

# FACILITY ASSOCIATION RESIDUAL MARKET

# **JUNE 2020 PARTICIPATION REPORT**

# **ACTUARIAL HIGHLIGHTS**

Related Bulletin: F2020-056 FARM June 2020 Participation Report

Related Operating Results: **Summary of Operations** 

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

Should you require any further information, please call Aidan Chen, AVP Data & Analytics at (416) 863-1750 x 4804.



# **ACTUARIAL HIGHLIGHTS**

# RESIDUAL MARKET

# PARTICIPATION REPORT JUNE 2020

# TABLE OF CONTENTS

| 1 | Sun   | mary  |  |  |  |  |  |
|---|---|---|--|--|--|--|--|
|   | 1.1<br>1.2  | Valuation Schedule (Fiscal Year 2020)  New Valuation  |  |  |  |  |  |
|   |   | 1.2.aValuation ResultsError! Bookmark not defined1.2.bValuation ImplementationError! Bookmark not defined |  |  |  |  |  |
|   | 1.3<br>1.4<br>1.5<br>1.6                            | Appointed Actuary and Hybrid Actuarial Services Model   |  |  |  |  |  |
| 2 | Acti  | vity During the Month of June 2020  |  |  |  |  |  |
|   | 2.1   | Recorded Premium and Claims Activity  |  |  |  |  |  |
|   |   | 2.1.aActual vs. Projected (AvsP): Earned Premium2.1.bAvsP: Recorded Indemnity2.1.cAvsP: Paid Indemnity    |  |  |  |  |  |
|   | 2.2   | Actuarial Provisions  |  |  |  |  |  |
| 3 | Ulti  | mate Loss Ratio Matching Method1  |  |  |  |  |  |
| 4 | Cale  | endar Year-to-Date Results10  |  |  |  |  |  |
| 5 | Current Participation Report - Additional Exhibits1 |   |  |  |  |  |  |
| 6 | FYHIRITS 1  |   |  |  |  |  |  |



# 1 Summary

Key points related to this month's Highlights:

- (a) The loss ratios currently being used include an initial assessment of the incurred impacts associated with the COVID-19 pandemic, with a further review and assessment to be included with the FARM 2020 Q2 actuarial valuation update (as at June 2020);
- (b) The Prior Accident Years overall paid activity was higher than projected this month, the activity was reviewed at jurisdiction and business segment level and attributed to multiple large claim settlements which have been confirmed by our Servicing Carriers;
- (c) Further to the implementation of the 2020 Q1 valuation included with last month's participation results (May 2020), we have investigated an error in the selected claim development margins for adverse deviations for the New Brunswick Private Passenger Vehicles business segment, related to a non-updated linked spreadsheet, and a correction has been made in the current month's Participation Report (June 2020). This update resulted in an \$83 thousand favourable impact on the month's results and a \$131 thousand favourable impact on the year-end projected results. Management has reviewed the error and additional valuation controls have been implemented;
- (d) We are currently investigating a Servicing Carrier case reserve claims reporting difference between trial balance and automobile statistical plan reporting with the current month's Participation Report (June 2020). Because Facility Association uses an ultimate loss ratio matching (IBNR booking) approach with the monthly participation results calculations (recorded activity is assumed to be offset by changes in IBNR), there is no impact on this month's Operating Results. Any impact arising from investigation of the difference will be included with the FARM 2020 Q2 valuation update (as at June 2020) which will be reflected in the August 2020 Participation.

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

The June 2020 Participation Report reflects the results of a correction in the selected claim development margins for New Brunswick Private Passenger Vehicles business segment only and leverages the rest of the actuarial assumptions consistent with last month - the impact of the Claim Development Margins correction is discussed in section 1.2. The following table summarizes the implemented valuations for fiscal year 2020.

|                              | FARM FISCAL YEAR 2020 – SCHEDULE OF VALUATIONS |                         |  |  |  |  |  |
|------------------------------|--|-------------------------|--|--|--|--|--|
| Valuation<br>Date            | Discount<br>Rate<br>(per annum)                | Participation<br>Report | Description of Changes   |  |  |  |  |
| Sep. 30, 2019<br>(completed) | 1.46%<br>mfad: 25 bp                           | Oct. 2019               | updated valuation (roll forward): all<br>jurisdictions; cash flow projections updated;<br>discount rate updated; no changes to selected<br>margins for adverse deviations (interest rate or<br>claims development) |  |  |  |  |



|                              | FARM<br>FISCAL YEAR 2020 – SCHEDULE OF VALUATIONS |                         |   |  |  |  |
|------------------------------|---|-------------------------|---|--|--|--|
| Valuation<br>Date            | Discount<br>Rate<br>(per annum)                   | Participation<br>Report | Description of Changes  |  |  |  |
| Dec. 31, 2019<br>(completed) | 1.64%<br>mfad: 25 bp                              | Mar. 2020               | updated valuation: all jurisdictions; cash flow<br>projections updated; discount rate updated; no<br>changes to selected margins for adverse<br>deviations (interest rate or claims development).               |  |  |  |
| Mar. 31, 2020<br>(completed) | 0.66%<br>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                | %<br>mfad: bp                                     | Aug. 2020               | update valuation  |  |  |  |
| Sep. 30, 2020                | %<br>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. However, with disruption in the insurance environment from the COVID-19 pandemic, the current valuation quarter (ending March 31, 2020) includes a partial update of key assumptions to reflect this impact. Other assumptions will continue and be rolled-forward from the previous valuation. All valuations are proposed to include all jurisdictions and business segments (private passenger and non-private passenger).

## 1.2 Claim Development Margins Correction (NB PPV)

Further to the implementation of the 2020 Q1 valuation included with **last month's participation results** (**May 2020**), we have **investigated an error** in the selected claim development margins for adverse deviations for New Brunswick Private Passenger Vehicles business segment, related to a non-updated linked spreadsheet, and a correction was included in the current month's (June 2020) result. The claim development margins update resulted in an **estimated overall \$83 thousand favourable impact** on the month's Operating Result and a \$131 thousand favourable impact on year-end projected results (no change in the Combined Operating Ratio – note the 0% impact on the tables to the right), as summarized in the following tables. Management has reviewed the error and additional valuation controls have been implemented



NB-PPV Claim Development MfAD Correction (\$000s) – Impact on Year-to-date Results

| <b>Grand Total</b> | unfav / <mark>(fav)</mark>        |          |         |           |          |       | ytd EP                      | 186,657     | (actual)     |              |           |       |
|--------------------|-----------------------------------|----------|---------|-----------|----------|-------|-----------------------------|-------------|--------------|--------------|-----------|-------|
|                    | IMPACT in \$000s from changes in: |          |         |           |          |       |                             | IPACT unfav | / (fav) as 9 | % ytd EP fro | m changes | in:   |
|                    | ultimates & payout patterns       |          |         | dsct rate | margins  |       | ultimates & payout patterns |             |              | dsct rate    | margins   |       |
|                    | nominal                           | apv adj. | sub-tot | apv adj.  | apv adj. | TOTAL | nominal                     | apv adj.    | sub-tot      | apv adj.     | apv adj.  | TOTAL |
|                    | [1]                               | [2]      | [3]     | [4]       | [5]      | [6]   | [1]                         | [2]         | [3]          | [4]          | [5]       | [6]   |
| PAYs               | -                                 | -        | -       | -         | (51)     | (51)  | -                           | -           | -            | -            | -         | -     |
| CAY                | -                                 | -        | -       | -         | (32)     | (32)  | -                           | -           | -            | -            | -         | -     |
| Prem Def           |                                   | -        | -       | -         | -        |       |                             | -           | -            | -            | -         | -     |
| TOTAL              | -                                 | -        | _       | -         | (83)     | (83)  | _                           | -           |              | -            | -         | -     |

