2013	1,000	1,000	1,000	1,000
	2014	7,000	7,000	7,000	7,000
	2015	(15,000)	(15,000)	(15,000)	(15,000)
	2016	24,000	24,000	24,000	24,000
	2017	69,000	69,000	68,000	67,000
	2018	95,000	89,000	88,000	87,000
	2019	226,000	226,000	181,000	145,000
	2020	387,000	438,000	429,000	434,000
Non Private Passenger Tot	tal	797,000	842,000	786,000	753,000
Grand Total		1,065,000	1,132,000	1,090,000	1,066,000

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



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

# page 8 of 10

Jurisdiction Desc	Northwest Territories Undiscounted IBNR			discount rate:	0.00%
Accountcode Desc	Provision		inte	erest rate margin:	0 basis pts
AccountCode	(All)				
AccidentYear	(AII)				
		Prior Month	<b>Current Month</b>	1st Projected	2nd Projected
Sum of Amount		ShareYYMM			
Business Segment	Acc Year	202008	202009	202010	202011
Private Passenger	prior	(3,000)	(3,000)	(3,000)	(3,000)
	2011	(1,000)	(1,000)	(1,000)	(1,000)
	2012	5,000	5,000	5,000	5,000
	2013	6,000	6,000	6,000	6,000
	2014	8,000	8,000	8,000	8,000
	2015	21,000	21,000	21,000	21,000
	2016	32,000	32,000	32,000	32,000
	2017	70,000	70,000	69,000	68,000
	2018	240,000	273,000	270,000	267,000
	2019	271,000	341,000	324,000	321,000
	2020	172,000	223,000	229,000	277,000
Private Passenger Total		821,000	975,000	960,000	1,001,000
Non Private Passenger	prior	3,000	3,000	3,000	3,000
	2011		-	-	-
	2012		-	-	-
	2013	2,000	2,000	2,000	2,000
	2014	30,000	30,000	30,000	30,000
	2015	13,000	13,000	13,000	13,000
	2016	26,000	26,000	26,000	26,000
	2017	85,000	85,000	84,000	83,000
	2018	159,000	159,000	157,000	155,000
	2019	260,000	260,000	234,000	211,000
	2020	256,000	280,000	309,000	344,000
Non Private Passenger Tot	al	834,000	858,000	858,000	867,000
Grand Total		1,655,000	1,833,000	1,818,000	1,868,000

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



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

#### page 9 of 10

Jurisdiction Desc	Nunavut Undiscounted IBNR	discount rate: 0.00%			
AccountCode Desc	Provision		int	erest rate margin:	0 basis nts
AccountCode	(All)		inte		o basis pts
AccidentYear	(All)				
	()	Prior Month	Current Month	1st Projected	2nd Projected
Sum of Amount		ShareYYMM			
Business Segment	Acc Year	202008	202009	202010	202011
Private Passenger	prior	-	-	-	-
	2011	1 000	-	-	-
	2012	1,000	1,000	1,000	1,000
	2013	1,000	1,000	1,000	1,000
	2014	1,000	1,000	1,000	1,000
	2015	2,000	2,000	2,000	2,000
	2016	5,000	5,000	5,000	5,000
	2017	10,000	10,000	10,000	10,000
	2018	10,000	10,000	10,000	10,000
	2019	23,000	23,000	23,000	23,000
Duivete Dessey any Total	2020	9,000	13,000	14,000	15,000
Private Passenger Total		62,000	66,000	67,000	68,000
Non Private Passenger	prior		-	-	-
	2011		-	-	-
	2012		-	-	-
	2013		-	-	-
	2014	3,000	173,000	171,000	169,000
	2015	3,000	3,000	3,000	3,000
	2016	15,000	15,000	15,000	15,000
	2017	48,000	48,000	48,000	48,000
	2018	64,000	64,000	63,000	62,000
	2019	179,000	179,000	161,000	145,000
	2020	122,000	141,000	147,000	156,000
Non Private Passenger To	tal	434,000	623,000	608,000	598,000
Grand Total		496,000	689,000	675 000	666 000
		490,000	005,000	675,000	666,000

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



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

# page 10 of 10

Jurisdiction Desc AccountCode Desc	(All) Undiscounted IBNR	discount rate: 0.00%				
	Provision		inte	erest rate margin:	0 basis pts	
AccountCode	(All)					
AccidentYear	(All)					
		Prior Month	<b>Current Month</b>	1st Projected	2nd Projected	
Sum of Amount		ShareYYMM				
Business Segment	Acc Year	202008	202009	202010	202011	
Private Passenger	prior	27,829,000	596,000	589,000	576,000	
	2011	69,000	69,000	67,000	66,000	
	2012	121,000	(59,000)	(61,000)	(62,000)	
	2013	128,000	128,000	124,000	120,000	
	2014	(134,000)	(49,000)	(54,000)	(56,000)	
	2015	622,000	657,000	637,000	628,000	
	2016	1,007,000	843,000	813,000	796,000	
	2017	2,582,000	2,479,000	2,389,000	2,310,000	
	2018	5,322,000	4,927,000	4,708,000	4,448,000	
	2019	9,732,000	9,357,000	8,978,000	8,558,000	
	2020	18,802,000	19,938,000	20,650,000	22,003,000	
Private Passenger Total		66,080,000	38,886,000	38,840,000	39,387,000	
		~~~~~	~~ ~~~			
Non Private Passenger	prior	63,000	65,000	64,000	61,000	
	2011	53,000	53,000	51,000	48,000	
	2012	(23,000)	(23,000)	(22,000)	(22,000)	
	2013	481,000	481,000	467,000	442,000	
	2014	557,000	653,000	633,000	601,000	
	2015	3,000	(169,000)	(159,000)	(147,000)	
	2016	3,209,000	3,137,000	3,042,000	3,007,000	
	2017	4,843,000	4,833,000	4,660,000	4,406,000	
	2018	12,293,000	11,775,000	11,322,000	10,700,000	
	2019	30,957,000	28,735,000	23,991,000	20,096,000	
	2020	38,895,000	43,118,000	44,865,000	45,621,000	
Non Private Passenger Tot	al	91,331,000	92,658,000	88,914,000	84,813,000	
Grand Total		157,411,000	131,544,000	127,754,000	124,200,000	

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



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

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Jurisdiction Desc AccountCode Desc	Newfoundland & Labrador Retro Claims		discount rate: 0.27%			
	Expense		inte	erest rate margin:	25 basis pts	
AccountCode	(All)					
AccidentYear	(All)					
		Prior Month	<b>Current Month</b>	1st Projected	2nd Projected	
Sum of Amount		ShareYYMM				
Business Segment	Acc Year	202008	202009	202010	202011	
		57.000	57.000	57.000		
Private Passenger	prior	57,000	57,000	57,000	57,000	
	2011	57,000	57,000	56,000	55,000	
	2012	102,000	102,000	101,000	100,000	
	2013	149,000	149,000	146,000	144,000	
	2014	194,000	194,000	190,000	187,000	
	2015	386,000	386,000	383,000	380,000	
	2016	389,000	389,000	384,000	380,000	
	2017	230,000	230,000	227,000	223,000	
	2018	485,000	465,000	461,000	456,000	
	2019	506,000	506,000	501,000	497,000	
	2020	160,000	182,000	167,369	145,369	
Private Passenger Total		2,715,000	2,717,000	2,673,369	2,624,369	
		24.000	24.000	24.000	24.000	
Non Private Passenger	prior	21,000	21,000	21,000	21,000	
	2011	17,000	17,000	17,000	17,000	
	2012	26,000	26,000	26,000	26,000	
	2013	37,000	37,000	36,000	36,000	
	2014	52,000	52,000	51,000	50,000	
	2015	115,000	115,000	114,000	114,000	
	2016	129,000	129,000	128,000	127,000	
	2017	80,000	80,000	79,000	78,000	
	2018	183,000	176,000	174,000	173,000	
	2019	196,000	196,000	193,000	191,000	
	2020	53,000	62,000	56,410	48,410	
Non Private Passenger Tot	al	909,000	911,000	895,410	881,410	
Grand Total		3,624,000	3,628,000	3,568,779	3,505,779	



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

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Jurisdiction Desc	New Brunswick		discount rate: 0.27%		
AccountCode Desc	Retro Claims				
AssessmentCondo	Expense		interest rate margin: 25 basis pts		
AccountCode	(All)				
AccidentYear	(All)	Prior Month	Current Month	1 at Drojected	2nd Drojected
Sum of Amount		ShareYYMM	current wonth	1st Projected	2nd Projected
Business Segment	Acc Year	202008	202009	202010	202011
business segment	ACCTEd	202008	202009	202010	202011
Private Passenger	prior	12,000	12,000	13,000	14,000
-	2011	57,000	57,000	55,000	53,000
	2012	85,000	85,000	83,000	80,000
	2013	82,000	82,000	79,000	78,000
	2014	114,000	114,000	111,000	108,000
	2015	261,000	261,000	255,000	250,000
	2016	210,000	210,000	204,000	197,000
	2017	228,000	228,000	221,000	214,000
	2018	200,000	200,000	193,000	186,000
	2019	291,000	291,000	283,000	275,000
	2020	105,000	119,000	119,296	130,296
Private Passenger Total		1,645,000	1,659,000	1,616,296	1,585,296
Non Private Passenger	prior	12,000	12,000	12,000	12,000
	2011	43,000	43,000	42,000	41,000
	2012	63,000	63,000	62,000	61,000
	2013	58,000	58,000	57,000	56,000
	2014	75,000	75,000	74,000	73,000
	2015	160,000	160,000	158,000	156,000
	2016	127,000	127,000	124,000	122,000
	2017 2018	146,000	146,000	142,000	140,000
	2018	145,000 232,000	145,000 232,000	141,000 227,000	138,000 223,000
	2019	86,000	232,000 97,000	96,283	108,283
Non Private Passenger Tot		<b>1,147,000</b>	<b>1,158,000</b>	<b>1,135,283</b>	1,130,283
Non Flivate rasseliger 10	.ai	1,147,000	1,130,000	1,133,203	1,130,283
Grand Total		2,792,000	2,817,000	2,751,579	2,715,579



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

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Jurisdiction Desc	Nova Scotia		discount rate: 0.27%		
AccountCode Desc	Retro Claims		interest rate margin: 25 basis pts		
AssountCode	Expense		Inte	erest rate margin:	25 basis pts
AccountCode	(All)				
AccidentYear	(All)	Prior Month	Current Month	1st Drojested	2nd Projected
Sum of Amount		ShareYYMM	current wonth	1st Projected	2nd Projected
Business Segment	Acc Year	202008	202009	202010	202011
business segment	Accilear	202008	202009	202010	202011
Private Passenger	prior	96,000	96,000	96,000	96,000
Ŭ	2011	33,000	33,000	31,000	30,000
	2012	43,000	43,000	42,000	41,000
	2013	53,000	53,000	52,000	51,000
	2014	54,000	54,000	53,000	52,000
	2015	28,000	28,000	27,000	26,000
	2016	85,000	85,000	83,000	81,000
	2017	90,000	83,000	80,000	78,000
	2018	124,000	124,000	122,000	119,000
	2019	227,000	227,000	222,000	218,000
	2020	47,000	53,000	60,729	67,729
Private Passenger Total		880,000	879,000	868,729	859,729
Non Private Passenger	prior	41,000	41,000	41,000	41,000
	2011	32,000	32,000	31,000	30,000
	2012	47,000	47,000	46,000	45,000
	2013	64,000	64,000	63,000	62,000
	2014	69,000	69,000	68,000	68,000
	2015	40,000	40,000	37,000	35,000
	2016	118,000	118,000	115,000	113,000
	2017	121,000	110,000	107,000	105,000
	2018	152,000	152,000	148,000	145,000
	2019	215,000	215,000	210,000	206,000
	2020	51,000	58,000	64,301	71,301
Non Private Passenger Tot	ai	950,000	946,000	930,301	921,301
Grand Total		1,830,000	1,825,000	1,799,030	1,781,030
		• •	• •	• •	



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

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Jurisdiction Desc AccountCode Desc	Prince Edward Island Retro Claims			discount rate:	0.27%
	Expense		inte	erest rate margin:	25 basis pts
AccountCode	(All)			-	·
AccidentYear	(All)				
		Prior Month	<b>Current Month</b>	1st Projected	2nd Projected
Sum of Amount		ShareYYMM			
Business Segment	Acc Year	202008	202009	202010	202011
		40.000	42.000	42.000	42.000
Private Passenger	prior	13,000	13,000	13,000	13,000
	2011	9,000	9,000	9,000	9,000
	2012	15,000	15,000	15,000	15,000
	2013	21,000	21,000	21,000	21,000
	2014	28,000	28,000	26,000	26,000
	2015	31,000	31,000	30,000	29,000
	2016	58,000	58,000	58,000	58,000
	2017	39,000	39,000	38,000	37,000
	2018	1,000	1,000	-	(2,000)
	2019	40,000	40,000	39,000	37,000
	2020	8,000	10,000	13,999	15,999
Private Passenger Total		263,000	265,000	262,999	258,999
Non Private Passenger	prior	6,000	6,000	6,000	6,000
iten i intate i assenger	2011	6,000	6,000	6,000	6,000
	2012	9,000	9,000	9,000	9,000
	2013	13,000	13,000	13,000	13,000
	2014	18,000	18,000	18,000	18,000
	2015	20,000	20,000	20,000	20,000
	2016	39,000	39,000	39,000	39,000
	2017	27,000	27,000	25,000	25,000
	2018	1,000	1,000	(1,000)	(2,000)
	2019	36,000	36,000	35,000	34,000
	2020	9,000	11,000	14,560	15,560
Non Private Passenger Tot		184,000	186,000	184,560	183,560
		- ,	,	- ,	,
Grand Total		447,000	451,000	447,559	442,559



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

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Jurisdiction Desc	Ontario		discount rate: 0.27%		
AccountCode Desc	Retro Claims		interest rate margin: 25 basis pts		
AccountCodo	Expense		Inte	erest rate margin:	25 basis pts
AccountCode	(All)				
AccidentYear	(All)	Prior Month	Current Month	1 at Drojected	2nd Droinstad
Sum of Amount		ShareYYMM	Current Month	1st Projected	2nd Projected
Business Segment	Acc Year	202008	202009	202010	202011
business segment	Accited	202008	202009	202010	202011
Private Passenger	prior	2,318,000	2,203,000	2,135,000	2,073,000
-	2011	321,000	306,000	297,000	288,000
	2012	427,000	419,000	407,000	396,000
	2013	420,000	413,000	400,000	388,000
	2014	426,000	424,000	410,000	398,000
	2015	539,000	539,000	526,000	513,000
	2016	448,000	447,000	433,000	420,000
	2017	532,000	532,000	516,000	501,000
	2018	614,000	611,000	591,000	571,000
	2019	1,341,000	1,337,000	1,300,000	1,264,000
	2020	525,000	563,000	622,114	692,114
Private Passenger Total		7,911,000	7,794,000	7,637,114	7,504,114
Non Drivoto Doccongor	prior	817,000	754,000	736,000	720,000
Non Private Passenger	prior 2011	254,000	242,000	238,000	233,000
	2012	393,000	385,000	376,000	369,000
	2012	638,000	626,000	614,000	603,000
	2013	794,000	789,000	773,000	758,000
	2015	1,198,000	1,198,000	1,180,000	1,161,000
	2016	991,000	990,000	970,000	951,000
	2010	1,180,000	1,180,000	1,157,000	1,134,000
	2018	1,928,000	1,923,000	1,881,000	1,839,000
	2019	4,139,000	4,128,000	4,051,000	3,974,000
	2020	1,209,000	1,305,000	1,444,941	1,607,941
		, ,	, ,	, ,	
Non Private Passenger Tot	al	13,541,000	13,520,000	13,420,941	13,349,941



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

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Jurisdiction Desc	Alberta	discount rate: 0.27%			
AccountCode Desc	Retro Claims	interest rate margin, 25 basis ats			
AccountCode	<b>Expense</b> (All)		interest rate margin: 25 basis pts		
AccidentYear	(All)				
Accidentifeat	(All)	Prior Month	Current Month	1st Projected	2nd Projected
Sum of Amount		ShareYYMM	current wonth	Istriojecteu	Zhu Projecteu
Business Segment	Acc Year	202008	202009	202010	202011
Private Passenger	prior	205,000	205,000	202,000	199,000
	2011	24,000	4,000	4,000	4,000
	2012	35,000	35,000	34,000	33,000
	2013	51,000	51,000	50,000	48,000
	2014	65,000	65,000	64,000	63,000
	2015	57,000	57,000	56,000	55,000
	2016	39,000	39,000	47,000	37,000
	2017	48,000	48,000	47,000	46,000
	2018	157,000	157,000	149,000	148,000
	2019	141,000	141,000	140,000	139,000
	2020	(18,000)	(23,000)	(39,769)	(54,769)
Private Passenger Total		804,000	779,000	753,231	717,231
		650.000	650.000	654.000	<b>640 000</b>
Non Private Passenger	prior	659,000	659,000	654,000	648,000
	2011 2012	84,000	15,000	15,000	15,000
		129,000	129,000	128,000	127,000
	2013 2014	199,000 281,000	199,000 281,000	197,000 277,000	195,000
	2014	281,000	281,000	268,000	274,000 264,000
	2015	212,000	271,000	259,000	264,000 206,000
	2018	305,000	305,000	301,000	208,000
	2017	1,237,000	1,237,000	1,175,000	1,172,000
	2018	1,452,000	1,452,000	1,444,000	1,438,000
	2019	(201,000)	(270,000)	(461,644)	(679,644)
Non Private Passenger Tot		4,628,000	4,490,000	4,256,356	3,957,356
item i mate i assenger for		4,020,000	4,450,000	4,230,330	3,557,350
Grand Total		5,432,000	5,269,000	5,009,587	4,674,587
		• •		• •	



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

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Jurisdiction Desc	Yukon	discount rate: 0.27%			
AccountCode Desc	Retro Claims	interest rate margin: 25 basis pts			25 hasis ats
AccountCode	<b>Expense</b> (All)		IIIte	erest rate margin.	25 basis pts
AccidentYear	(All)				
, locident i cui	(,)	Prior Month	Current Month	1st Projected	2nd Projected
Sum of Amount		ShareYYMM			
Business Segment	Acc Year	202008	202009	202010	202011
Private Passenger	prior	8,000	8,000	8,000	8,000
riivate rasseligei	2011	1,000	1,000	1,000	1,000
	2011	2,000	2,000	2,000	2,000
	2012	3,000	3,000	3,000	3,000
	2013	4,000	4,000	4,000	4,000
	2015	(17,000)	(17,000)	(15,000)	(15,000)
	2015	(3,000)	(3,000)	(13,000)	(3,000)
	2017	2,000	2,000	2,000	2,000
	2018	6,000	6,000	6,000	6,000
	2019	0,000	-	-	-
	2020	(3,000)	(4,000)	(4,930)	(5,930)
Private Passenger Total		3,000	2,000	3,070	2,070
Non Private Passenger	prior	6,000	6,000	6,000	6,000
	2011	2,000	2,000	2,000	2,000
	2012	3,000	3,000	3,000	3,000
	2013	4,000	4,000	4,000	4,000
	2014	6,000	6,000	6,000	6,000
	2015	(26,000)	(26,000)	(23,000)	(23,000)
	2016	(7,000)	(7,000)	(7,000)	(7,000)
	2017	6,000	6,000	6,000	6,000
	2018 2019	26,000	26,000	26,000	26,000
	2019	2,000 (14,000)	2,000 (15,000)	2,000 (24,331)	2,000 (25,331)
Non Private Passenger Tot		8,000	7,000	(24,331) 669	(25,331)
ivon ritvate rassenger 10		8,000	7,000	009	(331)
Grand Total		11,000	9,000	3,739	1,739



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

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Jurisdiction Desc AccountCode Desc	Northwest Territories Retro Claims	discount rate: 0.27%			
Accountcode Desc	Expense		interest rate margin: 25 basis p		
AccountCode	(All)				20 00010 pto
AccidentYear	(All)				
		Prior Month	<b>Current Month</b>	1st Projected	2nd Projected
Sum of Amount		ShareYYMM			
Business Segment	Acc Year	202008	202009	202010	202011
Private Passenger	prior	7 000	-	-	-
	2011	7,000	7,000	7,000	7,000
	2012	10,000	10,000	10,000	10,000
	2013	13,000	13,000	13,000	13,000
	2014	19,000	19,000	19,000	19,000
	2015	(1,000)	(1,000)	(1,000)	(1,000)
	2016	22,000	22,000	22,000	22,000
	2017	11,000	11,000	11,000	11,000
	2018	(4,000)	(4,000)	(4,000)	(4,000)
	2019	19,000	19,000	19,000	19,000
	2020	(26,000)	(29,000)	(41,426)	(44,426)
Private Passenger Total		70,000	67,000	54,574	51,574
Non Private Passenger	prior		-	-	-
0	2011	2,000	2,000	2,000	2,000
	2012	3,000	3,000	3,000	3,000
	2013	4,000	4,000	4,000	4,000
	2014	7,000	7,000	7,000	7,000
	2015	(1,000)	(1,000)	(1,000)	(1,000)
	2016	8,000	8,000	8,000	8,000
	2017	5,000	5,000	5,000	5,000
	2018	(3,000)	(3,000)	(3,000)	(3,000)
	2019	11,000	11,000	11,000	11,000
	2020	(17,000)	(18,000)	(31,302)	(33,302)
Non Private Passenger Tot	tal	19,000	18,000	4,698	2,698
Crond Total		80.000	85.000	F0 373	F4 272
Grand Total		89,000	85,000	59,272	54,272



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

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Jurisdiction Desc	Nunavut	discount rate: 0.27%			
AccountCode Desc	Retro Claims Expense		inte	erest rate margin:	25 hasis nts
AccountCode	(All)		inte	erest rate margin.	25 08315 Pt5
AccidentYear	(All)				
needentredi	(,,	Prior Month	Current Month	1st Projected	2nd Projected
Sum of Amount		ShareYYMM			
Business Segment	Acc Year	202008	202009	202010	202011
Private Passenger	prior		-	-	-
	2011	2,000	2,000	2,000	2,000
	2012	2,000	2,000	2,000	2,000
	2013	3,000	3,000	3,000	3,000
	2014	4,000	4,000	4,000	4,000
	2015	4,000	4,000	4,000	4,000
	2016	4,000	4,000	4,000	4,000
	2017	2,000	2,000	2,000	2,000
	2018		-	-	-
	2019	1,000	1,000	1,000	1,000
	2020	(2,000)	(3,000)	(4,315)	(4,315)
Private Passenger Total		20,000	19,000	17,685	17,685
Non Private Passenger	prior		-	-	-
	2011	1,000	1,000	1,000	1,000
	2012	2,000	2,000	2,000	2,000
	2013	2,000	2,000	2,000	2,000
	2014	3,000	3,000	3,000	3,000
	2015	4,000	4,000	4,000	4,000
	2016	4,000	4,000	4,000	4,000
	2017	6,000	6,000	6,000	6,000
	2018	2,000	2,000	2,000	2,000
	2019	7,000	7,000	8,000	8,000
	2020	(13,000)	(14,000)	(17,597)	(17,597)
Non Private Passenger Tot	tal	18,000	17,000	14,403	14,403
Grand Total		38,000	36,000	32,088	32,088
Grand Total		30,000	30,000	52,000	52,000



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

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Jurisdiction Desc	(All)		discount rate: 0.27%		
AccountCode Desc	<b>Retro Claims</b>				
	Expense		inte	erest rate margin:	25 basis pts
AccountCode	(All)				
AccidentYear	(All)				
		Prior Month	Current Month	1st Projected	2nd Projected
Sum of Amount		ShareYYMM			
Business Segment	Acc Year	202008	202009	202010	202011
Private Passenger	prior	2,709,000	2,594,000	2,524,000	2,460,000
	2011	511,000	476,000	462,000	449,000
	2012	721,000	713,000	696,000	679,000
	2013	795,000	788,000	767,000	749,000
	2014	908,000	906,000	881,000	861,000
	2015	1,288,000	1,288,000	1,265,000	1,241,000
	2016	1,252,000	1,251,000	1,232,000	1,196,000
	2017	1,182,000	1,175,000	1,144,000	1,114,000
	2018	1,583,000	1,560,000	1,518,000	1,480,000
	2019	2,566,000	2,562,000	2,505,000	2,450,000
	2020	796,000	868,000	893,067	942,067
Private Passenger Total		14,311,000	14,181,000	13,887,067	13,621,067
			1 400 000	4 476 000	4 45 4 000
Non Private Passenger	prior	1,562,000	1,499,000	1,476,000	1,454,000
	2011 2012	441,000	360,000	354,000	347,000
	2012	675,000	667,000	655,000 990,000	645,000
	2013	1,019,000 1,305,000	1,007,000 1,300,000	1,277,000	975,000 1,257,000
	2014	1,781,000	1,781,000	1,757,000	1,237,000
	2015	1,621,000	1,620,000	1,640,000	1,563,000
	2018	1,821,000	1,865,000	1,828,000	1,563,000
	2017	3,671,000	3,659,000	3,543,000	3,490,000
	2018	6,290,000	6,279,000	6,181,000	6,087,000
	2019	1,163,000	1,216,000	1,141,621	1,095,621
Non Private Passenger Tot		21,404,000	21,253,000	20,842,621	20,440,621
		, ,			
Grand Total		35,715,000	35,434,000	34,729,688	34,061,688



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

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AccountCode Desc				discount rate:	0.00%
	Undiscounted Retro Claims Expense	interest rate margin: 0 basis pt			Ω hasis nts
AccountCode	(All)		inco		0 00313 pt5
AccidentYear	(All)				
Reductived	(/ 11)	Prior Month	Current Month	1st Projected	2nd Projected
Sum of Amount		ShareYYMM		200110,00000	
Business Segment	Acc Year	202008	202009	202010	202011
-					
Private Passenger	prior	51,000	51,000	51,000	51,000
	2011	52,000	52,000	51,000	50,000
	2012	93,000	93,000	92,000	91,000
	2013	135,000	135,000	133,000	131,000
	2014	176,000	176,000	173,000	170,000
	2015	344,000	344,000	341,000	338,000
	2016	323,000	323,000	319,000	315,000
	2017	165,000	165,000	162,000	159,000
	2018	377,000	377,000	373,000	369,000
	2019	388,000	388,000	384,000	380,000
	2020	72,000	83,000	56,369	24,369
Private Passenger Total		2,176,000	2,187,000	2,135,369	2,078,369
		10.000	10.000	40.000	40.000
Non Private Passenger	prior	19,000	19,000	19,000	19,000
	2011	15,000	15,000	15,000	15,000
	2012	24,000	24,000	24,000	24,000
	2013	34,000	34,000	33,000	33,000
	2014	48,000	48,000	47,000	46,000
	2015	103,000	103,000	102,000	101,000
	2016	107,000	107,000	106,000	105,000
	2017	57,000	57,000	56,000	55,000
	2018	142,000	142,000	141,000	140,000
	2019	150,000	150,000	148,000	146,000
	2020	24,000	28,000	18,410	6,410
Non Private Passenger Tota	ai	723,000	727,000	709,410	690,410
Grand Total		2,899,000	2,914,000	2,844,779	2,768,779



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

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Jurisdiction Desc AccountCode Desc	New Brunswick Undiscounted		discount rate: 0.00%			
	Retro Claims Expense		inte	erest rate margin:	0 hasis nts	
AccountCode	(All)		inte		0 00313 pt3	
AccidentYear	(All)					
		Prior Month	<b>Current Month</b>	1st Projected	2nd Projected	
Sum of Amount		ShareYYMM				
Business Segment	Acc Year	202008	202009	202010	202011	
Private Passenger	prior	7,000	7,000	8,000	9,000	
	2011	52,000	52,000	50,000	48,000	
	2012	77,000	77,000	75,000	73,000	
	2013	75,000	75,000	73,000	71,000	
	2014	104,000	104,000	101,000	98,000	
	2015	231,000	231,000	226,000	221,000	
	2016	165,000	165,000	159,000	153,000	
	2017	195,000	195,000	189,000	183,000	
	2018	137,000	137,000	131,000	125,000	
	2019	204,000	204,000	197,000	190,000	
	2020	32,000	35,000	38,296	43,296	
Private Passenger Total		1,279,000	1,282,000	1,247,296	1,214,296	
Non Private Passenger	prior	7,000	7,000	7,000	7,000	
	2011	39,000	39,000	38,000	37,000	
	2012	57,000	57,000	56,000	55,000	
	2013	53,000	53,000	52,000	51,000	
	2014	68,000	68,000	67,000	66,000	
	2015	142,000	142,000	140,000	138,000	
	2016	100,000	100,000	98,000	96,000	
	2017	125,000	125,000	122,000	120,000	
	2018	99,000	99,000	96,000	93,000	
	2019	162,000	162,000	158,000	154,000	
	2020	26,000	29,000	32,283	36,283	
Non Private Passenger Tot	tal	878,000	881,000	866,283	853,283	
Grand Total		2,157,000	2,163,000	2,113,579	2,067,579	



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

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Jurisdiction Desc AccountCode Desc	Nova Scotia Undiscounted Retro Claims	discount rate: 0.00%						
	Expense		interest rate margin: 0 basis pts					
AccountCode	(All)							
AccidentYear	(AII)							
		Prior Month	<b>Current Month</b>	1st Projected	2nd Projected			
Sum of Amount		ShareYYMM						
Business Segment	Acc Year	202008	202009	202010	202011			
Private Passenger	prior	87,000	87,000	87,000	87,000			
	2011	30,000	30,000	29,000	28,000			
	2012	39,000	39,000	38,000	37,000			
	2013	48,000	48,000	47,000	46,000			
	2014	49,000	49,000	48,000	47,000			
	2015	21,000	21,000	20,000	19,000			
	2016	70,000	70,000	68,000	66,000			
	2017	63,000	63,000	61,000	59,000			
	2018	83,000	83,000	81,000	79,000			
	2019	143,000	143,000	139,000	135,000			
	2020	(20,000)	(22,000)	(24,271)	(27,271)			
Private Passenger Total		613,000	611,000	593,729	575,729			
Non Private Passenger	prior	36,000	36,000	36,000	36,000			
	2011	29,000	29,000	28,000	27,000			
	2012	43,000	43,000	42,000	41,000			
	2013	58,000	58,000	57,000	56,000			
	2014	64,000	64,000	63,000	62,000			
	2015	30,000	30,000	28,000	26,000			
	2016	96,000	96,000	94,000	92,000			
	2017	85,000	85,000	82,000	80,000			
	2018	102,000	102,000	99,000	96,000			
	2019	136,000	136,000	132,000	128,000			
	2020	(21,000)	(25,000)	(27,699)	(31,699)			
Non Private Passenger Tot	tal	658,000	654,000	633,301	612,301			
Grand Total		1,271,000	1,265,000	1,227,030	1,188,030			



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

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AccountCode Desc	Island Undiscounted Retro Claims Expense			discount rate: (	0.0070
AccountCode ( AccidentYear ( Sum of Amount Business Segment / Private Passenger					
AccountCode ( AccidentYear ( Sum of Amount Business Segment / Private Passenger p	Fxpense				
AccidentYear ( Sum of Amount Business Segment Private Passenger	•		inte	erest rate margin: (	) basis pts
Sum of Amount Business Segment	(All)				
Business Segment	(All)	D. S. Marsh	C	And Destanted	2. J.D. Stated
Business Segment		Prior Month	Current Month	1st Projected	2nd Projected
Private Passenger	A V	ShareYYMM	202000	202010	202011
	Acc Year	202008	202009	202010	202011
	prior	12,000	12,000	12,000	12,000
	2011	8,000	8,000	8,000	8,000
	2012	14,000	14,000	14,000	14,000
	2012	19,000	19,000	19,000	19,000
	2013	25,000	25,000	24,000	24,000
	2015	23,000	23,000	22,000	21,000
	2016	49,000	49,000	49,000	49,000
2	2017	27,000	27,000	26,000	25,000
	2018	(8,000)	(8,000)	(9,000)	(10,000)
	2019	24,000	24,000	23,000	22,000
	2020	(3,000)	(3,000)	(3,001)	(3,001)
Private Passenger Total		190,000	190,000	184,999	180,999
Non Private Passenger	prior	6,000	6,000	6,000	6,000
2	2011	5,000	5,000	5,000	5,000
2	2012	8,000	8,000	8,000	8,000
	2013	12,000	12,000	12,000	12,000
2	2014	16,000	16,000	16,000	16,000
2	2015	15,000	15,000	15,000	15,000
2	2016	32,000	32,000	32,000	32,000
2	2017	18,000	18,000	17,000	17,000
2	2018	(6,000)	(6,000)	(7,000)	(8,000)
2	2019	22,000	22,000	21,000	20,000
	2020	(2,000)	(2,000)	(2,440)	(2,440)
Non Private Passenger Total		126,000	126,000	122,560	120,560
Grand Total		316,000	316,000	307,559	301,559



Retro Claims Expense Provision (\$s) - Nominal (<u>ex</u>cludes Actuarial Present Value Adjustments)

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Jurisdiction Desc AccountCode Desc	Ontario Undiscounted Retro Claims		discount rate: 0.00%					
	Expense		interest rate margin: 0 basis pts					
AccountCode	(All)				0 00010 pt0			
AccidentYear	(All)							
	. ,	Prior Month	<b>Current Month</b>	1st Projected	2nd Projected			
Sum of Amount		ShareYYMM						
Business Segment	Acc Year	202008	202009	202010	202011			
Private Passenger	prior	2,107,000	2,002,000	1,942,000	1,884,000			
	2011	292,000	278,000	270,000	262,000			
	2012	390,000	383,000	372,000	361,000			
	2013	382,000	375,000	364,000	353,000			
	2014	387,000	385,000	373,000	362,000			
	2015	486,000	486,000	474,000	463,000			
	2016	382,000	381,000	369,000	357,000			
	2017	458,000	458,000	444,000	430,000			
	2018	491,000	489,000	471,000	453,000			
	2019	1,119,000	1,116,000	1,083,000	1,051,000			
	2020	262,000	298,000	325,114	362,114			
Private Passenger Total		6,756,000	6,651,000	6,487,114	6,338,114			
Non Private Passenger	prior	742,000	684,000	669,000	654,000			
Non Filvate Fassenger	2011	231,000	220,000	216,000	212,000			
	2011	357,000	350,000	343,000	336,000			
	2012	582,000	571,000	560,000	549,000			
	2013	722,000	717,000	703,000	689,000			
	2014	1,082,000	1,082,000	1,065,000	1,048,000			
	2013	847,000	846,000	828,000	810,000			
	2010	1,017,000	1,017,000	996,000	975,000			
	2017	1,546,000	1,542,000	1,504,000	1,467,000			
	2018	3,461,000	3,451,000	3,382,000	3,314,000			
	2019	599,000	683,000	744,941	829,941			
Non Private Passenger Tot		11,186,000	11,163,000	11,010,941	10,883,941			
Non i fivate rassenger for		11,100,000	11,103,000	11,010,341	10,003,941			
Grand Total		17,942,000	17,814,000	17,498,055	17,222,055			



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

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Jurisdiction Desc AccountCode Desc	Alberta Undiscounted Retro Claims	discount rate: 0.00%					
	Expense		inte	erest rate margin:	0 hasis nts		
AccountCode	(All)		interest rate margin: 0 basis pts				
AccidentYear	(All)						
		Prior Month	<b>Current Month</b>	1st Projected	2nd Projected		
Sum of Amount		ShareYYMM					
Business Segment	Acc Year	202008	202009	202010	202011		
Private Passenger	prior	186,000	186,000	183,000	180,000		
	2011	22,000	4,000	4,000	4,000		
	2012	32,000	32,000	31,000	30,000		
	2013	46,000	46,000	45,000	44,000		
	2014	59,000	59,000	58,000	57,000		
	2015	51,000	51,000	50,000	49,000		
	2016	34,000	34,000	33,000	32,000		
	2017	44,000	44,000	43,000	42,000		
	2018	124,000	124,000	123,000	122,000		
	2019	105,000	105,000	104,000	103,000		
	2020	(25,000)	(28,000)	(44,769)	(60,769)		
Private Passenger Total		678,000	657,000	629,231	602,231		
Non Private Passenger	prior	599,000	599,000	594,000	589,000		
	2011	76,000	14,000	14,000	14,000		
	2012	117,000	117,000	116,000	115,000		
	2013	181,000	181,000	179,000	177,000		
	2014	255,000	255,000	252,000	249,000		
	2015	241,000	241,000	238,000	235,000		
	2016	184,000	184,000	181,000	178,000		
	2017	277,000	277,000	274,000	271,000		
	2018	974,000	974,000	972,000	970,000		
	2019	1,086,000	1,086,000	1,080,000	1,074,000		
	2020	(286,000)	(324,000)	(525,644)	(747,644)		
Non Private Passenger Tot		3,704,000	3,604,000	3,374,356	3,124,356		
		-,	-,	-,	-,,		
Grand Total		4,382,000	4,261,000	4,003,587	3,726,587		



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

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Jurisdiction Desc AccountCode Desc	Yukon Undiscounted Retro Claims	discount rate: 0.00%						
	Expense		interest rate margin: 0 basis pts					
AccountCode	(All)		interest rate margin. O basis pro					
AccidentYear	(AII)							
		Prior Month	<b>Current Month</b>	1st Projected	2nd Projected			
Sum of Amount		ShareYYMM						
Business Segment	Acc Year	202008	202009	202010	202011			
Private Passenger	prior	7,000	7,000	7,000	7,000			
	2011	1,000	1,000	1,000	1,000			
	2012	2,000	2,000	2,000	2,000			
	2013	3,000	3,000	3,000	3,000			
	2014	4,000	4,000	4,000	4,000			
	2015	(18,000)	(18,000)	(18,000)	(18,000)			