NB-PPV Claim Development MfAD Correction (\$000s) – Impact on Year-end Projected Results

| <b>Grand Total</b> | unfav / (fav) projected for full year         |          |         |          |          |          | year EP    | 384,351    | (current p   | rojection)    |            |        |
|--------------------|---|----------|---------|----------|----------|----------|------------|------------|--------------|---------------|------------|--------|
|                    | IMPACT in \$000s from changes in:             |          |         |          |          |          |            | CT unfav / | (fav) as % f | ull year EP f | rom change | es in: |
|                    | ultimates & payout patterns dsct rate margins |          |         |          |          | ultimate | s & payout | patterns   | dsct rate    | margins       |            |        |
|                    | nominal                                       | apv adj. | sub-tot | apv adj. | apv adj. | TOTAL    | nominal    | apv adj.   | sub-tot      | apv adj.      | apv adj.   | TOTAL  |
|                    | [1]   | [2]      | [3]     | [4]      | [5]      | [6]      | [1]        | [2]        | [3]          | [4]           | [5]        | [6]    |
| PAYs               | -   | -        | -       | -        | (44)     | (44)     | -          | -          | -            | -             | -          | -      |
| CAY                | -   | -        | -       | -        | (87)     | (87)     | -          | -          | -            | -             | -          | -      |
| Prem Def           |   | -        | -       | -        | -        | -        |            | -          | -            | -             | -          | -      |
| TOTAL              | -   | -        | -       | -        | (131)    | (131)    | -          | -          | -            | -             | -          | -      |

# 1.3 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.

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

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 June 4, 2015. Bill 91 announced a number of amendments to regulations made under the Insurance Act, including updating the Catastrophic Impairment Definition and changes to the standard benefit level under the Statutory Accident Benefits Schedule (SABS); restrictions on insurance premium increases and lowering of the maximum interest rate charged on monthly auto insurance premium payments; and adjustments to the monetary threshold beyond which the tort deductible does not apply to reflect inflation (adjustments to reflect inflation in the associated tort deductible were undertaken via an update to regulation 461/96). On August 26, 2015, the Ontario government filed Ontario regulations 250/15 and 251/15 implementing reforms set out in Bill 91. With the most recent valuation (March 31, 2020), reform adjustments (originally introduced with the September 30, 2015 valuation)

<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.



specifically related to changes to the SABS impacting the bodily injury and accident benefits coverages, were included with the updated industry trend analysis (completed using industry data as at June 30, 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 **most recent** valuation (March 31, 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 June 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 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 June 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.

## 1.5 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

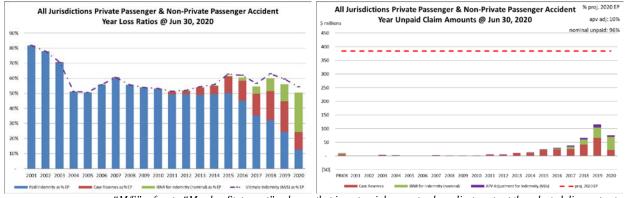
<sup>&</sup>lt;sup>2</sup>Servicing Carriers for the FARM are compensated via an initial claims fee paid as a percentage of earned premium. This fee is retroactively adjusted and settled at age 72 months for each accident year based on the formula as laid out in the Plan of Operation. The claims fee 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.

<sup>&</sup>lt;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".



projected amount of 2020 full year earned premium (the red hash-mark line) to provide some perspective.



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

The current actuarial present value adjustments balance associated with indemnity (\$37.8 million – see following table) represents 10% 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 expenses match our current "retro claims" nominal liability estimate shown below, the associated \$6.8 million of actuarial present value adjustments would be released into future net operating results.

|               | amt     | %      |
|---------------|---------|--------|
| case          | 246,050 | 60.5%  |
| ibnr          | 122,734 | 30.2%  |
| M/S apv adj   | 37,814  | 9.3%   |
| M/S indemnity | 406,598 | 100.0% |
| retro claims  | 32,082  |        |
| retro apv adj | 6,822   |        |
| M/S total     | 445,502 |        |

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 Error! Bookmark not defined.) 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)

|                 | amt      | %      |
|-----------------|----------|--------|
| unearned prem   | 190,392  | 108.3% |
| prem def/(dpac) | (14,632) | (8.3%) |
| M/S apv adjust. | -        | -      |
| M/S total       | 175,760  | 100.0% |

policy liabilities (\$000s)

|                 | amt     | %      |
|-----------------|---------|--------|
| claim           | 400,866 | 64.5%  |
| premium         | 175,760 | 28.3%  |
| M/S apv adjust. | 44,636  | 7.2%   |
| M/S total       | 621,263 | 100.0% |



| policy liabilities (\$000s)                 |         |  |  |  |  |
|---|---------|--|--|--|--|
| M/S total by juris (rounded at juris level) |         |  |  |  |  |
| Ontario                                     | 226,633 |  |  |  |  |
| Alberta                                     | 179,174 |  |  |  |  |
| Newfoundland & Labrador                     | 78,567  |  |  |  |  |
| New Brunswick                               | 56,993  |  |  |  |  |
| Nova Scotia                                 | 55,656  |  |  |  |  |
| Prince Edward Island                        | 12,587  |  |  |  |  |
| Yukon                                       | 3,955   |  |  |  |  |
| Northwest Territories                       | 6,086   |  |  |  |  |
| Nunavut                                     | 1,611   |  |  |  |  |
| All Jurisdictions                           | 621,262 |  |  |  |  |

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 37% of the total policy liabilities). Collectively, the Atlantic provinces are second largest, accounting for approximately 33% (\$204 million).

# 2 Activity During the Month of June 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.

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

| Table   | Earned Premium |             | Paid Indemnity |             | Case increase / |             | Recorded Indemnity    |             |
|---------|----------------|-------------|----------------|-------------|-----------------|-------------|-----------------------|-------------|
| 01a     |                |             |                |             | (decr           | ease)       | increase / (decrease) |             |
| Juris-  | Actual         | Actual less | A ctual        | Actual less | Actual          | Actual less | Actual                | Actual less |
| diction | Actual         | Projected   | Actual         | Projected   | Actual          | Projected   | Actual                | Projected   |
| ON      | 11,321         | (252)       | 4,539          | 955         | 3,342           | 2,908       | 7,881                 | 3,863       |
| AB      | 9,043          | (65)        | 8,729          | 3,935       | (3,550)         | (4,602)     | 5,179                 | (667)       |
| NL      | 2,783          | 70          | 1,115          | (837)       | (491)           | (355)       | 625                   | (1,192)     |
| NB      | 2,474          | 183         | 1,228          | 353         | 845             | 482         | 2,073                 | 836         |
| NS      | 3,157          | 135         | 1,079          | 156         | (476)           | (994)       | 603                   | (839)       |
| PE      | 488            | 33          | 399            | 254         | (240)           | (247)       | 159                   | 8           |
| YT      | 174            | 27          | 24             | (17)        | 11              | (44)        | 35                    | (61)        |
| NT      | 425            | 123         | 22             | (71)        | 204             | 199         | 226                   | 128         |
| NU      | 78             | 5           | 2              | (16)        | 6               | 7           | 8                     | (8)         |
| TOTAL   | 29,942         | 259         | 17,139         | 4,713       | (349)           | (2,645)     | 16,789                | 2,068       |

(Recorded transaction amounts exclude IBNR & other actuarial provisions)

<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 |
|------------------------------------|--|
| 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     | Actual         | Projected   | Actual         | Projected   | Actual          | Projected   | Actual                | Projected   |
| Prior    | 0              | 0           | 7,082          | 3,110       | (4,133)         | (1,113)     | 2,949                 | 1,997       |
| 2018     | (0)            | (0)         | 1,200          | 348         | (4)             | 157         | 1,197                 | 506         |
| 2019     | (24)           | (24)        | 3,348          | 513         | 181             | (1,876)     | 3,528                 | (1,364)     |
| 2020     | 29,967         | 284         | 5,509          | 742         | 3,607           | 187         | 9,115                 | 929         |
| TOTAL    | 29,942         | 259         | 17,139         | 4,713       | (349)           | (2,645)     | 16,789                | 2,068       |

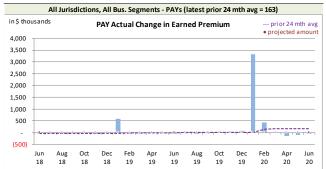
(Recorded transaction amounts exclude IBNR & other actuarial provisions)

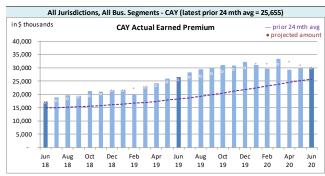
Claims activity varies monthly in part due to process variance – that is, due to the nature of the claims reporting, recording and adjudication processes. Each month, the projection variances are reviewed for signs of projection bias and to identify potential ways to reduce the level of the variance. Commentary from our review is provided in the sub-sections that follow.

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

The 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.

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 increases in CV and IU vehicles, with 2018 written premium for these two classes increasing by \$60 million (accounting for the bulk of the \$64 million or 56% increase in total FARM non-PPV written premium during 2018). 2019 written premium for those two classes finished at \$187.6 million, up \$71.1 million (61.0%) from 2018. As a result, the 2019 year-to-date written premium for those two classes is over 3 times the amount written during the same period in 2017 (\$56.2 million). The increase in these two classes continued over the first three months of 2020, up 71.1% (\$22.2 million) over the same period in 2019; however, the year-to-date increase in reported written premium to June

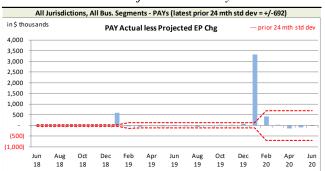
<sup>&</sup>lt;sup>5</sup>Premium is earned on a daily basis based on the transaction term measured in days. As a result, months with 31 days earned relatively more than those with 30 days, and February earns the least.

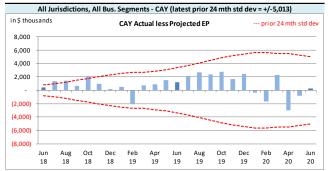


2020 for these two classes dropped to 10.0% due to the lower premium level in April 2020 as well as the recent decrease in Interurban vehicle counts in Ontario, with majority of the decrease from fleet business.

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) | 163    | 25,655 |  |  |  |  |  |
| std dev                          | 692    | 5,013  |  |  |  |  |  |
| A-P <> std dev                   | 2      | 3      |  |  |  |  |  |
| % <> std dev                     | 8.0%   | 12.0%  |  |  |  |  |  |
| 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 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.

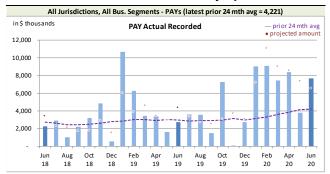
#### 2.1.b AvsP: Recorded Indemnity

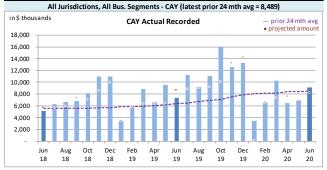
The following charts show actual **recorded indemnity** activity (**paid indemnity** plus case changes) in each of the most recent 25 calendar months, along with a "prior 24-month average" to show how each month's actual compares with the average amount of the preceding 24 calendar months.

<sup>&</sup>lt;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 unfavourable counts of 0 to 7 or 18 to 25 out of 25 outcomes would suggest bias.



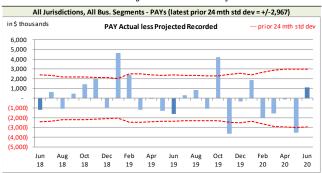
#### FARM Actual **Recorded Indemnity** by Calendar Month

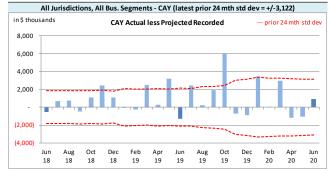




**Recorded indemnity** activity variances from the previous month's projections are shown in the following charts, including the "prior 24-month standard deviation" levels.

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





| On Latest \$ thousands             |        |        |  |  |  |  |
|------------------------------------|--------|--------|--|--|--|--|
| Recorded                           | PAYs   | CAY    |  |  |  |  |
| Mthly Avg Recorded (prior 24 mths) | 4,221  | 8,489  |  |  |  |  |
| std dev                            | 2,967  | 3,122  |  |  |  |  |
| A-P <> std dev                     | 4      | 6      |  |  |  |  |
| % <> std dev                       | 16.0%  | 24.0%  |  |  |  |  |
| norm <> std dev                    | 31.7%  | 31.7%  |  |  |  |  |
| performance vs 24-mth avg:         | better | better |  |  |  |  |

With respect to **recorded indemnity**, 16% of the prior accident years' (PAYs) variances over the last 25 calendar months have fallen outside of one standard deviation of the actual **recorded indemnity** (see table on the left), suggesting the projection process performs better than simply projecting the prior 24-month average amount (assuming a normal distribution). Bias has not been

indicated at a 95% confidence level on a running 25-month basis (11 of 25 variances were positive).

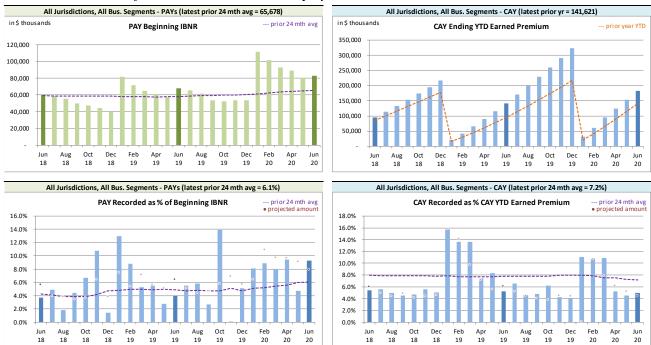
The current accident year (CAY) **recorded indemnity** variances fell outside of one standard deviation 24% of the time over the last 25 calendar months (see the preceding table on the left), suggesting the projection process performs better than simply projecting the prior 24-month average amount. Bias has not been indicated at a 95% confidence level on a running 25-month basis (16 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.







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

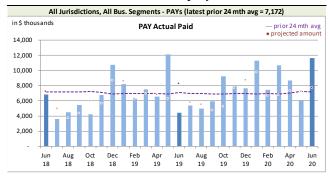
## 2.1.c AvsP: Paid Indemnity

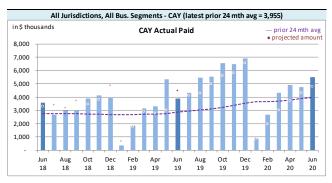
The following charts show actual **paid indemnity** activity in each of the most recent 25 calendar months, along with a "prior 24-month average" to show how each month's actual compares with the average amount of the preceding 24 calendar months.

<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.



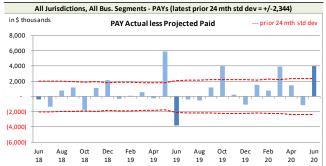
FARM Actual Paid Indemnity by Calendar Month

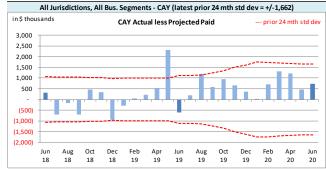




The following charts show actual less projected **paid indemnity** activity for the last 25 calendar months, along with bands for the "prior 24-month standard deviations" to show how the variances from projection compare with historical standard deviations.

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





| On Latest \$thousands          |        |        |  |  |  |  |  |
|--------------------------------|--------|--------|--|--|--|--|--|
| Paid                           | PAYs   | CAY    |  |  |  |  |  |
| Mthly Avg Paid (prior 24 mths) | 7,172  | 3,955  |  |  |  |  |  |
| std dev                        | 2,344  | 1,662  |  |  |  |  |  |
| A-P <> std dev                 | 6      | 2      |  |  |  |  |  |
| % <> std dev                   | 24.0%  | 8.0%   |  |  |  |  |  |
| norm <> std dev                | 31.7%  | 31.7%  |  |  |  |  |  |
| performance vs 24-mth avg:     | better | better |  |  |  |  |  |

With respect to **paid indemnity**, 24% 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 better than simply projecting the prior 24-month average amount (assuming it follows a normal distribution). Bias

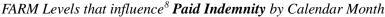
has not been indicated at a 95% confidence level on a running 25-month basis (15 of 25 variances are positive).

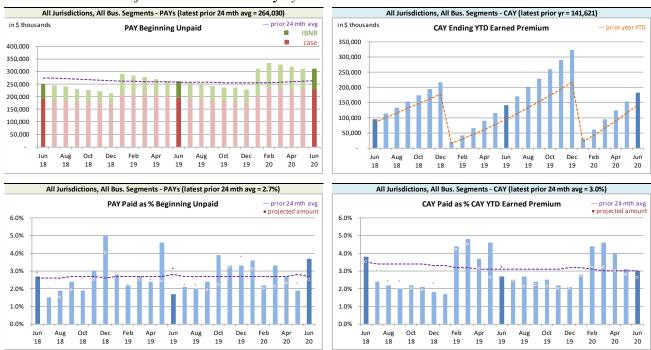
The PAY **paid indemnity** variances were outside of the one standard deviation band this month (see preceding chart on the left). Transaction activity was reviewed at a jurisdiction and business segment level and the overall high level of paid indemnity was attributed to large loss settlement activity, which has been confirmed by our Servicing Carriers.