	2016	(4,000)	(4,000)	(4,000)	(4,000)			
	2017		-	-	-			
	2018	5,000	5,000	5,000	5,000			
	2019	(1,000)	(1,000)	(1,000)	(1,000)			
	2020	(4,000)	(5,000)	(5,930)	(6,930)			
Private Passenger Total		(5,000)	(6,000)	(6,930)	(7,930)			
Non Private Passenger	prior	5,000	5,000	5,000	5,000			
	2011	2,000	2,000	2,000	2,000			
	2012	3,000	3,000	3,000	3,000			
	2013	4,000	4,000	4,000	4,000			
	2014	5,000	5,000	5,000	5,000			
	2015	(27,000)	(27,000)	(27,000)	(27,000)			
	2016	(9,000)	(9,000)	(9,000)	(9,000)			
	2017	(2,000)	(2,000)	(2,000)	(2,000)			
	2018	21,000	21,000	21,000	21,000			
	2019	(4,000)	(4,000)	(4,000)	(4,000)			
	2020	(19,000)	(21,000)	(29,331)	(31,331)			
Non Private Passenger Tot	tal	(21,000)	(23,000)	(31,331)	(33,331)			
Grand Total		(26,000)	(29,000)	(38,261)	(41,261)			
		(_0,000)	()	(00,201)	(,_0_)			



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

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Jurisdiction Desc	Northwest Territories			discount rate:	0.00%
AccountCode Desc	Undiscounted			discount rate.	0.0076
	Retro Claims				
	Expense		inte	erest rate margin:	0 basis pts
AccountCode	(All)			0	·
AccidentYear	(All)				
		Prior Month	<b>Current Month</b>	1st Projected	2nd Projected
Sum of Amount		ShareYYMM			
Business Segment	Acc Year	202008	202009	202010	202011
Private Passenger	prior		-	-	-
	2011	6,000	6,000	6,000	6,000
	2012	9,000	9,000	9,000	9,000
	2013	12,000	12,000	12,000	12,000
	2014	17,000	17,000	17,000	17,000
	2015	(3,000)	(3,000)	(3,000)	(3,000)
	2016	20,000	20,000	20,000	20,000
	2017	6,000	6,000	6,000	6,000
	2018	(9,000)	(9,000)	(9,000)	(9,000)
	2019	9,000	9,000	9,000	9,000
	2020	(32,000)	(36,000)	(49,426)	(53,426)
Private Passenger Total		35,000	31,000	17,574	13,574
Non Private Passenger	prior		-	-	
Non Private Passenger	prior 2011	2,000	- 2,000	- 2,000	2,000
	2011	3,000	3,000	3,000	3,000
	2012	4,000	4,000	4,000	4,000
	2013	6,000	6,000	6,000	6,000
	2014	(2,000)	(2,000)	(2,000)	(2,000)
	2016 2017	7,000 3,000	7,000 3,000	7,000	7,000
	-			3,000	3,000
	2018	(5,000)	(5,000)	(5,000)	(5,000)
	2019	5,000	5,000	5,000	5,000
Nen Drivete Desseres Tel	2020	(21,000)	(23,000)	(36,302)	(39,302)
Non Private Passenger Tot		2,000	-	(13,302)	(16,302)
Grand Total		37,000	31,000	4,272	(2,728)



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

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Jurisdiction Desc AccountCode Desc	Nunavut Undiscounted Retro Claims		discount rate: 0.00%					
	Expense		inte	erest rate margin:	0 hasis nts			
AccountCode	(All)		interest rate margin: 0 basis pts					
AccidentYear	(All)							
	· · /	Prior Month	<b>Current Month</b>	1st Projected	2nd Projected			
Sum of Amount		ShareYYMM						
Business Segment	Acc Year	202008	202009	202010	202011			
Private Passenger	prior		-	-	-			
	2011	2,000	2,000	2,000	2,000			
	2012	2,000	2,000	2,000	2,000			
	2013	3,000	3,000	3,000	3,000			
	2014	4,000	4,000	4,000	4,000			
	2015	4,000	4,000	4,000	4,000			
	2016	4,000	4,000	4,000	4,000			
	2017	2,000	2,000	2,000	2,000			
	2018		-	-	-			
	2019	1,000	1,000	1,000	1,000			
	2020	(2,000)	(3,000)	(4,315)	(4,315)			
Private Passenger Total		20,000	19,000	17,685	17,685			
Non Private Passenger	prior		-	-	-			
	2011	1,000	1,000	1,000	1,000			
	2012	2,000	2,000	2,000	2,000			
	2013	2,000	2,000	2,000	2,000			
	2014	3,000	3,000	3,000	3,000			
	2015	4,000	4,000	4,000	4,000			
	2016	4,000	4,000	4,000	4,000			
	2017	5,000	5,000	5,000	5,000			
	2018	1,000	1,000	1,000	1,000			
	2019	6,000	6,000	6,000	6,000			
	2020	(13,000)	(14,000)	(17,597)	(18,597)			
Non Private Passenger Tot	al	15,000	14,000	10,403	9,403			



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

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Sum of Amount Business Segment         ShareYYMM Acc Year         ShareYYMM 202008           Private Passenger         prior         2,457,000           2011         465,000           2012         658,000           2013         723,000           2014         825,000           2015         1,139,000           2016         1,043,000           2017         960,000           2018         1,200,000           2019         1,992,000           2020         280,000           Private Passenger Total         11,742,000           Non Private Passenger         prior         1,414,000           2012         614,000         2013         930,000           2013         930,000         2014         1,187,000           2015         1,588,000         2015         1,588,000	inte irrent Month 202009 2,352,000 433,000 651,000 716,000 823,000 1,139,000	rest rate margin: ( 1st Projected 202010 2,290,000 421,000 635,000 699,000 802,000	D basis pts 2nd Projected 202011 2,230,000 409,000 619,000 682,000
AccountCode AccidentYear         (All)           Prior Month         Cu           Sum of Amount Business Segment         Acc Year         202008           Private Passenger         prior         2,457,000           2011         465,000         2012           2012         658,000         2013         723,000           2014         825,000         2015         1,139,000           2015         1,139,000         2016         1,043,000           2019         1,992,000         2019         1,992,000           2020         280,000         Private Passenger Total         11,742,000           Non Private Passenger         prior         1,414,000         2012         614,000           2013         930,000         2013         930,000         2013         930,000	2,352,000 433,000 651,000 716,000 823,000	1st Projected 202010 2,290,000 421,000 635,000 699,000 802,000	<b>2nd Projected</b> <b>202011</b> 2,230,000 409,000 619,000
AccidentYear         (All)           Prior Month         Cu           Sum of Amount         ShareYYMM           Business Segment         Acc Year         202008           Private Passenger         prior         2,457,000           2011         465,000         2012           2012         658,000         2013         723,000           2014         825,000         2015         1,139,000           2015         1,139,000         2016         1,043,000           2017         960,000         2019         1,992,000           2019         1,992,000         2020         280,000           Private Passenger Total         11,742,000         2011         400,000           2012         614,000         2013         930,000           2013         930,000         2014         1,187,000           2013         930,000         2014         1,187,000	202009 2,352,000 433,000 651,000 716,000 823,000	<b>202010</b> 2,290,000 421,000 635,000 699,000 802,000	<b>202011</b> 2,230,000 409,000 619,000
Prior Month         Cu           Sum of Amount         ShareYYMM           Business Segment         Acc Year         202008           Private Passenger         prior         2,457,000           2011         465,000         2012           2012         658,000         2013         723,000           2014         825,000         2015         1,139,000           2015         1,139,000         2016         1,043,000           2017         960,000         2018         1,200,000           2019         1,992,000         2020         280,000           Private Passenger Total         11,742,000         11,742,000           Non Private Passenger         prior         1,414,000           2012         614,000         2013         930,000           2013         930,000         2014         1,187,000           2015         1,588,000         2015         1,588,000	202009 2,352,000 433,000 651,000 716,000 823,000	<b>202010</b> 2,290,000 421,000 635,000 699,000 802,000	<b>202011</b> 2,230,000 409,000 619,000
Sum of Amount         ShareYYMM           Business Segment         Acc Year         202008           Private Passenger         prior         2,457,000           2011         465,000         2012           2013         723,000         2014           2015         1,139,000         2017         960,000           2017         960,000         2018         1,200,000           2019         1,992,000         2020         280,000           Private Passenger Total         11,742,000         11,742,000           Non Private Passenger         prior         1,414,000         2012         614,000           2013         930,000         2013         930,000         2013         930,000	202009 2,352,000 433,000 651,000 716,000 823,000	<b>202010</b> 2,290,000 421,000 635,000 699,000 802,000	<b>202011</b> 2,230,000 409,000 619,000
Business Segment         Acc Year         202008           Private Passenger         prior         2,457,000           2011         465,000         2012           2012         658,000         2013           2013         723,000         2014           2015         1,139,000         2015           2016         1,043,000         2017           2019         1,992,000         2019           2020         280,000         2011           Private Passenger Total         11,742,000           Non Private Passenger         prior         1,414,000           2012         614,000         2013           2013         930,000         2014           2015         1,187,000         2013	2,352,000 433,000 651,000 716,000 823,000	2,290,000 421,000 635,000 699,000 802,000	2,230,000 409,000 619,000
Private Passenger         prior         2,457,000           2011         465,000           2012         658,000           2013         723,000           2014         825,000           2015         1,139,000           2016         1,043,000           2019         1,992,000           2020         280,000           Private Passenger Total         11,742,000           Non Private Passenger         prior           1,414,000         2013           2013         930,000           2014         1,187,000           2015         1,588,000	2,352,000 433,000 651,000 716,000 823,000	2,290,000 421,000 635,000 699,000 802,000	2,230,000 409,000 619,000
2011       465,000         2012       658,000         2013       723,000         2014       825,000         2015       1,139,000         2016       1,043,000         2017       960,000         2018       1,200,000         2019       1,992,000         2020       280,000         Private Passenger Total         Non Private Passenger       prior         2011       400,000         2013       930,000         2014       1,187,000         2015       1,588,000	433,000 651,000 716,000 823,000	421,000 635,000 699,000 802,000	409,000 619,000
2011       465,000         2012       658,000         2013       723,000         2014       825,000         2015       1,139,000         2016       1,043,000         2017       960,000         2018       1,200,000         2019       1,992,000         2020       280,000         Private Passenger Total         Non Private Passenger       prior         2011       400,000         2013       930,000         2014       1,187,000         2015       1,588,000	433,000 651,000 716,000 823,000	421,000 635,000 699,000 802,000	409,000 619,000
2012       658,000         2013       723,000         2014       825,000         2015       1,139,000         2016       1,043,000         2017       960,000         2018       1,200,000         2019       1,992,000         2020       280,000         Private Passenger Total         Non Private Passenger       prior         2011       400,000         2013       930,000         2014       1,187,000         2015       1,588,000	651,000 716,000 823,000	635,000 699,000 802,000	619,000
2013       723,000         2014       825,000         2015       1,139,000         2016       1,043,000         2017       960,000         2018       1,200,000         2019       1,992,000         2020       280,000         Private Passenger Total         Non Private Passenger       prior         2011       400,000         2012       614,000         2013       930,000         2014       1,187,000         2015       1,588,000	716,000 823,000	699,000 802,000	
2014       825,000         2015       1,139,000         2016       1,043,000         2017       960,000         2018       1,200,000         2019       1,992,000         2020       280,000         Private Passenger Total       11,742,000         Non Private Passenger       prior         2011       400,000         2012       614,000         2013       930,000         2014       1,187,000         2015       1,588,000	823,000	802,000	682,000
2015       1,139,000         2016       1,043,000         2017       960,000         2018       1,200,000         2019       1,992,000         2020       280,000         Private Passenger Total       11,742,000         Non Private Passenger       prior         2012       614,000         2013       930,000         2014       1,187,000         2015       1,588,000			
2016       1,043,000         2017       960,000         2018       1,200,000         2019       1,992,000         2020       280,000         Private Passenger Total       11,742,000         Non Private Passenger       prior         2012       614,000         2013       930,000         2014       1,187,000         2015       1,588,000	1,139,000		783,000
2017         960,000           2018         1,200,000           2019         1,992,000           2020         280,000           Private Passenger Total         11,742,000           Non Private Passenger         prior           2012         614,000           2013         930,000           2014         1,187,000           2015         1,588,000		1,116,000	1,094,000
2018       1,200,000         2019       1,992,000         2020       280,000         Private Passenger Total       11,742,000         Non Private Passenger       prior         2011       400,000         2012       614,000         2013       930,000         2014       1,187,000         2015       1,588,000	1,042,000	1,017,000	992,000
2019         1,992,000           2020         280,000           Private Passenger Total         11,742,000           Non Private Passenger         prior           2011         400,000           2012         614,000           2013         930,000           2014         1,187,000           2015         1,588,000	960,000	933,000	906,000
2020         280,000           Private Passenger Total         11,742,000           Non Private Passenger         prior         1,414,000           2011         400,000         2012           2012         614,000         2013           2013         930,000         2014           2015         1,588,000	1,198,000	1,166,000	1,134,000
Private Passenger Total         11,742,000           Non Private Passenger         prior         1,414,000           2011         400,000         2012           2012         614,000         2013           2014         1,187,000         2015	1,989,000	1,939,000	1,890,000
Non Private Passenger         prior         1,414,000           2011         400,000           2012         614,000           2013         930,000           2014         1,187,000           2015         1,588,000	319,000	288,067	274,067
2011       400,000         2012       614,000         2013       930,000         2014       1,187,000         2015       1,588,000	11,622,000	11,306,067	11,013,067
2011       400,000         2012       614,000         2013       930,000         2014       1,187,000         2015       1,588,000			
2012614,0002013930,00020141,187,00020151,588,000	1,356,000	1,336,000	1,316,000
2013     930,000       2014     1,187,000       2015     1,588,000	327,000	321,000	315,000
20141,187,00020151,588,000	607,000	597,000	587,000
2015 1,588,000	919,000	903,000	888,000
	1,182,000	1,162,000	1,142,000
	1,588,000	1,563,000	1,538,000
2016 1,368,000	1,367,000	1,341,000	1,315,000
2017 1,585,000	1,585,000	1,553,000	1,524,000
2018 2,874,000	, ,	2,822,000	2,775,000
2019 5,024,000	2,870,000	4,928,000	4,843,000
2020 287,000			1,621
Non Private Passenger Total 17,271,000	2,870,000	156,621	/
	2,870,000 5,014,000	156,621 <b>16,682,621</b>	16,244,621
Grand Total 29,013,000	2,870,000 5,014,000 331,000		16,244,621



## EXHIBIT D

Future Expected Cost Ratios - Member Statements	(includes Actuarial Present	Value Adjustments)
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		<b>Prior Month</b>	<b>Current Month</b>	1st Projected	2nd Projected
Sum of MS Cost Ratio		ShareYYMM			
Business Segment	Jurisdiction Desc	202008	202009	202010	202011
Private Passenger	Newfoundland & Labrador	79.4%	80.0%	80.2%	80.8%
	New Brunswick	72.2%	71.8%	71.5%	71.2%
	Nova Scotia	72.2%	72.9%	73.4%	74.3%
	Prince Edward Island	61.8%	61.9%	62.4%	62.4%
	Ontario	70.4%	71.3%	72.2%	73.4%
	Alberta	57.8%	57.5%	57.0%	56.7%
	Yukon	68.6%	67.4%	66.1%	64.3%
	Northwest Territories	59.6%	59.2%	59.0%	58.8%
	Nunavut	32.9%	34.1%	33.7%	31.7%
Non Private Passenger	Newfoundland & Labrador	78.4%	79.2%	79.2%	80.1%
	New Brunswick	70.9%	70.4%	69.5%	69.0%
	Nova Scotia	72.2%	72.4%	71.7%	71.9%
	Prince Edward Island	79.8%	79.5%	78.7%	78.1%
	Ontario	48.7%	48.4%	47.5%	47.2%
	Alberta	71.5%	71.4%	71.1%	70.9%
	Yukon	62.7%	63.7%	64.4%	65.7%
	Northwest Territories	52.7%	52.4%	51.8%	52.0%
	Nunavut	40.9%	41.3%	41.6%	41.9%
Grand Total		65.3%	65.0%	64.8%	64.7%

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

		<b>Prior Month</b>	<b>Current Month</b>	1st Projected	2nd Projected
Sum of Future Cost Ratio		ShareYYMM			
Business Segment	Jurisdiction Desc	202008	202009	202010	202011
Private Passenger	Newfoundland & Labrador	73.4%	73.8%	74.1%	74.6%
	New Brunswick	66.3%	66.0%	65.8%	65.5%
	Nova Scotia	66.2%	66.9%	67.4%	68.2%
	Prince Edward Island	56.4%	56.6%	57.0%	57.3%
	Ontario	64.7%	65.5%	66.5%	67.5%
	Alberta	53.7%	53.4%	53.1%	52.8%
	Yukon	62.8%	61.7%	60.3%	58.4%
	Northwest Territories	55.2%	54.8%	54.7%	54.4%
	Nunavut	30.3%	31.9%	31.6%	30.7%
Non Private Passenger	Newfoundland & Labrador	72.2%	72.9%	73.4%	74.2%
	New Brunswick	65.5%	65.2%	64.8%	64.4%
	Nova Scotia	66.4%	66.6%	66.5%	66.7%
	Prince Edward Island	72.9%	72.7%	72.4%	72.0%
	Ontario	44.3%	44.1%	43.7%	43.4%
	Alberta	66.0%	65.9%	65.7%	65.6%
	Yukon	57.8%	58.7%	59.8%	61.0%
	Northwest Territories	48.3%	48.1%	48.0%	48.0%
	Nunavut	38.5%	39.0%	39.1%	39.3%
Grand Total		60.0%	59.8%	59.8%	59.7%



#### 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, 2020 from the valuation), followed by the selected discount rate and the associated margin for investment income.

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#### NEWFOUNDLAND AND LABRADOR

		Private	Passenger			Non-Priv	ate Passenger	
	Selected	Margins fo	r Adverse Develo	opment	Selec	ed Margins fo	or Adverse Devel	opment
Accident Year	Third Party Liability	Accident Benefits	Other Coverages	TOTAL	Third Par Liability	•	Other Coverages	TOTAL
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	<u> </u>	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	<u> </u>	5.0%	10.0%
2007	10.0%	10.0%	5.0%	10.0%	10.0	% 10.0%	5.0%	10.0%
2008	10.0%	10.0%	5.0%	10.0%	10.0	% 10.0%	5.0%	10.0%
2009	10.0%	10.0%	5.0%	10.0%	10.0	% 10.0%	5.0%	10.0%
2010	10.0%	10.0%	5.0%	10.0%	10.0	% 10.0%	5.0%	10.0%
2011	10.0%	10.0%	5.0%	10.0%	10.0	% 10.0%	5.0%	10.0%
2012	10.0%	10.0%	5.0%	10.0%	10.0	% 10.0%	5.0%	10.0%
2013	10.0%	10.0%	5.0%	10.0%	10.0	% 10.0%	5.0%	10.0%
2014	10.0%	10.0%	5.0%	10.0%	10.0	% 10.0%	5.0%	10.0%
2015	10.0%	10.0%	5.0%	10.0%	10.0	% 10.0%	5.0%	10.0%
2016	10.0%	10.0%	5.0%	10.0%	10.0	% 10.0%	5.0%	10.0%
2017	10.0%	10.0%	5.0%	9.9%	10.0	% 10.0%	5.0%	10.0%
2018	10.0%	10.0%	5.0%	10.0%	10.0	% 10.0%	5.0%	10.0%
2019	10.0%	10.0%	5.0%	9.8%	10.0	% 10.0%	5.0%	9.9%
2020	10.0%	10.0%	5.0%	9.8%	10.0	% 10.0%	5.0%	9.9%
2021	10.0%	10.0%	5.0%	9.8%	10.0	% 10.0%	5.0%	9.9%
prem liab	10.0%	10.0%	5.0%	9.0%	10.0	% 10.0%	5.0%	9.3%
			discount rate:	0.27%			discount rate:	0.27%
		margir	n (basis points):	25		margi	n (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, 2020 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-Private Passenger Selected Margins for Adverse Development Selected Margins for Adverse Development Accident Third Party Accident Other Third Party Accident Other TOTAL TOTAL Liability Benefits Liability Benefits Year Coverages Coverages 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% 10.0% 10.0% 2004 10.0% 5.0% 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% 10.0% 10.0% 10.0% 5.0% 10.0% 5.0% 2006 10.0% 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% 10.0% 10.0% 10.0% 10.0% 2009 10.0% 5.0% 10.0% 5.0% 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% 5.0% 10.0% 10.0% 10.0% 10.0% 5.0% 10.0% 10.0% 5.0% 2012 10.0% 10.0% 2013 10.0% 10.0% 5.0% 10.0% 10.0% 10.0% 5.0% 10.0% 5.0% 5.0% 2014 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 2015 10.0% 10.0% 5.0% 10.0% 10.0% 10.0% 5.0% 10.0% 2016 10.0% 10.0% 5.0% 10.0% 10.0% 10.0% 5.0% 10.0% 5.0% 2017 10.0% 10.0% 12.2% 10.0% 10.0% 5.0% 12.2% 2018 12.5% 10.0% 5.0% 12.0% 10.1% 5.0% 12.5% 12.4% 2019 12.5% 10.0% 5.0% 11.6% 12.5% 10.0% 5.0% 11.3% 2020 12.4% 10.0% 5.0% 11.6% 12.2% 10.0% 5.0% 11.3% 2021 11.9% 10.0% 5.0% 11.6% 12.5% 12.5% 5.0% 11.3% 11.9% 10.0% 11.9% 10.0% prem liab 5.0% 10.0% 5.0% 8.9% 0.27% 0.27% discount rate: discount rate: 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, 2020 from the valuation), followed by the selected discount rate and the associated margin for investment income.

NOVA SCOTIA

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#### **Private Passenger** Non-Private Passenger Selected Margins for Adverse Development Selected Margins for Adverse Development Accident Third Party Accident Other Third Party Accident Other TOTAL TOTAL Liability Benefits Liability Benefits Year Coverages Coverages 10.0% 1997 10.0% 10.0% 5.0% 10.0% 10.0% 10.0% 5.0% 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% 10.0% 10.0% 2004 10.0% 5.0% 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% 10.0% 10.0% 10.0% 5.0% 10.0% 5.0% 2006 10.0% 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% 10.0% 10.0% 10.0% 10.0% 2009 10.0% 5.0% 10.0% 5.0% 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% 5.0% 10.0% 10.0% 9.9% 10.0% 5.0% 10.0% 10.0% 5.0% 2012 10.0% 10.0% 2013 10.0% 10.0% 5.0% 10.0% 10.0% 10.0% 5.0% 10.0% 5.0% 5.0% 2014 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 2015 10.0% 10.0% 5.0% 10.0% 10.0% 10.0% 5.0% 10.0% 2016 10.0% 10.0% 5.0% 12.3% 10.0% 10.0% 5.0% 12.1% 5.0% 2017 12.5% 10.0% 11.6% 12.5% 10.0% 5.0% 11.6% 2018 12.5% 10.0% 5.0% 12.0% 10.0% 5.0% 12.5% 11.6% 2019 12.3% 10.0% 5.0% 11.6% 12.4% 10.0% 5.0% 11.3% 2020 12.5% 10.0% 5.0% 11.6% 12.5% 10.0% 5.0% 11.3% 2021 12.5% 12.5% 5.0% 11.6% 12.5% 12.5% 5.0% 11.3% 11.6% 10.0% 11.6% 10.0% prem liab 5.0% 10.0% 5.0% 9.6% 0.27% 0.27% discount rate: discount rate: margin (basis points): 25 margin (basis points): 25

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#### 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, 2020 from the valuation), followed by the selected discount rate and the associated margin for investment income.

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#### PRINCE EDWARD ISLAND

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		Private	Passenger		Non-Private Passenger				
	Selected	Margins fo	r Adverse Develo	opment	Selected Margins for Adverse Developmer				
Accident Year	Third Party Liability	Accident Benefits	Other Coverages	TOTAL	Third Party Liability	Accident Benefits	Other Coverages	TOTAL	
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%	9.3%	
2017	10.0%	10.0%	5.0%	12.3%	10.0%	10.0%	5.0%	11.1%	
2018	10.0%	10.0%	5.0%	12.2%	10.0%	10.0%	5.0%	11.5%	
2019	12.5%	10.0%	5.0%	12.2%	12.4%	10.0%	5.0%	11.5%	
2020	12.5%	10.0%	5.0%	12.2%	12.4%	10.0%	5.0%	11.5%	
2021	12.0%	10.0%	5.0%	12.2%	12.5%	12.5%	5.0%	11.5%	
prem liab	12.0%	10.0%	5.0%	10.6%	11.9%	10.0%	5.0%	10.3%	
			discount rate:	0.27%			discount rate:	0.27%	
		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, 2020 from the valuation), followed by the selected discount rate and the associated margin for investment income.

**ONTARIO** 

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#### **Private Passenger** Non-Private Passenger Selected Margins for Adverse Development Selected Margins for Adverse Development Accident Third Party Accident Other Third Party Accident Other TOTAL TOTAL Liability Benefits Year Coverages Liability **Benefits** Coverages 1997 10.0% 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% 1999 10.0% 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% 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% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 2006 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% 10.0% 2010 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 2011 10.0% 10.0% 2012 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 2013 10.0% 10.0% 2014 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 9.9% 2015 10.0% 10.0% 10.0% 10.0% 9.8% 10.0% 10.0% 10.0% 2016 10.0% 10.0% 5.0% 9.9% 10.0% 10.0% 8.0% 10.0% 2017 10.0% 7.3% 10.0% 10.0% 10.0% 12.3% 10.0% 12.5% 2018 12.4% 12.5% 12.5% 12.3% 12.3% 12.5% 7.8% 12.1% 2019 12.2% 12.5% 10.8% 13.0% 12.4% 12.5% 5.8% 13.5% 15.0% 5.4% 13.0% 15.0% 5.7% 2020 12.8% 13.7% 13.5% 2021 15.0% 5.1% 15.0% 9.4% 13.0% 15.0% 15.0% 13.5% prem liab 9.4% 15.0% 5.1% 9.7% 12.5% 15.0% 5.2% 11.5% discount rate: 0.27% discount rate: 0.27% 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, 2020 from the valuation), followed by the selected discount rate and the associated margin for investment income.

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# ALBERTA

**Private Passenger** Non-Private Passenger Selected Margins for Adverse Development Selected Margins for Adverse Development Accident Third Party Accident Other Third Party Accident Other TOTAL TOTAL Liability Benefits Liability Benefits Year Coverages Coverages 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% 10.0% 10.0% 2004 10.0% 5.0% 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% 10.0% 10.0% 5.0% 10.0% 5.0% 2006 10.0% 10.0% 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% 10.0% 10.0% 10.0% 10.0% 2009 10.0% 5.0% 10.0% 5.0% 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% 5.0% 10.0% 10.0% 10.0% 10.0% 5.0% 10.0% 10.0% 5.0% 2012 10.0% 10.0% 2013 10.0% 10.0% 5.0% 10.0% 10.0% 10.0% 5.0% 10.0% 5.0% 5.0% 2014 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 2015 10.0% 10.0% 5.0% 10.0% 10.0% 10.0% 5.0% 10.0% 2016 10.0% 10.0% 5.0% 10.0% 10.0% 10.0% 5.0% 10.0% 5.0% 2017 10.0% 10.0% 12.5% 10.0% 10.0% 5.0% 12.4% 2018 12.5% 10.0% 5.0% 10.0% 5.0% 11.4% 12.3% 12.5% 2019 12.5% 10.0% 5.0% 11.4% 12.4% 10.1% 5.0% 11.4% 2020 12.1% 10.0% 5.0% 11.4% 12.1% 10.0% 5.0% 11.4% 2021 11.6% 10.0% 5.0% 11.4% 12.5% 12.5% 5.0% 11.4% 11.6% 10.0% 11.9% 10.0% prem liab 5.0% 9.2% 5.0% 9.9% 0.27% 0.27% discount rate: discount rate: 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, 2020 from the valuation), followed by the selected discount rate and the associated margin for investment income.

YUKON

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#### **Private Passenger** Non-Private Passenger Selected Margins for Adverse Development Selected Margins for Adverse Development Accident Third Party Accident Other Third Party Accident Other TOTAL TOTAL Liability Benefits Liability Benefits Year Coverages Coverages 10.0% 1997 10.0% 10.0% 5.0% 10.0% 10.0% 10.0% 5.0% 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% 10.0% 10.0% 2004 10.0% 5.0% 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% 10.0% 10.0% 10.0% 5.0% 10.0% 5.0% 2006 10.0% 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% 10.0% 10.0% 10.0% 10.0% 2009 10.0% 5.0% 10.0% 5.0% 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% 5.0% 10.0% 10.0% 10.0% 10.0% 5.0% 10.0% 10.0% 5.0% 2012 10.0% 10.0% 2013 10.0% 10.0% 5.0% 10.0% 10.0% 10.0% 5.0% 10.0% 5.0% 5.0% 2014 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 2015 10.0% 10.0% 5.0% 10.0% 10.0% 10.0% 5.0% 10.0% 2016 10.0% 10.0% 5.0% 10.0% 10.0% 10.0% 5.0% 10.0% 5.0% 2017 10.0% 10.0% 11.7% 10.0% 10.0% 5.0% 12.5% 2018 12.5% 10.0% 5.0% 9.8% 5.0% 12.5% 11.5% 12.5% 2019 12.5% 10.0% 5.0% 11.9% 12.4% 10.0% 5.0% 11.0% 2020 12.2% 10.0% 5.0% 11.9% 11.7% 10.0% 5.0% 11.0% 2021 12.3% 10.0% 5.0% 11.9% 12.5% 12.5% 5.0% 11.0% 12.3% 10.0% 10.0% prem liab 5.1% 11.3% 11.8% 5.0% 9.7% 0.27% 0.27% discount rate: discount rate: 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, 2020 from the valuation), followed by the selected discount rate and the associated margin for investment income.

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## NORTHWEST TERRITORIES

		Private	Passenger		Non-Private Passenger Selected Margins for Adverse Development				
	Selected	l Margins fo	r Adverse Develo	opment					
Accident Year	Third Party Liability	Accident Benefits	Other Coverages	TOTAL	Third Party Liability	Accident Benefits	Other Coverages	TOTAL	
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%	12.1%	10.0%	10.0%	5.0%	12.3%	
2018	12.2%	10.0%	5.0%	12.5%	12.4%	10.0%	5.0%	9.7%	
2019	12.4%	10.0%	5.0%	11.4%	12.5%	10.0%	5.0%	11.8%	
2020	11.9%	10.0%	5.0%	11.4%	12.2%	10.0%	5.0%	11.8%	
2021	11.5%	10.0%	5.0%	11.4%	12.5%	12.5%	5.0%	11.8%	
prem liab	11.5%	10.0%	5.0%	8.9%	12.0%	10.0%	5.1%	10.7%	
			discount rate:	0.27%			discount rate:	0.27%	
		margir	n (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, 2020 from the valuation), followed by the selected discount rate and the associated margin for investment income.

NUNAVUT

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#### **Private Passenger** Non-Private Passenger Selected Margins for Adverse Development Selected Margins for Adverse Development Accident Third Party Accident Other Third Party Accident Other TOTAL TOTAL Liability Benefits Liability Benefits Year Coverages 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% 10.0% 2006 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% 10.0% 10.0% 5.0% 10.0% 5.0% 10.0% 2008 10.0% 10.0% 2009 10.0% 10.0% 5.0% 10.0% 10.0% 10.0% 5.0% 10.0% 10.0% 10.0% 5.0% 10.0% 10.0% 10.0% 5.0% 10.0% 2010 10.0% 10.0% 10.0% 10.0% 2011 10.0% 5.0% 10.0% 5.0% 2012 10.0% 10.0% 5.0% 10.0% 10.0% 10.0% 5.0% 10.0% 2013 10.0% 10.0% 10.0% 5.0% 10.0% 10.0% 5.0% 10.0% 10.0% 10.0% 5.0% 10.0% 10.0% 5.0% 2014 10.0% 10.0% 2015 10.0% 10.0% 5.0% 10.0% 10.0% 10.0% 5.0% 10.0% 5.0% 5.0% 2016 10.0% 10.0% 9.6% 10.0% 10.0% 10.0% 2017 10.0% 10.0% 5.0% 12.5% 10.0% 10.0% 5.0% 11.5% 2018 12.5% 11.4% 5.0% 11.4% 12.5% 10.0% 5.0% 6.4% 9.9% 5.0% 2019 12.1% 11.5% 12.1% 10.0% 5.0% 11.9% 2020 11.9% 10.0% 5.0% 10.0% 5.0% 11.5% 12.3% 11.9% 2021 11.6% 10.1% 5.0% 11.5% 12.5% 12.5% 5.0% 11.9% 8.7% prem liab 11.6% 10.1% 5.0% 12.5% 10.0% 5.0% 8.9% 0.27% discount rate: 0.27% discount rate: margin (basis points): 25 margin (basis points): 25



Interest Rate Sensitivity (\$000s)

Indemnity claims liabilities as projected from the latest valuation to December 31, 2020.