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 (19 of 25 variances are positive).



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





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, June, September, and November).

#### 2.2 Actuarial Provisions

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

<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.

<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".



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 (March 31, 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.

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

| Table 02a |         |             | actuarial present value adjustments |             |                        |             |                          |             |
|-----------|---------|-------------|-------------------------------------|-------------|------------------------|-------------|--------------------------|-------------|
|           | IBNR    |             | IBNR Discount Amount                |             | Provisions for Adverse |             | IBNR + actuarial present |             |
|           |         |             |                                     |             | Deviations             |             | value adjustments        |             |
| Accident  | A atual | Actual less | A atual                             | Actual less | A atrial               | Actual less | A atual                  | Actual less |
| Year      | Actual  | Projected   | Actual                              | Projected   | Actual                 | Projected   | Actual                   | Projected   |
| Prior     | 19,193  | (2,006)     | (2,437)                             | 28          | 15,025                 | (279)       | 31,781                   | (2,257)     |
| 2018      | 18,714  | (505)       | (973)                               | 4           | 7,390                  | (59)        | 25,131                   | (560)       |
| 2019      | 36,996  | 1,346       | (1,954)                             | 11          | 13,554                 | (89)        | 48,596                   | 1,268       |
| 2020      | 47,831  | (736)       | (1,323)                             | 11          | 8,532                  | (106)       | 55,040                   | (831)       |
| TOTAL     | 122,734 | (1,901)     | (6,687)                             | 54          | 44,501                 | (533)       | 160,548                  | (2,380)     |

The IBNR provision is \$1.9 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 5).

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 claims expenses relative to projections.



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

| Table 02b |                        |             | actuarial present value adjustments |             |            |                        |                   |                           |  |
|-----------|------------------------|-------------|-------------------------------------|-------------|------------|------------------------|-------------------|---------------------------|--|
|           | Retro Claims Provision |             | Discount Amount                     |             | Provisions | Provisions for Adverse |                   | Retro + actuarial present |  |
|           |                        |             |                                     |             | Deviations |                        | value adjustments |                           |  |
| Accident  | Actual                 | Actual less | Actual                              | Actual less | Actual     | Actual less            | Actual            | Actual less               |  |
| Year      | Actual                 | Projected   | Actual                              | Projected   | Actual     | Projected              | Actual            | Projected                 |  |
| Prior     | 19,879                 | 270         | (373)                               | (375)       | 2,931      | 2,959                  | 22,463            | 296                       |  |
| 2018      | 4,513                  | 85          | (62)                                | (63)        | 1,125      | 1,114                  | 5,564             | 73                        |  |
| 2019      | 6,698                  | 136         | (122)                               | (126)       | 2,269      | 2,178                  | 8,750             | 41                        |  |
| 2020      | 992                    | 266         | (75)                                | (75)        | 1,251      | 1,210                  | 2,127             | 225                       |  |
| TOTAL     | 32,082                 | 757         | (632)                               | (639)       | 7,576      | 7,461                  | 38,904            | 635                       |  |

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                       | Premium Deficiency /<br>(Deferred Policy<br>Acquisition Costs) |                          | actuarial present value<br>adjustments |                          | Premium Deficiency / (DPAC) including actuarial present value adjustments |                          |
|--------------------------------|--|--------------------------|--|--------------------------|---|--------------------------|
|                                | Actual   | Actual less<br>Projected | Actual                                 | Actual less<br>Projected | Actual  | Actual less<br>Projected |
| balance:                       | (14,632)   | (634)                    | -                                      | -                        | (14,632)  | (634)                    |
| balance as % unearned premium: | (7.7%)   | -                        | 1                                      | -                        | (7.7%)  | -                        |

actual unearned premium: 190,392 less projected: 8,322

# 3 Ultimate Loss Ratio Matching Method

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

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

<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.

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



determined in a similar way, incorporating the two-month projections of earned premiums and recorded indemnity. Prior to actuarial present value adjustments, any expected emergence of recorded claims amounts pertaining to prior accident 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 |       | YTD actuarial present value adjustment |      | YTD Total |       | Change from Prior Month<br>YTD |        |
|----------|--------------------|-------|--|------|-----------|-------|--------------------------------|--------|
|          | Amount             | % EP  | Amount                                 | % EP | Amount    | % EP  | Amount                         | LR pts |
| PAYs     | 12,494             | 6.7%  | 5,551                                  | 3.0% | 18,045    | 9.7%  | (1,425)                        | (2.7%) |
| CAY      | 113,834            | 61.0% | 8,344                                  | 4.5% | 122,178   | 65.5% | 19,856                         | 0.2%   |
| TOTAL    | 126,328            | 67.7% | 13,895                                 | 7.4% | 140,223   | 75.1% | 18,431                         | (2.6%) |

("% 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 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".

<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.



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 (<u>in</u>cludes 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

page 1 of 10

| Jurisdiction Desc | Newfoundland &<br>Labrador |
|-------------------|----------------------------|
| AccountCode Desc  | <b>IBNR Provision</b>      |
| AccountCode       | (All)                      |
| AccidentYear      | (All)                      |

discount rate: 0.66% interest rate margin: 25 basis pts

|                           |          | <b>Prior Month</b> | <b>Current Month</b> | 1st Projected | <b>2nd Projected</b> |
|---------------------------|----------|--------------------|----------------------|---------------|----------------------|
| Sum of Amount             |          | ShareYYMM          |                      |               |                      |
| <b>Business Segment</b>   | Acc Year | 202005             | 202006               | 202007        | 202008               |
|                           |          |                    |                      |               |                      |
| Private Passenger         | prior    | 4,000              | 4,000                | 6,000         | 6,000                |
|                           | 2011     | 12,000             | 51,000               | 48,000        | 48,000               |
|                           | 2012     | 61,000             | 61,000               | 63,000        | 63,000               |
|                           | 2013     | 39,000             | 39,000               | 39,000        | 38,000               |
|                           | 2014     | 226,000            | 170,000              | 164,000       | 162,000              |
|                           | 2015     | 35,000             | 31,000               | 46,000        | 46,000               |
|                           | 2016     | 592,000            | 474,000              | 465,000       | 449,000              |
|                           | 2017     | 856,000            | 1,049,000            | 979,000       | 917,000              |
|                           | 2018     | 1,969,000          | 2,113,000            | 1,982,000     | 1,857,000            |
|                           | 2019     | 3,877,000          | 3,872,000            | 3,615,000     | 3,409,000            |
|                           | 2020     | 3,600,000          | 4,440,000            | 5,013,000     | 5,341,000            |
| Private Passenger Total   |          | 11,271,000         | 12,304,000           | 12,420,000    | 12,336,000           |
|                           |          |                    |                      |               |                      |
| Non Private Passenger     | prior    | 8,000              | 8,000                | 8,000         | 8,000                |
|                           | 2011     | 35,000             | 35,000               | 35,000        | 34,000               |
|                           | 2012     | (10,000)           | (10,000)             | (10,000)      | (10,000)             |
|                           | 2013     | 2,000              | 2,000                | 2,000         | 2,000                |
|                           | 2014     | 2,000              | 1,000                | 1,000         | 1,000                |
|                           | 2015     | (182,000)          | (189,000)            | (187,000)     | (186,000)            |
|                           | 2016     | (61,000)           | (62,000)             | (62,000)      | (63,000)             |
|                           | 2017     | 417,000            | 439,000              | 420,000       | 411,000              |
|                           | 2018     | 647,000            | 590,000              | 564,000       | 547,000              |
|                           | 2019     | 1,245,000          | 1,256,000            | 1,068,000     | 915,000              |
|                           | 2020     | 1,218,000          | 1,408,000            | 1,494,000     | 1,705,000            |
| Non Private Passenger Tot | tal      | 3,321,000          | 3,478,000            | 3,333,000     | 3,364,000            |
|                           |          |                    |                      |               |                      |
| <b>Grand Total</b>        |          | 14,592,000         | 15,782,000           | 15,753,000    | 15,700,000           |

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



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

page 2 of 10

| Jurisdiction Desc | New Brunswick  |
|-------------------|----------------|
| AccountCode Desc  | IBNR Provision |
| AccountCode       | (AII)          |
| AccidentYear      | (AII)          |

discount rate: 0.66% interest rate margin: 25 basis pts

|                           |          | Prior Month | Current Month | 1st Projected | 2nd Projected |
|---------------------------|----------|-------------|---------------|---------------|---------------|
| Sum of Amount             |          | ShareYYMM   |               |               |               |
| <b>Business Segment</b>   | Acc Year | 202005      | 202006        | 202007        | 202008        |
|                           |          |             |               |               |               |
| Private Passenger         | prior    | 55,000      | 55,000        | 55,000        | 56,000        |
|                           | 2011     | 1,000       | 1,000         | 1,000         | 1,000         |
|                           | 2012     | 14,000      | 14,000        | 14,000        | 14,000        |
|                           | 2013     | 81,000      | 69,000        | 68,000        | 67,000        |
|                           | 2014     | 222,000     | 222,000       | 219,000       | 217,000       |
|                           | 2015     | 334,000     | 214,000       | 212,000       | 210,000       |
|                           | 2016     | 592,000     | 478,000       | 472,000       | 466,000       |
|                           | 2017     | 1,922,000   | 1,105,000     | 1,093,000     | 1,060,000     |
|                           | 2018     | 2,712,000   | 2,559,000     | 2,534,000     | 2,503,000     |
|                           | 2019     | 4,036,000   | 4,025,000     | 3,944,000     | 3,804,000     |
|                           | 2020     | 2,113,000   | 2,690,000     | 3,097,000     | 3,439,000     |
| Private Passenger Total   |          | 12,082,000  | 11,432,000    | 11,709,000    | 11,837,000    |
|                           |          |             |               |               |               |
| Non Private Passenger     | prior    | 4,000       | 202,000       | 200,000       | 191,000       |
|                           | 2011     | 3,000       | 2,000         | 2,000         | 2,000         |
|                           | 2012     | 39,000      | 39,000        | 39,000        | 38,000        |
|                           | 2013     | 210,000     | 210,000       | 208,000       | 201,000       |
|                           | 2014     | 2,000       | 2,000         | 2,000         | 2,000         |
|                           | 2015     | 287,000     | 287,000       | 284,000       | 273,000       |
|                           | 2016     | 304,000     | 227,000       | 224,000       | 215,000       |
|                           | 2017     | 587,000     | 325,000       | 316,000       | 303,000       |
|                           | 2018     | 1,052,000   | 1,036,000     | 1,015,000     | 969,000       |
|                           | 2019     | 2,051,000   | 2,074,000     | 1,748,000     | 1,486,000     |
|                           | 2020     | 1,336,000   | 1,407,000     | 1,823,000     | 2,196,000     |
| Non Private Passenger Tot | al       | 5,875,000   | 5,811,000     | 5,861,000     | 5,876,000     |
|                           |          |             |               |               |               |
| Grand Total               |          | 17,957,000  | 17,243,000    | 17,570,000    | 17,713,000    |

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



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

**Prior Month** 

**Current Month** 

page 3 of 10

**2nd Projected** 

| Jurisdiction Desc | Nova Scotia    |
|-------------------|----------------|
| AccountCode Desc  | IBNR Provision |
| AccountCode       | (AII)          |
| AccidentYear      | (All)          |

discount rate: 0.66% interest rate margin: 25 basis pts

**1st Projected** 

|                           |          | PHOI WIGHT | Current Month | 1st Projected | Zilu Projecteu |
|---------------------------|----------|------------|---------------|---------------|----------------|
| Sum of Amount             |          | ShareYYMM  |               |               |                |
| <b>Business Segment</b>   | Acc Year | 202005     | 202006        | 202007        | 202008         |
|                           |          |            |               |               |                |
| Private Passenger         | prior    | 75,000     | 74,000        | 71,000        | 71,000         |
|                           | 2011     | 6,000      | 6,000         | 6,000         | 6,000          |
|                           | 2012     | (2,000)    | (2,000)       | (2,000)       | (2,000)        |
|                           | 2013     | 47,000     | 47,000        | 45,000        | 44,000         |
|                           | 2014     | 18,000     | 18,000        | 17,000        | 17,000         |
|                           | 2015     | 42,000     | 42,000        | 40,000        | 39,000         |
|                           | 2016     | 213,000    | 208,000       | 207,000       | 202,000        |
|                           | 2017     | 624,000    | 561,000       | 548,000       | 543,000        |
|                           | 2018     | 931,000    | 948,000       | 926,000       | 917,000        |
|                           | 2019     | 1,911,000  | 1,843,000     | 1,796,000     | 1,753,000      |
|                           | 2020     | 2,513,000  | 3,063,000     | 3,475,000     | 3,931,000      |
| Private Passenger Total   |          | 6,378,000  | 6,808,000     | 7,129,000     | 7,521,000      |
|                           |          |            |               |               |                |
| Non Private Passenger     | prior    | (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     | (36,000)   | (39,000)      | (39,000)      | (37,000)       |
|                           | 2014     | 48,000     | 76,000        | 75,000        | 74,000         |
|                           | 2015     | 38,000     | 38,000        | 38,000        | 38,000         |
|                           | 2016     | 349,000    | 357,000       | 352,000       | 349,000        |
|                           | 2017     | 530,000    | 467,000       | 460,000       | 451,000        |
|                           | 2018     | 892,000    | 963,000       | 931,000       | 896,000        |
|                           | 2019     | 1,836,000  | 1,919,000     | 1,617,000     | 1,371,000      |
|                           | 2020     | 2,123,000  | 2,776,000     | 3,054,000     | 3,408,000      |
| Non Private Passenger Tot | tal      | 5,778,000  | 6,555,000     | 6,486,000     | 6,548,000      |
|                           |          |            |               |               |                |
| <b>Grand Total</b>        |          | 12,156,000 | 13,363,000    | 13,615,000    | 14,069,000     |

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



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

page 4 of 10

| Jurisdiction Desc | Prince Edward<br>Island |
|-------------------|-------------------------|
| AccountCode Desc  | <b>IBNR Provision</b>   |
| AccountCode       | (AII)                   |
| AccidentYear      | (AII)                   |

discount rate: 0.66% interest rate margin: 25 basis pts

|                           |          | <b>Prior Month</b> | <b>Current Month</b> | 1st Projected | <b>2nd Projected</b> |
|---------------------------|----------|--------------------|----------------------|---------------|----------------------|
| Sum of Amount             |          | ShareYYMM          |                      |               |                      |
| Business Segment          | Acc Year | 202005             | 202006               | 202007        | 202008               |
|                           |          |                    |                      |               |                      |
| Private Passenger         | prior    | (5,000)            | (5,000)              | (5,000)       | (5,000)              |
|                           | 2011     | (1,000)            | (1,000)              | (1,000)       | (1,000)              |
|                           | 2012     |                    | -                    | -             | -                    |
|                           | 2013     | (2,000)            | (2,000)              | (2,000)       | (2,000)              |
|                           | 2014     | (166,000)          | (144,000)            | (142,000)     | (140,000)            |
|                           | 2015     | 89,000             | 89,000               | 88,000        | 87,000               |
|                           | 2016     | 12,000             | 12,000               | 11,000        | 11,000               |
|                           | 2017     | 197,000            | 187,000              | 184,000       | 183,000              |
|                           | 2018     | 351,000            | 359,000              | 355,000       | 351,000              |
|                           | 2019     | 220,000            | 226,000              | 224,000       | 222,000              |
|                           | 2020     | 418,000            | 514,000              | 598,000       | 635,000              |
| Private Passenger Total   |          | 1,113,000          | 1,235,000            | 1,310,000     | 1,341,000            |
|                           |          |                    |                      |               |                      |
| Non Private Passenger     | prior    | (2,000)            | (2,000)              | (2,000)       | (2,000)              |
|                           | 2011     | 1,000              | 1,000                | 1,000         | 1,000                |
|                           | 2012     | 19,000             | 19,000               | 19,000        | 18,000               |
|                           | 2013     | 5,000              | 5,000                | 5,000         | 5,000                |
|                           | 2014     | 6,000              | 6,000                | 5,000         | 4,000                |
|                           | 2015     | 22,000             | 22,000               | 22,000        | 22,000               |
|                           | 2016     | 134,000            | 134,000              | 132,000       | 132,000              |
|                           | 2017     | 405,000            | 405,000              | 400,000       | 394,000              |
|                           | 2018     | 534,000            | 534,000              | 528,000       | 522,000              |
|                           | 2019     | 1,000,000          | 999,000              | 907,000       | 824,000              |
|                           | 2020     | 532,000            | 535,000              | 646,000       | 764,000              |
| Non Private Passenger Tot | al       | 2,656,000          | 2,658,000            | 2,663,000     | 2,684,000            |
|                           |          |                    |                      |               |                      |
| Grand Total               |          | 3,769,000          | 3,893,000            | 3,973,000     | 4,025,000            |