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## NEWFOUNDLAND AND LABRADOR

	Δctuar	ial Present Va	lue of Provisi	ons at Various	Discount Rate	es - Dec. 31, 20	20 projected I	Innaid
ΑΥ	0.00%	0.00%		0.77%	1.27%	1.77%	0.66%	1.46%
2005 & prior	(140)	(140)	(138)	(135)	(133)	(130)	(136)	(131
2006	-	-	-	-	-	-	-	-
2007	32	32	32	31	30	29	31	29
2008	108	108	106	103	100	97	103	99
2009	96	96	94	91	88	85	92	87
2010	(446)	(446)		(420)	(405)	(390)	(424)	(399
2011	790	790	772	742	714	687	748	703
2012	1,266	1,266	1,247	1,212	1,180	1,149	1,220	1,168
2013	640	640	631	616	602	588	619	597
2014	1,151	1,151	1,139	1,117	1,097	1,076	1,122	1,089
2015	2,683	2,683	2,662	2,624	2,588	2,554	2,632	2,575
2016	5,024	5,024	4,996	4,946	4,899	4,853	4,957	4,882
2017	4,254	4,254	4,228	4,183	4,141	4,099	4,193	4,124
2018	8,659	8,659	8,606	8,512	8,420	8,331	8,532	8,385
2019	14,505	14,505	14,415	14,252	14,095	13,943	14,288	14,038
2020	16,117	16,117	16,005	15,804	15,609	15,421	15,849	15,538
Total	54,739	54,739	54,358	53,678	53,025	52,392	53,826	52,784
	curr - 100 bp	curr - 50 bp	curr val	curr + 50bp	curr + 100bp	curr + 150bp	prior val	prior fyr end
			assumption				assumption	assumptior
mounts in							n	•
			Dollar Imp	oact Relative t	o Valuation A	ssumption		
AY	0.00%	0.00%	0.27%	0.77%	1.27%	1.77%	0.66%	1.46%
Total	381	381	-	(680)	(1,333)	(1,966)	(532)	(1,574
	curr - 100 bp	curr - 50 bp	curr val	curr + 50bp	curr + 100bp	curr + 150bp	prior val	prior fyr end
			assumption			-	assumption	assumption
mounts in		•						
							acounption	,
			Percentage I	mpact Relativ	e to Valuatior	Assumption		, p
AY	0.00%	0.00%					8	3
AY	0.00%	0.00%		0.77%	1.27%	1.77%	0.66%	1.46%
2005 & prior	0.00%	0.00%		0.77% (2.2%)	1.27% (3.6%)		8	1.46%
2005 & prior 2006				0.77% (2.2%)	1.27% (3.6%) -	1.77% (5.8%)	0.66%	1.46% (5.1%
2005 & prior 2006 2007	<u> </u>	1.4% - -		0.77% (2.2%) (3.1%)	1.27% (3.6%) - (6.3%)	1.77% (5.8%) (9.4%)	0.66% (1.4%) (3.1%)	1.46% (5.1% (9.4%
2005 & prior 2006 2007 2008	<u> </u>	1.4% - - 1.9%		0.77% (2.2%) - (3.1%) (2.8%)	1.27% (3.6%) - (6. <u>3%)</u> (5.7%)	1.77% (5.8%) (9.4%) (8.5%)	0.66% (1.4%) (3.1%) (2.8%)	1.46% (5.1% - (9.4% (6.6%
2005 & prior 2006 2007 2008 2009	1.4% - 1.9% 2.1%	1.4% - - 1.9% 2.1%		0.77% (2.2%) (3.1%) (2.8%) (3.2%)	1.27% (3.6%) - (6.3%) (5.7%) (6.4%)	1.77% (5.8%) (9.4%) (8.5%) (9.6%)	0.66% (1.4%) (3.1%) (2.8%) (2.1%)	1.46% (5.1% (9.4% (6.6% (7.4%
2005 & prior 2006 2007 2008 2009 2010	1.4% - - 1.9% 2.1% 2.1%	1.4% - 1.9% 2.1% 2.1%		0.77% (2.2%) (3.1%) (2.8%) (3.2%) (3.9%)	1.27% (3.6%) (6.3%) (5.7%) (6.4%) (7.3%)	1.77% (5.8%) (9.4%) (8.5%) (9.6%) (10.8%)	0.66% (1.4%) (3.1%) (2.8%) (2.1%) (3.0%)	1.46% (5.1% (9.4% (6.6% (7.4% (8.7%
2005 & prior 2006 2007 2008 2009 2010 2011	1.4% 1.9% 2.1% 2.1% 2.3%	1.4% - 1.9% 2.1% 2.1% 2.3%		0.77% (2.2%) (3.1%) (2.8%) (3.2%) (3.9%) (3.9%)	1.27% (3.6%) (6.3%) (5.7%) (6.4%) (7.3%) (7.5%)	1.77% (5.8%) (9.4%) (8.5%) (9.6%) (10.8%) (11.0%)	0.66% (1.4%) (3.1%) (2.8%) (2.1%) (3.0%) (3.1%)	1.46% (5.1% (9.4% (6.6% (7.4% (8.7% (8.9%
2005 & prior 2006 2007 2008 2009 2010 2011 2012	1.4% - - - - - - - - - - - - - - - - - - -	1.4% - - - .1.9% 2.1% 2.1% 2.3% 1.5%		0.77% (2.2%) (3.1%) (2.8%) (3.2%) (3.9%) (3.9%) (3.9%) (2.8%)	1.27% (3.6%) (6.3%) (5.7%) (6.4%) (7.3%) (7.5%) (5.4%)	1.77% (5.8%) (9.4%) (8.5%) (9.6%) (10.8%) (11.0%) (7.9%)	0.66% (1.4%) (3.1%) (2.8%) (2.1%) (3.0%) (3.1%) (2.2%)	1.46% (5.1% (9.4% (6.6% (7.4% (8.7% (8.9% (6.3%
2005 & prior 2006 2007 2008 2009 2010 2011 2012 2012 2013	1.4% 1.9% 2.1% 2.1% 2.3% 1.5% 1.4%	1.4% 1.9% 2.1% 2.3% 1.5% 1.4%		0.77% (2.2%) (3.1%) (2.8%) (3.2%) (3.9%) (3.9%) (2.8%) (2.4%)	1.27% (3.6%) (6.3%) (5.7%) (6.4%) (7.3%) (7.5%) (5.4%) (4.6%)	1.77% (5.8%) (9.4%) (8.5%) (9.6%) (10.8%) (11.0%) (7.9%) (6.8%)	0.66% (1.4%) (2.8%) (2.1%) (3.0%) (3.1%) (2.2%) (1.9%)	1.46% (5.1% (9.4% (6.6% (7.4% (8.7% (8.9% (6.3% (5.4%)
2005 & prior 2006 2007 2008 2009 2010 2011 2012 2012 2013 2014	1.4% 1.9% 2.1% 2.1% 2.3% 1.5% 1.4% 1.1%	1.4% 1.9% 2.1% 2.3% 1.5% 1.4% 1.1%		0.77% (2.2%) (3.1%) (2.8%) (3.2%) (3.9%) (3.9%) (2.8%) (2.4%) (1.9%)	1.27% (3.6%) (6.3%) (5.7%) (6.4%) (7.3%) (7.5%) (5.4%) (4.6%) (3.7%)	1.77% (5.8%) (9.4%) (8.5%) (9.6%) (10.8%) (11.0%) (7.9%) (6.8%) (5.5%)	0.66% (1.4%) (2.8%) (2.1%) (3.0%) (3.1%) (2.2%) (1.9%) (1.5%)	1.46% (5.1% (9.4% (6.6% (7.4% (8.7% (8.7% (8.9% (6.3% (5.4% (4.4%)
2005 & prior 2006 2007 2008 2009 2010 2011 2012 2013 2014 2014 2015	1.4% 1.9% 2.1% 2.1% 2.3% 1.5% 1.4% 1.1% 0.8%	1.4% 1.9% 2.1% 2.3% 1.5% 1.4% 1.1% 0.8%		0.77% (2.2%) (3.1%) (2.8%) (3.2%) (3.9%) (3.9%) (2.8%) (2.4%) (1.9%) (1.4%)	1.27% (3.6%) (6.3%) (5.7%) (6.4%) (7.3%) (7.5%) (5.4%) (4.6%) (3.7%) (2.8%)	1.77% (5.8%) (9.4%) (8.5%) (9.6%) (10.8%) (11.0%) (7.9%) (6.8%) (5.5%) (4.1%)	0.66% (1.4%) (2.8%) (2.1%) (3.0%) (3.1%) (2.2%) (1.9%) (1.5%) (1.1%)	1.46% (5.1% (9.4% (6.6% (7.4% (8.7% (8.9% (6.3% (5.4% (4.4% (3.3%
2005 & prior 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016	1.4% 1.9% 2.1% 2.1% 2.3% 1.5% 1.4% 1.1% 0.8% 0.6%	1.4% 1.9% 2.1% 2.3% 1.5% 1.4% 1.1% 0.8% 0.6%		0.77% (2.2%) (3.1%) (2.8%) (3.2%) (3.9%) (3.9%) (2.8%) (2.4%) (1.9%) (1.4%) (1.0%)	1.27% (3.6%) (6.3%) (5.7%) (6.4%) (7.3%) (7.5%) (5.4%) (4.6%) (3.7%) (2.8%) (1.9%)	1.77% (5.8%) (9.4%) (8.5%) (9.6%) (10.8%) (11.0%) (7.9%) (6.8%) (5.5%) (4.1%) (2.9%)	0.66% (1.4%) (2.8%) (2.1%) (3.0%) (3.1%) (2.2%) (1.9%) (1.5%) (1.1%) (0.8%)	1.46% (5.1% (9.4% (6.6% (7.4% (8.7% (8.7% (8.9% (6.3% (5.4% (4.4% (3.3% (2.3%
2005 & prior 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017	1.4% 1.9% 2.1% 2.1% 2.3% 1.5% 1.4% 1.1% 0.8% 0.6% 0.6%	1.4% 1.9% 2.1% 2.1% 2.3% 1.5% 1.4% 1.1% 0.8% 0.6% 0.6%		0.77% (2.2%) (3.1%) (2.8%) (3.2%) (3.9%) (3.9%) (2.8%) (2.4%) (1.9%) (1.4%) (1.0%) (1.1%)	1.27% (3.6%) (5.7%) (6.4%) (7.3%) (7.5%) (5.4%) (4.6%) (3.7%) (2.8%) (1.9%) (2.1%)	1.77% (5.8%) (9.4%) (8.5%) (9.6%) (10.8%) (11.0%) (7.9%) (6.8%) (5.5%) (4.1%) (2.9%) (3.1%)	0.66% (1.4%) (2.8%) (2.1%) (3.0%) (3.1%) (2.2%) (1.9%) (1.5%) (1.1%) (0.8%) (0.8%)	1.46% (5.1% (9.4% (6.6% (7.4% (8.7% (8.9% (6.3% (5.4% (4.4% (3.3% (2.3% (2.5%)
2005 & prior 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018	1.4%           1.9%           2.1%           2.1%           2.3%           1.5%           1.4%           0.6%           0.6%	1.4% 1.9% 2.1% 2.1% 2.3% 1.5% 1.4% 1.1% 0.8% 0.6% 0.6% 0.6%		0.77% (2.2%) (3.1%) (2.8%) (3.2%) (3.9%) (3.9%) (2.8%) (2.4%) (1.9%) (1.4%) (1.1%) (1.1%)	1.27% (3.6%) (5.3%) (5.7%) (6.4%) (7.3%) (7.5%) (5.4%) (4.6%) (3.7%) (2.8%) (1.9%) (2.1%) (2.2%)	1.77% (5.8%) (9.4%) (8.5%) (9.6%) (10.8%) (11.0%) (7.9%) (6.8%) (5.5%) (4.1%) (2.9%) (3.1%) (3.2%)	0.66% (1.4%) (2.8%) (2.1%) (3.0%) (3.1%) (2.2%) (1.9%) (1.5%) (1.1%) (0.8%) (0.8%) (0.9%)	1.46% (5.1% (9.4% (6.6% (7.4% (8.7% (8.9% (6.3% (5.4% (4.4% (3.3% (2.3% (2.5% (2.6%
2005 & prior 2006 2007 2008 2009 2010 2011 2012 2013 2014 2014 2015 2016 2017 2018 2019	1.4%           1.9%           2.1%           2.1%           2.3%           1.5%           1.4%           0.6%           0.6%           0.6%	1.4% 1.9% 2.1% 2.1% 2.3% 1.5% 1.4% 1.1% 0.8% 0.6% 0.6% 0.6% 0.6%		0.77% (2.2%) (3.1%) (2.8%) (3.2%) (3.9%) (3.9%) (2.8%) (2.4%) (1.9%) (1.4%) (1.1%) (1.1%) (1.1%)	1.27% (3.6%) (5.7%) (6.4%) (7.3%) (7.5%) (5.4%) (4.6%) (3.7%) (2.8%) (1.9%) (2.1%) (2.2%) (2.2%)	1.77% (5.8%) (9.4%) (8.5%) (9.6%) (10.8%) (11.0%) (7.9%) (6.8%) (5.5%) (4.1%) (2.9%) (3.1%) (3.2%) (3.3%)	0.66% (1.4%) (2.1%) (2.8%) (2.1%) (3.0%) (3.1%) (2.2%) (1.9%) (1.5%) (1.5%) (1.1%) (0.8%) (0.8%) (0.9%) (0.9%)	1.46% (5.1% (6.6% (7.4% (8.7% (8.9% (6.3% (6.3% (5.4% (4.4% (3.3% (2.3% (2.5% (2.6%)
2005 & prior 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019 2020	1.4%           1.9%           2.1%           2.1%           2.3%           1.5%           1.4%           0.6%           0.6%           0.6%           0.6%           0.6%           0.6%           0.6%           0.6%           0.7%	1.4% 1.9% 2.1% 2.1% 2.3% 1.5% 1.4% 1.1% 0.6% 0.6% 0.6% 0.6% 0.6% 0.7%		0.77% (2.2%) (3.1%) (2.8%) (3.2%) (3.9%) (3.9%) (2.8%) (2.4%) (1.9%) (1.4%) (1.1%) (1.1%) (1.1%) (1.1%) (1.3%)	1.27% (3.6%) (5.7%) (6.4%) (7.3%) (7.5%) (5.4%) (4.6%) (3.7%) (2.8%) (1.9%) (2.1%) (2.2%) (2.2%) (2.5%)	1.77% (5.8%) (9.4%) (8.5%) (9.6%) (10.8%) (11.0%) (7.9%) (6.8%) (5.5%) (4.1%) (2.9%) (3.1%) (3.2%) (3.3%) (3.6%)	0.66% (1.4%) (2.8%) (2.1%) (3.0%) (3.1%) (2.2%) (1.9%) (1.5%) (1.1%) (0.8%) (0.8%) (0.9%) (0.9%) (1.0%)	1.46% (5.1% (6.6% (7.4% (8.7% (8.9% (6.3% (5.4% (4.4% (3.3% (2.3% (2.5% (2.6% (2.6% (2.9%
2005 & prior 2006 2007 2008 2009 2010 2011 2012 2013 2014 2014 2015 2016 2017 2018 2019	1.4%           1.9%           2.1%           2.1%           2.3%           1.5%           1.4%           0.6%           0.6%           0.6%           0.6%           0.6%           0.6%           0.7%	1.4% 1.9% 2.1% 2.1% 2.3% 1.5% 1.4% 1.1% 0.8% 0.6% 0.6% 0.6% 0.6%		0.77% (2.2%) (3.1%) (2.8%) (3.2%) (3.9%) (3.9%) (2.8%) (2.4%) (1.9%) (1.4%) (1.1%) (1.1%) (1.1%)	1.27% (3.6%) (5.7%) (6.4%) (7.3%) (7.5%) (5.4%) (4.6%) (3.7%) (2.8%) (1.9%) (2.1%) (2.2%) (2.2%)	1.77% (5.8%) (9.4%) (8.5%) (9.6%) (10.8%) (11.0%) (7.9%) (6.8%) (5.5%) (4.1%) (2.9%) (3.1%) (3.2%) (3.3%)	0.66% (1.4%) (2.1%) (2.8%) (2.1%) (3.0%) (3.1%) (2.2%) (1.9%) (1.5%) (1.1%) (0.8%) (0.8%) (0.9%) (0.9%)	1.46% (5.1% (9.4% (6.6% (7.4% (8.7% (8.9% (6.3% (5.4% (4.4%)
2005 & prior 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019 2020	1.4%           1.9%           2.1%           2.1%           2.3%           1.5%           1.4%           0.6%           0.6%           0.6%           0.6%           0.6%           0.6%           0.6%           0.6%           0.7%	1.4% 1.9% 2.1% 2.1% 2.3% 1.5% 1.4% 1.1% 0.6% 0.6% 0.6% 0.6% 0.6% 0.7%		0.77% (2.2%) (3.1%) (2.8%) (3.2%) (3.9%) (3.9%) (2.8%) (2.4%) (1.9%) (1.4%) (1.1%) (1.1%) (1.1%) (1.1%) (1.3%)	1.27% (3.6%) (5.7%) (6.4%) (7.3%) (7.5%) (5.4%) (4.6%) (3.7%) (2.8%) (1.9%) (2.1%) (2.2%) (2.2%) (2.5%)	1.77% (5.8%) (9.4%) (8.5%) (9.6%) (10.8%) (11.0%) (7.9%) (6.8%) (5.5%) (4.1%) (2.9%) (3.1%) (3.2%) (3.3%) (3.6%) (3.6%)	0.66% (1.4%) (2.8%) (2.1%) (3.0%) (3.1%) (2.2%) (1.9%) (1.5%) (1.1%) (0.8%) (0.8%) (0.9%) (0.9%) (1.0%)	1.46% (5.1% (6.6% (7.4% (8.7% (8.9% (6.3% (5.4% (4.4% (3.3% (2.3% (2.5% (2.6% (2.6% (2.9%



Interest Rate Sensitivity (\$000s)

Indemnity claims liabilities as projected from the latest valuation to December 31, 2020.

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AY         0.00%         0.00%         0.27%         0.77%         1.27%         1.77%         0.66%           Total         326         326         -         (583)         (1,143)         (1,690)         (456)           curr - 100 bp         curr - 50 bp         curr val assumption         curr + 50bp         curr + 100bp         curr + 150bp         prior val assumption         assumption           mounts in         -         -         (2.0%)         (3.9%)         (5.9%)         (2.0%)           2005 & prior         -         -         (2.0%)         (3.9%)         (5.9%)         (2.0%)           2006         -         -         -         -         -         -         -           2007         -         -         -         -         -         -         -           2008         1.5%         1.5%         -         (3.1%)         (6.2%)         (7.7%)         (1.5%)           2009         1.0%         1.0%         -         (3.1%)         (6.2%)         (7.7%)         (2.9%)           2010         1.5%         1.5%         -         (3.1%)         (6.2%)         (7.7%)         (1.5%)           2010         1.0%         <	id
2006         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -	1.46%
2006         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -	(4
2007         .         .         .         .         .         .         .         .         .         .         .         .         .         .         .         .         .         .         .         .         .         .         .         .         .         .         .         .         .         .         .         .         .         .         .         .         .         .         .         .         .         .         .         .         .         .         .         .         .         .         .         .         .         .         .         .         .         .         .         .         .         .         .         .         .         .         .         .         .         .         .         .         .         .         .         .         .         .         .         .         .         .         .         .         .         .         .         .         .         .         .         .         .         .         .         .         .         .         .         .         .         .         .         .         .         .	-
2008         (66)         (66)         (66)         (66)         (61)         (60)         (64)           2009         97         97         96         93         90         88         94           2010         199         196         189         184         178         191           2011         180         180         177         173         168         164         173           2012         597         597         592         584         577         570         586           2014         468         466         465         459         433         448         460           2015         2,378         2,374         2,845         2,829         2,800         2,772         2,744         2,300           2018         6,545         6,6494         6,403         6,315         6,229         6,423           2019         9,514         9,425         9,266         9,113         8,663         9,301           2020         11,328         11,328         11,223         11,031         10,844         10,669         11,073           39,007         39,007         38,601         38,098         37,538         36,	-
2009         97         97         96         93         90         88         94           2010         199         199         196         189         124         178         191           2011         180         180         177         173         168         164         173           2012         597         597         592         584         577         570         586           2013         1,114         1,114         1,01         1,080         1,059         1,040         1,084           2014         468         468         465         459         453         448         460           2015         2,378         2,378         2,864         2,845         3,802         3,802           2016         2,845         6,545         6,494         6,403         6,315         6,229         6,423           2019         9,514         9,425         9,266         9,113         8,63         9,301         1,073           2020         1,328         11,223         1,1031         10,848         10,669         1,073           2020         1,324         1,223         1,031         0,843         1,586	(6
2010         199         199         196         189         184         178         191           2011         180         180         177         173         168         164         173           2012         597         597         592         584         577         570         586           2013         1,114         1,114         1,101         1,080         1,059         1,040         1,084           2016         2,245         2,845         2,829         2,800         2,772         2,744         2,806           2017         3,859         3,835         3,792         3,750         3,709         3,802           2018         6,545         6,6494         6,403         6,315         6,229         6,423           2019         9,514         9,425         9,266         9,113         8,636         9,301           2020         11,328         11,328         11,223         11,031         10,844         10,669         11,073           39,007         39,007         38,681         38,093         37,538         36,991         38,225           curr<100 bp	8
2011         180         177         173         168         164         173           2012         597         597         592         584         577         570         586           2013         1,114         1,114         1,101         1,080         1,059         1,040         1,084           2015         2,378         2,378         2,364         2,241         2,319         2,297         2,246           2016         2,845         2,845         2,829         2,800         2,772         2,744         2,806           2017         3,859         3,859         3,835         3,792         3,750         3,709         3,800           2018         6,545         6,545         6,494         6,403         6,315         6,229         6,423           2020         11,328         11,223         11,031         10,848         10,669         11,073           30,007         39,007         38,681         38,098         37,538         36,991         38,225           mounts in         DIlar Impact Relative to Valuation Assumption         assumption         assumption         assumption         assumption         assumption         assumption         assumption	18
2012         597         597         592         584         577         570         586           2013         1,114         1,114         1,114         1,080         1,059         1,040         1,084           2014         468         465         459         453         448         460           2015         2,378         2,378         2,2364         2,341         2,319         2,297         2,346           2016         2,845         2,845         2,829         2,800         2,772         2,744         2,806           2018         6,545         6,545         6,494         6,403         6,315         6,223         6,423           2019         9,514         9,070         3,8007         3,861         3,089         37,58         36,991         38,225           curr 100 bp         curr -50 bp         curr val assumption         curr +50bp         curr +100bp         curr +150bp         prior val assumption         assumption           mounts in         2326         326         -         (583)         (1,143)         (1,690)         (456)           2005         curr -100 bp         curr val assumption         curr val assumption         (583)         (2,7%)	16
2013         1,114         1,101         1,080         1,059         1,040         1,084           2014         468         466         459         453         448         460           2015         2,378         2,378         2,384         2,829         2,800         2,772         2,744         2,806           2016         2,845         2,845         2,829         2,800         2,772         2,744         2,806           2017         3,859         3,859         3,835         3,792         3,750         3,709         3,802           2018         6,545         6,545         6,494         6,403         6,315         6,223         6,423           2020         11,328         11,223         11,031         10,848         10,669         11,073           39,007         39,007         38,681         38,098         37,538         36,991         38,225           mounts in         curr + 100 bp         curr + 50 bp         curr + 50 bp         curr + 100 bp         curr + 100 bp         error	57
2014         468         468         465         459         453         448         460           2015         2,378         2,378         2,378         2,378         2,378         2,319         2,297         2,346           2016         2,845         2,845         2,859         3,835         3,792         3,703         3,003         3,802           2018         6,545         6,545         6,494         6,403         6,315         6,229         6,423           2019         9,514         9,514         9,425         9,266         9,113         8,963         9,301           2020         11,328         11,328         11,223         11,031         10,848         10,669         11,073           39,007         39,007         38,681         38,098         37,538         36,991         38,225           curr - 100 bp         curr - 50 bp         curr val         curr + 50bp         curr + 100bp         curr + 100bp         eurol         assumption           mounts in         26         326         -         (583)         (1,143)         (1,690)         (455)           curr - 100 bp         curr - 50 bp         curr + 50bp         curr + 100bp         curr + 150bp	1,05
2015         2,378         2,378         2,364         2,341         2,319         2,297         2,346           2016         2,845         2,845         2,829         2,800         2,772         2,744         2,806           2017         3,859         3,859         3,835         3,792         3,750         3,709         3,802           2018         6,545         6,494         6,403         6,315         6,229         6,423           2019         9,514         9,514         9,425         9,266         9,113         8,963         9,301           2020         11,328         11,228         11,203         10,084         10,669         11,073           39,007         39,007         38,681         38,098         37,538         36,991         38,225           curr - 100 bp         curr - 50 bp         curr + 100 curr + 10	45
2016         2,845         2,845         2,829         2,800         2,772         2,744         2,806           2017         3,859         3,859         3,835         3,792         3,750         3,709         3,802           2018         6,545         6,545         6,494         6,403         6,315         6,229         6,423           2019         9,514         9,214         9,425         9,266         9,113         8,963         9,301           2020         11,328         11,223         11,031         10,848         10,669         11,073           Total         39,007         39,007         38,681         38,098         37,538         36,991         38,225           mounts in          Dollar Impact Relative to Valuation Assumption         prior val assumption         a	2,31
2017         3,859         3,835         3,792         3,750         3,709         3,802           2018         6,545         6,545         6,494         6,403         6,315         6,229         6,423           2019         9,514         9,425         9,266         9,113         8,963         9,301           2020         11,328         11,328         11,223         11,031         10,648         10,669         11,073           Total         39,007         39,007         38,681         38,098         37,538         36,991         38,225           curr - 100 bp         curr - 50 bp         curr val assumption         curr + 50bp         curr + 100bp         curr + 150bp         prior val assumption         assumption           Mounts in         326         326         -         (583)         (1,143)         (1,600)         (456)           curr - 100 bp         curr - 50 bp         curr val assumption         curr + 50bp         curr + 100bp         curr + 100bp         assumption         assumption           mounts in         -         -         -         (2.0%)         0.77%         1.27%         1.77%         0.66%           2005 & prior         -         -         -         -	2,76
2018         6,545         6,545         6,494         6,403         6,315         6,229         6,423           2019         9,514         9,514         9,425         9,266         9,113         8,963         9,301           2020         11,328         11,228         11,021         10,084         10,669         11,073           Total         39,007         39,007         38,681         38,098         37,538         36,991         38,225           curr - 100 bp         curr - 50 bp         curr val assumption         curr + 50bp         curr + 100bp         curr + 100bp         prior al assumption           Mounts in         0.00%         0.02%         0.77%         1.27%         1.77%         0.66%           curr - 100 bp         curr - 50 bp         curr val assumption         curr + 50bp         curr + 100bp         curr + 150bp         prior val assumption         prior val assumption           mounts in         2005         prior         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -	3,73
2019         9,514         9,514         9,425         9,266         9,113         8,963         9,301           2020         11,328         11,328         11,223         11,031         10,848         10,669         11,073           Total         39,007         39,007         38,681         38,098         37,538         36,991         38,225           curr - 100 bp         curr - 50 bp         curr val         curr + 50bp         curr + 100bp         curr + 100bp         assumption           mounts in         Dollar Impact Relative to Valuation Assumption         0.66%         1.77%         0.66%           Total         326         326         -         (583)         (1,143)         (1,690)         (456)           curr - 100 bp         curr - 50 bp         curr val         curr + 50bp         curr + 100bp         curr + 100bp         assumption         assumption           mounts in         2005         curr - 100 bp         curr - 50 bp         curr + 50bp         curr + 100bp         curr + 100bp         curr + 100bp         curr + 100bp         assumption         assumption           2005         prior         assumption         curr + 50bp         curr + 100bp         curr + 100bp         curr + 100bp         curr + 100bp	6,28
2020         11,328         11,328         11,223         11,031         10,848         10,669         11,073           Total         39,007         39,007         38,681         38,098         37,538         36,991         38,225           curr - 100 bp         curr - 50 bp         curr val assumption         curr + 50bp         curr + 100bp         curr + 150bp         prior val assumption           Mounts in         Dollar Impact Relative to Valuation Assumption         0.00%         0.27%         0.77%         1.27%         1.77%         0.66%           Total         326         326         -         (583)         (1,143)         (1,690)         (456)           mounts in         curr -100 bp         curr -50 bp         curr val assumption         curr +50bp         curr + 100bp         prior val assumption         assumption           Mounts in         Percentage Impact Relative to Valuation Assumption         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -	9,05
Total         39,007         39,007         38,681         38,098         37,538         36,991         38,225           mounts in         curr - 100 bp         curr - 50 bp         curr val assumption         curr + 50bp         curr + 100bp         curr + 150bp         prior val assumption           AY         0.00%         0.00%         0.27%         0.77%         1.27%         1.77%         0.66%           Total         326         326         -         (583)         (1,143)         (1,690)         (456)           curr - 100 bp         curr - 50 bp         curr val assumption         curr + 50bp         curr + 100bp         curr + 150bp         prior val assumption         assumption           mounts in         Percentage Impact Relative to Valuation Assumption         assumption         assumption         assumption           2006         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         - <td>10,77</td>	10,77
curr - 100 bp         curr - 50 bp         curr val assumption         curr + 50bp         curr + 100bp         curr + 150bp         prior val assumption         prior val assumption           AY         0.00%         0.27%         0.77%         1.27%         1.77%         0.66%           Total         326         326         -         (583)         (1,143)         (1,690)         (456)           curr - 100 bp         curr - 50 bp         curr val assumption         curr + 50bp         curr + 100bp         curr + 100bp         prior val assumption         assumption           mounts in         -         -         (583)         (1,143)         (1,690)         (456)           2005 & prior         -         -         (2.0%)         (2.7%)         1.77%         0.66%           2006         -         -         -         -         -         -         -           2008         1.5%         1.5%         -         (3.1%)         (6.2%)         (7.7%)         (1.5%)           2010         1.5%         1.5%         -         (3.1%)         (6.2%)         (2.6%)           2011         1.7%         1.7%         -         (2.3%)         (5.5%)         (2.6%)           2011 </td <td>37,32</td>	37,32
AY         0.00%         0.027%         0.77%         1.27%         1.77%         0.66%           Total         326         326         -         (583)         (1,143)         (1,690)         (456)           curr - 100 bp         curr - 50 bp         curr + 50bp         curr + 100bp         curr + 150bp         prior val assumption         prior val assumption         prior val assumption         prior           AY         0.00%         0.00%         0.27%         0.77%         1.27%         1.77%         0.66%           curr - 100 bp         curr - 50 bp         curr + 50bp         curr + 100bp         curr + 150bp         prior val assumption         prior val assumption         prior           2005 & prior         -         -         (2.0%)         (3.9%)         (5.9%)         (2.0%)           2006         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -<	
AY         Dollar Impact Relative to Valuation Assumption           AY         0.00%         0.27%         0.77%         1.27%         1.77%         0.66%           Total         326         326         -         (583)         (1,143)         (1,690)         (456)           curr - 100 bp         curr - 50 bp         curr val assumption         curr + 50bp         curr + 100bp         curr + 150bp         prior val assumption         assumption           mounts in         Percentage Impact Relative to Valuation Assumption         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         - <td< td=""><td>-</td></td<>	-
AV         0.00%         0.00%         0.27%         0.77%         1.27%         1.77%         0.66%           Total         326         326         -         (583)         (1,143)         (1,690)         (456)           curr - 100 bp         curr - 50 bp         curr val assumption         curr + 50bp         curr + 100bp         curr + 150bp         prior val assumption         assumption           AY         0.00%         0.00%         0.27%         0.77%         1.27%         1.77%         0.66%           2005 & prior         -         -         (2.0%)         (3.9%)         (5.9%)         (2.0%)           2006         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         <	umptio
Total         326         326         -         (583)         (1,143)         (1,690)         (456)           curr - 100 bp         curr - 50 bp         curr val assumption         curr + 50bp         curr + 100bp         curr + 150bp         prior val assumption         assumption         prior val assumption         assumption         <	
curr - 100 bp         curr - 50 bp         curr val assumption         curr + 50bp         curr + 100bp         curr + 150bp         prior val assumption         prior val assumption           AY         0.00%         0.00%         0.27%         0.77%         1.27%         1.77%         0.66%           2005 & prior         -         -         (2.0%)         (3.9%)         (5.9%)         (2.0%)           2006         -         -         -         -         -         -           2007         -         -         -         -         -         -           2008         1.5%         1.5%         -         (3.1%)         (6.2%)         (7.7%)         (1.5%)           2009         1.0%         1.0%         -         (3.1%)         (6.3%)         (8.3%)         (2.1%)           2010         1.5%         1.5%         -         (3.6%)         (6.1%)         (9.2%)         (2.6%)           2011         1.7%         1.7%         -         (2.3%)         (2.1%)         (2.3%)           2012         0.8%         0.8%         -         (1.4%)         (2.5%)         (3.7%)         (1.0%)           2014         0.6%         0.6%         -	1.46%
AY         0.00%         0.00%         0.27%         0.77%         1.27%         1.77%         0.66%           2005 & prior         -         -         (2.0%)         (3.9%)         (5.9%)         (2.0%)           2006         -         -         (2.0%)         (3.9%)         (5.9%)         (2.0%)           2006         -         -         -         -         -         -         -           2007         -         -         -         -         -         -         -         -           2008         1.5%         1.5%         -         (3.1%)         (6.2%)         (7.7%)         (1.5%)           2009         1.0%         1.0%         -         (3.1%)         (6.3%)         (8.3%)         (2.1%)           2010         1.5%         1.5%         -         (3.6%)         (6.1%)         (9.2%)         (2.6%)           2011         1.7%         1.7%         -         (2.3%)         (5.1%)         (7.3%)         (2.3%)           2011         1.7%         1.2%         -         (1.9%)         (3.8%)         (5.5%)         (1.5%)           2011         0.6%         0.6%         -         (1.1%)	(1,35
assumption         assumption<	or fyr er
AY         0.00%         0.00%         0.27%         0.77%         1.27%         1.77%         0.66%           2005 & prior         -         -         (2.0%)         (3.9%)         (5.9%)         (2.0%)           2006         -         -         -         -         -         -         -           2007         -         -         -         -         -         -         -           2008         1.5%         1.5%         -         (3.1%)         (6.2%)         (7.7%)         (1.5%)           2009         1.0%         1.0%         -         (3.1%)         (6.3%)         (8.3%)         (2.1%)           2010         1.5%         1.5%         -         (3.6%)         (6.1%)         (9.2%)         (2.6%)           2011         1.7%         1.7%         -         (2.3%)         (5.1%)         (7.3%)         (2.3%)           2012         0.8%         0.8%         -         (1.4%)         (2.5%)         (3.7%)         (1.0%)           2013         1.2%         1.2%         -         (1.9%)         (3.8%)         (5.5%)         (1.5%)           2014         0.6%         0.6%         -         (1.0%)<	umptio
AY         0.00%         0.00%         0.27%         0.77%         1.27%         1.77%         0.66%           2005 & prior         -         -         (2.0%)         (3.9%)         (5.9%)         (2.0%)           2006         -         -         -         (2.0%)         (3.9%)         (5.9%)         (2.0%)           2007         -         -         -         -         -         -         -           2008         1.5%         1.5%         -         (3.1%)         (6.2%)         (7.7%)         (1.5%)           2009         1.0%         1.0%         -         (3.1%)         (6.3%)         (8.3%)         (2.1%)           2010         1.5%         1.5%         -         (3.6%)         (6.1%)         (9.2%)         (2.6%)           2011         1.7%         1.7%         -         (2.3%)         (5.1%)         (7.3%)         (2.3%)           2012         0.8%         0.8%         -         (1.4%)         (2.5%)         (3.7%)         (1.0%)           2013         1.2%         1.2%         -         (1.9%)         (3.8%)         (5.5%)         (1.5%)           2014         0.6%         0.6%         -	
2005 & prior         -         -         (2.0%)         (3.9%)         (5.9%)         (2.0%)           2006         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -	
2005 & prior         -         -         (2.0%)         (3.9%)         (5.9%)         (2.0%)           2006         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -	1.46%
2006         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -	(5.9%
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$\begin{array}{c c c c c c c c c c c c c c c c c c c $	(5.6%
$\begin{array}{c c c c c c c c c c c c c c c c c c c $	(3.0%
2014         0.6%         0.6%         -         (1.3%)         (2.6%)         (3.7%)         (1.1%)           2015         0.6%         0.6%         -         (1.0%)         (1.9%)         (2.8%)         (0.8%)           2016         0.6%         0.6%         -         (1.0%)         (2.0%)         (3.0%)         (0.8%)           2017         0.6%         0.6%         -         (1.1%)         (2.2%)         (3.3%)         (0.9%)           2018         0.8%         0.8%         -         (1.4%)         (2.8%)         (4.1%)         (1.1%)           2019         0.9%         0.9%         -         (1.7%)         (3.3%)         (4.9%)         (1.3%)           2020         0.9%         0.9%         -         (1.7%)         (3.3%)         (4.9%)         (1.3%)           Total         0.8%         0.8%         -         (1.5%)         (3.0%)         (4.4%)         (1.2%)	(4.5%
2015         0.6%         0.6%         -         (1.0%)         (1.9%)         (2.8%)         (0.8%)           2016         0.6%         0.6%         -         (1.0%)         (2.0%)         (3.0%)         (0.8%)           2017         0.6%         0.6%         -         (1.1%)         (2.2%)         (3.3%)         (0.9%)           2018         0.8%         0.8%         -         (1.4%)         (2.8%)         (4.1%)         (1.1%)           2019         0.9%         0.9%         -         (1.7%)         (3.3%)         (4.9%)         (1.3%)           2020         0.9%         0.9%         -         (1.7%)         (3.3%)         (4.9%)         (1.3%)           Total         0.8%         0.8%         -         (1.5%)         (3.0%)         (4.4%)         (1.2%)	(3.0%
2016         0.6%         0.6%         -         (1.0%)         (2.0%)         (3.0%)         (0.8%)           2017         0.6%         0.6%         -         (1.1%)         (2.2%)         (3.3%)         (0.9%)           2018         0.8%         0.8%         -         (1.4%)         (2.8%)         (4.1%)         (1.1%)           2019         0.9%         0.9%         -         (1.7%)         (3.3%)         (4.9%)         (1.3%)           2020         0.9%         0.9%         -         (1.7%)         (3.3%)         (4.9%)         (1.3%)           Total         0.8%         0.8%         -         (1.5%)         (3.0%)         (4.4%)         (1.2%)	(2.3%
2017         0.6%         0.6%         -         (1.1%)         (2.2%)         (3.3%)         (0.9%)           2018         0.8%         0.8%         -         (1.4%)         (2.8%)         (4.1%)         (1.1%)           2019         0.9%         0.9%         -         (1.7%)         (3.3%)         (4.9%)         (1.3%)           2020         0.9%         0.9%         -         (1.7%)         (3.3%)         (4.9%)         (1.3%)           Total         0.8%         0.8%         -         (1.5%)         (3.0%)         (4.4%)         (1.2%)	(2.4%
2018         0.8%         0.8%         -         (1.4%)         (2.8%)         (4.1%)         (1.1%)           2019         0.9%         0.9%         -         (1.7%)         (3.3%)         (4.9%)         (1.3%)           2020         0.9%         0.9%         -         (1.7%)         (3.3%)         (4.9%)         (1.3%)           Total         0.8%         0.8%         -         (1.5%)         (3.0%)         (4.4%)         (1.2%)	(2.6%
2019         0.9%         0.9%         -         (1.7%)         (3.3%)         (4.9%)         (1.3%)           2020         0.9%         0.9%         -         (1.7%)         (3.3%)         (4.9%)         (1.3%)           Total         0.8%         0.8%         -         (1.5%)         (3.0%)         (4.4%)         (1.2%)	(3.3%
2020         0.9%         0.9%         -         (1.7%)         (3.3%)         (4.9%)         (1.3%)           Total         0.8%         0.8%         -         (1.5%)         (3.0%)         (4.4%)         (1.2%)	(3.9%
Total 0.8% 0.8% - (1.5%) (3.0%) (4.4%) (1.2%)	(4.0%
	(3.5%
curr - 100 bp curr - 50 bp curr val curr + 50bp curr + 100bp curr + 150bp prior val prior	or fyr er



Interest Rate Sensitivity (\$000s)

Indemnity claims liabilities as projected from the latest valuation to December 31, 2020.

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NOVA SCOTIA
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	Actuar	ial Present Va	lue of Provisio	ons at Various	Discount Rate	es - Dec. 31, 20	20 projected L	Inpaid
ΑΥ	0.00%	0.00%		0.77%	1.27%	1.77%	0.66%	1.46%
2005 & prior	(195)	(195)	(193)	(191)	(188)	(187)	(191)	(188
2006	(3)	(3)		(3)	(3)	(3)	(3)	(5
2007	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1
2008	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2
2009	260	260	255	246	238	231	248	235
2010	17	17	17	16	16	15	17	16
2011	1	1	1	1	1	1	1	:
2012	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2
2013	1,110	1,110	1,091	1,059	1,029	1,001	1,067	1,018
2014	1,042	1,042	1,034	1,018	1,003	989	1,021	997
2015	262	262	260	256	253	250	257	252
2016	1,722	1,722	1,713	1,696	1,679	1,662	1,700	1,672
2017	2,996	2,996	2,978	2,946	2,916	2,886	2,953	2,904
2018	4,956	4,956	4,925	4,872	4,819	4,768	4,883	4,79
2019	9,526	9,526	9,460	9,343	9,229	9,118	9,369	9,18
2020	12,359	12,359	12,263	12,092	11,927	11,765	12,131	11,860
Total	34,048	34,048	33,796	33,346	32,914	32,491	33,448	32,75
	curr - 100 bp	curr - 50 bp	curr val	curr + 50bp	curr + 100bp	curr + 150bp	prior val	prior fyr en
			assumption				assumption	assumption
mounts in							*	•
AY	0.00%	0.00%			o Valuation A	1.77%	0.66%	1 460
	0.00%	0.00%	0.27%	0.77%	1.27%		0.66%	1.46%
Total	252	252	-	(450)	(882)	(1,305)	(348)	(1,04
	curr - 100 bp	curr - 50 bp	curr val		curr + 100bp	curr + 1506p	prior val	prior fyr en
		1	assumption				assumption	assumption
mounts in	[		Doroontogol	maat Dalativ		Accumption		
			Ŭ		e to Valuation	•		
AY	0.00%	0.00%	0.27%	0.77%	1.27%	1.77%	0.66%	1.46%
2005 & prior	1.0%	1.0%	-					
2006	-			(1.0%)	(2.6%)	(3.1%)	(1.0%)	(2.6%
		-	-	(1.0%)	(2.6%) -	(3.1%)	(1.0%)	(2.6%
2007			- -	(1.0%) - -	(2.6%) - -	(3.1%)	(1.0%) - -	(2.6%
2008		- - -	- - -	, 	- - - -	- - - -	- - 	
	- - 2.0%	- - - 2.0%		(1.0%)	(2.6%) - - - (6.7%)	(3.1%)	(1.0%)	
2008 2009 2010		- - - 2.0%_ -		, 	- - - -	- - - -	- - 	(2.6% - - (7.8% (5.9%
2008 2009	2.0%	- - - 2.0% - -	- - - - - -	(3.5%)	(6.7%)	(9.4%)	- - 	(7.8%
2008 2009 2010	 	- - - 2.0% - - - -	- - - - - - - - - - - - - -	(3.5%)	(6.7%)	(9.4%)	- - 	(7.8%
2008 2009 2010 2011			- - - - - - - - - - - - - -	(3.5%)	(6.7%)	(9.4%)	- - 	(7.8% (5.9%
2008 2009 2010 2011 2012		- - - 1.7% 0.8%	- - - - - - - - - - - - - - - - - - -	(3.5%) (5.9%) (2.9%) (1.5%)	(6.7%) (5.9%)	(9.4%) (11.8%) (11.8%) (8.2%) (4.4%)	(2.7%) (2.2%) (1.3%)	(7.8% (5.9% (6.7% (3.6%
2008 2009 2010 2011 2012 2013	- - - 1.7%	- - - 1.7%	- - - - - - - - - - - - - - - - - - -	(3.5%) (5.9%) (2.9%)	(6.7%) (5.9%) (5.7%)	(9.4%) (11.8%) (8.2%)	(2.7%) (2.2%) (1.3%) (1.2%)	(7.89 (5.99 (6.79 (3.69 (3.19
2008 2009 2010 2011 2012 2013 2014	- 	- - - 1.7% 0.8%	- - - - - - - - - - - - - - - - - - -	(3.5%) (5.9%) (2.9%) (1.5%)	(6.7%) (5.9%) (5.7%) (3.0%)	(9.4%) (11.8%) (11.8%) (8.2%) (4.4%)	(2.7%) (2.2%) (1.3%) (1.2%)	(7.89 (5.99 (6.79 (3.69 (3.19
2008 2009 2010 2011 2012 2013 2014 2015		- - 1.7% 0.8% 0.8%	- - - - - - - - - - - - - - - - - - -	(3.5%) (5.9%) (2.9%) (1.5%) (1.5%)	(6.7%) (5.9%) (5.7%) (3.0%) (2.7%)	(9.4%) (11.8%) (8.2%) (4.4%) (3.8%)	(2.7%) (2.2%) (1.3%) (1.2%) (0.8%)	(7.89 (5.99 (6.79 (3.69 (3.19 (2.49
2008 2009 2010 2011 2012 2013 2014 2015 2016			- - - - - - - - - - - - - - - - - - -	(3.5%) (5.9%) (2.9%) (1.5%) (1.5%) (1.0%)	(6.7%) (5.9%) (5.7%) (3.0%) (2.7%) (2.0%)	(9.4%) (11.8%) (8.2%) (4.4%) (3.8%) (3.0%)	(2.7%) (2.2%) (1.3%) (1.2%) (0.8%)	(7.89 (5.99 (6.79 (3.69 (3.19 (2.49 (2.59
2008 2009 2010 2011 2012 2013 2014 2015 2016 2017		1.7% 0.8% 0.8% 0.5% 0.6%	- - - - - - - - - - - - - - - - - - -	(3.5%) (5.9%) (2.9%) (1.5%) (1.5%) (1.0%) (1.1%)	(6.7%) (5.9%) (5.7%) (3.0%) (2.7%) (2.0%) (2.1%)	(9.4%) (11.8%) (8.2%) (4.4%) (3.8%) (3.0%) (3.1%)	(2.7%) (2.2%) (1.3%) (1.2%) (0.8%) (0.8%)	(7.89 (5.99 (6.79 (3.69 (3.19 (2.49 (2.59 (2.69
2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018		1.7% 0.8% 0.8% 0.5% 0.6% 0.6%	- - - - - - - - - - - - - - - - - - -	(3.5%) (5.9%) (2.9%) (1.5%) (1.5%) (1.0%) (1.1%) (1.1%)	(6.7%) (5.9%) (5.7%) (3.0%) (2.7%) (2.0%) (2.1%) (2.2%)	(9.4%) (11.8%) (8.2%) (4.4%) (3.8%) (3.0%) (3.1%) (3.2%)	(2.7%) (2.2%) (1.3%) (1.2%) (0.8%) (0.8%) (0.9%)	(7.89 (5.99 (6.79 (3.69 (3.19 (2.49 (2.59 (2.69 (2.99
2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019		1.7% 0.8% 0.8% 0.5% 0.6% 0.6% 0.6% 0.7%	- - - - - - - - - - - - - - - - - - -	(3.5%) (5.9%) (1.5%) (1.5%) (1.0%) (1.1%) (1.1%) (1.1%) (1.2%)	(6.7%) (5.9%) (5.9%) (3.0%) (2.7%) (2.0%) (2.1%) (2.2%) (2.4%)	(9.4%) (11.8%) (8.2%) (4.4%) (3.8%) (3.0%) (3.1%) (3.2%) (3.6%)	(2.7%) (2.2%) (1.3%) (1.2%) (0.8%) (0.8%) (0.9%) (1.0%) (1.1%)	(7.89 (5.99 (6.79 (3.69 (3.19 (2.49 (2.59 (2.69 (2.99 (3.29
2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019 2020	1.7% 0.8% 0.8% 0.5% 0.6% 0.6% 0.7% 0.8%		- - - - - - - - - - - - - - - - - - -	(3.5%) (5.9%) (1.5%) (1.5%) (1.0%) (1.1%) (1.1%) (1.1%) (1.2%) (1.4%) (1.3%)	(6.7%) (5.9%) (5.9%) (3.0%) (2.7%) (2.0%) (2.1%) (2.2%) (2.4%) (2.7%)	(9.4%) (11.8%) (4.4%) (3.8%) (3.0%) (3.1%) (3.2%) (3.6%) (4.1%) (3.9%)	(2.7%) (2.2%) (1.3%) (1.2%) (0.8%) (0.8%) (0.9%) (1.0%) (1.1%)	(7.89 (5.99 (6.79 (3.69 (3.19 (2.49 (2.59 (2.69 (2.99 (3.29



Interest Rate Sensitivity (\$000s)

Indemnity claims liabilities as projected from the latest valuation to December 31, 2020.