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



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

page 5 of 10

| Jurisdiction Desc | Ontario               |
|-------------------|-----------------------|
| AccountCode Desc  | <b>IBNR Provision</b> |
| AccountCode       | (AII)                 |
| AccidentYear      | (AII)                 |

discount rate: 0.66% interest rate margin: 25 basis pts

|                           |          | Prior Month | <b>Current Month</b> | 1st Projected | 2nd Projected |
|---------------------------|----------|-------------|----------------------|---------------|---------------|
| Sum of Amount             |          | ShareYYMM   |                      |               |               |
| <b>Business Segment</b>   | Acc Year | 202005      | 202006               | 202007        | 202008        |
|                           |          |             |                      |               |               |
| Private Passenger         | prior    | 8,285,000   | 6,100,000            | 6,039,000     | 5,978,000     |
|                           | 2011     | 156,000     | 154,000              | 153,000       | 151,000       |
|                           | 2012     | 202,000     | 190,000              | 188,000       | 187,000       |
|                           | 2013     | 85,000      | 85,000               | 85,000        | 84,000        |
|                           | 2014     | 304,000     | 307,000              | 304,000       | 301,000       |
|                           | 2015     | 64,000      | 57,000               | 57,000        | 57,000        |
|                           | 2016     | 78,000      | 78,000               | 78,000        | 77,000        |
|                           | 2017     | 678,000     | 318,000              | 306,000       | 304,000       |
|                           | 2018     | 1,575,000   | 1,513,000            | 1,443,000     | 1,392,000     |
|                           | 2019     | 3,913,000   | 1,278,000            | 1,244,000     | 1,213,000     |
|                           | 2020     | 6,078,000   | 7,259,000            | 8,604,000     | 9,418,000     |
| Private Passenger Total   |          | 21,418,000  | 17,339,000           | 18,501,000    | 19,162,000    |
|                           |          |             |                      |               |               |
| Non Private Passenger     | prior    | 56,000      | (26,000)             | (26,000)      | (25,000)      |
|                           | 2011     | 141,000     | 141,000              | 139,000       | 137,000       |
|                           | 2012     | 71,000      | 516,000              | 511,000       | 505,000       |
|                           | 2013     | 471,000     | 221,000              | 218,000       | 216,000       |
|                           | 2014     | 308,000     | (22,000)             | (21,000)      | (21,000)      |
|                           | 2015     | 666,000     | 667,000              | 657,000       | 651,000       |
|                           | 2016     | 1,200,000   | 1,384,000            | 1,370,000     | 1,291,000     |
|                           | 2017     | 1,972,000   | 1,919,000            | 1,886,000     | 1,830,000     |
|                           | 2018     | 4,979,000   | 4,916,000            | 4,730,000     | 4,579,000     |
|                           | 2019     | 14,538,000  | 14,415,000           | 13,187,000    | 12,075,000    |
|                           | 2020     | 11,456,000  | 12,611,000           | 14,280,000    | 15,549,000    |
| Non Private Passenger Tot | al       | 35,858,000  | 36,742,000           | 36,931,000    | 36,787,000    |
|                           |          |             |                      |               |               |
| <b>Grand Total</b>        |          | 57,276,000  | 54,081,000           | 55,432,000    | 55,949,000    |

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



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

page 6 of 10

| Jurisdiction Desc | Alberta               |
|-------------------|-----------------------|
| AccountCode Desc  | <b>IBNR Provision</b> |
| AccountCode       | (AII)                 |
| AccidentYear      | (AII)                 |

discount rate: 0.66% interest rate margin: 25 basis pts

|                           |          | Prior Month | <b>Current Month</b> | 1st Projected | 2nd Projected |
|---------------------------|----------|-------------|----------------------|---------------|---------------|
| Sum of Amount             |          | ShareYYMM   |                      |               |               |
| <b>Business Segment</b>   | Acc Year | 202005      | 202006               | 202007        | 202008        |
|                           |          |             |                      |               |               |
| Private Passenger         | prior    | 93,000      | 93,000               | 92,000        | 90,000        |
|                           | 2011     | 32,000      | 84,000               | 83,000        | 82,000        |
|                           | 2012     | 36,000      | (82,000)             | (81,000)      | (81,000)      |
|                           | 2013     | 61,000      | 61,000               | 61,000        | 61,000        |
|                           | 2014     | 190,000     | 190,000              | 189,000       | 187,000       |
|                           | 2015     | 164,000     | 204,000              | 202,000       | 199,000       |
|                           | 2016     | 495,000     | 495,000              | 490,000       | 481,000       |
|                           | 2017     | 549,000     | 549,000              | 543,000       | 536,000       |
|                           | 2018     | 650,000     | 665,000              | 633,000       | 624,000       |
|                           | 2019     | 1,265,000   | 1,001,000            | 977,000       | 938,000       |
|                           | 2020     | 913,000     | 1,125,000            | 1,238,000     | 1,336,000     |
| Private Passenger Total   |          | 4,448,000   | 4,385,000            | 4,427,000     | 4,453,000     |
|                           |          |             |                      |               |               |
| Non Private Passenger     | prior    | 86,000      | 86,000               | 85,000        | 82,000        |
|                           | 2011     | (14,000)    | (14,000)             | (13,000)      | (9,000)       |
|                           | 2012     | 75,000      | 71,000               | 71,000        | 70,000        |
|                           | 2013     | 397,000     | 397,000              | 393,000       | 381,000       |
|                           | 2014     | 476,000     | 477,000              | 471,000       | 453,000       |
|                           | 2015     | 1,428,000   | 1,369,000            | 1,357,000     | 1,313,000     |
|                           | 2016     | 1,959,000   | 2,452,000            | 2,363,000     | 2,283,000     |
|                           | 2017     | 4,176,000   | 4,233,000            | 4,043,000     | 3,852,000     |
|                           | 2018     | 9,249,000   | 7,933,000            | 7,579,000     | 7,297,000     |
|                           | 2019     | 15,400,000  | 14,499,000           | 12,159,000    | 10,269,000    |
|                           | 2020     | 15,070,000  | 16,379,000           | 18,719,000    | 20,247,000    |
| Non Private Passenger Tot | tal      | 48,302,000  | 47,882,000           | 47,227,000    | 46,238,000    |
|                           |          |             |                      |               |               |
| <b>Grand Total</b>        |          | 52,750,000  | 52,267,000           | 51,654,000    | 50,691,000    |

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



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

page 7 of 10

| Jurisdiction Desc | Yukon                 |
|-------------------|-----------------------|
| AccountCode Desc  | <b>IBNR Provision</b> |
| AccountCode       | (AII)                 |
| AccidentYear      | (AII)                 |

discount rate: 0.66% interest rate margin: 25 basis pts

|                           |          | Prior Month | <b>Current Month</b> | 1st Projected | 2nd Projected |
|---------------------------|----------|-------------|----------------------|---------------|---------------|
| Sum of Amount             |          | ShareYYMM   |                      |               |               |
| <b>Business Segment</b>   | Acc Year | 202005      | 202006               | 202007        | 202008        |
|                           |          |             |                      |               |               |
| 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     | 8,000       | 8,000                | 8,000         | 8,000         |
|                           | 2015     | 19,000      | 19,000               | 19,000        | 19,000        |
|                           | 2016     | 25,000      | 25,000               | 25,000        | 25,000        |
|                           | 2017     | 137,000     | 137,000              | 136,000       | 135,000       |
|                           | 2018     | 110,000     | 110,000              | 109,000       | 107,000       |
|                           | 2019     | 115,000     | 115,000              | 107,000       | 106,000       |
|                           | 2020     | 25,000      | 19,000               | 32,000        | 42,000        |
| Private Passenger Total   |          | 450,000     | 444,000              | 447,000       | 453,000       |
|                           |          |             |                      |               |               |
| Non Private Passenger     | prior    | 2,000       | 2,000                | 2,000         | 2,000         |
|                           | 2011     |             | -                    | -             | -             |
|                           | 2012     | 1,000       | 1,000                | 1,000         | 1,000         |
|                           | 2013     | 2,000       | 2,000                | 2,000         | 2,000         |
|                           | 2014     | 4,000       | 4,000                | 4,000         | 4,000         |
|                           | 2015     | 3,000       | 3,000                | 3,000         | 3,000         |
|                           | 2016     | 32,000      | 32,000               | 32,000        | 32,000        |
|                           | 2017     | 98,000      | 98,000               | 97,000        | 94,000        |
|                           | 2018     | 115,000     | 115,000              | 114,000       | 112,000       |
|                           | 2019     | 306,000     | 303,000              | 250,000       | 208,000       |
|                           | 2020     | 300,000     | 363,000              | 415,000       | 466,000       |
| Non Private Passenger Tot | tal      | 863,000     | 923,000              | 920,000       | 924,000       |
|                           |          |             |                      |               |               |
| Grand Total               |          | 1,313,000   | 1,367,000            | 1,367,000     | 1,377,000     |

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



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

page 8 of 10

| Jurisdiction Desc | Northwest             |
|-------------------|-----------------------|
|                   | Territories           |
| AccountCode Desc  | <b>IBNR Provision</b> |
| AccountCode       | (AII)                 |
| AccidentYear      | (AII)                 |

discount rate: 0.66% interest rate margin: 25 basis pts

|                           |          | Prior Month | <b>Current Month</b> | 1st Projected | 2nd Projected |
|---------------------------|----------|-------------|----------------------|---------------|---------------|
| Sum of Amount             |          | ShareYYMM   |                      |               |               |
| <b>Business Segment</b>   | Acc Year | 202005      | 202006               | 202007        | 202008        |
|                           |          |             |                      |               |               |
| 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     | 31,000      | 31,000               | 31,000        | 31,000        |
|                           | 2016     | 57,000      | 57,000               | 56,000        | 55,000        |
|                           | 2017     | 167,000     | 167,000              | 165,000       | 163,000       |
|                           | 2018     | 350,000     | 364,000              | 362,000       | 358,000       |
|                           | 2019     | 440,000     | 441,000              | 436,000       | 431,000       |
|                           | 2020     | 58,000      | 97,000               | 178,000       | 236,000       |
| Private Passenger Total   |          | 1,121,000   | 1,175,000            | 1,246,000     | 1,292,000     |
|                           |          |             |                      |               |               |
| Non Private Passenger     | prior    | 3,000       | 3,000                | 3,000         | 3,000         |
|                           | 2011     |             | -                    | -             | -             |
|                           | 2012     |             | -                    | -             | -             |
|                           | 2013     | 52,000      | 52,000               | 52,000        | 51,000        |
|                           | 2014     | 29,000      | 29,000               | 29,000        | 29,000        |
|                           | 2015     | 13,000      | 13,000               | 13,000        | 13,000        |
|                           | 2016     | 45,000      | (123,000)            | (122,000)     | (121,000)     |
|                           | 2017     | 118,000     | 118,000              | 117,000       | 115,000       |
|                           | 2018     | 202,000     | 229,000              | 227,000       | 225,000       |
|                           | 2019     | 233,000     | 227,000              | 210,000       | 192,000       |
|                           | 2020     | 152,000     | 218,000              | 272,000       | 323,000       |
| Non Private Passenger Tot | tal      | 847,000     | 766,000              | 801,000       | 830,000       |
|                           |          |             |                      |               |               |
| <b>Grand Total</b>        |          | 1,968,000   | 1,941,000            | 2,047,000     | 2,122,000     |

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        |
|-------------------|----------------|
| AccountCode Desc  | IBNR Provision |
| AccountCode       | (All)          |
| AccidentYear      | (All)          |

discount rate: 0.66% interest rate margin: 25 basis pts

|                           | ,        | Prior Month        | <b>Current Month</b> | 1st Projected     | 2nd Projected     |
|---------------------------|----------|--------------------|----------------------|-------------------|-------------------|
| Sum of Amount             |          | ShareYYMM          |                      |                   |                   |
| <b>Business Segment</b>   | Acc Year | 202005             | 202006               | 202007            | 202008            |
|                           |          |                    |                      |                   |                   |
| Private Passenger         | prior    | -                  | -                    | -                 | -                 |
|                           | 2011     |                    | -                    | -                 | -                 |
|                           | 2012     | 17,000             | 17,000               | 16,000            | 16,000            |
|                           | 2013     | 1,000              | 1,000                | 1,000             | 1,000             |
|                           | 2014     | 1,000              | 1,000                | 1,000             | 1,000             |
|                           | 2015     | 3,000              | 3,000                | 3,000             | 3,000             |
|                           | 2016     | 11,000             | 11,000               | 11,000            | 11,000            |
|                           | 2017     | 18,000             | 18,000               | 18,000            | 18,000            |
|                           | 2018     | 13,000             | 15,000               | 15,000            | 15,000            |
|                           | 2019     | 29,000             | 29,000               | 29,000            | 29,000            |
|                           | 2020     | 12,000             | 15,000               | 17,000            | 19,000            |
| Private Passenger Total   |          | 105,000            | 110,000              | 111,000           | 113,000           |
| Non Private Passenger     | prior    |                    | _                    | _                 | _                 |
| Non Frivate Fassenger     | 2011     |                    |                      | _                 | _                 |
|                           | 2011     |                    | _                    | _                 | _                 |
|                           | 2012     | 3,000              | 3,000                | 3,000             | 3,000             |
|                           | 2013     | 21,000             | 21,000               | 21,000            | 21,000            |
|                           | 2014     | 14,000             | 14,000               | 14,000            | 14,000            |
|                           | 2013     | 25,000             | 25,000               | 25,000            | 25,000            |
|                           | 2010     | 74,000             | 74,000               | 73,000            | 72,000            |
|                           | 2017     | •                  | •                    |                   |                   |
|                           | 2018     | 139,000<br>121,000 | 169,000<br>74,000    | 168,000<br>69,000 | 165,000<br>62,000 |
|                           | 2019     | 91,000             | 74,000<br>121,000    | 140,000           | 153,000           |
| Non Private Passenger Tot | _        | 488,000            | 501,000              | 513,000           | 515,000           |
| Non Filvate rassenger 10  | ıaı      | 400,000            | 301,000              | 515,000           | 313,000           |
| Grand Total               |          | 593,000            | 611,000              | 624,000           | 628,000           |

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 | (AII)                 |
|-------------------|-----------------------|
| AccountCode Desc  | <b>IBNR Provision</b> |
| AccountCode       | (AII)                 |
| AccidentYear      | (AII)                 |