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## PRINCE EDWARD ISLAND

mounts in \$000s								
	Actuar	ial Present Va	lue of Provisio	ons at Various	Discount Rate	es - Dec. 31, 20	20 projected L	Inpaid
AY	0.00%	0.00%	0.27%	0.77%	1.27%	1.77%	0.66%	1.46%
2005 & prior	(345)	(345)	(341)	(334)	(328)	(321)	(336)	(325
2006	-	-	-	-	-	-	-	-
2007								
2008	-	-	-	-	-	-	-	-
2009								
2010	(27)	(27)	(26)	(25)	(24)	(23)	(25)	(24
2011				<u>_</u>	<u>-</u>		<u>-</u>	Ļ <u>-</u> -
2012	349	349	341	327	314	301	330	309
2013				<u>-</u>				<u></u>
2014	128	128	124	119	113	108	120	112
2015	761	761	754	742	729	719	744	725
2016	1,116	1,116	1,105	1,085	1,068	1,050	1,090	1,061
2017	1,306	1,306	1,299	1,287	1,274	1,263	1,289	1,269
2018	1,023	1,023	1,017	1,006	996	985	1,009	992
2019	1,709	1,709	1,698	1,678	1,659	1,640	1,682	1,652
2020	2,094	2,094	2,079	2,051	2,024	1,998	2,057	2,014
Total	8,114	8,114	8,050	7,936	7,825	7,720	7,960	7,785
	curr - 100 bp	curr - 50 bp	curr val	curr + 50bp	curr + 100bp	curr + 150bp	prior val	prior fyr end
			assumption				assumption	assumption
mounts in				-				
			Dollar Imp	oact Relative t	o Valuation A	ssumption		
AY	0.00%	0.00%	0.27%	0.77%	1.27%	1.77%	0.66%	1.46%
Total	64	64	-	(114)	(225)	(330)	(90)	(265)
Total	64 curr - 100 bp	64 curr - 50 bp	- curr val		<mark>(225)</mark> curr + 100bp	, ,	<mark>(90)</mark> prior val	, ,
Total			- curr val assumption	curr + 50bp		, ,	prior val	prior fyr end
Total mounts in				curr + 50bp		, ,	prior val	prior fyr end
			assumption	curr + 50bp		curr + 150bp	prior val	prior fyr end
			assumption Percentage I	curr + 50bp	curr + 100bp	curr + 150bp	prior val	(265 prior fyr enc assumption 1.46%
mounts in AY	curr - 100 bp	curr - 50 bp 0.00%	assumption Percentage I	curr + 50bp mpact Relativ 0.77%	curr + 100bp re to Valuatior 1.27%	curr + 150bp Assumption 1.77%	prior val assumption 0.66%	prior fyr enc assumption 1.46%
mounts in AY 2005 & prior	curr - 100 bp	curr - 50 bp	assumption Percentage I 0.27%	curr + 50bp mpact Relativ	curr + 100bp re to Valuatior 1.27%	curr + 150bp	prior val assumption	prior fyr enc assumption 1.46%
mounts in AY 2005 & prior 2006	curr - 100 bp	curr - 50 bp 0.00%	assumption Percentage I 0.27%	curr + 50bp mpact Relativ 0.77% (2.1%)	curr + 100bp re to Valuatior 1.27%	curr + 150bp Assumption 1.77%	prior val assumption 0.66%	prior fyr enc assumption
Mounts in AY 2005 & prior 2006 2007	curr - 100 bp	curr - 50 bp 0.00%	assumption Percentage I 0.27%	curr + 50bp mpact Relativ 0.77% (2.1%)	curr + 100bp re to Valuatior 1.27%	curr + 150bp Assumption 1.77%	prior val assumption 0.66%	prior fyr enc assumption 1.46%
Mounts in AY 2005 & prior 2006 2007 2008	curr - 100 bp	curr - 50 bp 0.00%	assumption Percentage I 0.27%	curr + 50bp mpact Relativ 0.77% (2.1%)	curr + 100bp re to Valuatior 1.27%	curr + 150bp Assumption 1.77%	prior val assumption 0.66%	prior fyr enc assumption 1.46%
Mounts in AY 2005 & prior 2006 2007 2008 2009	curr - 100 bp	curr - 50 bp 0.00% 1.2% - - - -	assumption Percentage I 0.27%	curr + 50bp mpact Relativ 0.77% (2.1%) - - - -	curr + 100bp re to Valuatior 1.27% (3.8%) - - - - -	curr + 150bp Assumption 1.77% (5.9%) - - - - -	prior val assumption 0.66% (1.5%) - - - -	prior fyr enc assumption 1.46% (4.7%
Mounts in AY 2005 & prior 2006 2007 2008 2009 2010	curr - 100 bp	curr - 50 bp 0.00%	assumption Percentage I 0.27%	curr + 50bp mpact Relativ 0.77% (2.1%)	curr + 100bp re to Valuatior 1.27% (3.8%) - - - - -	curr + 150bp Assumption 1.77%	prior val assumption 0.66%	prior fyr enc assumption 1.46% (4.7%
Mounts in AY 2005 & prior 2006 2007 2008 2009 2010 2011	curr - 100 bp	curr - 50 bp 0.00% 1.2% - - - - 3.8% -	assumption Percentage I 0.27%	curr + 50bp mpact Relativ 0.77% (2.1%) - - - - - (3.8%) -	curr + 100bp re to Valuatior 1.27% (3.8%) - - - - - - (7.7%) -	curr + 150bp Assumption 1.77% (5.9%) - - (11.5%) -	prior val assumption 0.66% (1.5%) - - - (3.8%) -	prior fyr enc assumption 1.46% (4.7% - - - (7.7%
AY           2005 & prior           2006           2007           2008           2009           2010           2011           2012	curr - 100 bp	curr - 50 bp 0.00% 1.2% - - - -	assumption Percentage I 0.27%	curr + 50bp mpact Relativ 0.77% (2.1%) - - - -	curr + 100bp re to Valuatior 1.27% (3.8%) - - - - - - (7.7%) -	curr + 150bp Assumption 1.77% (5.9%) - - - - -	prior val assumption 0.66% (1.5%) - - - -	prior fyr enc assumption 1.46% (4.7% - - - (7.7%
AY           2005 & prior           2006           2007           2008           2009           2010           2011           2012           2013	curr - 100 bp	curr - 50 bp 0.00% 1.2% - - - - - - - - - - - - - - - - - - -	assumption Percentage I 0.27%	curr + 50bp mpact Relativ 0.77% (2.1%) - - - (3.8%) - (4.1%) -	curr + 100bp re to Valuatior 1.27% (3.8%) - - - (7.7%) - (7.9%) -	curr + 150bp Assumption 1.77% (5.9%) - - - (11.5%) - (11.7%) -	prior val assumption 0.66% (1.5%) - - - (3.8%) - (3.2%) -	prior fyr end assumption 1.46% (4.7% - - - (7.7% - (9.4%
AY           2005 & prior           2006           2007           2008           2009           2010           2011           2012           2013           2014	curr - 100 bp	curr - 50 bp 0.00% 1.2% - - - 3.8% - - 2.3% - - 3.2%	assumption Percentage I 0.27%	curr + 50bp mpact Relativ 0.77% (2.1%) - - (3.8%) - (4.1%) - - (4.0%)	curr + 100bp re to Valuatior 1.27% (3.8%) - - - (7.7%) - (7.9%) - (8.9%)	curr + 150bp 1 Assumption 1.77% (5.9%) - - (11.5%) - (11.7%) - (12.9%)	prior val assumption 0.66% (1.5%) - - - (3.8%) - (3.2%) - (3.2%)	prior fyr enc assumption 1.46% (4.7% - - - (7.7% - (9.4% - (9.7%
AY           2005 & prior           2006           2007           2008           2009           2010           2011           2012           2013           2014           2015	curr - 100 bp	curr - 50 bp 0.00% 1.2% - - - 3.8% - - 3.2% 0.9%	assumption Percentage I 0.27%	curr + 50bp mpact Relativ 0.77% (2.1%) - - - (3.8%) - - (4.1%) (4.0%) (1.6%)	curr + 100bp re to Valuatior 1.27% (3.8%) - - - (7.7%) - - (7.9%) - - (8.9%) (3.3%)	curr + 150bp 1 Assumption 1.77% (5.9%) - - (11.5%) - (11.7%) - (12.9%) (4.6%)	prior val assumption 0.66% (1.5%) - - (3.8%) - (3.2%) (1.3%)	prior fyr enc assumption 1.46% (4.7% - - (7.7% (9.4% - (9.7% (3.8%
mounts in           AY           2005 & prior           2006           2007           2008           2009           2010           2011           2012           2013           2014           2015           2016	curr - 100 bp	curr - 50 bp 0.00% 1.2% - - - 3.8% - - 3.2% 0.9% 1.0%	assumption Percentage I 0.27%	curr + 50bp mpact Relativ 0.77% (2.1%) - - (3.8%) - (4.1%) (4.1%) (1.6%) (1.8%)	curr + 100bp re to Valuatior 1.27% (3.8%) - - - (7.7%) - (7.9%) - (7.9%) - (8.9%) (3.3%) (3.3%)	curr + 150bp Assumption 1.77% (5.9%) - - (11.5%) (11.7%) - (11.7%) (12.9%) (4.6%) (5.0%)	prior val assumption 0.66% (1.5%) - - - (3.8%) - (3.2%) - (3.2%) (1.3%) (1.4%)	prior fyr end assumption 1.46% (4.7% - - - (7.7% - (9.4% - (9.7% (3.8% (4.0%
mounts in           AY           2005 & prior           2006           2007           2008           2009           2010           2011           2012           2013           2014           2015           2016           2017	curr - 100 bp	curr - 50 bp 0.00% 1.2% - - - 3.8% - - 3.8% - - 3.2% 0.9% 1.0% 0.5%	assumption Percentage I 0.27%	curr + 50bp	curr + 100bp re to Valuatior 1.27% (3.8%) - - (7.7%) - (7.9%) - (8.9%) (3.3%) (3.3%) (1.9%)	curr + 150bp Assumption 1.77% (5.9%) - - (11.5%) (11.5%) - (11.7%) (12.9%) (4.6%) (5.0%) (2.8%)	prior val assumption 0.66% (1.5%) - - - (3.8%) - (3.2%) (1.3%) (1.4%) (0.8%)	prior fyr enc assumption 1.46% (4.7% - - - (7.7% (9.4% (3.8% (4.0% (2.3%
mounts in           AY           2005 & prior           2006           2007           2008           2009           2010           2011           2012           2013           2014           2015           2016           2017           2018	curr - 100 bp	curr - 50 bp 0.00% 1.2% - - - 3.8% - - 3.8% - - 3.2% 0.9% 1.0% 0.5% 0.6%	assumption Percentage I 0.27%	curr + 50bp mpact Relativ 0.77% (2.1%) - - - (3.8%) - (4.1%) - (4.0%) (1.6%) (1.8%) (0.9%) (1.1%)	curr + 100bp re to Valuatior 1.27% (3.8%) - - (7.7%) - (7.9%) (3.3%) (3.3%) (1.9%) (2.1%)	curr + 150bp Assumption 1.77% (5.9%) - - (11.5%) (11.7%) (11.7%) (11.7%) (12.9%) (4.6%) (5.0%) (2.8%) (3.1%)	prior val assumption 0.66% (1.5%) - - - (3.8%) - (3.2%) (1.3%) (1.4%) (0.8%) (0.8%)	prior fyr end assumption 1.46% (4.7% - - - (7.7% (9.4% (3.8% (4.0% (2.3% (2.5%
mounts in           AY           2005 & prior           2006           2007           2008           2009           2010           2011           2012           2013           2014           2015           2016           2017           2018           2019	curr - 100 bp	curr - 50 bp 0.00% 1.2% - - - 3.8% - 2.3% - 3.2% 0.9% 1.0% 0.5% 0.6% 0.6%	assumption Percentage I 0.27%	curr + 50bp mpact Relativ 0.77% (2.1%) - - - (3.8%) - (4.1%) (1.6%) (1.8%) (0.9%) (1.1%) (1.2%)	curr + 100bp re to Valuatior 1.27% (3.8%) - - (7.7%) (7.9%) - (8.9%) (3.3%) (3.3%) (1.9%) (2.1%) (2.3%)	curr + 150bp Assumption 1.77% (5.9%) - - (11.5%) (11.7%) (11.7%) (11.7%) (11.7%) (12.9%) (4.6%) (5.0%) (2.8%) (3.1%) (3.4%)	prior val assumption 0.66% (1.5%) - - - (3.8%) - (3.2%) (1.3%) (1.3%) (1.4%) (0.8%) (0.8%) (0.9%)	prior fyr enc assumption 1.46% (4.7% - - - (7.7% (9.4% (3.8% (4.0% (2.3% (2.5% (2.7%)
mounts in           AY           2005 & prior           2006           2007           2008           2009           2010           2011           2012           2013           2014           2015           2016           2017           2018           2019           2020	curr - 100 bp	curr - 50 bp 0.00% 1.2% - - - 3.8% - 2.3% - 3.2% 0.9% 1.0% 0.5% 0.6% 0.6% 0.7%	assumption Percentage I 0.27%	curr + 50bp	curr + 100bp re to Valuatior 1.27% (3.8%) - - (7.7%) - (7.9%) - (8.9%) (3.3%) (3.3%) (3.3%) (1.9%) (2.1%) (2.3%) (2.6%)	curr + 150bp Assumption 1.77% (5.9%) - (11.5%) - (11.5%) - (11.7%) (12.9%) (4.6%) (5.0%) (2.8%) (3.1%) (3.4%) (3.9%)	prior val assumption 0.66% (1.5%) - - (3.8%) - (3.2%) (1.3%) (1.3%) (0.8%) (0.8%) (0.9%) (1.1%)	prior fyr enc assumption 1.46% (4.7% - - (7.7% (9.4% - (9.4% (9.7% (3.8% (2.5% (2.7% (3.1%
mounts in           AY           2005 & prior           2006           2007           2008           2009           2010           2011           2012           2013           2014           2015           2016           2017           2018           2019	curr - 100 bp	curr - 50 bp 0.00% 1.2% - - - 3.8% - 2.3% - 3.2% 0.9% 1.0% 0.5% 0.6% 0.6%	assumption Percentage I 0.27%	curr + 50bp	curr + 100bp re to Valuatior 1.27% (3.8%) - - (7.7%) (7.9%) - (8.9%) (3.3%) (3.3%) (1.9%) (2.1%) (2.3%)	curr + 150bp Assumption 1.77% (5.9%) - - (11.5%) - (11.7%) - (12.9%) (12.9%) (12.9%) (2.8%) (3.1%) (3.1%) (3.4%) (3.9%) (4.1%)	prior val assumption 0.66% (1.5%) - - (3.8%) - (3.2%) (1.3%) (1.3%) (1.4%) (0.8%) (0.9%) (1.1%) (1.1%)	prior fyr end assumption 1.46% (4.7% - - (7.7% (9.4% (3.8% (4.0% (2.3% (2.5%



Interest Rate Sensitivity (\$000s)

Indemnity claims liabilities as projected from the latest valuation to December 31, 2020.

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### ONTARIO

	Actuar	ial Present Va	lue of Provisio	ons at Various	Discount Rate	es - Dec. 31, 20	20 projected L	Inpaid
AY	0.00%	0.00%	0.27%	0.77%	1.27%	1.77%	0.66%	1.46%
2005 & prior	35,584	35,584	35,394	35,048	34,709	34,375	35,122	34,582
2006	295	295	291	284	276	270	285	274
2007	2,279	2,279	2,244	2,182	2,123	2,065	2,196	2,101
2008	258	258	254	246	238	231	247	236
2009	283	283	277	269	260	252	271	257
2010	574	574	567	555	544	533	557	539
2011	2,088	2,088	2,061	2,012	1,967	1,923	2,023	1,950
2012	885	885	872	848	826	806	853	81
2013	2,734	2,734	2,707	2,659	2,612	2,568	2,669	2,595
2014	4,989	4,989	4,951	4,881	4,815	4,751	4,896	4,790
2015	7,206	7,206	7,168	7,097	7,030	6,964	7,113	7,004
2016	6,059	6,059	6,024	5,960	5,900	5,841	5,975	5,878
2017	7,167	7,167	7,124	7,046	6,971	6,897	7,063	6,943
2018	12,742	12,742	12,653	12,493	12,338	12,185	12,528	12,279
2019	33,890	33,890	33,621	33,140	32,671	32,214	33,247	32,497
2020	41,223	41,223	40,875	40,243	39,636	39,044	40,383	39,410
Total	158,256	158,256	157,083	154,963	152,916	150,919	155,428	152,153
	curr - 100 bp	curr - 50 bp	curr val	curr + 50bp	curr + 100bp	curr + 150bp	prior val	prior fyr en
			assumption				assumption	assumptior
mounts in								
			Dollar Imp	oact Relative t	o Valuation A	ssumption		
AY	0.00%	0.00%	0.27%	0.77%	1.27%	1.77%	0.66%	1.46%
Total	1,173	1,173	-	(2,120)	(4,167)	(6,164)	(1,655)	(4,930
	curr - 100 bp	curr - 50 bp	curr val	curr + 50bp	curr + 100bp	curr + 150bp	prior val	prior fyr en
			assumption				assumption	assumptior
mounts in								
			Percentage I	mpact Relativ	e to Valuation	Assumption	1	
ΑΥ	0.00%	0.00%		mpact Relativ 0.77%	e to Valuation 1.27%	Assumption 1.77%	0.66%	1.46%
<b>AY</b> 2005 & prior	0.00%	0.00% 0.5%			1.27%	•	0.66% (0.8%)	1.46%
				0.77%	1.27% (1.9%)	1.77%		(2.3%
2005 & prior	0.5%	0.5%		0.77% (1.0%)	1.27% (1.9%) (5.2%)	1.77% (2.9%)	(0.8%)	
2005 & prior 2006	0.5% 1.4%	0.5% 1.4%		0.77% (1.0%) (2.4%)	1.27% (1.9%) (5.2%) (5.4%)	1.77% (2.9%) (7.2%)	(0.8%) (2.1%)	(2.3% (5.8% (6.4%
2005 & prior 2006 2007	0.5% 1.4% 1.6%	0.5% 1.4% 1.6%		0.77% (1.0%) (2.4%) (2.8%)	1.27% (1.9%) (5.2%) (5.4%) (6.3%)	1.77% (2.9%) (7.2%) (8.0%)	(0.8%) (2.1%) (2.1%)	(2.3% (5.8% (6.4% (7.1%
2005 & prior 2006 2007 2008	0.5% 1.4% 1.6% 1.6%	0.5% 1.4% 1.6% 1.6%		0.77% (1.0%) (2.4%) (2.8%) (3.1%)	1.27% (1.9%) (5.2%) (5.4%) (6.3%) (6.1%)	1.77% (2.9%) (7.2%) (8.0%) (9.1%)	(0.8%) (2.1%) (2.1%) (2.8%) (2.2%)	(2.3% (5.8% (6.4% (7.1%
2005 & prior 2006 2007 2008 2009	0.5% 1.4% 1.6% 1.6% 2.2%	0.5% 1.4% 1.6% 1.6% 2.2%		0.77% (1.0%) (2.4%) (2.8%) (3.1%) (2.9%)	1.27% (1.9%) (5.2%) (5.4%) (6.3%) (6.1%)	1.77% (2.9%) (7.2%) (8.0%) (9.1%) (9.0%)	(0.8%) (2.1%) (2.1%) (2.8%) (2.2%)	(2.3% (5.8% (6.4% (7.1% (7.2%
2005 & prior 2006 2007 2008 2009 2010	0.5% 1.4% 1.6% 2.2% 1.2%	0.5% 1.4% 1.6% 1.6% 2.2% 1.2%		0.77% (1.0%) (2.4%) (2.8%) (3.1%) (2.9%) (2.1%)	1.27% (1.9%) (5.2%) (5.4%) (6.3%) (6.1%) (4.1%) (4.6%)	1.77% (2.9%) (7.2%) (8.0%) (9.1%) (9.0%) (6.0%)	(0.8%) (2.1%) (2.1%) (2.8%) (2.2%) (1.8%) (1.8%)	(2.3% (5.8% (6.4% (7.1% (7.2% (4.9% (5.4%
2005 & prior 2006 2007 2008 2009 2010 2011	0.5% 1.4% 1.6% 2.2% 1.2% 1.3%	0.5% 1.4% 1.6% 2.2% 1.2% 1.3%		0.77% (1.0%) (2.4%) (2.8%) (3.1%) (2.9%) (2.1%) (2.4%)	1.27% (1.9%) (5.2%) (5.4%) (6.3%) (6.1%) (4.1%) (4.6%)	1.77% (2.9%) (7.2%) (8.0%) (9.1%) (9.0%) (6.0%) (6.7%)	(0.8%) (2.1%) (2.1%) (2.8%) (2.2%) (1.8%) (1.8%)	(2.3% (5.8% (6.4% (7.1% (7.2% (4.9% (5.4% (6.2%
2005 & prior 2006 2007 2008 2009 2010 2011 2012	0.5% 1.4% 1.6% 1.6% 2.2% 1.2% 1.3% 1.5%	0.5% 1.4% 1.6% 2.2% 1.2% 1.3% 1.5%		0.77% (1.0%) (2.4%) (2.8%) (3.1%) (2.9%) (2.1%) (2.4%) (2.8%)	1.27% (1.9%) (5.2%) (5.4%) (6.3%) (6.1%) (4.1%) (4.6%) (5.3%)	1.77% (2.9%) (7.2%) (8.0%) (9.1%) (9.0%) (6.0%) (6.7%) (7.6%)	(0.8%) (2.1%) (2.8%) (2.2%) (1.8%) (1.8%) (2.2%) (1.4%)	(2.3% (5.8% (6.4% (7.1% (7.2% (4.9% (5.4% (6.2% (4.1%
2005 & prior 2006 2007 2008 2009 2010 2011 2012 2013	0.5% 1.4% 1.6% 1.6% 2.2% 1.2% 1.3% 1.5% 1.0%	0.5% 1.4% 1.6% 2.2% 1.2% 1.3% 1.5% 1.0%		0.77% (1.0%) (2.4%) (2.8%) (3.1%) (2.9%) (2.1%) (2.4%) (2.4%) (2.8%) (1.8%) (1.4%)	1.27% (1.9%) (5.2%) (5.4%) (6.3%) (6.1%) (4.1%) (4.6%) (5.3%) (3.5%) (2.7%)	1.77% (2.9%) (7.2%) (8.0%) (9.1%) (9.0%) (6.0%) (6.7%) (7.6%) (5.1%) (4.0%)	(0.8%) (2.1%) (2.8%) (2.2%) (1.8%) (1.8%) (2.2%) (1.4%) (1.1%)	(2.3% (5.8% (6.4% (7.1% (7.2% (4.9% (5.4% (6.2% (4.1% (3.3%
2005 & prior 2006 2007 2008 2009 2010 2011 2012 2013 2014	0.5% 1.4% 1.6% 2.2% 1.2% 1.3% 1.5% 1.0% 0.8%	0.5% 1.4% 1.6% 2.2% 1.2% 1.3% 1.5% 1.0% 0.8%		0.77% (1.0%) (2.4%) (2.8%) (3.1%) (2.9%) (2.1%) (2.4%) (2.8%) (1.8%)	1.27% (1.9%) (5.2%) (5.4%) (6.3%) (6.1%) (4.1%) (4.6%) (5.3%) (3.5%) (2.7%) (1.9%)	1.77% (2.9%) (7.2%) (8.0%) (9.1%) (9.0%) (6.0%) (6.0%) (6.7%) (7.6%) (5.1%)	(0.8%) (2.1%) (2.8%) (2.2%) (1.8%) (1.8%) (2.2%) (1.4%) (1.1%) (0.8%)	(2.3% (5.8% (6.4% (7.1% (7.2% (4.9% (5.4% (6.2% (4.1% (3.3% (2.3%
2005 & prior 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015	0.5% 1.4% 1.6% 1.6% 2.2% 1.2% 1.2% 1.3% 1.5% 1.0% 0.8% 0.5%	0.5% 1.4% 1.6% 2.2% 1.2% 1.3% 1.5% 1.0% 0.8% 0.5%		0.77% (1.0%) (2.4%) (2.8%) (3.1%) (2.9%) (2.1%) (2.4%) (2.8%) (1.8%) (1.4%) (1.0%)	1.27% (1.9%) (5.2%) (5.4%) (6.3%) (6.1%) (4.1%) (4.6%) (5.3%) (3.5%) (2.7%) (1.9%) (2.1%)	1.77% (2.9%) (7.2%) (8.0%) (9.1%) (9.0%) (6.0%) (6.7%) (7.6%) (5.1%) (4.0%) (2.8%)	(0.8%) (2.1%) (2.8%) (2.2%) (1.8%) (1.8%) (2.2%) (1.4%) (1.1%) (0.8%) (0.8%)	(2.3% (5.8% (6.4% (7.1% (7.2% (4.9% (5.4% (6.2% (4.1% (3.3% (2.3% (2.4%
2005 & prior 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016	0.5% 1.4% 1.6% 1.6% 2.2% 1.2% 1.2% 1.3% 1.5% 1.0% 0.8% 0.5% 0.6%	0.5% 1.4% 1.6% 2.2% 1.2% 1.3% 1.5% 1.0% 0.8% 0.5% 0.6%		0.77% (1.0%) (2.4%) (2.8%) (3.1%) (2.9%) (2.1%) (2.4%) (2.8%) (1.8%) (1.4%) (1.0%) (1.1%)	1.27% (1.9%) (5.2%) (5.4%) (6.3%) (6.1%) (4.1%) (4.6%) (5.3%) (3.5%) (2.7%) (1.9%) (2.1%) (2.1%)	1.77% (2.9%) (7.2%) (8.0%) (9.1%) (9.0%) (6.0%) (6.7%) (7.6%) (5.1%) (4.0%) (2.8%) (3.0%)	(0.8%) (2.1%) (2.8%) (2.2%) (1.8%) (1.8%) (2.2%) (1.4%) (1.1%) (0.8%) (0.8%) (0.9%)	(2.3% (5.8% (6.4% (7.1% (7.2% (4.9% (5.4% (6.2% (4.1% (3.3% (2.3% (2.4% (2.5%)
2005 & prior 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017	0.5% 1.4% 1.6% 1.6% 2.2% 1.2% 1.2% 1.3% 1.5% 1.0% 0.8% 0.5% 0.6%	0.5% 1.4% 1.6% 2.2% 1.2% 1.3% 1.5% 1.0% 0.8% 0.5% 0.6% 0.6%		0.77% (1.0%) (2.4%) (2.8%) (3.1%) (2.9%) (2.1%) (2.4%) (2.4%) (1.8%) (1.4%) (1.4%) (1.1%) (1.1%) (1.3%)	1.27% (1.9%) (5.2%) (5.4%) (6.3%) (6.1%) (4.1%) (4.6%) (5.3%) (3.5%) (2.7%) (1.9%) (2.1%) (2.1%) (2.5%)	1.77% (2.9%) (7.2%) (8.0%) (9.1%) (9.0%) (6.0%) (6.7%) (7.6%) (5.1%) (4.0%) (2.8%) (3.0%) (3.2%)	(0.8%) (2.1%) (2.8%) (2.2%) (1.8%) (1.8%) (2.2%) (1.4%) (1.1%) (0.8%) (0.8%) (0.9%) (1.0%)	(2.3% (5.8% (6.4% (7.1% (7.2% (4.9% (5.4% (6.2% (4.1% (3.3% (2.3% (2.4% (2.5% (3.0%)
2005 & prior 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018	0.5% 1.4% 1.6% 1.6% 2.2% 1.2% 1.2% 1.3% 1.5% 1.0% 0.8% 0.5% 0.6% 0.6% 0.7%	0.5% 1.4% 1.6% 2.2% 1.2% 1.3% 1.5% 1.0% 0.8% 0.5% 0.6% 0.6% 0.7%		0.77% (1.0%) (2.4%) (2.8%) (3.1%) (2.9%) (2.1%) (2.4%) (2.8%) (1.8%) (1.4%) (1.0%) (1.1%) (1.1%)	1.27% (1.9%) (5.2%) (5.4%) (6.3%) (6.1%) (4.1%) (4.6%) (5.3%) (3.5%) (2.7%) (1.9%) (2.1%) (2.1%) (2.5%)	1.77% (2.9%) (7.2%) (8.0%) (9.1%) (9.0%) (6.0%) (6.7%) (7.6%) (5.1%) (4.0%) (2.8%) (3.0%) (3.2%) (3.7%)	(0.8%) (2.1%) (2.8%) (2.2%) (1.8%) (1.8%) (2.2%) (1.4%) (1.1%) (0.8%) (0.8%) (0.9%) (1.0%)	(2.3% (5.8% (6.4% (7.1% (7.2% (4.9% (5.4% (6.2% (4.1% (3.3% (2.3% (2.4% (2.5% (3.0% (3.3%) (3.3%)
2005 & prior 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019	0.5% 1.4% 1.6% 1.6% 2.2% 1.2% 1.2% 1.3% 1.5% 1.0% 0.8% 0.6% 0.6% 0.6% 0.7% 0.8%	0.5% 1.4% 1.6% 2.2% 1.2% 1.3% 1.5% 1.0% 0.8% 0.5% 0.6% 0.6% 0.7% 0.8%		0.77% (1.0%) (2.4%) (2.8%) (3.1%) (2.9%) (2.1%) (2.4%) (2.8%) (1.8%) (1.4%) (1.1%) (1.1%) (1.1%) (1.3%) (1.4%)	1.27% (1.9%) (5.2%) (5.4%) (6.3%) (6.1%) (4.1%) (4.6%) (5.3%) (3.5%) (2.7%) (1.9%) (2.1%) (2.1%) (2.1%) (2.5%) (2.8%) (3.0%)	1.77% (2.9%) (7.2%) (8.0%) (9.1%) (9.0%) (6.0%) (6.7%) (7.6%) (5.1%) (4.0%) (2.8%) (3.0%) (3.2%) (3.7%) (4.2%)	(0.8%) (2.1%) (2.8%) (2.2%) (1.8%) (1.8%) (2.2%) (1.4%) (1.1%) (0.8%) (0.8%) (0.9%) (1.0%) (1.1%) (1.1%) (1.2%)	(2.3% (5.8% (6.4% (7.1% (7.2%) (4.9%) (5.4%) (6.2%) (4.1%) (6.2%) (4.1%) (6.2%) (4.1%) (5.4%) (6.2%) (4.1%) (5.4%) (6.2%) (4.1%) (5.4%) (6.4%) (5.4%) (5.4%) (6.4%) (7.1%) (7.2%) (4.9%) (5.4%) (6.4%) (7.1%) (7.2%) (4.9%) (5.4%) (6.4%) (7.2%) (4.9%) (5.4%) (6.4%) (5.4%) (6.4%) (7.2%) (6.4%) (7.2%) (4.9%) (5.4%) (6.2%) (4.1%) (6.2%) (4.1%) (6.2%) (4.1%) (6.2%) (4.1%) (6.2%) (4.1%) (6.2%) (4.1%) (6.2%) (4.1%) (6.2%) (4.1%) (6.2%) (4.1%) (6.2%) (4.1%) (6.2%) (4.1%) (6.2%) (4.3%) (2.3%) (2.3%) (2.5%) (3.3%) (2.5%) (3.3%) (3.3%) (3.3%) (3.3%) (3.3%) (3.3%) (3.3%) (3.3%) (3.3%) (3.3%) (3.3%) (3.3%) (3.3%) (3.3%) (3.3%) (3.3%) (3.3%) (3.3%) (3.3%) (3.3%) (3.3%) (3.3%) (3.3%) (3.3%) (3.3%) (3.3%) (3.3%) (3.3%) (3.3%) (3.3%) (3.3%) (3.3%) (3.3%) (3.3%) (3.3%) (3.3%) (3.3%) (3.3%) (3.3%) (3.3%) (3.3%) (3.3%) (3.3%) (3.3%) (3.3%) (3.3%) (3.3%) (3.3%) (3.3%) (3.3%) (3.3%) (3.3%) (3.3%) (3.3%) (3.3%) (3.3%) (3.3%) (3.3%) (3.3%) (3.3%) (3.3%) (3.3%) (3.3%) (3.3%) (3.3%) (3.3%) (3.3%) (3.3%) (3.3%) (3.3%) (3.3%) (3.3%) (3.3%) (3.3%) (3.3%) (3.3%) (3.3%) (3.3%) (3.3%) (3.3%) (3.3%) (3.3%) (3.3%) (3.3%) (3.3%) (3.3%) (3.3%) (3.3%) (3.3%) (3.3%) (3.3%) (3.3%) (3.3%) (3.3%) (3.3%) (3.3%) (3.3%) (3.3%) (3.3%) (3.3%) (3.3%) (3.3%) (3.3%) (3.3%) (3.3%) (3.3%) (3.3%) (3.3%) (3.3%) (3.3%) (3.3%) (3.3%) (3.3%) (3.3%) (3.3%) (3.3%) (3.3%) (3.3%) (3.3%) (3.3%) (3.3%) (3.3%) (3.3%) (3.3%) (3.3%) (3.3%) (3.3%) (3.3%) (3.3%) (3.3%) (3.3%) (3.3%) (3.3%) (3.3%) (3.3%) (3.3%) (3.3%) (3.3%) (3.3%) (3.3%) (3.3%) (3.3%) (3.3%) (3.3%) (3.3%) (3.3%) (3.3%) (3.3%) (3.3%) (3.3%) (3.3%) (3.3%) (3.3%) (3.3%) (3.3%) (3.3%) (3.3%) (3.3%) (3.3%) (3.3%) (3.3%) (3.3%) (3.3%) (3.3%) (3.3%) (3.3%) (3.3%) (3.3%) (3.3%) (3.3%) (3.3%) (3.3%) (3.3%) (3.3%) (3.3%) (3.3%) (3.3%) (3.3%) (3.3%) (3.3%) (3.3%) (3.3%) (3.3%) (3.3%) (3.3%) (3.3%) (3.3%) (3.3%) (3.3%) (3.3%) (3.3%) (3.3%) (3.3%) (3.3%) (3.3%) (3.3%) (3.3%) (3.3%) (3.3%) (3.3%) (3.3%) (3.3%) (3.3%) (3.3%) (3.3%) (3.3%) (3.3%) (3.3%) (3.3%) (3.3%) (3.3%) (3.3%) (3.3%) (3.3%) (3.3%) (3.3%) (3.3%) (3.3%) (3.3%)



Interest Rate Sensitivity (\$000s)

Indemnity claims liabilities as projected from the latest valuation to December 31, 2020.

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## ALBERTA

	Actuar	ial Present Va	lue of Provisio	ons at Various	Discount Rate	es - Dec. 31, 20	20 projected L	Inpaid
AY	0.00%	0.00%		0.77%	1.27%	1.77%	0.66%	1.46%
2005 & prior	(974)	(974)	(965)	(948)	(934)	(918)	(952)	(928
2006	(180)	(180)	. ,	(172)	(167)	(163)	(173)	
2007	(558)	(558)		(531)		(500)	(535)	(509
2008	-		-		-			
2009	55	55	54	52	50	48	52	49
2010			-					
2011	456	456	450	440	431	422	442	42
2012	874	874	867	854	840	828	857	835
2013	2,420	2,420	2,398	2,357	2,317	2,280	2,366	2,30
2014	1,770	1,770	1,762	1,748	1,736	1,722	1,751	1,73
2015	5,185	5,185	5,163	5,123	5,084	5,047	5,132	5,070
2016	7,139	7,139	7,104	7,038	6,976	6,915	7,052	6,953
2017	9,606	9,606	9,550	9,447	9,347	9,249	9,470	9,309
2018	22,426	22,426	22,272	21,994	21,724	21,459	22,056	21,624
2019	42,333	42,333	42,017	41,441	40,885	40,341	41,568	40,67
2020	46,886	46,886	46,504	45,810	45,144	44,493	45,963	44,896
Total	137,438	137,438	136,450	134,653	132,918	131,223	135,049	132,271
	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	oact Relative t	o Valuation As	ssumption		
AY	0.00%	0.00%	0.27%	0.77%	1.27%	1.77%	0.66%	1.46%
Total	988	988	-	(1,797)	(3,532)	(5,227)	(1,401)	(4,179
	curr - 100 bp	curr - 50 bp	curr val	curr + 50bp	curr + 100bp	curr + 150bp	prior val	prior fyr en
			assumption				assumption	assumption
mounts in								
AY			Percentage I	mpact Relativ	e to Valuation	Assumption		
	0.00%	0.00%		mpact Relativ 0.77%	e to Valuation 1.27%	Assumption 1.77%	0.66%	1.46%
2005 & prior	0.00%	0.00% 0.9%					0.66% (1.3%)	
2005 & prior 2006				0.77%	1.27%	1.77%		(3.8%
	0.9%	0.9%		0.77% (1.8%)	1.27% (3.2%)	1.77% (4.9%)	(1.3%)	(3.8%)
2006	0.9%	0.9% 1.7%		0.77% (1.8%) (2.8%)	1.27% (3.2%) (5.6%)	1.77% (4.9%) (7.9%)	(1.3%) (2.3%)	(3.8%)
2006 2007	0.9%	0.9% 1.7%		0.77% (1.8%) (2.8%)	1.27% (3.2%) (5.6%)	1.77% (4.9%) (7.9%)	(1.3%) (2.3%)	(3.8% (6.2% (7.3%
2006 2007 2008	0.9% 1.7% 1.6%	0.9% 1.7% <u>1.6%</u> -		0.77% (1.8%) (2.8%) (3.3%)	1.27% (3.2%) (5.6%) (6.2%)	1.77% (4.9%) (7.9%) (8.9%)	(1.3%) (2.3%) (2.6%)	(3.8% (6.2% (7.3%
2006 2007 2008 2009	0.9% 1.7% 1.6%	0.9% 1.7% <u>1.6%</u> -		0.77% (1.8%) (2.8%) (3.3%)	1.27% (3.2%) (5.6%) (6.2%)	1.77% (4.9%) (7.9%) (8.9%)	(1.3%) (2.3%) (2.6%)	(3.8% (6.2% (7.3% (9.3%
2006 2007 2008 2009 2010	0.9% 1.7% 1.6% - 1.9%	0.9% 1.7% 1.6% - 1.9% -		0.77% (1.8%) (2.8%) (3.3%) - (3.7%)	1.27% (3.2%) (5.6%) (6.2%) (7.4%)	1.77% (4.9%) (7.9%) (8.9%) (11.1%)	(1.3%) (2.3%) (2.6%) (3.7%)	(3.8% (6.2% (7.3% (9.3% (5.1%
2006 2007 2008 2009 2010 2011	0.9% 1.7% 1.6% - 1.9% - 1.3%	0.9% 1.7% 1.6% - 1.9% - 1.3%		0.77% (1.8%) (2.8%) (3.3%) - (3.7%) - (2.2%)	1.27% (3.2%) (5.6%) (6.2%) - (7.4%) - (4.2%)	1.77% (4.9%) (7.9%) (8.9%) (11.1%) (6.2%)	(1.3%) (2.3%) (2.6%) (3.7%) (1.8%)	(3.8% (6.2% (7.3% (9.3% (9.3% (5.1% (3.7%
2006 2007 2008 2009 2010 2011 2012	0.9% 1.7% 1.6% - - - - - 1.9% - - 1.3% 0.8%	0.9% 1.7% 1.6% - 1.9% - 1.3% 0.8%		0.77% (1.8%) (2.8%) (3.3%) - (3.7%) - (2.2%) (1.5%)	1.27% (3.2%) (5.6%) (6.2%) - (7.4%) - (4.2%) (3.1%)	1.77% (4.9%) (7.9%) (8.9%) (11.1%) (6.2%) (4.5%)	(1.3%) (2.3%) (2.6%) (3.7%) (1.8%) (1.2%) (1.3%)	(3.8% (6.2% (7.3% (9.3% (5.1% (3.7% (4.0%
2006 2007 2008 2009 2010 2011 2012 2013	0.9% 1.7% 1.6% - 1.9% - 1.3% 0.8% 0.9%	0.9% 1.7% 1.6% - 1.9% - 1.3% 0.8% 0.9%		0.77% (1.8%) (2.8%) (3.3%) - (3.7%) - (2.2%) (1.5%) (1.7%)	1.27% (3.2%) (5.6%) (6.2%) - (7.4%) - (4.2%) (3.1%) (3.4%)	1.77% (4.9%) (7.9%) (8.9%) (11.1%) (6.2%) (4.5%) (4.9%)	(1.3%) (2.3%) (2.6%) (3.7%) (1.8%) (1.2%) (1.3%) (0.6%)	(3.8% (6.2% (7.3% 
2006 2007 2008 2009 2010 2011 2012 2013 2014	0.9% 1.7% 1.6% - 1.9% - 1.3% 0.8% 0.9% 0.5%	0.9% 1.7% 1.6% - 1.9% - 1.3% 0.8% 0.9% 0.5%		0.77% (1.8%) (2.8%) (3.3%) - (3.7%) - (2.2%) (1.5%) (1.7%) (0.8%)	1.27% (3.2%) (5.6%) (6.2%) - (7.4%) - (4.2%) (3.1%) (3.4%) (1.5%)	1.77% (4.9%) (7.9%) (8.9%) (11.1%) (6.2%) (4.5%) (4.5%) (4.9%) (2.3%)	(1.3%) (2.3%) (2.6%) (3.7%) (1.8%) (1.2%) (1.3%) (0.6%) (0.6%)	(3.8% (6.2% (7.3% (9.3% (5.1% (3.7% (4.0% (1.8% (1.8%
2006 2007 2008 2009 2010 2011 2012 2013 2014 2015	0.9% 1.7% 1.6% - 1.9% - 1.3% 0.8% 0.9% 0.5% 0.4%	0.9% 1.7% 1.6% - 1.9% - 1.3% 0.8% 0.9% 0.5% 0.4%		0.77% (1.8%) (2.8%) (3.3%) - (3.7%) - (2.2%) (1.5%) (1.5%) (1.7%) (0.8%) (0.8%)	1.27% (3.2%) (5.6%) (6.2%) - (7.4%) - (4.2%) (3.1%) (3.4%) (1.5%) (1.5%)	1.77% (4.9%) (7.9%) (8.9%) (11.1%) (6.2%) (4.5%) (4.5%) (4.9%) (2.3%) (2.2%)	(1.3%) (2.3%) (2.6%) (3.7%) (1.8%) (1.2%) (1.3%) (0.6%) (0.6%) (0.7%)	(3.8% (6.2% (7.3% (9.3% (5.1% (3.7% (4.0%) (1.8% (1.8% (2.1%
2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016	0.9% 1.7% 1.6% - 1.9% - 1.3% 0.8% 0.9% 0.5% 0.4% 0.5%	0.9% 1.7% 1.6% - 1.9% - 1.3% 0.8% 0.9% 0.5% 0.4% 0.5%		0.77% (1.8%) (2.8%) (3.3%) - (3.7%) - (2.2%) (1.5%) (1.7%) (0.8%) (0.8%) (0.9%)	1.27% (3.2%) (5.6%) (6.2%) - (7.4%) - (4.2%) (3.1%) (3.1%) (3.4%) (1.5%) (1.5%) (1.8%)	1.77% (4.9%) (7.9%) (8.9%) (11.1%) (6.2%) (4.5%) (4.5%) (4.9%) (2.3%) (2.2%) (2.7%)	(1.3%) (2.3%) (2.6%) (3.7%) (1.8%) (1.2%) (1.3%) (0.6%) (0.6%) (0.7%)	(3.8% (6.2% (7.3% (9.3% (9.3%) (5.1% (3.7% (4.0%) (1.8% (1.8%) (2.1% (2.5%)
2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017	0.9% 1.7% 1.6% - 1.9% - 1.3% 0.8% 0.9% 0.5% 0.4% 0.5% 0.6%	0.9% 1.7% 1.6% - 1.9% - 1.3% 0.8% 0.9% 0.5% 0.4% 0.5% 0.6%		0.77% (1.8%) (2.8%) (3.3%) - (3.7%) - (2.2%) (1.5%) (1.7%) (0.8%) (0.8%) (0.9%) (1.1%)	1.27% (3.2%) (5.6%) (6.2%) (7.4%) (3.1%) (3.1%) (3.4%) (1.5%) (1.5%) (1.8%) (2.1%)	1.77% (4.9%) (7.9%) (8.9%) (11.1%) (6.2%) (4.5%) (4.5%) (4.9%) (2.3%) (2.2%) (2.7%) (3.2%)	(1.3%) (2.3%) (2.6%) (3.7%) (1.8%) (1.2%) (1.3%) (0.6%) (0.6%) (0.6%) (0.7%) (0.8%) (1.0%)	(3.8% (6.2% (7.3% (9.3%) (5.1% (3.7%) (4.0%) (1.8% (1.8%) (2.1%) (2.5%) (2.5%) (2.9%)
2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018	0.9% 1.7% 1.6% - 1.9% - 1.3% 0.8% 0.9% 0.5% 0.4% 0.5% 0.6% 0.7%	0.9% 1.7% 1.6% - 1.9% - 1.3% 0.8% 0.9% 0.5% 0.4% 0.5% 0.6% 0.7%		0.77% (1.8%) (2.8%) (3.3%) - (3.7%) - (2.2%) (1.5%) (1.7%) (0.8%) (0.8%) (0.8%) (0.9%) (1.1%) (1.2%)	1.27% (3.2%) (5.6%) (6.2%) (7.4%) (3.1%) (3.1%) (3.4%) (1.5%) (1.5%) (1.5%) (1.8%) (2.1%) (2.5%)	1.77% (4.9%) (7.9%) (8.9%) (11.1%) (6.2%) (4.5%) (4.5%) (4.9%) (2.3%) (2.2%) (2.7%) (3.2%) (3.7%)	(1.3%) (2.3%) (2.6%) (3.7%) (1.8%) (1.2%) (1.3%) (0.6%) (0.6%) (0.7%) (0.8%)	(3.8% (6.2% (7.3% (9.3% (9.3% (5.1% (3.7% (4.0% (1.8% (1.8% (2.1% (2.5% (2.9% (3.2%
2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019	0.9% 1.7% 1.6% - 1.9% - 1.3% 0.8% 0.9% 0.5% 0.4% 0.5% 0.6% 0.7% 0.8%	0.9% 1.7% 1.6% - 1.9% - 1.3% 0.8% 0.9% 0.5% 0.4% 0.5% 0.6% 0.7% 0.8%		0.77% (1.8%) (2.8%) (3.3%) - (3.7%) (1.5%) (1.5%) (1.7%) (0.8%) (0.8%) (0.8%) (0.9%) (1.1%) (1.2%) (1.4%)	1.27% (3.2%) (5.6%) (6.2%) (7.4%) (3.1%) (3.1%) (3.4%) (1.5%) (1.5%) (1.5%) (1.8%) (2.1%) (2.5%) (2.7%)	1.77% (4.9%) (7.9%) (8.9%) (11.1%) (6.2%) (4.5%) (4.5%) (2.3%) (2.2%) (2.7%) (3.2%) (3.7%) (4.0%)	(1.3%) (2.3%) (2.6%) (3.7%) (1.8%) (1.2%) (1.3%) (0.6%) (0.6%) (0.6%) (0.7%) (0.8%) (1.0%) (1.1%)	(3.7% (4.0% (1.8% (1.8% (2.1% (2.5% (2.9%



Interest Rate Sensitivity (\$000s)

Indemnity claims liabilities as projected from the latest valuation to December 31, 2020.

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	Actuar	Actuarial Present Value of Provisions at Various Discount Rates - Dec. 31, 2020 projected Unpaid									
ΑΥ	0.00%	0.00%		0.77%	1.27%	1.77%	0.66%	1.46%			
2005 & prior		_	_	-	-		-	_			
2006		_	_	-	-	-					
2007	_	_	_	-	_	_	_	_			
2007								} <u>-</u> -			
2009	_	_	_	-	-	-	_	_			
2010											
2011	-	-	-	-	-	-	_	-			
2012	1	1	1	1	1	1	1	: :			
2013	4	4	4	4	4	4	4				
2014	8	8	8	8		8	8				
2015	(250)	(250)	(249)	(247)	(245)	(245)	(248)	(245			
2016	(60)	(60)	(59)	(58)	(58)	(58)	(59)				
2017	947	947	940	930	920	909	933	916			
2018	554	554	510	544	537	531	545	535			
2019	487	487	483	475	468	461	476	465			
2020	627	627	623	615	606	598	616	603			
Total	2,318	2,318	2,302	2,272	2,241	2,209	2,276	2,230			
	curr - 100 bp	curr - 50 bp	curr val		curr + 100bp		prior val	prior fyr en			
	200.00		assumption		cuil · 1000p	cuii + 1500p	assumption	(· · ·			
mounts in		:	assumption				assumption	assumption			
			Dollar Imr	act Relative t	o Valuation As	sumption					
ΑΥ	0.00%	0.00%	0.27%	0.77%	1.27%	1.77%	0.66%	1.46%			
Total	16	16	-	(30)	(61)	(93)	(26)				
	curr - 100 bp	curr - 50 bp	curr val		curr + 100bp	,	prior val	prior fyr en			
	200.00	can comp	assumption	cuil v boop	curi i 1000p	cuii + 1500p	assumption				
mounts in			ussumption				assumption	3 435411191101			
inounts in			Percentage I	mpact Relativ							
ΑΥ	0.00%		i creciitage i		e to valuation	Assumption					
	0.0078	0.00%	0.27%			Assumption	0.66%	1 /6%			
2005 & prior		0.00%	0.27%	0.77%	e to Valuation 1.27%	Assumption 1.77%	0.66%	1.46%			
· · · · · · · · · · · · · · · · · · ·	-	-	0.27% -				0.66%	1.46% _			
2006	-		0.27% - -				0.66% - -	1.46% 			
2006 2007			0.27% - - -				- - 	1.46% - - -			
2006 2007 2008	- - - - -		0.27% - - - - -				0.66% - - - -	1.46% 			
2006 2007 2008 2009	- - - - -		0.27% - - - - - -				- - 	1.46% - - - - - -			
2006 2007 2008 2009 2010			0.27% - - - - - - -				- - 	1.46% - - - - - - -			
2006 2007 2008 2009 2010 2011			0.27%				- - 	1.46% - - - - - - - - -			
2006 2007 2008 2009 2010 2011 2012			0.27%				- - 	1.46% - - - - - - - - - -			
2006 2007 2008 2009 2010 2011 2012 2013			0.27%				- - 	1.46% - - - - - - - - - - - -			
2006 2007 2008 2009 2010 2011 2012 2013 2014		- - - - - - - - - - - - - - - - - - -	0.27%	0.77%	1.27%	1.77% - - - - - - - - - - - - - - - - - -		- - - - - - - - - - - - - -			
2006 2007 2008 2009 2010 2011 2012 2013 2014 2015		- - - - - - - - - - - - - - - - - - -	0.27%	0.77% - - - - - - - - - - - - - - - - - -	1.27% - - - - - - - - - - - - - - - - - - -	1.77% - - - - - - - - - - - - - - - - - -		- - - - - - - - - - - - - - - - - - -			
2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016	1.7%	- - - - - - - - - - - - - - - - - - -	0.27%	0.77% - - - - - - - - - - - - - - - - - -	1.27% - - - - - - - - - - - - - - - - - - -	1.77% 	- - - - - - - - - - - - - - - - - - -				
2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017	1.7% 0.7%	- - - - - - - - - - - - - - - - - - -	0.27%	0.77% - - - - - - - - - - - - - - - - - -	1.27% - - - - - - - - - - - - - - - - - - -	1.77% 	(0.4%)				
2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018	1.7% 0.7% 0.5%	- - - - - - - - - - - - - - - - - - -	0.27%	0.77% 	1.27% - - - - - - - - - - - - - - - - - - -	1.77% 	(0.7%) (1.1%)				
2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019	1.7% 0.7% 0.5% 0.8%	- - - - - - - - - - - - - - - - - - -	0.27%	0.77% 	1.27% - - - - - - - - - - - - - - - - - - -	1.77% 	(0.4%) (0.7%) (1.1%) (1.4%)	(1.6% (3.4% (2.6% (3.7%			
2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019 2020	1.7% 0.7% 0.5% 0.8% 0.6%	- - - - - - - - - - - - - - - - - - -	0.27%	0.77% 	1.27% - - - - - - - - - - - - - - - - - - -	1.77% 	(0.4%) (0.7%) (1.1%) (1.4%) (1.1%)	(1.6% (3.4% (2.6% (3.7% (3.2%			
2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019	1.7% 0.7% 0.5% 0.8%	- - - - - - - - - - - - - - - - - - -	0.27%	0.77% 	1.27% - - - - - - - - - - - - - - - - - - -	1.77% 	(0.4%) (0.7%) (1.1%) (1.4%)	(1.6% (3.4% (2.6% (3.7%			

# YUKON



Interest Rate Sensitivity (\$000s)

Indemnity claims liabilities as projected from the latest valuation to December 31, 2020.

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## NORTHWEST TERRITORIES

	Actuar	ial Present Va	lue of Provisio	ons at Various	Discount Rate	es - Dec. 31, 20	20 projected L	Jnpaid
AY	0.00%	0.00%	0.27%	0.77%	1.27%	1.77%	0.66%	1.46%
2005 & prior	-	-	-	-	-	-	-	-
2006	-	-	-	-	-	-	-	-
2007	-	-	-	-	-	-	-	-
2008								
2009	-	-	-	-	-	-	-	-
2010	-		-					
2011	-	-	-	-	-	-	-	-
2012	2	2	2	2	2	2	2	
2013	471	471	467	461	455	448	462	453
2014	22	22	22	21	21	21	21	2:
2015	32	32	32	32	32	32	32	3
2016	212	212	210	206	202	199	207	201
2017	618	618	614	607	601	594	609	598
2018	436	436	433	428	422	417	428	420
2019	1,451	1,451	1,442	1,425	1,408	1,393	1,428	1,402
2020	1,129	1,129	1,120	1,103	1,088	1,072	1,107	1,082
Total	4,373	4,373	4,342	4,285	4,231	4,178	4,296	4,212
Total	curr - 100 bp	curr - 50 bp	curr val		curr + 100bp		prior val	prior fyr en
	cun - 100 bp	curi - 50 bp		curr 500p	cuii + 1000b	cuii + 1300b		{
mountsin		:	assumption	l			assumption	assumption
mounts in			Delleriter		o Valuation A			
AY	0.00%	0.00%	0.27%	0.77%			0.66%	1.46%
			0.27%		1.27%	1.77%		ŧ
Total	31	31	-	(57)	(111)	(164)		(13:
	curr - 100 bp	curr - 50 bp	curr val	curr + 506p	curr + 100bp	curr + 150bp	prior val	prior fyr en
			assumption				assumption	assumption
mounts in			<u> </u>					
AY					e to Valuation		8	}
A1	0.00%	0.00%		mpact Relativ 0.77%	e to Valuation 1.27%	Assumption 1.77%	0.66%	1.46%
2005 & prior	0.00%	0.00%					0.66%	1.46%
	0.00%						0.66% _ _	1.46% - -
2005 & prior	0.00% - - -						0.66%	1.46% 
2005 & prior 2006	0.00%						0.66% - - - - -	1.46% - - - -
2005 & prior 2006 2007	0.00% - - - - - -						0.66% - - - - - - -	1.46% - - - - - -
2005 & prior 2006 2007 2008	0.00%						0.66% - - - - - - - - - -	1.46% - - - - - - -
2005 & prior 2006 2007 2008 2009	0.00%						0.66% - - - - - - - - - - -	1.46% - - - - - - - - - -
2005 & prior 2006 2007 2008 2009 2010	0.00%						0.66% - - - - - - - - - - - - - - - - - -	1.46% - - - - - - - - - - - -
2005 & prior 2006 2007 2008 2009 2010 2011	0.00%						0.66%	1.46% 
2005 & prior 2006 2007 2008 2009 2010 2011 2012		- - - - - - - - - - - - - - - - - - -		0.77% - - - - - - - - - - - - - - -	1.27% - - - - - - - - - - - -	1.77% - - - - - - - - - - - - - - -		
2005 & prior 2006 2007 2008 2009 2010 2011 2012 2013 2014		- - - - - - - - - - - - - - - - - - -		0.77% 	1.27% - - - - - - - - - - - - - - - - - - -	1.77% - - - - - - - - - - - - - - - - - -		
2005 & prior 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015		- - - - - - - - - - - - - - - - - - -		0.77% 	1.27% - - - - - - - - - - - - - - - - - - -	1.77% 		- - - - (3.0% (4.5%
2005 & prior 2006 2007 2008 2009 2010 2011 2012 2013 2014		- - - - - - - - - - - - - - - - - - -		0.77% 	1.27% - - - - - - - - - - - - - - - - - - -	1.77% 		
2005 & prior 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017		- - - - - - - - - - - - - - - - - - -		0.77% 	1.27% - - - - - - - - - - - - - - - - - - -	1.77% 		(3.09 (4.59 (4.39 (2.69
2005 & prior 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018	- - - - - - - - - - - - - - - - - - -	- - - - - - - - - - - - - - - - - - -	0.27%	0.77% 	1.27% - - - - - - - - - - - - - - - - - - -	1.77% 		(3.09 (4.59 (4.39 (2.69 (3.09
2005 & prior 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019		- - - - - - - - - - - - - - - - - - -	0.27%	0.77% 	1.27% - - - - - - - - - - - - - - - - - - -	1.77% 	(1.1%) (4.5%) (1.4%) (0.8%) (1.2%) (1.0%)	(3.09 (4.59 (4.39 (2.69 (3.09 (2.89
2005 & prior 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019 2020		- - - - - - - - - - - - - - - - - - -	0.27%	0.77% 	1.27% 	1.77% 	(1.1%) (4.5%) (1.4%) (0.8%) (1.2%) (1.0%) (1.2%)	(3.09 (4.59 (4.39 (2.69 (3.09 (2.88 (3.49
2005 & prior 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019		- - - - - - - - - - - - - - - - - - -	0.27%	0.77% 	1.27% - - - - - - - - - - - - - - - - - - -	1.77% 	(1.1%) (4.5%) (1.4%) (0.8%) (1.2%) (1.0%)	(3.0%) (4.5%) (4.3%) (2.6%) (3.0%)



Interest Rate Sensitivity (\$000s)

Indemnity claims liabilities as projected from the latest valuation to December 31, 2020.

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## NUNAVUT

	Actuarial Present Value of Provisions at Various Discount Rates - Dec. 31, 202							Jnpaid
AY	0.00%	0.00%	0.27%	0.77%	1.27%	1.77%	0.66%	1.46%
2005 & prior	-	-	-	-	-	-	-	-
2006	-	-	-	-	-	-	-	-
2007	-	-	-	-	-	-	-	- 1
2008	-		-	-	-		-	-
2009	-	-	-	-	-	-	-	-
2010	-	-	-	-	-	-	-	-
2011	-		-					
2012	122	122	122	121	121	120	121	12:
2013	-							
2014	3	3	3	3	3	3	3	:
2015	77	77	77	76	75	75	76	7
2016	19	19	19	19	19	19	19	19
2017	54	54	54	54	53	53	54	53
2018	112	112	111	110	108	107	110	108
2019	915	915	911	906	899	894	907	897
2020	214	214	212	209	206	202	210	205
Total	1,516	1,516	1,509	1,498	1,484	1,473	1,500	1,481
	curr - 100 bp	curr - 50 bp	curr val	curr + 50bp	curr + 100bp	curr + 150bp	prior val	prior fyr en
			assumption	-		·	assumption	assumption
mounts in								8 · · · · ·
			Dollar Imr	oact Relative t	o Valuation A	ssumption		
AY	0.00%	0.00%	0.27%	0.77%	1.27%	1.77%	0.66%	1.46%
Total	7	7	-	(11)	(25)	(36)	(9)	(28
	curr - 100 bp	curr - 50 bp	curr val	curr + 50bp	curr + 100bp	curr + 150bp	prior val	prior fyr en
			assumption				-	{· · ·
mounts in			assumption				assumption	{· · ·
mounts in			-	mpact Relativ			-	{· · ·
	0.00%	0.00%	Percentage I	· · · · · · · · · · · · · · · · · · ·	e to Valuatior	Assumption	assumption	assumption
Αγ	0.00%	0.00%	Percentage I	mpact Relativ 0.77%			-	{· · ·
<b>AY</b> 2005 & prior	0.00%	0.00%	Percentage I	· · · · · · · · · · · · · · · · · · ·	e to Valuatior	Assumption	assumption	assumption
<b>AY</b> 2005 & prior 2006	0.00%	0.00% - -	Percentage I	· · · · · · · · · · · · · · · · · · ·	e to Valuatior	Assumption	assumption	assumption
AY 2005 & prior 2006 2007		0.00%	Percentage I	· · · · · · · · · · · · · · · · · · ·	e to Valuatior	1.77% 1.77% - - -	assumption	assumption
AY 2005 & prior 2006 2007 2008		0.00% - - - - -	Percentage I	· · · · · · · · · · · · · · · · · · ·	e to Valuatior	Assumption	assumption	assumption
AY 2005 & prior 2006 2007 2008 2009		0.00% - - - - - -	Percentage I	· · · · · · · · · · · · · · · · · · ·	e to Valuatior	1.77% 1.77% - - -	assumption	assumption
AY 2005 & prior 2006 2007 2008 2009 2010	0.00% - - - - - -	0.00%	Percentage I	· · · · · · · · · · · · · · · · · · ·	e to Valuatior	1.77% 1.77% - - -	assumption	assumption
AY 2005 & prior 2006 2007 2008 2009 2010 2011	0.00% - - - - - - - - -	0.00%	Percentage I	0.77% - - - - - - - - - - - -	e to Valuation 1.27% - - - - - - - - - - - - - - - - - - -	Assumption 1.77% - - - - - - - - - - - - -	assumption 0.66% - - - - - - - - - - - - - - - - - -	assumption
AY 2005 & prior 2006 2007 2008 2009 2010 2011 2011 2012	0.00% - - - - - - - - - - - - - - - - -	0.00%	Percentage I	· · · · · · · · · · · · · · · · · · ·	e to Valuatior	1.77% 1.77% - - -	assumption	assumption
AY 2005 & prior 2006 2007 2008 2009 2010 2011 2011 2012 2013	0.00% - - - - - - - - - - - - - - - - - -	0.00%	Percentage I	0.77% - - - - - - - - - - - -	e to Valuation 1.27% - - - - - - - - - - - - - - - - - - -	Assumption 1.77% - - - - - - - - - - - - -	assumption 0.66% - - - - - - - - - - - - - - - - - -	assumption
AY 2005 & prior 2006 2007 2008 2009 2010 2011 2012 2013 2014	0.00% - - - - - - - - - - - - - - - - - -	0.00%	Percentage I	0.77% 	<u>e to Valuation</u> <u>1.27%</u>	Assumption 1.77% - - - - - (1.6%) -	assumption 0.66% - - - - - - - - - - - - -	assumption
AY 2005 & prior 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015		0.00%	Percentage I	0.77% - - - - - - - - - - - -	e to Valuation 1.27% - - - - - - - - - - - - - - - - - - -	Assumption 1.77% - - - - - - - - - - - - -	assumption 0.66% - - - - - - - - - - - - -	assumption 1.46% - - - - - - - - - - - - - - - - - - -
AY 2005 & prior 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016		0.00%	Percentage I	0.77% 	<u>e to Valuation</u> 1.27% - - - - - - (0.8%) - - (2.6%) -	Assumption 1.77% - - - (1.6%) - (2.6%)	assumption 0.66% - - - - - - - - - - - - -	assumption 1.46% - - - (0.8% - (2.6% -
AY 2005 & prior 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017		- - - - - - - - - - - - - - - - - - -	Percentage I	0.77% 	<u>e to Valuation</u> 1.27% - - - - - (0.8%) - - (0.8%) - - (0.8%) - - - (0.8%) - - - - - - - - - - - - -	Assumption 1.77% - - - - (1.6%) - (2.6%) - (1.9%)	assumption 0.66% 	assumption 1.469 
AY 2005 & prior 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018		- - - - - - - - - - - - - - - - - - -	Percentage I	0.77% 	<u>e to Valuation</u> <u>-</u> - - - - - (0.8%) - - (2.6%) (1.9%) (2.7%)	Assumption 1.77% - - - - (1.6%) - (2.6%) (1.9%) (3.6%)	assumption 0.66% 	assumption 1.469 
AY 2005 & prior 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019		- - - - - - - - - - - - - - - - - - -	Percentage I	0.77% 	<u>e to Valuation</u> <u>1.27%</u> <u>-</u> <u>-</u> <u>-</u> <u>-</u> <u>-</u> <u>-</u> <u>-</u> <u>-</u>	Assumption 1.77% - - - (1.6%) - (1.6%) - (1.9%) (3.6%) (1.9%)	assumption 0.66% 	assumption
AY 2005 & prior 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019 2020		- - - - - - - - - - - - - - - - - - -	Percentage I 0.27% - - - - - - - - - - - - - - - - - - -	0.77% 	e to Valuation 1.27% - - - - - (0.8%) - (2.6%) - (1.9%) (2.7%) (1.3%) (2.8%)	Assumption 1.77% - - - - (1.6%) - (2.6%) (1.9%) (3.6%) (1.9%) (4.7%)	assumption 0.66% 	assumption
AY 2005 & prior 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019		- - - - - - - - - - - - - - - - - - -	Percentage I	0.77% 	<u>e to Valuation</u> <u>1.27%</u> <u>-</u> <u>-</u> <u>-</u> <u>-</u> <u>-</u> <u>-</u> <u>-</u> <u>-</u>	Assumption 1.77% - - - - - (1.6%) - (1.6%) - (2.6%) (1.9%) (3.6%) (1.9%) (4.7%) (2.4%)	assumption 0.66% 	assumption



Interest Rate Sensitivity (\$000s)

Indemnity claims liabilities as projected from the latest valuation to December 31, 2020.

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nounts in \$000s	A atura	ial Drocant 1/-		and at Variana	Discount Date	Doc 31 30	20 projected	Innaid
	L					es - Dec. 31, 20		<u>.</u>
AY	0.00%	0.00%	0.27%	0.77%	1.27%	1.77%	0.66%	1.469
2005 & prior	33,879	33,879	33,706	33,390	33,077	32,771	33,457	32,96
2006	112	112	111	109	106	104	109	10
2007	1,752	1,752	1,726	1,681	1,637	1,593	1,691	1,62
2008	298	298	293	284	275	266	284	27
2009	791	791	776	751	726	704	757	71
2010	317	317	317	315	315	313	316	31
2011	3,515	3,515	3,461	3,368	3,281	3,197	3,387	3,24
2012	4,094	4,094	4,042	3,947	3,859	3,775	3,968	3,82
2013	8,493	8,493	8,399	8,236	8,078	7,929	8,271	8,02
2014	9,581	9,581	9,508	9,374	9,249	9,126	9,402	9,20
2015	18,334	18,334	18,231	18,044	17,865	17,693	18,084	17,79
2016	24,076	24,076	23,941	23,692	23,457	23,225	23,747	23,37
2017	30,807	30,807	30,622	30,292	29,973	29,659	30,366	29,85
2018	57,453	57,453	57,062	56,362	55,679	55,012	56,514	55,42
2019	114,330	114,330	113,472	111,926	110,427	108,967	112,266	109,87
2020	131,977	131,977	130,904	128,958	127,088	125,262	129,389	126,39
Total	439,809	439,809	436,571	430,729	425,092	419,596	432,008	422,99
	curr - 100 bp	curr - 50 bp	curr val	curr + 50bp	curr + 100bp	curr + 150bp	prior val	prior fyr er
			assumption				assumption	assumptio
nounts in		·						
			Dollar Imp	oact Relative t	o Valuation A	ssumption		
AY	0.00%	0.00%	0.27%	0.77%	1.27%	1.77%	0.66%	1.469
Total	3,238	3,238	-	(5,842)	(11,479)	(16,975)	(4,563)	(13,57
	curr - 100 bp	curr - 50 bp	curr val	curr + 50bp	aure 1 100h a		prior val	ariar fur ar
	•				curr + 10000	dd021 + 11UD	prior var	priorityrer
					curr + 100pp	curr + 1500p		prior fyr er assumptio
nounts in			assumption		curr + 1000p	curr + 150pp	assumption	}
nounts in			assumption		e to Valuatior			}
	0.00%	0.00%	assumption Percentage I	mpact Relativ	e to Valuatior	Assumption	assumption	assumptio
ΑΥ	0.00%	0.00%	assumption Percentage I 0.27%	mpact Relativ 0.77%	e to Valuatior 1.27%	Assumption	assumption	assumptio
<b>AY</b> 2005 & prior	0.5%	0.5%	assumption Percentage I	mpact Relativ 0.77% (0.9%)	e to Valuation 1.27% (1.9%)	Assumption 1.77% (2.8%)	assumption 0.66% (0.7%)	assumptio 1.46 (2.25
AY 2005 & prior 2006	0.5% 0.9%	0.5% 0.9%	assumption Percentage I 0.27%	mpact Relativ 0.77% (0.9%) (1.8%)	e to Valuation 1.27% (1.9%) (4.5%)	1 Assumption 1.77% (2.8%) (6.3%)	assumption 0.66% (0.7%) (1.8%)	assumptio
AY 2005 & prior 2006 2007	0.5% 0.9% 1.5%	0.5% 0.9% 1.5%	assumption Percentage I 0.27%	mpact Relativ 0.77% (0.9%) (1.8%) (2.6%)	e to Valuation 1.27% (1.9%) (4.5%) (5.2%)	1 Assumption 1.77% (2.8%) (6.3%) (7.7%)	assumption 0.66% (0.7%) (1.8%) (2.0%)	assumptio
AY 2005 & prior 2006 2007 2008	0.5% 0.9% 1.5% 1.7%	0.5% 0.9% <u>1.5%</u> 1.7%	assumption Percentage I 0.27%	mpact Relativ 0.77% (0.9%) (1.8%) (2.6%) (3.1%)	e to Valuation 1.27% (1.9%) (4.5%) (5.2%) (6.1%)	Assumption 1.77% (2.8%) (6.3%) (7.7%) (9.2%)	assumption 0.66% (0.7%) (1.8%) (2.0%) (3.1%)	assumptio
AY 2005 & prior 2006 2007 2008 2009	0.5% 0.9% 1.5%	0.5% 0.9% 1.5%	assumption Percentage I 0.27%	mpact Relativ 0.77% (0.9%) (1.8%) (2.6%) (3.1%) (3.2%)	e to Valuation 1.27% (1.9%) (4.5%) (5.2%) (6.1%) (6.4%)	Assumption 1.77% (2.8%) (6.3%) (7.7%) (9.2%) (9.3%)	assumption 0.66% (0.7%) (1.8%) (2.0%) (3.1%) (2.4%)	assumptio
AY 2005 & prior 2006 2007 2008 2009 2010	0.5% 0.9% 1.5% 1.7% 1.9%	0.5% 0.9% 1.5% 1.7% 1.9% -	assumption Percentage I 0.27%	mpact Relativ 0.77% (0.9%) (1.8%) (2.6%) (3.1%) (3.2%) (0.6%)	e to Valuation 1.27% (1.9%) (4.5%) (5.2%) (6.1%) (6.4%) (0.6%)	Assumption 1.77% (2.8%) (6.3%) (7.7%) (9.2%) (9.3%) (1.3%)	assumption 0.66% (0.7%) (1.8%) (2.0%) (3.1%) (2.4%) (0.3%)	assumptio
AY 2005 & prior 2006 2007 2008 2009 2010 2011	0.5% 0.9% 1.5% 1.7% 1.9%	0.5% 0.9% 1.5% 1.7% 1.9% - 1.6%	assumption Percentage I 0.27%	mpact Relativ 0.77% (0.9%) (1.8%) (2.6%) (3.1%) (3.2%) (0.6%) (2.7%)	e to Valuation 1.27% (1.9%) (4.5%) (5.2%) (6.1%) (6.4%) (0.6%) (5.2%)	Assumption 1.77% (2.8%) (6.3%) (7.7%) (9.2%) (9.3%) (1.3%) (7.6%)	assumption 0.66% (0.7%) (1.8%) (2.0%) (3.1%) (2.4%) (0.3%) (2.1%)	assumptio
AY 2005 & prior 2006 2007 2008 2009 2010 2011 2012	0.5% 0.9% 1.5% 1.7% 1.9% - 1.6% 1.3%	0.5% 0.9% 1.5% 1.7% 1.9% - 1.6% 1.3%	assumption Percentage I 0.27%	mpact Relativ 0.77% (0.9%) (1.8%) (2.6%) (3.1%) (3.2%) (0.6%) (2.7%) (2.4%)	e to Valuation 1.27% (1.9%) (4.5%) (5.2%) (6.1%) (6.4%) (0.6%) (5.2%) (4.5%)	Assumption 1.77% (2.8%) (6.3%) (7.7%) (9.2%) (9.3%) (1.3%) (7.6%) (6.6%)	assumption 0.66% (0.7%) (1.8%) (2.0%) (3.1%) (2.4%) (0.3%) (2.1%) (1.8%)	assumptio
AY 2005 & prior 2006 2007 2008 2009 2010 2011 2012 2013	0.5% 0.9% 1.5% 1.7% 1.9% - 1.6% 1.3% 1.1%	0.5% 0.9% 1.5% 1.7% 1.9% - 1.6% 1.3% 1.1%	assumption Percentage I 0.27%	mpact Relativ 0.77% (0.9%) (1.8%) (2.6%) (3.1%) (3.2%) (0.6%) (2.7%) (2.4%) (1.9%)	e to Valuation 1.27% (1.9%) (4.5%) (5.2%) (6.1%) (6.4%) (0.6%) (5.2%) (4.5%) (3.8%)	Assumption 1.77% (2.8%) (6.3%) (7.7%) (9.2%) (9.3%) (1.3%) (7.6%) (6.6%) (5.6%)	assumption 0.66% (0.7%) (1.8%) (2.0%) (3.1%) (2.4%) (0.3%) (2.1%) (1.8%) (1.5%)	assumptio
AY 2005 & prior 2006 2007 2008 2009 2010 2011 2012 2012 2013 2014	0.5% 0.9% 1.5% 1.7% 1.9% - - 1.6% 1.3% 1.1% 0.8%	0.5% 0.9% 1.5% 1.7% 1.9% - - 1.6% 1.3% 1.1% 0.8%	assumption Percentage I 0.27%	mpact Relativ 0.77% (0.9%) (1.8%) (2.6%) (3.1%) (3.2%) (0.6%) (2.7%) (2.4%) (1.9%) (1.4%)	e to Valuation 1.27% (1.9%) (4.5%) (5.2%) (6.1%) (6.4%) (0.6%) (5.2%) (4.5%) (3.8%) (2.7%)	Assumption 1.77% (2.8%) (6.3%) (7.7%) (9.2%) (9.2%) (9.3%) (1.3%) (7.6%) (6.6%) (5.6%) (4.0%)	assumption 0.66% (0.7%) (1.8%) (2.0%) (3.1%) (2.4%) (0.3%) (2.1%) (1.8%) (1.5%) (1.1%)	assumptio
AY 2005 & prior 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015	0.5% 0.9% 1.5% 1.7% 1.9% - - - 1.6% 1.3% 1.1% 0.8% 0.6%	0.5% 0.9% 1.5% 1.7% 1.9% - - 1.6% 1.3% 1.1% 0.8% 0.6%	assumption Percentage I 0.27%	mpact Relativ 0.77% (0.9%) (1.8%) (2.6%) (3.1%) (3.2%) (0.6%) (2.7%) (2.4%) (1.9%) (1.4%) (1.0%)	e to Valuation 1.27% (1.9%) (4.5%) (5.2%) (6.1%) (6.4%) (0.6%) (5.2%) (4.5%) (3.8%) (2.7%) (2.0%)	Assumption 1.77% (2.8%) (6.3%) (7.7%) (9.2%) (9.3%) (1.3%) (7.6%) (6.6%) (5.6%) (4.0%) (3.0%)	assumption 0.66% (0.7%) (1.8%) (2.0%) (3.1%) (2.4%) (0.3%) (2.1%) (1.8%) (1.5%) (1.1%) (0.8%)	assumptio
AY 2005 & prior 2006 2007 2008 2009 2010 2011 2012 2013 2014 2014 2015 2016	0.5% 0.9% 1.5% 1.7% 1.9% - - - 1.6% 1.3% 1.1% 0.8% 0.6%	0.5% 0.9% 1.5% 1.7% 1.9% - 1.6% 1.3% 1.1% 0.8% 0.6% 0.6%	assumption Percentage I 0.27%	mpact Relativ 0.77% (0.9%) (1.8%) (2.6%) (3.1%) (3.2%) (0.6%) (2.7%) (2.4%) (1.9%) (1.4%) (1.0%) (1.0%)	e to Valuation 1.27% (1.9%) (4.5%) (5.2%) (6.1%) (6.4%) (0.6%) (5.2%) (4.5%) (3.8%) (2.7%) (2.0%) (2.0%)	Assumption 1.77% (2.8%) (6.3%) (7.7%) (9.2%) (9.3%) (1.3%) (7.6%) (6.6%) (5.6%) (4.0%) (3.0%) (3.0%)	assumption 0.66% (0.7%) (1.8%) (2.0%) (3.1%) (2.4%) (0.3%) (2.1%) (1.8%) (1.5%) (1.1%) (0.8%) (0.8%)	assumptio
AY 2005 & prior 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017	0.5% 0.9% 1.5% 1.7% 1.9% - - - 1.6% 1.3% 1.1% 0.8% 0.6% 0.6% 0.6%	0.5% 0.9% 1.5% 1.7% 1.9% - - 1.6% 1.3% 1.1% 0.8% 0.6% 0.6% 0.6%	assumption Percentage I 0.27%	mpact Relativ 0.77% (0.9%) (1.8%) (2.6%) (3.1%) (3.2%) (0.6%) (2.7%) (2.4%) (1.9%) (1.4%) (1.0%) (1.0%) (1.1%)	e to Valuation 1.27% (1.9%) (4.5%) (5.2%) (6.1%) (6.4%) (0.6%) (5.2%) (4.5%) (3.8%) (2.7%) (2.0%) (2.0%) (2.1%)	Assumption 1.77% (2.8%) (6.3%) (7.7%) (9.2%) (9.2%) (9.3%) (1.3%) (7.6%) (6.6%) (5.6%) (4.0%) (3.0%) (3.1%)	assumption 0.66% (0.7%) (1.8%) (2.0%) (3.1%) (2.4%) (0.3%) (2.1%) (1.8%) (1.5%) (1.1%) (0.8%) (0.8%) (0.8%)	assumption 1.460 (2.22 (5.44 (6.12 (7.22 (7.66 (1.33 (6.22 (5.33 (4.55 (3.22 (2.44 (2.44 (2.55) (3.25) (3.25) (3.25) (3.25) (3.25) (3.25) (3.25) (3.25) (3.25) (3.25) (3.25) (3.25) (3.25) (3.25) (3.25) (3.25) (3.25) (3.25) (3.25) (3.25) (3.25) (3.25) (3.25) (3.25) (3.25) (3.25) (3.25) (3.25) (3.25) (3.25) (3.25) (3.25) (3.25) (3.25) (3.25) (3.25) (3.25) (3.25) (3.25) (3.25) (3.25) (3.25) (3.25) (3.25) (3.25) (3.25) (3.25) (3.25) (3.25) (3.25) (3.25) (3.25) (3.25) (3.25) (3.25) (3.25) (3.25) (3.25) (3.25) (3.25) (3.25) (3.25) (3.25) (3.25) (3.25) (3.25) (3.25) (3.25) (3.25) (3.25) (3.25) (3.25) (3.25) (3.25) (3.25) (3.25) (3.25) (3.25) (3.25) (3.25) (3.25) (3.25) (3.25) (3.25) (3.25) (3.25) (3.25) (3.25) (3.25) (3.25) (3.25) (3.25) (3.25) (3.25) (3.25) (3.25) (3.25) (3.25) (3.25) (3.25) (3.25) (3.25) (3.25) (3.25) (3.25) (3.25) (3.25) (3.25) (3.25) (3.25) (3.25) (3.25) (3.25) (3.25) (3.25) (3.25) (3.25) (3.25) (3.25) (3.25) (3.25) (3.25) (3.25) (3.25) (3.25) (3.25) (3.25) (3.25) (3.25) (3.25) (3.25) (3.25) (3.25) (3.25) (3.25) (3.25) (3.25) (3.25) (3.25) (3.25) (3.25) (3.25) (3.25) (3.25) (3.25) (3.25) (3.25) (3.25) (3.25) (3.25) (3.25) (3.25) (3.25) (3.25) (3.25) (3.25) (3.25) (3.25) (3.25) (3.25) (3.25) (3.25) (3.25) (3.25) (3.25) (3.25) (3.25) (3.25) (3.25) (3.25) (3.25) (3.25) (3.25) (3.25) (3.25) (3.25) (3.25) (3.25) (3.25) (3.25) (3.25) (3.25) (3.25) (3.25) (3.25) (3.25) (3.25) (3.25) (3.25) (3.25) (3.25) (3.25) (3.25) (3.25) (3.25) (3.25) (3.25) (3.25) (3.25) (3.25) (3.25) (3.25) (3.25) (3.25) (3.25) (3.25) (3.25) (3.25) (3.25) (3.25) (3.25) (3.25) (3.25) (3.25) (3.25) (3.25) (3.25) (3.25) (3.25) (3.25) (3.25) (3.25) (3.25) (3.25) (3.25) (3.25) (3.25) (3.25) (3.25) (3.25) (3.25) (3.25) (3.25) (3.25) (3.25) (3.25) (3.25) (3.25) (3.25) (3.25) (3.25) (3.25)
AY 2005 & prior 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018	0.5% 0.9% 1.5% 1.7% 1.9% - - - - - - - - - - - - - - - - - - -	0.5% 0.9% 1.5% 1.7% 1.9% - - - 1.6% 1.3% 1.1% 0.8% 0.6% 0.6% 0.6% 0.6% 0.7%	assumption Percentage I 0.27%	mpact Relativ 0.77% (0.9%) (1.8%) (2.6%) (3.1%) (3.2%) (0.6%) (2.7%) (2.4%) (1.9%) (1.4%) (1.0%) (1.1%) (1.2%)	e to Valuation 1.27% (1.9%) (4.5%) (5.2%) (6.1%) (6.4%) (0.6%) (5.2%) (4.5%) (3.8%) (2.7%) (2.0%) (2.1%) (2.4%)	Assumption 1.77% (2.8%) (6.3%) (7.7%) (9.2%) (9.2%) (9.3%) (1.3%) (7.6%) (6.6%) (5.6%) (4.0%) (3.0%) (3.1%) (3.6%)	assumption 0.66% (0.7%) (1.8%) (2.0%) (3.1%) (2.4%) (0.3%) (2.1%) (1.8%) (1.5%) (1.1%) (0.8%) (0.8%) (0.8%) (1.0%)	assumptio
AY 2005 & prior 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019	0.5% 0.9% 1.5% 1.7% 1.9% - - - - - - - - - - - - - - - - - - -	0.5% 0.9% 1.5% 1.7% 1.9% - - - 1.6% 1.3% 1.1% 0.8% 0.6% 0.6% 0.6% 0.7% 0.8%	assumption Percentage I 0.27%	mpact Relativ 0.77% (0.9%) (1.8%) (2.6%) (3.1%) (3.2%) (0.6%) (2.7%) (2.4%) (1.9%) (1.4%) (1.0%) (1.1%) (1.2%) (1.4%)	e to Valuation 1.27% (1.9%) (4.5%) (5.2%) (6.1%) (6.4%) (0.6%) (5.2%) (4.5%) (3.8%) (2.7%) (2.0%) (2.1%) (2.4%) (2.7%)	Assumption 1.77% (2.8%) (6.3%) (7.7%) (9.2%) (9.2%) (9.3%) (1.3%) (7.6%) (6.6%) (5.6%) (4.0%) (3.0%) (3.1%) (3.6%) (4.0%)	assumption 0.66% (0.7%) (1.8%) (2.0%) (3.1%) (2.4%) (0.3%) (2.1%) (1.8%) (1.5%) (1.5%) (0.8%) (0.8%) (0.8%) (0.8%) (1.0%) (1.1%)	assumptio
AY 2005 & prior 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018	0.5% 0.9% 1.5% 1.7% 1.9% - - - - - - - - - - - - - - - - - - -	0.5% 0.9% 1.5% 1.7% 1.9% - - - 1.6% 1.3% 1.1% 0.8% 0.6% 0.6% 0.6% 0.6% 0.7%	assumption Percentage I 0.27%	mpact Relativ 0.77% (0.9%) (1.8%) (2.6%) (3.1%) (3.2%) (0.6%) (2.7%) (2.4%) (1.9%) (1.4%) (1.0%) (1.1%) (1.2%)	e to Valuation 1.27% (1.9%) (4.5%) (5.2%) (6.1%) (6.4%) (0.6%) (5.2%) (4.5%) (3.8%) (2.7%) (2.0%) (2.1%) (2.4%)	Assumption 1.77% (2.8%) (6.3%) (7.7%) (9.2%) (9.2%) (9.3%) (1.3%) (7.6%) (6.6%) (5.6%) (4.0%) (3.0%) (3.1%) (3.6%)	assumption 0.66% (0.7%) (1.8%) (2.0%) (3.1%) (2.4%) (0.3%) (2.1%) (1.8%) (1.5%) (1.5%) (0.8%) (0.8%) (0.8%) (0.8%) (1.0%) (1.1%)	assumptio

## ALL JURISDICTIONS COMBINED



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

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Jurisdiction Desc	Newfoundland &
	Labrador
AccountCode Desc	<b>IBNR</b> Provision
AccountCode	(All)

		Values	1					
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	9	-	-	-	-	-	9
	2011	15	-	-	-	-	-	15
	2012	106	(1)	1	-	-	-	106
	2013	56	(1)	1	-	-	-	56
	2014	110	(1)	(14)	-	(15)	(13.6%)	95
	2015	478	(5)	14	-	9	1.9%	487
	2016	420	(8)	60	-	52	12.4%	472
	2017	727	(9)	16	-	7	1.0%	734
	2018	1,973	(193)	143	-	(50)	(2.5%)	1,923
	2019	3,088	(192)	44	-	(148)	(4.8%)	2,940
	2020	5,147	44	622	-	666	12.9%	5,813
Private Passenger To	otal	12,129	(366)	887	-	521	4.3%	12,650
Non Private								
Passenger	prior	8	-	-	-	-	-	8
	2011	54	-	-	-	-	-	54
	2012	-	-	-	-	-	-	-
	2013	2	-	-	-	-	-	2
	2014	1	-	-	-	-	-	1
	2015	20	-	(79)	-	(79)	(395.0%)	(59)
	2016	134	(2)	67	-	65	48.5%	199
	2017	205	(6)	82	-	76	37.1%	281
	2018	546	(9)	9	-	-	-	546
	2019	1,091	(152)	149	-	(3)	(0.3%)	1,088
	2020	1,614	(13)	268	-	255	15.8%	1,869
Non Private Passeng	er Total	3,675	(182)	496	-	314	8.5%	3,989
Grand Total		15,804	(548)	1,383	-	835	5.3%	16,639



AccountCode Desc IBNR Provision

(All)

New Brunswick

Jurisdiction Desc

AccountCode

## EXHIBIT G-1

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

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M/S IBNR - in \$000s

		Values	1					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	64	(1)	1	-	-	-	64
	2011	22	(1)	1	-	-	-	22
	2012	94	(3)	3	-	-	-	94
	2013	70	(2)	2	-	-	-	70
	2014	235	(8)	8	-	-	-	235
	2015	358	(9)	23	-	14	3.9%	372
	2016	794	(27)	26	-	(1)	(0.1%)	793
	2017	1,449	(53)	7	-	(46)	(3.2%)	1,403
	2018	2,401	(29)	(66)	-	(95)	(4.0%)	2,306
	2019	3,530	(62)	98	-	36	1.0%	3,566
	2020	3,079	293	146	-	439	14.3%	3,518
Private Passenger To	otal	12,096	98	249	-	347	2.9%	12,443
Non Private								
Passenger	prior	22	(1)	(6)	-	(7)	(31.8%)	15
	2011	5	-	-	-	-	-	5
	2012	47	-	-	-	-	-	47
	2013	98	(1)	1	-	-	-	98
	2014	2	-	-	-	-	-	2
	2015	81	(1)	(134)	-	(135)	(166.7%)	(54)
	2016	192	(5)	(72)	-	(77)	(40.1%)	115
	2017	716	(26)	14	-	(12)	(1.7%)	704
	2018	833	(15)	(33)	-	(48)	(5.8%)	785
	2019	1,872	(284)	204	-	(80)	(4.3%)	1,792
	2020	2,023	329	(22)	-	307	15.2%	2,330
Non Private Passeng	ger Total	5,891	(4)	(48)	-	(52)	(0.9%)	5,839
Grand Total		17,987	94	201	-	295	1.6%	18,282

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AccountCode Desc IBNR Provision

Nova Scotia

(All)

Jurisdiction Desc

AccountCode

## EXHIBIT G-1

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

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M/S IBN	R - i	n \$0	00s
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		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	84	-	1	-	1	1.2%	85
	2011	6	-	-	-	-	-	6
	2012	(2)	-	-	-	-	-	(2)
	2013	4	-	-	-	-	-	4
	2014	29	(1)	11	-	10	34.5%	39
	2015	12	-	-	-	-	-	12
	2016	6	-	(222)	-	(222)	(3,700.0%)	(216)
	2017	494	(5)	(97)	-	(102)	(20.6%)	392
	2018	775	(18)	(131)	-	(149)	(19.2%)	626
	2019	1,532	(39)	(34)	-	(73)	(4.8%)	1,459
	2020	3,362	208	(238)	-	(30)	(0.9%)	3,332
Private Passenger To	tal	6,302	145	(710)	-	(565)	(9.0%)	5,737
Non Private								
Passenger	prior	(1)	-	-	-	-	-	(1)
	2011	2	-	-	-	-	-	2
	2012	(3)	-	-	-	-	-	(3)
	2013	68	-	-	-	-	-	68
	2014	74	(1)	(97)	-	(98)	(132.4%)	(24)
	2015	19	-	23	-	23	121.1%	42
	2016	190	(3)	14	-	11	5.8%	201
	2017	445	(10)	(82)	-	(92)	(20.7%)	353
	2018	1,108	(67)	(67)	-	(134)	(12.1%)	974
	2019	2,298	(370)	271	-	(99)	(4.3%)	2,199
	2020	3,197	78	918	-	996	31.2%	4,193
Non Private Passenge	er Total	7,397	(373)	980	-	607	8.2%	8,004
Grand Total		13,699	(228)	270	-	42	0.3%	13,741

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

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		Sum of Drien	Sum of Change	Sum of Change	c.
		Values		I	1
AccountCode	(All)				
AccountCode Desc	Island IBNR Provision				M/S I
Jurisdiction Desc	Prince Edward				1 6

		values	1			1		
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)	-	-	-	-	-	!)
	2011	(1)	-	-	-	-	-	(
	2012	-	-	-	-	-	-	-
	2013	(2)	-	-	-	-	-	(
	2014	-	-	-	-	-	-	-
	2015	107	(1)	1	-	-	-	10
	2016	68	-	-	-	-	-	6
	2017	(16)	(1)	-	-	(1)	6.3%	(1
	2018	395	(3)	1	-	(2)	(0.5%)	39
	2019	234	(1)	1	-	-	-	23
	2020	513	(8)	60	-	52	10.1%	56
Private Passenger To	tal	1,293	(14)	63	-	49	3.8%	1,34
Non Private								
Passenger	prior	(2)	-	-	-	-	-	
	2011	1	-	-	-	-	-	
	2012	30	-	-	-	-	-	3
	2013	45	-	-	-	-	-	4
	2014	11	(1)	1	-	-	-	1
	2015	18	-	-	-	-	-	1
	2016	175	(4)	(102)	-	(106)	(60.6%)	e
	2017	302	(4)	(5)	-	(9)	(3.0%)	29
	2018	455	(5)	(10)	-	(15)	(3.3%)	44
	2019	880	(81)	83	-	2	0.2%	88
	2020	319	61	107	-	168	52.7%	48
Non Private Passenge	er Total	2,234	(34)	74	-	40	1.8%	2,27
Grand Total		3,527	(48)	137	-	89	2.5%	3,61

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Ontario

(All)

AccountCode Desc IBNR Provision

Jurisdiction Desc

AccountCode

## **EXHIBIT G-1**

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

page 5 of 10

M/S IBNR - in \$000s

		Values	1					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	31,782	(318)	(26,972)	-	(27,290)	(85.9%)	4,492
	2011	146	(1)	1	-	-	-	146
	2012	148	(1)	(182)	-	(183)	(123.6%)	(35)
	2013	103	(1)	1	-	-	-	103
	2014	108	-	(24)	-	(24)	(22.2%)	84
	2015	210	(3)	14	-	11	5.2%	221
	2016	333	(19)	18	-	(1)	(0.3%)	332
	2017	371	(11)	55	-	44	11.9%	415
	2018	776	(22)	(66)	-	(88)	(11.3%)	688
	2019	3,417	(106)	(161)	-	(267)	(7.8%)	3,150
	2020	8,026	1,044	(1,014)	-	30	0.4%	8,056
Private Passenger To	otal	45,420	562	(28,330)	-	(27,768)	(61.1%)	17,652
Non Private								
Passenger	prior	56	(1)	2	-	1	1.8%	57
	2011	122	(1)	1	-	-	-	122
	2012	(25)	-	-	-	-	-	(25)
	2013	567	(8)	7	-	(1)	(0.2%)	566
	2014	316	(5)	4	-	(1)	(0.3%)	315
	2015	915	(14)	(113)	-	(127)	(13.9%)	788
	2016	1,430	(15)	(9)	-	(24)	(1.7%)	1,406
	2017	1,040	(22)	26	-	4	0.4%	1,044
	2018	4,734	(92)	70	-	(22)	(0.5%)	4,712
	2019	13,119	(1,125)	(544)	-	(1,669)	(12.7%)	11,450
	2020	14,831	441	755	-	1,196	8.1%	16,027
Non Private Passeng	er Total	37,105	(842)	199	-	(643)	(1.7%)	36,462
Grand Total		82,525	(280)	(28,131)	-	(28,411)	(34.4%)	54,114

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Alberta

(All)

AccountCode Desc IBNR Provision

Jurisdiction Desc

AccountCode

## **EXHIBIT G-1**

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

## page 6 of 10

M/S IBNR - in \$000s

		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	93	(4)	4	-	-	-	93
	2011	33	(1)	1	-	-	-	33
	2012	44	(1)	1	-	-	-	44
	2013	79	(4)	4	-	-	-	79
	2014	92	-	100	-	100	108.7%	192
	2015	96	(4)	4	-	-	-	96
	2016	378	(4)	4	-	-	-	378
	2017	472	(4)	(27)	-	(31)	(6.6%)	441
	2018	651	(24)	(32)	-	(56)	(8.6%)	595
	2019	1,348	(31)	(26)	-	(57)	(4.2%)	1,291
	2020	1,695	66	178	-	244	14.4%	1,939
Private Passenger To	otal	4,981	(11)	211	-	200	4.0%	5,181
Non Private								
Passenger	prior	90	(4)	4	-	-	-	90
	2011	159	(2)	2	-	-	-	159
	2012	81	-	-	-	-	-	81
	2013	450	(14)	13	-	(1)	(0.2%)	449
	2014	524	(20)	(5)	-	(25)	(4.8%)	499
	2015	312	3	4	-	7	2.2%	319
	2016	2,466	(90)	128	-	38	1.5%	2,504
	2017	3,882	(147)	126	-	(21)	(0.5%)	3,861
	2018	9,005	(247)	(92)	-	(339)	(3.8%)	8,666
	2019	18,927	(3,161)	2,682	-	(479)	(2.5%)	18,448
	2020	22,693	1,200	778	-	1,978	8.7%	24,671
Non Private Passeng	er Total	58,589	(2,482)	3,640	-	1,158	2.0%	59,747
Grand Total		63,570	(2,493)	3,851	-	1,358	2.1%	64,928



Yukon

AccountCode Desc IBNR Provision

Jurisdiction Desc

## EXHIBIT G-1

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

## page 7 of 10

M/S IBN	R - i	n \$0	00s
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AccountCode	(All)							75 IBINI - III 90003
		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	-	-	-	-	-	4
	2011	1	-	-	-	-	-	1
	2012	2	-	-	-	-	-	2
	2013	4	-	-	-	-	-	4
	2014	7	-	-	-	-	-	7
	2015	12	-	-	-	-	-	12
	2016	14	-	-	-	-	-	14
	2017	105	(1)	1	-	-	-	105
	2018	79	(1)	1	-	-	-	79
	2019	92	(2)	2	-	-	-	92
	2020	72	15	9	-	24	33.3%	96
Private Passenger To	otal	392	11	13	-	24	6.1%	416
Non Private								
Passenger	prior	2	-	-	-	-	-	2
	2011	-	-	-	-	-	-	-
	2012	1	-	-	-	-	-	1
	2013	1	-	-	-	-	-	1
	2014	8	-	-	-	-	-	8
	2015	(13)	-	-	-	-	-	(13
	2016	26	-	-	-	-	-	26
	2017	76	(1)	1	-	-	-	76
	2018	155	(1)	(5)	-	(6)	(3.9%)	149
	2019	274	(46)	46	-	-	-	274
	2020	430	44	14	-	58	13.5%	488
Non Private Passeng	ger Total	960	(4)	56	-	52	5.4%	1,012
Grand Total		1,352	7	69	-	76	5.6%	1,428

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Private Passenger Total

Non Private Passenger Total

Grand Total

prior

2011

2012

2013

2014

2015

2016

2017

2018

2019

2020

Non Private Passenger

#### **EXHIBIT G-1**

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

page 8 of 10

Jurisdiction Desc AccountCode Desc AccountCode	Northwest Territories IBNR Provision (All)							/S IBNR - in \$000s
Business Segment	AccYear	Values Sum of Prior Month Actual Amount	Sum of Projected Change	Sum of Change Due to AvsP Variances	Sum of Change Due to Valuation Implementation	Sum of Total Change	Sum of % Total Change	Sum of Current Month Final Amount
Private Passenger								
	prior	(3)	-	-	-	-	-	(3)
	2011	(1)	-	-	-	-	-	(1)
	2012	6	-	-	-	-	-	6
	2013	7	-	-	-	-	-	7
	2014	9	-	-	-	-	-	9
	2015	23	-	-	-	-	-	23
	2016	35	-	-	-	-	-	35
	2017	125	(2)	2	-	-	-	125
	2018	274	(2)	34	-	32	11.7%	306
	2019	324	(4)	75	-	71	21.9%	395
	2020	229	29	24	-	53	23.1%	282

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1,035

2,063

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Nunavut

(All)

AccountCode Desc IBNR Provision

Jurisdiction Desc

AccountCode

# **EXHIBIT G-1**

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

## page 9 of 10

M/S IBN	R - i	n \$0	00s
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		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	-	-	-	-	-	-	-
	2011	-	-	-	-	-	-	-
	2012	18	(1)	1	-	-	-	18
	2013	1	-	-	-	-	-	1
	2014	1	-	-	-	-	-	1
	2015	2	-	-	-	-	-	2
	2016	6	-	-	-	-	-	6
	2017	11	-	-	-	-	-	11
	2018	11	-	-	-	-	-	11
	2019	26	-	-	-	-	-	26
	2020	11	1	4	-	5	45.5%	16
Private Passenger To	otal	87	-	5	-	5	5.7%	92
Non Private								
Passenger	prior	-	-	-	-	-	-	-
	2011	-	-	-	-	-	-	-
	2012	-	-	-	-	-	-	-
	2013	-	-	-	-	-	-	-
	2014	23	-	167	-	167	726.1%	190
	2015	12	-	-	-	-	-	12
	2016	17	-	-	-	-	-	17
	2017	53	-	-	-	-	-	53
	2018	76	(1)	1	-	-	-	76
	2019	197	(19)	19	-	-	-	197
	2020	138	15	6	-	21	15.2%	159
Non Private Passeng	er Total	516	(5)	193	-	188	36.4%	704
Grand Total		603	(5)	198	-	193	32.0%	796

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(All) AccountCode Desc IBNR Provision

Jurisdiction Desc

## **EXHIBIT G-1**

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

## page 10 of 10

M/S	IBNR	- in	\$000s

AccountCode	(All)							
		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	32,028	(323)	(26,966)	-	(27,289)	(85.2%)	4,739
	2011	221	(3)	3	-	-	-	221
	2012	416	(7)	(176)	-	(183)	(44.0%)	233
	2013	322	(8)	8	-	-	-	322
	2014	591	(10)	81	-	71	12.0%	662
	2015	1,298	(22)	56	-	34	2.6%	1,332
	2016	2,054	(58)	(114)	-	(172)	(8.4%)	1,882
	2017	3,738	(86)	(43)	-	(129)	(3.5%)	3,609
	2018	7,335	(292)	(116)	-	(408)	(5.6%)	6,927
	2019	13,591	(437)	(1)	-	(438)	(3.2%)	13,153
	2020	22,134	1,692	(209)	-	1,483	6.7%	23,617
Private Passenger Tota	al	83,728	446	(27,477)	-	(27,031)	(32.3%)	56,697
Non Private								
Passenger	prior	178	(6)	-	-	(6)	(3.4%)	172
	2011	343	(3)	3	-	-	-	343
	2012	131	-	-	-	-	-	131
	2013	1,285	(24)	22	-	(2)	(0.2%)	1,283
	2014	992	(27)	70	-	43	4.3%	1,035
	2015	1,378	(12)	(299)	-	(311)	(22.6%)	1,067
	2016	4,676	(119)	26	-	(93)	(2.0%)	4,583
	2017	6,813	(218)	164	-	(54)	(0.8%)	6,759
	2018	17,091	(439)	(125)	-	(564)	(3.3%)	16,527
	2019	38,979	(5,266)	2,938	-	(2,328)	(6.0%)	36,651
	2020	45,536	2,198	2,811	-	5,009	11.0%	50,545
Non Private Passenger	Total	117,402	(3,916)	5,610	-	1,694	1.4%	119,096
Grand Total		201,130	(3,470)	(21,867)	-	(25,337)	(12.6%)	175,793

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

page 1 of 10

IBNR - in \$000s

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

		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	(17)	-	-	-	-	-	(17)
	2011	(8)	-	-	-	-	-	(8)
	2012	(25)	-	-	-	-	-	(25)
	2013	(12)	-	-	-	-	-	(12)
	2014	(11)	-	(15)	-	(15)	136.4%	(26)
	2015	180	(2)	11	-	9	5.0%	189
	2016	(16)	-	57	-	57	(356.3%)	41
	2017	462	(5)	29	-	24	5.2%	486
	2018	1,311	(173)	130	-	(43)	(3.3%)	1,268
	2019	1,989	(159)	30	-	(129)	(6.5%)	1,860
	2020	4,423	(30)	607	-	577	13.0%	5,000
Private Passenger Tota	I	8,276	(369)	849	-	480	5.8%	8,756
Non Private								
Passenger	prior	8	-	-	-	-	-	8
	2011	1	-	-	-	-	-	1
	2012	-	-	-	-	-	-	-
	2013	2	-	-	-	-	-	2
	2014	-	-	-	-	-	-	-
	2015	(28)	-	(79)	-	(79)	282.1%	(107)
	2016	24	-	88	-	88	366.7%	112
	2017	14	-	88	-	88	628.6%	102
	2018	285	(3)	3	-	-	-	285
	2019	707	(141)	142	-	1	0.1%	708
	2020	1,353	(46)	273	-	227	16.8%	1,580
Non Private Passenger	Total	2,366	(190)	515	-	325	13.7%	2,691
Grand Total		10,642	(559)	1,364	-	805	7.6%	11,447



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

page 2 of 10

IBNR	-	in	\$000s
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Jurisdiction Desc New Brunswick AccountCode Desc Undiscounted IBNR Provision AccountCode (All)

		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	21	(1)	1	-	-	-	21
	2011	18	(1)	1	-	-	-	18
	2012	67	(3)	3	-	-	-	67
	2013	55	(2)	2	-	-	-	55
	2014	164	(7)	7	-	-	-	164
	2015	166	(7)	22	-	15	9.0%	181
	2016	562	(22)	22	-	-	-	562
	2017	1,188	(48)	2	-	(46)	(3.9%)	1,142
	2018	1,923	(19)	(76)	-	(95)	(4.9%)	1,828
	2019	2,972	(51)	91	-	40	1.3%	3,012
	2020	2,596	234	134	-	368	14.2%	2,964
Private Passenger Tota	l	9,732	73	209	-	282	2.9%	10,014
Non Private								
Passenger	prior	(2)	-	2	-	2	(100.0%)	-
	2011	(4)	-	-	-	-	-	(4)
	2012	2	-	-	-	-	-	2
	2013	(4)	-	-	-	-	-	(4)
	2014	2	-	-	-	-	-	2
	2015	15	(1)	(99)	-	(100)	(666.7%)	(85)
	2016	130	(5)	(72)	-	(77)	(59.2%)	53
	2017	611	(24)	12	-	(12)	(2.0%)	599
	2018	558	(9)	(38)	-	(47)	(8.4%)	511
	2019	1,339	(268)	190	-	(78)	(5.8%)	1,261
	2020	1,689	279	(11)	-	268	15.9%	1,957
Non Private Passenger	Total	4,336	(28)	(16)	-	(44)	(1.0%)	4,292
Grand Total		14,068	45	193	-	238	1.7%	14,306



Nova Scotia

Undiscounted IBNR Provision

prior

. 2011

2012

2013

2014

2015

2016

2017

2018

2019

2020

(4)

2

(3)

(75)

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39

191

740

1,769

2,657

5,323

9,953

Jurisdiction Desc

Passenger

Non Private Passenger Total

Grand Total

AccountCode Desc

#### **EXHIBIT G-2**

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

page 3 of 10

IBNR	-	in	\$000s
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(4)

2

(3)

(75)

(47)

28

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130

615

1,674

3,558

5,928

9,926

AccountCode	(All)							
Accountcode	(All)							
		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	48	-	1	-	1	2.1%	49
	2011	5	-	-	-	-	-	5
	2012	(2)	-	-	-	-	-	(2)
	2013	(3)	-	-	-	-	-	(3)
	2014	(3)	-	-	-	-	-	(3)
	2015	(7)	-	-	-	-	-	(7)
	2016	(44)	-	(222)	-	(222)	504.5%	(266)
	2017	358	(4)	(98)	-	(102)	(28.5%)	256
	2018	530	(16)	(133)	-	(149)	(28.1%)	381
	2019	908	(27)	(40)	-	(67)	(7.4%)	841
	2020	2,840	153	(246)	-	(93)	(3.3%)	2,747
Private Passenger To	otal	4,630	106	(738)	-	(632)	(13.7%)	3,998
Non Private								

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(16.9%)

(5.4%)

33.9%

11.4%

(0.3%)

(2,450.0%)



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

page 4 of 10

IBNR - in \$000s

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

		Values	1			1		
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)
	2011	(1)	-	-	-	-	-	(1)
	2012	-	-	-	-	-	-	-
	2013	(2)	-	-	-	-	-	(2)
	2014	-	-	-	-	-	-	-
	2015	7	-	-	-	-	-	7
	2016	32	-	-	-	-	-	32
	2017	(142)	1	(1)	-	-	-	(142)
	2018	347	(3)	2	-	(1)	(0.3%)	346
	2019	139	(1)	1	-	-	-	139
	2020	436	(15)	58	-	43	9.9%	479
Private Passenger Tota	I	811	(18)	60	-	42	5.2%	853
Non Private								
Passenger	prior	(2)	-	-	-	-	-	(2)
	2011	1	-	-	-	-	-	1
	2012	-	-	-	-	-	-	-
	2013	41	-	-	-	-	-	41
	2014	(1)	-	-	-	-	-	(1)
	2015	16	-	-	-	-	-	16
	2016	61	(1)	(105)	-	(106)	(173.8%)	(45)
	2017	274	(3)	(6)	-	(9)	(3.3%)	265
	2018	409	(4)	(11)	-	(15)	(3.7%)	394
	2019	769	(77)	80	-	3	0.4%	772
	2020	220	48	101	-	149	67.7%	369
Non Private Passenger	Total	1,788	(37)	59	-	22	1.2%	1,810
Grand Total		2,599	(55)	119	-	64	2.5%	2,663

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

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IBNR	-	in	\$000s

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

		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	27,722	(277)	(26,957)	-	(27,234)	(98.2%)	488
	2011	37	-	-	-	-	-	37
	2012	51	(1)	(179)	-	(180)	(352.9%)	(129)
	2013	17	-	-	-	-	-	17
	2014	(257)	3	(3)	-	-	-	(257)
	2015	165	(2)	13	-	11	6.7%	176
	2016	221	(14)	15	-	1	0.5%	222
	2017	217	(9)	56	-	47	21.7%	264
	2018	459	(18)	(68)	-	(86)	(18.7%)	373
	2019	2,322	(93)	(144)	-	(237)	(10.2%)	2,085
	2020	6,799	901	(952)	-	(51)	(0.8%)	6,748
Private Passenger Tota	I	37,753	490	(28,219)	-	(27,729)	(73.4%)	10,024
Non Private								
Passenger	prior	(2)	-	-	-	-	-	(2)
	2011	27	-	-	-	-	-	27
	2012	(31)	-	-	-	-	-	(31)
	2013	290	(3)	3	-	-	-	290
	2014	82	(1)	1	-	-	-	82
	2015	188	(2)	(32)	-	(34)	(18.1%)	154
	2016	894	(9)	(14)	-	(23)	(2.6%)	871
	2017	474	(5)	10	-	5	1.1%	479
	2018	3,410	(78)	60	-	(18)	(0.5%)	3,392
	2019	10,458	(1,046)	(591)	-	(1,637)	(15.7%)	8,821
	2020	12,716	215	755	-	970	7.6%	13,686
Non Private Passenger	Total	28,506	(929)	192	-	(737)	(2.6%)	27,769
Grand Total		66,259	(439)	(28,027)	-	(28,466)	(43.0%)	37,793



Alberta Undiscounted

**IBNR** Provision

Jurisdiction Desc

AccountCode Desc

#### **EXHIBIT G-2**

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

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IBNR - in \$000s

		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	59	(4)	4	-	-	-	59
	2011	18	(1)	1	-	-	-	18
	2012	22	(1)	1	-	-	-	22
	2013	62	(3)	3	-	-	-	62
	2014	(42)	2	98	-	100	(238.1%)	58
	2015	77	(4)	4	-	-	-	77
	2016	202	(2)	2	-	-	-	202
	2017	402	(4)	(22)	-	(26)	(6.5%)	376
	2018	431	(22)	(32)	-	(54)	(12.5%)	377
	2019	1,031	(24)	(28)	-	(52)	(5.0%)	979
	2020	1,465	52	163	-	215	14.7%	1,680
rivate Passenger Tota	I	3,727	(11)	194	-	183	4.9%	3,910
Non Private								
Passenger	prior	60	(4)	4	-	-	-	60
-	2011	26	(1)	1	-	-	-	26
	2012	8		-	-	-	-	5
	2013	224	(10)	10	-	-	-	224
	2014	432	(19)	(6)	-	(25)	(5.8%)	40
	2015	(194)	9	9	-	18	(9.3%)	(176
	2016	1,996	(80)	115	-	35	1.8%	2,031
	2017	3,077	(123)	102	-	(21)	(0.7%)	3,050
	2018	6,573	(197)	(110)	-	(307)	(4.7%)	6,260
	2019	15,250	(3,050)	2,634	-	(416)	(2.7%)	14,834
	2020	19,495	875	739	-	1,614	8.3%	21,109
Ion Private Passenger	Total	46,947	(2,600)	3,498	-	898	1.9%	47,845
Grand Total		50,674	(2,611)	3,692	-	1,081	2.1%	51,755



Yukon

Undiscounted IBNR Provision

Jurisdiction Desc

AccountCode Desc

#### **EXHIBIT G-2**

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

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IBNR	-	in	\$000s

AccountCode (All) Values Sum of Prior Sum of Change Sum of Change Sum of Current Sum of Projected Sum of Total Sum of % Total **Business Segment** AccYear Month Actual Due to AvsP Due to Valuation Month Final Change Change Change Amount Variances Implementation Amount Private Passenger 4 4 prior 2011 1 1 2012 2 -\_ 2 \_ -4 4 2013 \_ -2014 6 \_ \_ 6 2015 11 11 2016 13 \_ 13 2017 17 17 --71 (1) 71 2018 1 ---2019 77 (1) 1 77 \_ \_ 2020 62 14 8 \_ 22 35.5% 84 Private Passenger Total 268 12 10 22 8.2% 290 -Non Private Passenger prior 2 2 \_ \_ \_ 2011 ---\_ -2012 1 \_ --1 \_ -2013 1 1 ---2014 7 \_ \_ \_ 7 \_ 2015 (15) (15) -\_ -2016 24 \_ ---24 2017 69 (1) 1 69 95 (5) (6) (6.3%) 89 2018 (1) \_ 2019 226 (45) 45 226 -387 38 13.2% 2020 13 51 438 Non Private Passenger Total 797 (9) 54 -45 5.6% 842 Grand Total 1,065 64 67 1,132 3 6.3% -



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

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IBNR - in \$000s

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

		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	(3)	-	-	-	-	-	(3)
	2011	(1)	-	-	-	-	-	(1)
	2012	5	-	-	-	-	-	5
	2013	6	-	-	-	-	-	6
	2014	8	-	-	-	-	-	8
	2015	21	-	-	-	-	-	21
	2016	32	-	-	-	-	-	32
	2017	70	(1)	1	-	-	-	70
	2018	240	(2)	35	-	33	13.8%	273
	2019	271	(3)	73	-	70	25.8%	341
	2020	172	23	28	-	51	29.7%	223
Private Passenger Tota	1	821	17	137	-	154	18.8%	975
Non Private								
Passenger	prior	3	-	-	-	-	-	3
	2011	-	-	-	-	-	-	-
	2012	-	-	-	-	-	-	-
	2013	2	-	-	-	-	-	2
	2014	30	-	-	-	-	-	30
	2015	13	-	-	-	-	-	13
	2016	26	-	-	-	-	-	26
	2017	85	(1)	1	-	-	-	85
	2018	159	(2)	2	-	-	-	159
	2019	260	(26)	26	-	-	-	260
	2020	256	37	(13)	-	24	9.4%	280
Non Private Passenger	Total	834	8	16	-	24	2.9%	858
Grand Total		1,655	25	153	-	178	10.8%	1,833

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Nunavut

(All)

**IBNR** Provision

AccountCode Desc Undiscounted

Jurisdiction Desc

AccountCode

#### **EXHIBIT G-2**

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

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			IBNR - in \$000s
1		1	1

		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	-	-	-	-	-	-	-
	2011	-	-	-	-	-	-	-
	2012	1	-	-	-	-	-	1
	2013	1	-	-	-	-	-	1
	2014	1	-	-	-	-	-	1
	2015	2	-	-	-	-	-	2
	2016	5	-	-	-	-	-	5
	2017	10	-	-	-	-	-	10
	2018	10	-	-	-	-	-	10
	2019	23	-	-	-	-	-	23
	2020	9	1	3	-	4	44.4%	13
Private Passenger Tota	ıl.	62	1	3	-	4	6.5%	66
Non Private								
Passenger	prior	-	-	-	-	-	-	-
	2011	-	-	-	-	-	-	-
	2012	-	-	-	-	-	-	-
	2013	-	-	-	-	-	-	-
	2014	3	-	170	-	170	5,666.7%	173
	2015	3	-	-	-	-	-	3
	2016	15	-	-	-	-	-	15
	2017	48	-	-	-	-	-	48
	2018	64	(1)	1	-	-	-	64
	2019	179	(18)	18	-	-	-	179
	2020	122	14	5	-	19	15.6%	141
Non Private Passenger	Total	434	(5)	194	-	189	43.5%	623
Grand Total		496	(4)	197	-	193	38.9%	689

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

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Jurisdiction Desc	(All)
AccountCode Desc	Undiscounted
	<b>IBNR</b> Provision
AccountCode	(All)

		values	1			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	27,829	(282)	(26,951)	-	(27,233)	(97.9%)	596
	2011	69	(2)	2	-	-	-	69
	2012	121	(5)	(175)	-	(180)	(148.8%)	(59)
	2013	128	(5)	5	-	-	-	128
	2014	(134)	(2)	87	-	85	(63.4%)	(49)
	2015	622	(15)	50	-	35	5.6%	657
	2016	1,007	(38)	(126)	-	(164)	(16.3%)	843
	2017	2,582	(70)	(33)	-	(103)	(4.0%)	2,479
	2018	5,322	(254)	(141)	-	(395)	(7.4%)	4,927
	2019	9,732	(359)	(16)	-	(375)	(3.9%)	9,357
	2020	18,802	1,333	(197)	-	1,136	6.0%	19,938
Private Passenger To	tal	66,080	301	(27,495)	-	(27,194)	(41.2%)	38,886
Non Private								
Passenger	prior	63	(4)	6	-	2	3.2%	65
	2011	53	(1)	1	-	-	-	53
	2012	(23)	-	-	-	-	-	(23)
	2013	481	(12)	12	-	-	-	481
	2014	557	(20)	116	-	96	17.2%	653
	2015	3	6	(178)	-	(172)	(5,733.3%)	(169)
	2016	3,209	(97)	25	-	(72)	(2.2%)	3,137
	2017	4,843	(160)	150	-	(10)	(0.2%)	4,833
	2018	12,293	(355)	(163)	-	(518)	(4.2%)	11,775
	2019	30,957	(5,025)	2,803	-	(2,222)	(7.2%)	28,735
	2020	38,895	1,488	2,735	-	4,223	10.9%	43,118
Non Private Passeng	er Total	91,331	(4,180)	5,507	-	1,327	1.5%	92,658
Grand Total		157,411	(3,879)	(21,988)	-	(25,867)	(16.4%)	131,544



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## EXHIBIT H-1

Projected Year-end Policy Liabilities

#### **Private Passenger**

The table below presents the projected policy liabilities as at December 31, 2020 for Private Passenger, broken down by component.

#### Newfoundland & Labrador

Newfoundland & Labrador - Projected Balances as at Dec. 31, 2020 (\$000s) **Private Passenger** ending 2020 nominal values actuarial present value adjustments (apvs) **Retro Claims** investment development TOTAL Acc Yr Case IBNR Total Unpaid discount Total apvs Fee & Expense PfAD PfAD (1) (4) prior (5) (6) 2 2 2001 (4) (5) (8) (9) 1 1 2002 \_ 2003 1 1 2 2 (10) (10) 2004 (11) 1 1 2005 3 3 3 \_ -1 2006 2 3 \_ 3 2007 28 29 2 2 31 (3) 4 7 (2) 10 93 103 11 113 2008 3 1 2009 83 5 13 101 (2) 1 10 9 110 (6) 29 4 26 2010 (1) 22 4 2011 233 (7) 49 275 (6) 5 28 27 302 1,273 (22) 90 (20) 19 132 131 1 472 2012 1.341 2013 659 (11) 129 777 (10) 10 77 77 854 13 1,172 (23) 167 (15) 131 129 1,445 2014 1,316 2015 2,657 162 335 3,154 (25) 21 322 318 3,472 (25) 441 4,741 2016 3,955 33 312 4,300 25 441 2017 1,802 394 156 2,352 (14) 14 283 283 2,635 4,917 894 365 (36) 36 659 6,835 2018 6,176 659 2019 8,636 1,386 376 10,398 (62) 62 1,112 1,112 11,510 PAYs (sub-total): 25,505 2,791 2,030 30,326 (217) 207 3,216 3,206 33,532 CAY (2020) 8,801 2,470 (11 11,260 (79 68 1,230 1,219 12,479 claims liabilities: 34,306 5,261 2,019 41,586 (296) 275 4,446 4,425 46,011 Premium investment development Unearned Total TOTAL\* Deficiency / discount Total apvs Premium Provision PfAD PfAD (DPAC) premium liabilities: 13,621 (1,417) 12,204 (66) 53 854 841 12,204 \*Total may not be sum of parts, as apvs apply to future costs within UPR policy liabilities: 53,790 (362) 328 5,300 5,266 58,215



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## EXHIBIT H-1

Projected Year-end Policy Liabilities

#### **Private Passenger**

The table below presents the projected policy liabilities as at December 31, 2020 for Private Passenger, broken down by component.

#### **New Brunswick**

New Brunswick - Projected Balances as at Dec. 31, 2020 (\$000s) Private Passenger ending 2020 nominal values actuarial present value adjustments (apvs) **Retro Claims** investment development Case TOTAL Acc Yr IBNR Total Unpaid discount Total apvs Fee & Expense PfAD PfAD 20 prior -18 18 2 2 2001 (1) (1) (1) 2002 (1) (10) (1) (12) 1 1 (11) 2003 209 3 2 214 21 21 235 2 2004 1 1 2 2005 1 9 (17) (7) 3 3 (4) (9) 2 2 2006 7 (2) \_ 2007 (8) 10 4 2 2 2 16 14 2 2 16 2008 1 (3) 2009 8 11 19 2 2 21 120 112 11 122 2010 (8) (2) 10 1 2011 27 16 47 90 9 9 99 198 60 71 329 (2) 33 33 362 2012 2 2013 92 49 69 210 (1) 1 21 21 231 547 147 95 (6) 5 78 789 79 867 2014 2015 1,666 163 216 2,045 8 210 210 2,255 (8) 1,614 530 2,292 (12) 12 243 2016 148 243 2.535 2017 1,425 1,009 178 2,612 (16) 16 273 273 2,885 2018 2,015 1,648 119 23 504 500 4,282 3,782 (27) 2019 1,469 2,864 183 4,516 (37) 31 600 594 5,110 PAYs (sub-total): 9,383 6,505 1,136 17,024 (111) 99 2,018 2,006 19,030 CAY (2020) 2,507 3,492 48 6,047 (54) 48 786 780 6,827 claims liabilities: 11,890 9,997 1,184 23,071 (165) 147 2,804 2,786 25,857 Premium investment development Unearned Total discount TOTAL\* Deficiency / Total apvs Premium Provision PfAD PfAD (DPAC) premium liabilities: 8,728 (943) 7,785 (36) 28 481 473 7,785 \*Total may not be sum of parts, as apvs apply to future costs within UPR policy liabilities: 30,856 (201) 175 3,285 3,259 33,642



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## **EXHIBIT H-1**

Projected Year-end Policy Liabilities

#### **Private Passenger**

The table below presents the projected policy liabilities as at December 31, 2020 for Private Passenger, broken down by component.

#### Nova Scotia

Private Passenger			No	va Scotia - Project	ed Balances as at	Dec. 31, 2020 (	\$000s)		
ending 2020		nomina	al values		actuar	ial present valu	ue adjustments (a	apvs)	
Acc Yr	Case	IBNR	Retro Claims Fee & Expense	Total Unpaid	discount	investment PfAD	development PfAD	Total apvs	TOTAL
prior	-	3	(1)	2	-	-	2	2	4
2001	-	3	-	3	-	-	-	-	3
2002	1	11	1	13	-	-	1	1	14
2003	(1)	(6)	-	(7)	-	-	1	1	(6
2004	14	3	(2)	15	-	-	2	2	17
2005	-	16	2	18	-	-	2	2	20
2006	-	(4)	11	7	-	-	1	1	8
2007	(1)	(11)	21	9	-	-	3	3	12
2008	-	12	17	29	-	-	3	3	32
2009	218	12	16	246	(4)	4	25	25	271
2010	14	7	22	43	-	-	4	4	47
2011	-	5	27	32	(1)	-	4	3	35
2012	-	(2)	36	34	(1)	1	4	4	38
2013	68	(3)	45	110	(2)	2	12	12	122
2014	388	(3)	46	431	(3)	2	43	42	473
2015	181	(6)	18	193	(1)	1	25	25	218
2016	732	(257)	64	539	(2)	2	62	62	601
2017	826	235	57	1,118	(5)	5	148	148	1,266
2018	1,659	351	77	2,087	(13)	13	272	272	2,359
2019	4,081	752	131	4,964	(35)	35	658	658	5,622
PAYs (sub-total):	8,180	1,118	588	9,886	(67)	65	1,272	1,270	11,156
CAY (2020)	3,622	2,764	(30)	6,356	(45)	37	838	830	7,186
claims liabilities:	11,802	3,882	558	16,242	(112)	102	2,110	2,100	18,342
	Unearned Premium	Premium Deficiency / (DPAC)		Total Provision	discount	investment PfAD	development PfAD	Total apvs	TOTAL*
premium liabilities:	10,362	(1,129)		9,233	(33)	30	629	626	9,233
						*Iotal may not	be sum of parts, as	apvs apply to futur	e costs within UP
policy liabilities:				25,475	(145)	132	2,739	2,726	27,57



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## EXHIBIT H-1

Projected Year-end Policy Liabilities

#### **Private Passenger**

The table below presents the projected policy liabilities as at December 31, 2020 for Private Passenger, broken down by component.

#### **Prince Edward Island**

Prince Edward Island - Projected Balances as at Dec. 31, 2020 (\$000s) Private Passenger ending 2020 nominal values actuarial present value adjustments (apvs) **Retro Claims** investment development TOTAL Acc Yr Case IBNR Total Unpaid discount Total apvs Fee & Expense PfAD PfAD (2) prior (2) (2) -2001 (1) (1) (1) 2002 1 1 1 2003 (1) (1) \_ (1) 2004 4 4 4 2005 (4) (4) (4) -5 6 2006 5 1 1 2007 (1) 1 2008 (1) 2 1 1 \_ 2009 \_ 2010 4 4 4 \_ \_ 2011 (1) 8 7 1 1 8 14 14 1 15 2012 1 2013 -(2) 19 17 -\_ 2 2 19 24 24 2 2 26 2014 -2015 940 7 20 967 (9) 8 102 101 1,068 306 32 49 387 (2) 43 430 2016 2 43 2017 1,315 (139) 24 1,200 (6) 6 129 129 1,329 2018 123 320 (11) 432 (3) 3 52 52 484 2019 610 123 21 754 (5 4 104 103 857 PAYs (sub-total): 3,294 335 180 3,809 (25) 23 437 435 4,244 CAY (2020) 616 393 1,005 (9) 8 1,146 142 141 176 31 claims liabilities: 3,910 728 4,814 (34) 579 576 5,390 Premium investment development Unearned Total Deficiency / discount Total apvs TOTAL\* Premium Provision PfAD PfAD (DPAC) premium liabilities: 1,524 (166) 1,358 (5) 4 80 79 1,358 \*Total may not be sum of parts, as apvs apply to future costs within UPR policy liabilities: 6,172 (39) 35 659 655 6,748



Projected Year-end Policy Liabilities

#### **Private Passenger**

The table below presents the projected policy liabilities as at December 31, 2020 for Private Passenger, broken down by component.

Ontario

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Private Passenger				Ontario - Projecte	d Balances as at D	ec. 31, 2020 (\$0	000s)		
ending 2020		nomina	al values		actuar	ial present val	ue adjustments (a	apvs)	
Acc Yr	Case	IBNR	Retro Claims Fee & Expense	Total Unpaid	discount	investment PfAD	development PfAD	Total apvs	TOTAL
prior	30,865	199	1	31,065	(151)	151	3,101	3,101	34,166
2001	-	6	(2)	4	-	-	1	1	5
2002	443	(8)	(1)	434	(4)	3	43	42	476
2003	2,404	(329)	305	2,380	(24)	22	236	234	2,614
2004	1,308	238	499	2,045	(22)	20	202	200	2,245
2005	1	(28)	192	165	-	-	22	22	187
2006	257	3	173	433	(6)	5	43	42	475
2007	1,931	52	172	2,155	(33)	30	212	209	2,364
2008	141	107	158	406	(7)	7	41	41	447
2009	58	124	160	342	(6)	6	34	34	376
2010	55	86	172	313	(4)	3	31	30	343
2011	1,020	35	254	1,309	(20)	19	128	127	1,436
2012	1,022	(121)	350	1,251	(19)	18	123	122	1,373
2013	810	16	342	1,168	(10)	10	116	116	1,284
2014	3,510	(238)	351	3,623	(32)	29	359	356	3,979
2015	258	163	452	873	(5)	5	91	91	964
2016	836	194	346	1,376	(8)	8	164	164	1,540
2017	1,149	238	417	1,804	(11)	11	206	206	2,010
2018	2,007	353	436	2,796	(21)	17	410	406	3,202
2019	6,088	1,859	1,019	8,966	(72)	63	1,179	1,170	10,136
PAYs (sub-total):	54,163	2,949	5,796	62,908	(455)	427	6,742	6,714	69,622
CAY (2020)	7,523	8,167	400	16,090	(129)	112	2,435	2,418	18,508
claims liabilities:	61,686	11,116	6,196	78,998	(584)	539	9,177	9,132	88,130
	Unearned Premium	Premium Deficiency / (DPAC)		Total Provision	discount	investment PfAD	development PfAD	Total apvs	TOTAL*
premium liabilities:	26,746	(1,631)		25,115	(100)	93	1,506	1,499	25,115
						*Total may not	be sum of parts, as	apvs apply to future	costs within UP
policy liabilities:				104,113	(684)	632	10,683	10,631	113,24



Projected Year-end Policy Liabilities

#### **Private Passenger**

The table below presents the projected policy liabilities as at December 31, 2020 for Private Passenger, broken down by component.

Alberta

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			•	-iberta - i rojettea	l Balances as at D	2020 (30	003)		
ending 2020		nomina	al values		actuar	ial present valu	ue adjustments (	apvs)	
Acc Yr	Case	IBNR	Retro Claims Fee & Expense	Total Unpaid	discount	investment PfAD	development PfAD	Total apvs	TOTAL
prior	(1)	-	(2)	(3)	-	-	14	14	1
2001	1	10	-	11	-	-	1	1	1
2002	(2)	(12)	2	(12)	-	-	1	1	(1
2003	5	56	-	61	-	-	6	6	6
2004	(1)	(25)	3	(23)	-	-	3	3	(2
2005	-	5	15	20	-	-	3	3	2
2006	8	11	5	24	-	-	3	3	2
2007	3	9	2	14	-	-	1	1	1
2008	-	6	83	89	-	-	9	9	9
2009	-	(8)	59	51	-	-	7	7	5
2010	-	(2)	10	8	-	-	1	1	
2011	121	15	4	140	-	-	14	14	15
2012	183	19	29	231	-	-	23	23	25
2013	97	54	43	194	-	-	19	19	21
2014	1,179	50	56	1,285	(4)	4	129	129	1,41
2015	108	66	48	222	(1)	1	23	23	24
2016	1,524	195	31	1,750	(9)	9	176	176	1,92
2017	273	357	41	671	(4)	4	67	67	73
2018	1,270	326	122	1,718	(11)	10	224	223	1,94
2019	1,587	839	102	2,528	(19)	17	332	330	2,85
PAYs (sub-total):	6,355	1,971	653	8,979	(48)	45	1,056	1,053	10,03
CAY (2020)	1,011	1,415	(80)	2,346	(16)	14	281	279	2,62
claims liabilities:	7,366	3,386	573	11,325	(64)	59	1,337	1,332	12,65
	Unearned Premium	Premium Deficiency / (DPAC)		Total Provision	discount	investment PfAD	development PfAD	Total apvs	TOTAL*
remium liabilities:	4,202	(458)		3,744	(10)	9	160	159	3,74
						*Total may not	be sum of parts, as	apvs apply to future	costs within U



Projected Year-end Policy Liabilities

#### **Private Passenger**

The table below presents the projected policy liabilities as at December 31, 2020 for Private Passenger, broken down by component.

Yukon

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Acc Yr prior 2001 2002 2003	Case -	nomina IBNR	Retro Claims Fee & Expense		actuar	ial present valu	ie adjustments (a	apvs)	
prior 2001 2002									
2001 2002	-		. cc a copense	Total Unpaid	discount	investment PfAD	development PfAD	Total apvs	TOTAL
2002		3	-	3	-	-	-	-	
	-	1	-	1	-	-	-	-	
2003	-	-	-	-	-	-	-	-	-
2005	-	1	-	1	-	-	-	-	
2004	-	-	-	-	-	-	-	-	-
2005	-	-	-	-	-	-	-	-	-
2006	-	-	-	-	-	-	-	-	-
2007	-	-	-	-	-	-	-	-	-
2008	-	(1)	-	(1)	-	-	-	-	(
2009	-	-	7	7	-	-	1	1	
2010	-	-	-	-	-	-	-	-	-
2011	-	1	1	2	-	-	-	-	
2012	-	2	2	4	-	-	-	-	
2013	-	4	3	7	-	-	-	-	
2014	-	6	4	10	-	-	1	1	1
2015	-	11	(18)	(7)	-	-	4	4	
2016	-	13	(4)	9	-	-	2	2	:
2017	847	17	-	864	(5)	5	87	87	9
2018	-	68	5	73	-	-	9	9	:
2019	50	74	(1)	123	(1)	1	15	15	1
PAYs (sub-total):	897	200	(1)	1,096	(6)	6	119	119	1,22
CAY (2020)	(50)	162	(7)	105	(1)	1	14	14	1
claims liabilities:	847	362	(8)	1,201	(7)	7	133	133	1,3
	Unearned Premium	Premium Deficiency / (DPAC)		Total Provision	discount	investment PfAD	development PfAD	Total apvs	TOTAL*
remium liabilities:	224	(24)		200	(1)	1	13	13	2
						*Total may not	be sum of parts, as	apvs apply to future	costs within l
policy liabilities:				1,401	(8)	8	146	146	1,5



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## EXHIBIT H-1

Projected Year-end Policy Liabilities

#### **Private Passenger**

The table below presents the projected policy liabilities as at December 31, 2020 for Private Passenger, broken down by component.

#### **Northwest Territories**

Northwest Territories - Projected Balances as at Dec. 31, 2020 (\$000s) Private Passenger ending 2020 nominal values actuarial present value adjustments (apvs) **Retro Claims** investment development TOTAL Acc Yr Case IBNR Total Unpaid discount Total apvs Fee & Expense PfAD PfAD prior -2001 1 1 1 2002 1 1 \_ 1 2003 1 1 \_ 1 2004 (2) (2) (2) 2005 --2006 (3) (3) (3) 2007 (3) (3) (3) 2008 3 3 3 2009 \_ (1) 2010 (1) (1) 2011 (1) 6 5 1 1 6 5 9 14 2 2 16 2012 2013 6 12 18 -2 2 20 8 17 25 3 3 28 2014 \_ 2015 21 (3) 18 4 4 22 32 20 57 2016 52 5 5 2017 469 66 6 541 (3) 3 58 58 599 2018 2 264 257 2 37 37 294 (9) (2) 2019 114 309 9 432 (3) 60 60 492 3 PAYs (sub-total): 585 707 67 1,359 (8) 8 172 172 1,531 CAY (2020) 357 321 (57 621 (4) 86 86 707 4 12 claims liabilities: 942 1,028 10 1,980 (12) 258 258 2,238 Premium investment development Unearned Total Deficiency / discount Total apvs TOTAL\* Premium Provision PfAD PfAD (DPAC) premium liabilities: 1,119 (122) 997 (2) 2 47 47 997 \*Total may not be sum of parts, as apvs apply to future costs within UPR policy liabilities: 2,977 (14) 14 305 305 3,235



Projected Year-end Policy Liabilities

#### **Private Passenger**

The table below presents the projected policy liabilities as at December 31, 2020 for Private Passenger, broken down by component.

Nunavut

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Private Passenger			Ν	lunavut - Projecte	d Balances as at	Dec. 31, 2020 (\$	000s)		
ending 2020		nomina	al values		actua	arial present val	ue adjustments (	apvs)	
Acc Yr	Case	IBNR	Retro Claims Fee & Expense	Total Unpaid	discount	investment PfAD	development PfAD	Total apvs	TOTAL
prior	-	-	-	-	-	-	-	-	-
2001	-	-	-	-	-	-	-	-	-
2002	-	(1)	-	(1)	-	-	-	-	(
2003	-	-	-	-	-	-	-	-	-
2004	-	-	-	-	-	-	-	-	-
2005	-	-	-	-	-	-	-	-	-
2006	-	-	-	-	-	-	-	-	-
2007	-	-	-	-	-	-	-	-	-
2008	-	1	-	1	-	-	-	-	
2009	-	-	-	-	-	-	-	-	-
2010	-	-	-	-	-	-	-	-	-
2011	-	-	2	2	-	-	-	-	
2012	160	1	2	163	-	-	16	16	17
2013	-	1	3	4	-	-	-	-	
2014	-	1	4	5	-	-	-	-	
2015	-	2	4	6	-	-	-	-	
2016	-	5	4	9	-	-	1	1	1
2017	-	10	2	12	-	-	1	1	1
2018	-	10	-	10	-	-	1	1	1
2019	-	23	1	24	-	-	3	3	2
PAYs (sub-total):	160	53	22	235	-	-	22	22	25
CAY (2020)	7	23	(4)	26		-	3	3	2
claims liabilities:	167	76	18	261	-	-	25	25	28
	Unearned Premium	Premium Deficiency / (DPAC)		Total Provision	discount	investment PfAD	development PfAD	Total apvs	TOTAL*
remium liabilities:	91	(10)		81	-	-	2	2	٤
						*Total may not	be sum of parts, as	apvs apply to future	costs within U
policy liabilities:				342			27	27	3



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## **EXHIBIT H-1**

Projected Year-end Policy Liabilities

#### **Private Passenger**

The table below presents the projected policy liabilities as at December 31, 2020 for Private Passenger, broken down by component.

#### **All Jurisdictions**

Private Passenger						as at Dec. 31, 20			
ending 2020		nomin	al values		actuar	rial present valu	ue adjustments (	apvs)	
Acc Yr	Case	IBNR	Retro Claims Fee & Expense	Total Unpaid	discount	investment PfAD	development PfAD	Total apvs	TOTAL
prior	30,863	216	(2)	31,077	(151)	151	3,121	3,121	34,198
2001	1	15	(7)	9	-	-	3	3	12
2002	441	(18)	1	424	(4)	3	46	45	469
2003	2,617	(274)	308	2,651	(24)	22	264	262	2,913
2004	1,320	209	501	2,030	(22)	20	208	206	2,236
2005	2	1	192	195	-	-	30	30	225
2006	265	(1)	203	467	(6)	5	50	49	516
2007	1,961	35	210	2,206	(33)	30	220	217	2,423
2008	235	146	264	645	(9)	8	66	65	710
2009	359	141	266	766	(12)	11	79	78	844
2010	188	76	237	501	(6)	4	51	49	550
2011	1,401	63	398	1,862	(27)	24	185	182	2,044
2012	2,836	(58)	603	3,381	(42)	40	334	332	3,713
2013	1,726	114	665	2,505	(23)	23	249	249	2,754
2014	6,796	(52	764	7,508	(60)	53	747	740	8,248
2015	5,810	589	1,072	7,471	(49)	44	781	776	8,247
2016	8,967	777	970	10,714	(58)	58	1,137	1,137	11,851
2017	8,106	2,187	881	11,174	(64)	64	1,252	1,252	12,426
2018	11,993	4,234	1,104	17,331	(113)	104	2,168	2,159	19,490
2019	22,635	8,229	1,841	32,705	(234)	216	4,063	4,045	36,750
PAYs (sub-total):	108,522	16,629	10,471	135,622	(937)	880	15,054	14,997	150,619
CAY (2020)	24,394	19,207	255	43,856	(337)	292	5,815	5,770	49,626
claims liabilities:	132,916	35,836	10,726	179,478	(1,274)	1,172	20,869	20,767	200,245
	Unearned Premium	Premium Deficiency / (DPAC)		Total Provision	discount	investment PfAD	development PfAD	Total apvs	TOTAL*
premium liabilities:	66,617	(5,900)		60,717	(253)	220	3,772	3,739	60,717
					*Total	may not be sur	n of parts, as apv	s apply to future o	osts within UP
policy liabilities:				240,195	(1,527)	1,392	24,641	24,506	260,962



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## EXHIBIT H-2

Projected Year-end Policy Liabilities

#### **Non-Private Passenger**

The table below presents the projected policy liabilities as at December 31, 2020 for Non-Private Passenger, broken down by component.

#### Newfoundland & Labrador

Non Private Passenger			Newfound	lland & Labrador -	Projected Balance	es as at Dec. 3	1, 2020 (\$000s)		
ending 2020		nomina	al values		actuar	ial present val	ue adjustments (	apvs)	
Acc Yr	Case	IBNR	Retro Claims Fee & Expense	Total Unpaid	discount	investment PfAD	development PfAD	Total apvs	TOTAL
prior	-	(1)	-	(1)	-	-	-	-	(1
2001	-	1	(1)	-	-	-	-	-	-
2002	-	1	-	1	-	-	-	-	1
2003	-	(1)	-	(1)	-	-	-	-	(1
2004	-	(1)	-	(1)	-	-	-	-	(1
2005	-	2	-	2	-	-	-	-	2
2006	-	3	1	4	-	-	-	-	4
2007	-	(1)	2	1	-	-	-	-	1
2008	-	-	3	3	-	-	-	-	3
2009	-	3	5	8	-	-	1	1	9
2010	-	2	9	11	-	-	1	1	12
2011	525	1	15	541	(12)	11	54	53	594
2012	3	-	24	27	-	-	2	2	29
2013	-	2	33	35	-	-	3	3	38
2014	12	-	45	57	-	-	6	6	63
2015	562	(96)	100	566	(4)	3	60	59	625
2016	727	106	104	937	(3)	3	98	98	1,035
2017	1,537	93	54	1,684	(8)	8	185	185	1,869
2018	2,056	234	139	2,429	(11)	11	261	261	2,690
2019	3,059	430	144	3,633	(18)	18	392	392	4,025
PAYs (sub-total):	8,481	778	677	9,936	(56)	54	1,063	1,061	10,997
CAY (2020)	2,814	1,257	(6)	4,065	(24)	24	447	447	4,512
claims liabilities:	11,295	2,035	671	14,001	(80)	78	1,510	1,508	15,50
	Unearned Premium	Premium Deficiency / (DPAC)		Total Provision	discount	investment PfAD	development PfAD	Total apvs	TOTAL*
premium liabilities:	4,630	(343)		4,287	(19)	18 *Total may not	271	270	4,287
						notar may hot	be sum of parts, as	apvs apply to futur	
policy liabilities:				18,288	(99)	96	1,781	1,778	19,796



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## EXHIBIT H-2

Projected Year-end Policy Liabilities

#### **Non-Private Passenger**

The table below presents the projected policy liabilities as at December 31, 2020 for Non-Private Passenger, broken down by component.

#### **New Brunswick**

Non Private Passenger			New	Brunswick - Proje	cted Balances as	at Dec. 31, 2020	D (\$000s)		
ending 2020		nomina	l 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	-	(6)	-	(6)	-	-	-	-	(6
2001	-	(2)	-	(2)	-	-	-	-	(2
2002	-	5	-	5	-	-	1	1	6
2003	-	(2)	1	(1)	-	-	-	-	(1
2004	-	-	-	-	-	-	-	-	-
2005	-	(6)	(15)	(21)	-	-	3	3	(18
2006	-	(5)	5	-	-	-	1	1	1
2007	-	3	9	12	-	-	1	1	13
2008	7	3	(2)	8	-	-	1	1	9
2009	-	7	9	16	-	-	2	2	18
2010	100	3	-	103	(2)	2	10	10	113
2011	93	(4)	36	125	(3)	3	13	13	138
2012	428	2	54	484	(3)	3	48	48	532
2013	998	(4)	50	1,044	(12)	11	103	102	1,146
2014	-	2	65	67	-	-	7	7	74
2015	382	(75)	136	443	(3)	3	49	49	492
2016	561	48	94	703	(6)	5	80	79	782
2017	469	513	118	1,100	(8)	7	117	116	1,216
2018	1,569	462	90	2,121	(19)	17	291	289	2,410
2019	3,217	767	150	4,134	(42)	38	557	553	4,687
PAYs (sub-total):	7,824	1,711	800	10,335	(98)	89	1,284	1,275	11,610
CAY (2020)	3,707	1,260	39	5,006	(45)	41	636	632	5,638
claims liabilities:	11,531	2,971	839	15,341	(143)	130	1,920	1,907	17,248
	Unearned Premium	Premium Deficiency / (DPAC)		Total Provision	discount	investment PfAD	development PfAD	Total apvs	TOTAL*
premium liabilities:	7,295	(554)		6,741	(25)	23	324	322	6,74
						*Total may not	be sum of parts, as	apvs apply to futur	e costs within UP
policy liabilities:				22,082	(168)	153	2,244	2,229	23,98



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# EXHIBIT H-2

Projected Year-end Policy Liabilities

#### **Non-Private Passenger**

The table below presents the projected policy liabilities as at December 31, 2020 for Non-Private Passenger, broken down by component.

#### Nova Scotia

Non Private Passenger			No	va Scotia - Project	ed Balances as at	Dec. 31, 2020 (	\$000s)		
ending 2020		nomina	al values		actuar	ial present valu	ue adjustments (	apvs)	
Acc Yr	Case	IBNR	Retro Claims Fee & Expense	Total Unpaid	discount	investment PfAD	development PfAD	Total apvs	TOTAL
prior	-	6	-	6	-	-	-	-	e
2001	-	1	-	1	-	-	-	-	1
2002	-	2	-	2	-	-	-	-	1
2003	-	(5)	-	(5)	-	-	1	1	(4
2004	-	5	-	5	-	-	1	1	e
2005	-	3	1	4	-	-	-	-	4
2006	-	(1)	2	1	-	-	-	-	1
2007	-	(4)	5	1	-	-	1	1	2
2008	-	(4)	5	1	-	-	1	1	1
2009	-	(6)	7	1	-	-	2	2	3
2010	-	(1)	16	15	-	-	2	2	17
2011	-	2	26	28	-	-	3	3	31
2012	-	(3)	40	37	-	-	4	4	41
2013	1,451	(69)	55	1,437	(23)	22	142	141	1,578
2014	262	(45)	61	278	(2)	2	28	28	306
2015	106	27	24	157	(2)	2	22	22	179
2016	1,396	49	90	1,535	(10)	10	165	165	1,700
2017	1,607	121	78	1,806	(11)	11	232	232	2,038
2018	2,268	573	93	2,934	(18)	18	377	377	3,311
2019	3,173	1,017	125	4,315	(30)	26	561	557	4,872
PAYs (sub-total):	10,263	1,668	628	12,559	(96)	91	1,542	1,537	14,096
CAY (2020)	4,450	3,337	(34)	7,753	(62)	55	987	980	8,733
claims liabilities:	14,713	5,005	594	20,312	(158)	146	2,529	2,517	22,829
·	Unearned Premium	Premium Deficiency / (DPAC)		Total Provision	discount	investment PfAD	development PfAD	Total apvs	TOTAL*
premium liabilities:	11,117	(812)		10,305	(41)	37	571	567	10,305
						*Iotal may not	be sum of parts, as	apvs apply to futur	e costs within UF
policy liabilities:				30,617	(199)	183	3,100	3,084	33,13



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# EXHIBIT H-2

Projected Year-end Policy Liabilities

#### **Non-Private Passenger**

The table below presents the projected policy liabilities as at December 31, 2020 for Non-Private Passenger, broken down by component.

#### **Prince Edward Island**

Non Private Passenger			Prince I	Edward Island - Pro	ojected Balances	as at Dec. 31, 2	020 (\$000s)		
ending 2020		nomina	al values		actuar	ial present valu	ue adjustments (	apvs)	
Acc Yr	Case	IBNR	Retro Claims Fee & Expense	Total Unpaid	discount	investment PfAD	development PfAD	Total apvs	TOTAL
prior	-	-	-	-	-	-	-	-	-
2001	-	1	-	1	-	-	-	-	:
2002	-	(1)	-	(1)	-	-	-	-	(
2003	-	(1)	-	(1)	-	-	-	-	(
2004	-	-	-	-	-	-	-	-	-
2005	-	-	-	-	-	-	-	-	-
2006	-	-	1	1	-	-	-	-	
2007	-	-	1	1	-	-	-	-	
2008	-	-	1	1	-	-	-	-	
2009	-	-	-	-	-	-	-	-	-
2010	-	(1	3	2	-	-	-	-	:
2011	-	1	5	6	-	-	1	1	
2012	299	-	8	307	(7)	6	30	29	33
2013	(3)	41	12	50	-	-	5	5	5!
2014	111	(1)	16	126	(3)	3	13	13	139
2015	-	16	15	31	(1)	-	8	7	3
2016	1,122	(45)	32	1,109	(12)	11	114	113	1,22
2017	(4)	256	17	269	(2)	2	33	33	30
2018	87	370	(9)	448	(3)	3	49	49	49
2019	322	594	19	935	(5)	5	114	114	1,049
PAYs (sub-total):	1,934	1,230	121	3,285	(33)	30	367	364	3,64
CAY (2020)	434	1,096	(3)	1,527	(9)	9	195	195	1,72
claims liabilities:	2,368	2,326	118	4,812	(42)	39	562	559	5,37
	Unearned Premium	Premium Deficiency / (DPAC)		Total Provision	discount	investment PfAD	development PfAD	Total apvs	TOTAL*
premium liabilities:	1,631	(124)		1,507	(7)	6	97	96 apvs apply to futur	1,50
					·		be sum or parts, as		
policy liabilities:				6,319	(49)	45	659	655	6,87



Projected Year-end Policy Liabilities

#### **Non-Private Passenger**

The table below presents the projected policy liabilities as at December 31, 2020 for Non-Private Passenger, broken down by component.

#### Ontario

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Non Private Passenger			0	Ontario - Projecteo	d Balances as at D	ec. 31, 2020 (\$0	000s)		
ending 2020		nomin	al values		actuar	rial present val	ue adjustments (	apvs)	
Acc Yr	Case	IBNR	Retro Claims Fee & Expense	Total Unpaid	discount	investment PfAD	development PfAD	Total apvs	TOTAL
prior	305	13	-	318	-	-	35	35	353
2001	-	(6)	(1)	(7)	-	-	1	1	(6
2002	-	7	-	7	-	-	1	1	8
2003	-	(12)	42	30	-	-	5	5	35
2004	1	(25)	80	56	-	-	10	10	66
2005	-	(1)	62	61	-	-	6	6	67
2006	(1)	18	76	93	-	-	10	10	103
2007	1	(2)	81	80	-	-	8	8	88
2008	-	(5)	74	69	-	-	8	8	77
2009	55	9	93	157	(3)	3	15	15	172
2010	32	4	132	168	(4)	4	17	17	185
2011	817	24	208	1,049	(10)	10	104	104	1,153
2012	81	(28)	329	382	(5)	4	38	37	419
2013	2,182	262	538	2,982	(29)	27	295	293	3,275
2014	1,957	74	675	2,706	(16)	16	270	270	2,976
2015	5,432	139	1,031	6,602	(32)	32	660	660	7,262
2016	4,090	827	793	5,710	(35)	35	628	628	6,338
2017	4,814	437	955	6,206	(38)	38	679	679	6,885
2018	7,391	3,010	1,431	11,832	(85)	73	1,640	1,628	13,460
2019	13,367	6,788	3,248	23,403	(187)	164	3,075	3,052	26,455
PAYs (sub-total):	40,524	11,533	9,847	61,904	(444)	406	7,505	7,467	69,371
CAY (2020)	12,089	14,702	919	27,710	(222)	195	4,551	4,524	32,234
claims liabilities:	52,613	26,235	10,766	89,614	(666)	601	12,056	11,991	101,605
	Unearned Premium	Premium Deficiency / (DPAC)		Total Provision	discount	investment PfAD	development PfAD	Total apvs	TOTAL*
premium liabilities:	63,471	(3,999)		59,472	(184)	146	2,078	2,040	59,472
						*Total may not	be sum of parts, as	apvs apply to future	e costs within UP
policy liabilities:				149,086	(850)	747	14,134	14,031	161,077



Projected Year-end Policy Liabilities

#### **Non-Private Passenger**

The table below presents the projected policy liabilities as at December 31, 2020 for Non-Private Passenger, broken down by component.

Alberta

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Non Private Passenger				Alberta - Projectec	l Balances as at D	ec. 31, 2020 (\$0	00s)		
ending 2020		nomina	al values		actuar	ial present valu	ue adjustments (	apvs)	
Acc Yr	Case	IBNR	Retro Claims Fee & Expense	Total Unpaid	discount	investment PfAD	development PfAD	Total apvs	TOTAL
prior	1	12	(2)	11	-	-	5	5	1
2001	1	10	-	11	-	-	1	1	1
2002	-	5	1	6	-	-	1	1	
2003	-	(5)	-	(5)	-	-	1	1	(
2004	33	21	1	55	(1)	1	5	5	6
2005	-	(3)	14	11	-	-	1	1	1
2006	-	(26)	10	(16)	-	-	4	4	(1
2007	28	10	7	45	(1)	1	5	5	5
2008	1	14	300	315	-	-	32	32	34
2009	42	6	216	264	(5)	5	27	27	29
2010	-	6	37	43	-	-	5	5	4
2011	1,163	22	14	1,199	(18)	17	118	117	1,31
2012	647	7	114	768	(8)	7	75	74	84
2013	1,804	190	175	2,169	(22)	20	215	213	2,38
2014	460	346	247	1,053	(6)	6	106	106	1,15
2015	4,471	(149)	232	4,554	(18)	18	459	459	5,01
2016	2,660	1,833	175	4,668	(23)	23	475	475	5,14
2017	4,785	2,593	268	7,646	(46)	46	761	761	8,40
2018	12,771	5,314	968	19,053	(128)	110	2,429	2,411	21,46
2019	20,376	9,019	1,068	30,463	(211)	180	3,692	3,661	34,12
PAYs (sub-total):	49,243	19,225	3,845	72,313	(487)	434	8,417	8,364	80,67
CAY (2020)	20,758	20,147	(988)	39,917	(319)	279	4,700	4,660	44,57
claims liabilities:	70,001	39,372	2,857	112,230	(806)	713	13,117	13,024	125,25
	Unearned Premium	Premium Deficiency / (DPAC)		Total Provision	discount	investment PfAD	development PfAD	Total apvs	TOTAL*
premium liabilities:	55,030	(4,237)		50,793	(227)	182	2,952	2,907	50,79
						*Total may not	be sum of parts, as	apvs apply to future	costs within UF
policy liabilities:				163,023	(1,033)	895	16,069	15,931	176,04



Projected Year-end Policy Liabilities

#### **Non-Private Passenger**

The table below presents the projected policy liabilities as at December 31, 2020 for Non-Private Passenger, broken down by component.

Yukon

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Non Private Passenger				Yukon - Projected	l Balances as at De	ec. 31 <i>,</i> 2020 (\$0	00s)		
nding 2020		nomina	l values		actuar	rial present val	ue adjustments (	apvs)	
Acc Yr	Case	IBNR	Retro Claims Fee & Expense	Total Unpaid	discount	investment PfAD	development PfAD	Total apvs	TOTAL
prior	-	1	-	1	-	-	-	-	
2001	-	-	-	-	-	-	-	-	-
2002	-	-	-	-	-	-	-	-	-
2003	-	-	-	-	-	-	-	-	-
2004	-	-	-	-	-	-	-	-	-
2005	-	-	-	-	-	-	-	-	-
2006	-	-	-	-	-	-	-	-	-
2007	-	-	-	-	-	-	-	-	-
2008	-	1	-	1	-	-	-	-	
2009	-	-	5	5	-	-	1	1	
2010	-	-	-	-	-	-	-	-	-
2011	-	-	2	2	-	-	-	-	
2012	-	1	3	4	-	-	-	-	
2013	-	1	4	5	-	-	-	-	
2014	-	7	5	12	-	-	2	2	:
2015	-	(15)	(27)	(42)	-	-	6	6	(
2016	-	24	(9)	15	-	-	4	4	
2017	(2)	66	(2)	62	-	-	14	14	
2018	375	86	21	482	(3)	3	63	63	5
2019	215	138	(4)	349	(3)	3	50	50	3
PAYs (sub-total):	588	310	(2)	896	(6)	6	140	140	1,0
CAY (2020)	90	431	(33)	488	(4)	3	63	62	5
claims liabilities:	678	741	(35)	1,384	(10)	9	203	202	1,5
	Unearned Premium	Premium Deficiency / (DPAC)		Total Provision	discount	investment PfAD	development PfAD	Total apvs	TOTAL*
remium liabilities:	785	(64)		721	(3)	2	39	38	7
						*Total may not	be sum of parts, as	apvs apply to future	e costs within (
policy liabilities:				2,105	(13)	11	242	240	2,3
poney hadrines.				2,100	(13)		242	2-10	2,



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# EXHIBIT H-2

Projected Year-end Policy Liabilities

#### **Non-Private Passenger**

The table below presents the projected policy liabilities as at December 31, 2020 for Non-Private Passenger, broken down by component.

#### **Northwest Territories**

Northwest Territories - Projected Balances as at Dec. 31, 2020 (\$000s) Non Private Passenger ending 2020 nominal values actuarial present value adjustments (apvs) **Retro Claims** investment development Total Unpaid TOTAL Case IBNR discount Total apvs Acc Yr Fee & Expense PfAD PfAD 2 prior 2 2 -2001 2002 2003 (1) (1) \_ (1) 2004 2005 --2006 1 1 1 -2007 2008 -2009 \_ \_ -2010 -1 1 1 2011 2 2 2 2012 3 3 3 2013 508 2 4 514 (4) 3 51 50 564 30 6 36 4 4 40 2014 --2015 13 (2) 11 2 13 2 167 26 (2) 20 20 220 2016 7 200 2 2017 (3) 82 3 82 10 10 92 2018 5 153 (5) 153 (1) 21 21 174 1 2019 373 200 578 60 60 638 5 (3 3 PAYs (sub-total): 1,050 509 23 1,582 (10) 9 168 167 1,749 CAY (2020) 222 301 (42 481 (5 67 66 547 4 13 claims liabilities: 1,272 810 (19) 2,063 (15) 235 233 2,296 Premium Total investment development Unearned Deficiency / discount Total apvs TOTAL\* Premium Provision PfAD PfAD (DPAC) 671 premium liabilities: 731 (60) 671 (2) 2 28 28 \*Total may not be sum of parts, as apvs apply to future costs within UPR policy liabilities: 2,734 (17) 15 263 261 2,967



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# EXHIBIT H-2

Projected Year-end Policy Liabilities

#### **Non-Private Passenger**

The table below presents the projected policy liabilities as at December 31, 2020 for Non-Private Passenger, broken down by component.

Nunavut

Ion Private Passenger			N	lunavut - Projecte	d Balances as at D	Dec. 31, 2020 (\$	000s)		
nding 2020		nomin	al values		actuar	ial present valu	ue adjustments (	apvs)	
Acc Yr	Case	IBNR	Retro Claims Fee & Expense	Total Unpaid	discount	investment PfAD	development PfAD	Total apvs	TOTAL
prior	-	-	-	-	-	-	-	-	-
2001	-	-	-	-	-	-	-	-	-
2002	-	-	-	-	-	-	-	-	
2003	-	-	-	-	-	-	-	-	-
2004	-	-	-	-	-	-	-	-	-
2005	-	-	-	-	-	-	-	-	-
2006	-	-	-	-	-	-	-	-	-
2007	-	-	-	-	-	-	-	-	-
2008	-	-	-	-	-	-	-	-	
2009	-	-	-	-	-	-	-	-	-
2010	-	-	-	-	-	-	-	-	
2011	-	-	1	1	-	-	-	-	
2012	-	-	2	2	-	-	-	-	
2013	-	-	2	2	-	-	-	-	
2014	-	167	3	170	(1)	1	17	17	1
2015	86	3	4	93	-	-	9	9	1
2016	-	15	4	19	-	-	2	2	
2017	(2)	48	5	51	-	-	6	6	
2018	41	61	1	103	(1)	1	13	13	1
2019	112	138	6	256	(1)	1	18	18	2
PAYs (sub-total):	237	432	28	697	(3)	3	65	65	7
CAY (2020)	32	152	(21)	163	(2)	1	23	22	
claims liabilities:	269	584	7	860	(5)	4	88	87	9
·	Unearned Premium	Premium Deficiency / (DPAC)		Total Provision	discount	investment PfAD	development PfAD	Total apvs	TOTAL*
remium liabilities:	392	(32		360	(1)	1	10	10	3
						*Total may not	be sum of parts, as	apvs apply to futur	e costs within
policy liabilities:				1,220	(6)	5	98	97	1,



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# EXHIBIT H-2

Projected Year-end Policy Liabilities

#### **Non-Private Passenger**

The table below presents the projected policy liabilities as at December 31, 2020 for Non-Private Passenger, broken down by component.

#### **All Jurisdictions**

Non Private Passenger			ALL JU	RISDICTIONS - Pro	jected Balances	as at Dec. 31, 20	020 (\$000s)		
ending 2020		nomina	l values		actuar	ial present valu	ue adjustments (a	apvs)	
Acc Yr	Case	IBNR	Retro Claims Fee & Expense	Total Unpaid	discount	investment PfAD	development PfAD	Total apvs	TOTAL
prior	306	27	(2)	331	-	-	40	40	37:
2001	1	5	(2)	4	-	-	2	2	(
2002	-	19	1	20	-	-	3	3	23
2003	-	(27)	43	16	-	-	7	7	23
2004	34	-	81	115	(1)	1	16	16	13:
2005	-	(5)	62	57	-	-	10	10	6
2006	(1)	(10)	95	84	-	-	15	15	99
2007	29	6	105	140	(1)	1	15	15	155
2008	8	9	381	398	-	-	42	42	440
2009	97	19	335	451	(8)	8	48	48	499
2010	132	14	197	343	(6)	6	35	35	378
2011	2,598	46	309	2,953	(43)	41	293	291	3,244
2012	1,458	(21)	577	2,014	(23)	20	197	194	2,208
2013	6,940	425	873	8,238	(90)	83	814	807	9,045
2014	2,802	580	1,123	4,505	(28)	28	453	453	4,958
2015	11,039	(137)	1,513	12,415	(60)	58	1,275	1,273	13,688
2016	10,723	2,883	1,290	14,896	(91)	89	1,586	1,584	16,480
2017	13,201	4,209	1,496	18,906	(113)	112	2,037	2,036	20,942
2018	26,563	10,263	2,729	39,555	(269)	237	5,144	5,112	44,667
2019	44,214	19,091	4,761	68,066	(500)	438	8,519	8,457	76,523
PAYs (sub-total):	120,144	37,396	15,967	173,507	(1,233)	1,122	20,551	20,440	193,947
CAY (2020)	44,596	42,683	(169)	87,110	(692)	611	11,669	11,588	98,698
claims liabilities:	164,740	80,079	15,798	260,617	(1,925)	1,733	32,220	32,028	292,64
	Unearned Premium	Premium Deficiency / (DPAC)		Total Provision	discount	investment PfAD	development PfAD	Total apvs	TOTAL*
premium liabilities:	145,082	(10,225)		134,857	(509)	417	6,370	6,278	134,85
					*Total	may not be sur	n of parts, as apv	s apply to future o	costs within UP
policy liabilities:				395,474	(2,434)	2,150	38,590	38,306	427,50



Projected Year-end Policy Liabilities

## TOTAL

# (Private Passenger & Non-Private Passenger)

The table below presents the projected policy liabilities for both business segments combined (i.e. Private Passenger plus Non-Private Passenger) as at December 31, 2020, broken down by component.

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# Newfoundland & Labrador

PPV & non-PPV			Newfound	lland & Labrador -	Projected Balanc	es as at Dec. 3	L, 2020 (\$000s)		
ending 2020		nomina	l values		actuar	ial present val	ue adjustments (	apvs)	
Acc Yr	Case	IBNR	Retro Claims Fee & Expense	Total Unpaid	discount	investment PfAD	development PfAD	Total apvs	TOTAL
prior	(1)	(6)	-	(7)	-	-	2	2	(5
2001	-	(3)	(6)	(9)	-	-	1	1	(8
2002	-	1	-	1	-	-	-	-	1
2003	-	-	1	1	-	-	-	-	1
2004	(1)	(11)	-	(12)	-	-	1	1	(11
2005	-	5	-	5	-	-	-	-	5
2006	-	4	3	7	-	-	-	-	7
2007	28	(4)	6	30	-	-	2	2	32
2008	93	3	10	106	(2)	1	11	10	116
2009	83	8	18	109	(2)	1	11	10	119
2010	(1)	(4)	38	33	-	-	5	5	38
2011	758	(6)	64	816	(18)	16	82	80	896
2012	1,276	(22)	114	1,368	(20)	19	134	133	1,501
2013	659	(9)	162	812	(10)	10	80	80	892
2014	1,184	(23)	212	1,373	(15)	13	137	135	1,508
2015	3,219	66	435	3,720	(29)	24	382	377	4,097
2016	4,682	139	416	5,237	(28)	28	539	539	5,776
2017	3,339	487	210	4,036	(22)	22	468	468	4,504
2018	6,973	1,128	504	8,605	(47)	47	920	920	9,525
2019	11,695	1,816	520	14,031	(80)	80	1,504	1,504	15,535
PAYs (sub-total):	33,986	3,569	2,707	40,262	(273)	261	4,279	4,267	44,529
CAY (2020)	11,615	3,727	(17)	15,325	(103)	92	1,677	1,666	16,991
claims liabilities:	45,601	7,296	2,690	55,587	(376)	353	5,956	5,933	61,520
	Unearned Premium	Premium Deficiency / (DPAC)		Total Provision	discount	investment PfAD	development PfAD	Total apvs	TOTAL*
premium liabilities:	18,251	(1,760)		16,491	(85)	71	1,125	1,111	16,491
						*Total may not	be sum of parts, as	apvs apply to futur	e costs within UP
policy liabilities:				72,078	(461)	424	7,081	7,044	78,01



Projected Year-end Policy Liabilities

## TOTAL

## (Private Passenger & Non-Private Passenger)

The table below presents the projected policy liabilities for both business segments combined (i.e. Private Passenger plus Non-Private Passenger) as at December 31, 2020, broken down by component.

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# New Brunswick

PPV & non-PPV			New	Brunswick - Proje	cted Balances as	at Dec. 31, 202	0 (\$000s)		
ending 2020		nomina	I values		actuar	rial present val	ue adjustments (	apvs)	
Acc Yr	Case	IBNR	Retro Claims Fee & Expense	Total Unpaid	discount	investment PfAD	development PfAD	Total apvs	TOTAL
prior	-	12	-	12	-	-	2	2	14
2001	-	(3)	-	(3)	-	-	-	-	(3
2002	(1)	(5)	(1)	(7)	-	-	2	2	(5
2003	209	1	3	213	-	-	21	21	234
2004	-	1	1	2	-	-	-	-	2
2005	1	3	(32)	(28)	-	-	6	6	(22
2006	-	(14)	12	(2)	-	-	3	3	1
2007	-	(5)	19	14	-	-	3	3	17
2008	8	19	(5)	22	-	-	3	3	25
2009	-	15	20	35	-	-	4	4	39
2010	220	(5)	-	215	(4)	3	21	20	235
2011	120	12	83	215	(3)	3	22	22	237
2012	626	62	125	813	(5)	5	81	81	894
2013	1,090	45	119	1,254	(13)	12	124	123	1,377
2014	547	149	160	856	(6)	5	86	85	941
2015	2,048	88	352	2,488	(11)	11	259	259	2,747
2016	2,175	578	242	2,995	(18)	17	323	322	3,317
2017	1,894	1,522	296	3,712	(24)	23	390	389	4,101
2018	3,584	2,110	209	5,903	(46)	40	795	789	6,692
2019	4,686	3,631	333	8,650	(79)	69	1,157	1,147	9,797
PAYs (sub-total):	17,207	8,216	1,936	27,359	(209)	188	3,302	3,281	30,640
CAY (2020)	6,214	4,752	87	11,053	(99)	89	1,422	1,412	12,465
claims liabilities:	23,421	12,968	2,023	38,412	(308)	277	4,724	4,693	43,105
	Unearned Premium	Premium Deficiency / (DPAC)		Total Provision	discount	investment PfAD	development PfAD	Total apvs	TOTAL*
premium liabilities:	16,023	(1,497)		14,526	(61)	51	805	795	14,526
						*Total may not	be sum of parts, as	apvs apply to futur	e costs within UP
policy liabilities:				52,938	(369)	328	5,529	5,488	57,633



Projected Year-end Policy Liabilities

## TOTAL

# (Private Passenger & Non-Private Passenger)

The table below presents the projected policy liabilities for both business segments combined (i.e. Private Passenger plus Non-Private Passenger) as at December 31, 2020, broken down by component.

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### Nova Scotia

PPV & non-PPV			No	va Scotia - Project	ed Balances as at	: Dec. 31, 2020 (	\$000s)		
ending 2020		nomina	al values		actuar	rial present val	ue adjustments (	apvs)	
Acc Yr	Case	IBNR	Retro Claims Fee & Expense	Total Unpaid	discount	investment PfAD	development PfAD	Total apvs	TOTAL
prior	-	9	(1)	8	-	-	2	2	1
2001	-	4	-	4	-	-	-	-	
2002	1	13	1	15	-	-	1	1	1
2003	(1)	(11)	-	(12)	-	-	2	2	(1
2004	14	8	(2)	20	-	-	3	3	2
2005	-	19	3	22	-	-	2	2	2
2006	-	(5)	13	8	-	-	1	1	
2007	(1)	(15)	26	10	-	-	4	4	14
2008	-	8	22	30	-	-	4	4	3
2009	218	6	23	247	(4)	4	27	27	27-
2010	14	6	38	58	-	-	6	6	6
2011	-	7	53	60	(1)	-	7	6	6
2012	-	(5)	76	71	(1)	1	8	8	7
2013	1,519	(72)	100	1,547	(25)	24	154	153	1,70
2014	650	(48)	107	709	(5)	4	71	70	77
2015	287	21	42	350	(3)	3	47	47	39
2016	2,128	(208)	154	2,074	(12)	12	227	227	2,30
2017	2,433	356	135	2,924	(16)	16	380	380	3,30
2018	3,927	924	170	5,021	(31)	31	649	649	5,67
2019	7,254	1,769	256	9,279	(65)	61	1,219	1,215	10,49
PAYs (sub-total):	18,443	2,786	1,216	22,445	(163)	156	2,814	2,807	25,25
CAY (2020)	8,072	6,101	(64)	14,109	(107)	92	1,825	1,810	15,91
claims liabilities:	26,515	8,887	1,152	36,554	(270)	248	4,639	4,617	41,17
	Unearned Premium	Premium Deficiency / (DPAC)		Total Provision	discount	investment PfAD	development PfAD	Total apvs	TOTAL*
premium liabilities:	21,479	(1,941)		19,538	(74)	67	1,200	1,193	19,53
						*Total may not	be sum of parts, as	apvs apply to futur	e costs within UF
policy liabilities:				56,092	(344)	315	5,839	5,810	60,70



Projected Year-end Policy Liabilities

## TOTAL

# (Private Passenger & Non-Private Passenger)

The table below presents the projected policy liabilities for both business segments combined (i.e. Private Passenger plus Non-Private Passenger) as at December 31, 2020, broken down by component.

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# **Prince Edward Island**

PPV & non-PPV			Prince I	Edward Island - Pro	jected Balances	as at Dec. 31, 2	020 (\$000s)		
ending 2020		nomina	l values		actuar	ial present val	ue adjustments (a	apvs)	
Acc Yr	Case	IBNR	Retro Claims Fee & Expense	Total Unpaid	discount	investment PfAD	development PfAD	Total apvs	TOTAL
prior	-	(2)	-	(2)	-	-	-	-	(2
2001	-	-	-	-	-	-	-	-	-
2002	-	-	-	-	-	-	-	-	-
2003	-	(2)	-	(2)	-	-	-	-	(2
2004	-	4	-	4	-	-	-	-	4
2005	-	(4)	-	(4)	-	-	-	-	(4
2006	-	-	6	6	-	-	1	1	7
2007	-	(1)	2	1	-	-	-	-	1
2008	-	(1)	3	2	-	-	-	-	2
2009	-	-	-	-	-	-	-	-	-
2010	-	(1)	7	6	-	-	-	-	6
2011	-	-	13	13	-	-	2	2	15
2012	299	-	22	321	(7)	6	31	30	351
2013	(3)	39	31	67	-	-	7	7	74
2014	111	(1)	40	150	(3)	3	15	15	165
2015	940	23	35	998	(10)	8	110	108	1,106
2016	1,428	(13)	81	1,496	(14)	13	157	156	1,652
2017	1,311	117	41	1,469	(8)	8	162	162	1,63
2018	210	690	(20)	880	(6)	6	101	101	981
2019	932	717	40	1,689	(10)	9	218	217	1,906
PAYs (sub-total):	5,228	1,565	301	7,094	(58)	53	804	799	7,893
CAY (2020)	1,050	1,489	(7)	2,532	(18)	17	337	336	2,868
claims liabilities:	6,278	3,054	294	9,626	(76)	70	1,141	1,135	10,76
	Unearned Premium	Premium Deficiency / (DPAC)		Total Provision	discount	investment PfAD	development PfAD	Total apvs	TOTAL*
premium liabilities:	3,155	(290)		2,865	(12)	10	177	175	2,86
						*Total may not	be sum of parts, as	apvs apply to future	e costs within UF
policy liabilities:				12,491	(88)	80	1,318	1,310	13,626



Projected Year-end Policy Liabilities

## TOTAL

### (Private Passenger & Non-Private Passenger)

The table below presents the projected policy liabilities for both business segments combined (i.e. Private Passenger plus Non-Private Passenger) as at December 31, 2020, broken down by component.

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PPV & non-PPV			(	Ontario - Projecteo	l Balances as at D	ec. 31, 2020 (\$0	00s)		
ending 2020		nomina	al values		actuar	ial present valu	ue adjustments (	apvs)	
Acc Yr	Case	IBNR	Retro Claims Fee & Expense	Total Unpaid	discount	investment PfAD	development PfAD	Total apvs	TOTAL
prior	31,170	212	1	31,383	(151)	151	3,136	3,136	34,519
2001	-	-	(3)	(3)	-	-	2	2	(
2002	443	(1)	(1)	441	(4)	3	44	43	48
2003	2,404	(341)	347	2,410	(24)	22	241	239	2,64
2004	1,309	213	579	2,101	(22)	20	212	210	2,31
2005	1	(29)	254	226	-	-	28	28	25
2006	256	21	249	526	(6)	5	53	52	57
2007	1,932	50	253	2,235	(33)	30	220	217	2,45
2008	141	102	232	475	(7)	7	49	49	52
2009	113	133	253	499	(9)	9	49	49	54
2010	87	90	304	481	(8)	7	48	47	52
2011	1,837	59	462	2,358	(30)	29	232	231	2,58
2012	1,103	(149)	679	1,633	(24)	22	161	159	1,79
2013	2,992	278	880	4,150	(39)	37	411	409	4,55
2014	5,467	(164)	1,026	6,329	(48)	45	629	626	6,95
2015	5,690	302	1,483	7,475	(37)	37	751	751	8,22
2016	4,926	1,021	1,139	7,086	(43)	43	792	792	7,87
2017	5,963	675	1,372	8,010	(49)	49	885	885	8,89
2018	9,398	3,363	1,867	14,628	(106)	90	2,050	2,034	16,66
2019	19,455	8,647	4,267	32,369	(259)	227	4,254	4,222	36,59
PAYs (sub-total):	94,687	14,482	15,643	124,812	(899)	833	14,247	14,181	138,99
CAY (2020)	19,612	22,869	1,319	43,800	(351)	307	6,986	6,942	50,74
claims liabilities:	114,299	37,351	16,962	168,612	(1,250)	1,140	21,233	21,123	189,73
	Unearned Premium	Premium Deficiency / (DPAC)		Total Provision	discount	investment PfAD	development PfAD	Total apvs	TOTAL*
premium liabilities:	90,217	(5,630)		84,587	(284)	239	3,584	3,539	84,58
						*Total may not	be sum of parts, as	apvs apply to future	e costs within U
policy liabilities:				253,199	(1,534)	1,379	24,817	24,662	274,32

#### Ontario



Projected Year-end Policy Liabilities

## TOTAL

## (Private Passenger & Non-Private Passenger)

The table below presents the projected policy liabilities for both business segments combined (i.e. Private Passenger plus Non-Private Passenger) as at December 31, 2020, broken down by component.

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PPV & non-PPV	Alberta - Projected Balances as at Dec. 31, 2020 (\$000s)									
ending 2020		nomina	l values		actuar	ial present valu	ue adjustments (	apvs)		
Acc Yr	Case	IBNR	Retro Claims Fee & Expense	Total Unpaid	discount	investment PfAD	development PfAD	Total apvs	TOTAL	
prior	-	12	(4)	8	-	-	19	19	2	
2001	2	20	-	22	-	-	2	2	2	
2002	(2)	(7)	3	(6)	-	-	2	2	(	
2003	5	51	-	56	-	-	7	7	e	
2004	32	(4)	4	32	(1)	1	8	8	4	
2005	-	2	29	31	-	-	4	4	3	
2006	8	(15)	15	8	-	-	7	7	1	
2007	31	19	9	59	(1)	1	6	6	6	
2008	1	20	383	404	-	-	41	41	44	
2009	42	(2)	275	315	(5)	5	34	34	34	
2010	-	4	47	51	-	-	6	6	5	
2011	1,284	37	18	1,339	(18)	17	132	131	1,47	
2012	830	26	143	999	(8)	7	98	97	1,09	
2013	1,901	244	218	2,363	(22)	20	234	232	2,59	
2014	1,639	396	303	2,338	(10)	10	235	235	2,57	
2015	4,579	(83)	280	4,776	(19)	19	482	482	5,25	
2016	4,184	2,028	206	6,418	(32)	32	651	651	7,06	
2017	5,058	2,950	309	8,317	(50)	50	828	828	9,14	
2018	14,041	5,640	1,090	20,771	(139)	120	2,653	2,634	23,40	
2019	21,963	9,858	1,170	32,991	(230)	197	4,024	3,991	36,98	
PAYs (sub-total):	55,598	21,196	4,498	81,292	(535)	479	9,473	9,417	90,70	
CAY (2020)	21,769	21,562	(1,068)	42,263	(335)	293	4,981	4,939	47,20	
claims liabilities:	77,367	42,758	3,430	123,555	(870)	772	14,454	14,356	137,91	
	Unearned Premium	Premium Deficiency / (DPAC)		Total Provision	discount	investment PfAD	development PfAD	Total apvs	TOTAL*	
premium liabilities:	59,232	(4,695)		54,537	(237)	191	3,112	3,066	54,53	
						*Iotal may not	be sum of parts, as	apvs apply to futur	e costs within U	
policy liabilities:				178,092	(1,107)	963	17,566	17,422	192,4	

#### Alberta



Projected Year-end Policy Liabilities

# TOTAL

## (Private Passenger & Non-Private Passenger)

The table below presents the projected policy liabilities for both business segments combined (i.e. Private Passenger plus Non-Private Passenger) as at December 31, 2020, broken down by component.

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PPV & non-PPV				Yukon - Projected	Balances as at De	ec. 31, 2020 (\$0	00s)		
ending 2020		nominal	values		actuar	ial present valu	ue adjustments (	apvs)	
Acc Yr	Case	IBNR	Retro Claims ee & Expense	Total Unpaid	discount	investment PfAD	development PfAD	Total apvs	TOTAL
prior	-	4	-	4	-	-	-	-	4
2001	-	1	-	1	-	-	-	-	
2002	-	-	-	-	-	-	-	-	-
2003	-	1	-	1	-	-	-	-	
2004	-	-	-	-	-	-	-	-	-
2005	-	-	-	-	-	-	-	-	-
2006	-	-	-	-	-	-	-	-	-
2007	-	-	-	-	-	-	-	-	-
2008	-	-	-	-	-	-	-	-	-
2009	-	-	12	12	-	-	2	2	1
2010	-	-	-	-	-	-	-	-	-
2011	-	1	3	4	-	-	-	-	
2012	-	3	5	8	-	-	-	-	
2013	-	5	7	12	-	-	-	-	1
2014	-	13	9	22	-	-	3	3	2
2015	-	(4)	(45)	(49)	-	-	10	10	(3
2016	-	37	(13)	24	-	-	6	6	3
2017	845	83	(2)	926	(5)	5	101	101	1,02
2018	375	154	26	555	(3)	3	72	72	62
2019	265	212	(5)	472	(4)	4	65	65	53
PAYs (sub-total):	1,485	510	(3)	1,992	(12)	12	259	259	2,25
CAY (2020)	40	593	(40)	593	(5)	4	77	76	66
claims liabilities:	1,525	1,103	(43)	2,585	(17)	16	336	335	2,93
	Unearned Premium	Premium Deficiency / (DPAC)		Total Provision	discount	investment PfAD	development PfAD	Total apvs	TOTAL*
premium liabilities:	1,009	(88)		921	(4)	3	52	51	9:
						*Total may not	be sum of parts, as	apvs apply to futur	e costs within U
policy liabilities:				3,506	(21)	19	388	386	3,8



Projected Year-end Policy Liabilities

## TOTAL

## (Private Passenger & Non-Private Passenger)

The table below presents the projected policy liabilities for both business segments combined (i.e. Private Passenger plus Non-Private Passenger) as at December 31, 2020, broken down by component.

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# Northwest Territories

PPV & non-PPV			Northw	est Territories - Pro	ojected Balances	as at Dec. 31, 2	2020 (\$000s)		
ending 2020		nominal	values		actuar	ial present val	ue adjustments (	apvs)	
Acc Yr	Case	IBNR	Retro Claims Fee & Expense	Total Unpaid	discount	investment PfAD	development PfAD	Total apvs	TOTAL
prior	-	2	-	2	-	-	-	-	2
2001	-	1	-	1	-	-	-	-	1
2002	-	1	-	1	-	-	-	-	:
2003	-	-	-	-	-	-	-	-	-
2004	-	(2)	-	(2)	-	-	-	-	(2
2005	-	-	-	-	-	-	-	-	-
2006	-	(2)	-	(2)	-	-	-	-	(2
2007	-	(3)	-	(3)	-	-	-	-	(3
2008	-	3	-	3	-	-	-	-	3
2009	-	-	-	-	-	-	-	-	-
2010	-	-	-	-	-	-	-	-	-
2011	-	(1)	8	7	-	-	1	1	
2012	-	5	12	17	-	-	2	2	19
2013	508	8	16	532	(4)	3	53	52	584
2014	-	38	23	61	-	-	7	7	6
2015	-	34	(5)	29	-	-	6	6	3!
2016	167	58	27	252	(2)	2	25	25	27
2017	466	148	9	623	(3)	3	68	68	69:
2018	7	417	(14)	410	(3)	3	58	58	46
2019	487	509	14	1,010	(6)	6	120	120	1,130
PAYs (sub-total):	1,635	1,216	90	2,941	(18)	17	340	339	3,280
CAY (2020)	579	622	(99)	1,102	(9)	8	153	152	1,25
claims liabilities:	2,214	1,838	(9)	4,043	(27)	25	493	491	4,53
	Unearned Premium	Premium Deficiency / (DPAC)		Total Provision	discount	investment PfAD	development PfAD	Total apvs	TOTAL*
premium liabilities:	1,850	(182)		1,668	(4)	4		75	1,66
						*Total may not	be sum of parts, as	apvs apply to futur	e costs within U
policy liabilities:				5,711	(31)	29	568	566	6,202



Projected Year-end Policy Liabilities

# TOTAL

## (Private Passenger & Non-Private Passenger)

The table below presents the projected policy liabilities for both business segments combined (i.e. Private Passenger plus Non-Private Passenger) as at December 31, 2020, broken down by component.

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PPV & non-PPV	Nunavut - Projected Balances as at Dec. 31, 2020 (\$000s)									
ending 2020		nomina	al values		actuar	ial present val	ue adjustments (	apvs)		
Acc Yr	Case	IBNR	Retro Claims Fee & Expense	Total Unpaid	discount	investment PfAD	development PfAD	Total apvs	TOTAL	
prior	-	-	-	-	-	-	-	-	-	
2001	-	-	-	-	-	-	-	-	-	
2002	-	(1)	-	(1)	-	-	-	-	(	
2003	-	-	-	-	-	-	-	-	-	
2004	-	-	-	-	-	-	-	-	-	
2005	-	-	-	-	-	-	-	-	-	
2006	-	-	-	-	-	-	-	-	-	
2007	-	-	-	-	-	-	-	-	-	
2008	-	1	-	1	-	-	-	-		
2009	-	-	-	-	-	-	-	-	-	
2010	-	-	-	-	-	-	-	-	-	
2011	-	-	3	3	-	-	-	-		
2012	160	1	4	165	-	-	16	16	18	
2013	-	1	5	6	-	-	-	-		
2014	-	168	7	175	(1)	1	17	17	19	
2015	86	5	8	99	-	-	9	9	10	
2016	-	20	8	28	-	-	3	3	3	
2017	(2)	58	7	63	-	-	7	7	7	
2018	41	71	1	113	(1)	1	14	14	12	
2019	112	161	7	280	(1)	1	21	21	30	
PAYs (sub-total):	397	485	50	932	(3)	3	87	87	1,01	
CAY (2020)	39	175	(25)	189	(2)	1	26	25	21	
claims liabilities:	436	660	25	1,121	(5)	4	113	112	1,23	
	Unearned Premium	Premium Deficiency / (DPAC)		Total Provision	discount	investment PfAD	development PfAD	Total apvs	TOTAL*	
premium liabilities:	483	(42)		441	(1)	1	12	12	44	
						~iotal may not	be sum of parts, as	apvs apply to futur	e costs within U	
policy liabilities:				1,562	(6)	5	125	124	1,67	

#### Nunavut



Projected Year-end Policy Liabilities

## TOTAL

# (Private Passenger & Non-Private Passenger)

The table below presents the projected policy liabilities for both business segments combined (i.e. Private Passenger plus Non-Private Passenger) as at December 31, 2020, broken down by component.

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# **All Jurisdictions**

PPV & non-PPV			ALL JU	RISDICTIONS - Pro	jected Balances a	as at Dec. 31, 20	)20 (\$000s)		
ending 2020		nomina	l values		actuar	ial present valu	ue adjustments (	apvs)	
Acc Yr	Case	IBNR	Retro Claims Fee & Expense	Total Unpaid	discount	investment PfAD	development PfAD	Total apvs	TOTAL
prior	31,169	243	(4)	31,408	(151)	151	3,161	3,161	34,56
2001	2	20	(9)	13	-	-	5	5	1
2002	441	1	2	444	(4)	3	49	48	493
2003	2,617	(301)	351	2,667	(24)	22	271	269	2,93
2004	1,354	209	582	2,145	(23)	21	224	222	2,36
2005	2	(4)	254	252	-	-	40	40	292
2006	264	(11)	298	551	(6)	5	65	64	61
2007	1,990	41	315	2,346	(34)	31	235	232	2,57
2008	243	155	645	1,043	(9)	8	108	107	1,150
2009	456	160	601	1,217	(20)	19	127	126	1,343
2010	320	90	434	844	(12)	10	86	84	92
2011	3,999	109	707	4,815	(70)	65	478	473	5,28
2012	4,294	(79)	1,180	5,395	(65)	60	531	526	5,92
2013	8,666	539	1,538	10,743	(113)	106	1,063	1,056	11,79
2014	9,598	528	1,887	12,013	(88)	81	1,200	1,193	13,20
2015	16,849	452	2,585	19,886	(109)	102	2,056	2,049	21,93
2016	19,690	3,660	2,260	25,610	(149)	147	2,723	2,721	28,33
2017	21,307	6,396	2,377	30,080	(177)	176	3,289	3,288	33,36
2018	38,556	14,497	3,833	56,886	(382)	341	7,312	7,271	64,15
2019	66,849	27,320	6,602	100,771	(734)	654	12,582	12,502	113,27
PAYs (sub-total):	228,666	54,025	26,438	309,129	(2,170)	2,002	35,605	35,437	344,56
CAY (2020)	68,990	61,890	86	130,966	(1,029)	903	17,484	17,358	148,324
claims liabilities:	297,656	115,915	26,524	440,095	(3,199)	2,905	53,089	52,795	492,890
	Unearned Premium	Premium Deficiency / (DPAC)		Total Provision	discount	investment PfAD	development PfAD	Total apvs	TOTAL*
premium liabilities:	211,699	(16,125)		195,574	(762)	637	10,142	10,017	195,574
						*Total may not	be sum of parts, as	apvs apply to future	e costs within UF
policy liabilities:				635,669	(3,961)	3,542	63,231	62,812	688,46