discount rate: 0.66% interest rate margin: 25 basis pts

|                           |          | Prior Month | Current Month | 1st Projected | 2nd Projected |
|---------------------------|----------|-------------|---------------|---------------|---------------|
| Sum of Amount             |          | ShareYYMM   |               |               |               |
| <b>Business Segment</b>   | Acc Year | 202005      | 202006        | 202007        | 202008        |
|                           |          |             |               |               |               |
| Private Passenger         | prior    | 8,508,000   | 6,322,000     | 6,259,000     | 6,197,000     |
|                           | 2011     | 206,000     | 295,000       | 290,000       | 287,000       |
|                           | 2012     | 336,000     | 206,000       | 206,000       | 205,000       |
|                           | 2013     | 323,000     | 311,000       | 308,000       | 304,000       |
|                           | 2014     | 812,000     | 781,000       | 769,000       | 762,000       |
|                           | 2015     | 781,000     | 690,000       | 698,000       | 691,000       |
|                           | 2016     | 2,075,000   | 1,838,000     | 1,815,000     | 1,777,000     |
|                           | 2017     | 5,148,000   | 4,091,000     | 3,972,000     | 3,859,000     |
|                           | 2018     | 8,661,000   | 8,646,000     | 8,359,000     | 8,124,000     |
|                           | 2019     | 15,806,000  | 12,830,000    | 12,372,000    | 11,905,000    |
|                           | 2020     | 15,730,000  | 19,222,000    | 22,252,000    | 24,397,000    |
| Private Passenger Total   |          | 58,386,000  | 55,232,000    | 57,300,000    | 58,508,000    |
|                           |          |             |               |               |               |
| Non Private Passenger     | prior    | 156,000     | 272,000       | 269,000       | 258,000       |
|                           | 2011     | 168,000     | 167,000       | 166,000       | 167,000       |
|                           | 2012     | 192,000     | 633,000       | 628,000       | 619,000       |
|                           | 2013     | 1,106,000   | 853,000       | 844,000       | 824,000       |
|                           | 2014     | 896,000     | 594,000       | 587,000       | 567,000       |
|                           | 2015     | 2,289,000   | 2,224,000     | 2,201,000     | 2,141,000     |
|                           | 2016     | 3,987,000   | 4,426,000     | 4,314,000     | 4,143,000     |
|                           | 2017     | 8,377,000   | 8,078,000     | 7,812,000     | 7,522,000     |
|                           | 2018     | 17,809,000  | 16,485,000    | 15,856,000    | 15,312,000    |
|                           | 2019     | 36,730,000  | 35,766,000    | 31,215,000    | 27,402,000    |
|                           | 2020     | 32,278,000  | 35,818,000    | 40,843,000    | 44,811,000    |
| Non Private Passenger Tot | tal      | 103,988,000 | 105,316,000   | 104,735,000   | 103,766,000   |
|                           |          |             |               |               |               |
| <b>Grand Total</b>        |          | 162,374,000 | 160,548,000   | 162,035,000   | 162,274,000   |

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          |
| AccountCode Desc  | Undiscounted IBNR |
|                   | Provision         |
| AccountCode       | (All)             |
| AccidentYear      | (AII)             |

discount rate: 0.00%

interest rate margin: 0 basis pts

|                           |          | Prior Month | <b>Current Month</b> | 1st Projected | 2nd Projected |
|---------------------------|----------|-------------|----------------------|---------------|---------------|
| Sum of Amount             |          | ShareYYMM   |                      |               |               |
| <b>Business Segment</b>   | Acc Year | 202005      | 202006               | 202007        | 202008        |
|                           |          |             |                      |               |               |
| Private Passenger         | prior    | (17,000)    | (17,000)             | (14,000)      | (14,000)      |
|                           | 2011     | (6,000)     | 33,000               | 30,000        | 30,000        |
|                           | 2012     | (50,000)    | (50,000)             | (46,000)      | (46,000)      |
|                           | 2013     | (12,000)    | (12,000)             | (11,000)      | (11,000)      |
|                           | 2014     | 116,000     | 60,000               | 55,000        | 54,000        |
|                           | 2015     | (219,000)   | (224,000)            | (206,000)     | (204,000)     |
|                           | 2016     | 177,000     | 59,000               | 58,000        | 55,000        |
|                           | 2017     | 558,000     | 767,000              | 706,000       | 650,000       |
|                           | 2018     | 1,274,000   | 1,433,000            | 1,318,000     | 1,213,000     |
|                           | 2019     | 2,798,000   | 2,808,000            | 2,583,000     | 2,407,000     |
|                           | 2020     | 3,170,000   | 3,920,000            | 4,397,000     | 4,641,000     |
| Private Passenger Total   |          | 7,789,000   | 8,777,000            | 8,870,000     | 8,775,000     |
|                           |          |             |                      |               |               |
| Non Private Passenger     | prior    | 8,000       | 8,000                | 8,000         | 8,000         |
|                           | 2011     | 1,000       | 1,000                | 1,000         | 1,000         |
|                           | 2012     | (11,000)    | (11,000)             | (11,000)      | (11,000)      |
|                           | 2013     | 2,000       | 2,000                | 2,000         | 2,000         |
|                           | 2014     | 1,000       | -                    | -             | -             |
|                           | 2015     | (221,000)   | (228,000)            | (226,000)     | (224,000)     |
|                           | 2016     | (155,000)   | (156,000)            | (154,000)     | (152,000)     |
|                           | 2017     | 222,000     | 244,000              | 232,000       | 228,000       |
|                           | 2018     | 386,000     | 334,000              | 317,000       | 307,000       |
|                           | 2019     | 863,000     | 885,000              | 708,000       | 566,000       |
|                           | 2020     | 1,056,000   | 1,219,000            | 1,277,000     | 1,460,000     |
| Non Private Passenger Tot | al       | 2,152,000   | 2,298,000            | 2,154,000     | 2,185,000     |
|                           |          |             |                      |               |               |
| <b>Grand Total</b>        |          | 9,941,000   | 11,075,000           | 11,024,000    | 10,960,000    |

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

interest rate margin: 0 basis pts

discount rate: 0.00%

|                           |          | <b>Prior Month</b> | <b>Current Month</b> | 1st Projected | 2nd Projected |
|---------------------------|----------|--------------------|----------------------|---------------|---------------|
| Sum of Amount             |          | ShareYYMM          |                      |               |               |
| <b>Business Segment</b>   | Acc Year | 202005             | 202006               | 202007        | 202008        |
|                           |          |                    |                      |               |               |
| Private Passenger         | prior    | 15,000             | 15,000               | 15,000        | 15,000        |
|                           | 2011     | (5,000)            | (5,000)              | (5,000)       | (5,000)       |
|                           | 2012     | (4,000)            | (4,000)              | (4,000)       | (4,000)       |
|                           | 2013     | 66,000             | 55,000               | 54,000        | 53,000        |
|                           | 2014     | 158,000            | 158,000              | 156,000       | 154,000       |
|                           | 2015     | 143,000            | 23,000               | 23,000        | 23,000        |
|                           | 2016     | 379,000            | 266,000              | 263,000       | 260,000       |
|                           | 2017     | 1,560,000          | 848,000              | 840,000       | 811,000       |
|                           | 2018     | 2,247,000          | 2,110,000            | 2,089,000     | 2,068,000     |
|                           | 2019     | 3,453,000          | 3,473,000            | 3,397,000     | 3,268,000     |
|                           | 2020     | 1,815,000          | 2,350,000            | 2,695,000     | 2,985,000     |
| Private Passenger Total   |          | 9,827,000          | 9,289,000            | 9,523,000     | 9,628,000     |
|                           |          |                    |                      |               |               |
| Non Private Passenger     | prior    | (13,000)           | 167,000              | 165,000       | 156,000       |
|                           | 2011     | (5,000)            | (5,000)              | (5,000)       | (5,000)       |
|                           | 2012     | 2,000              | 2,000                | 2,000         | 2,000         |
|                           | 2013     | 111,000            | 111,000              | 110,000       | 104,000       |
|                           | 2014     | 2,000              | 2,000                | 2,000         | 2,000         |
|                           | 2015     | 210,000            | 210,000              | 208,000       | 198,000       |
|                           | 2016     | 243,000            | 167,000              | 164,000       | 156,000       |
|                           | 2017     | 445,000            | 183,000              | 179,000       | 170,000       |
|                           | 2018     | 779,000            | 766,000              | 751,000       | 713,000       |
|                           | 2019     | 1,521,000          | 1,545,000            | 1,236,000     | 989,000       |
|                           | 2020     | 1,128,000          | 1,167,000            | 1,535,000     | 1,867,000     |
| Non Private Passenger Tot | al       | 4,423,000          | 4,315,000            | 4,347,000     | 4,352,000     |
|                           |          |                    |                      |               |               |
| Grand Total               |          | 14,250,000         | 13,604,000           | 13,870,000    | 13,980,000    |

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



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

page 3 of 10

| Jurisdiction Desc | Nova Scotia       |
|-------------------|-------------------|
| AccountCode Desc  | Undiscounted IBNR |
|                   | Provision         |
| AccountCode       | (All)             |
| AccidentYear      | (All)             |

interest rate margin: 0 basis pts

discount rate: 0.00%

|                           |          | Prior Month | <b>Current Month</b> | 1st Projected | 2nd Projected |
|---------------------------|----------|-------------|----------------------|---------------|---------------|
| Sum of Amount             |          | ShareYYMM   |                      |               |               |
| <b>Business Segment</b>   | Acc Year | 202005      | 202006               | 202007        | 202008        |
|                           |          |             |                      |               |               |
| Private Passenger         | prior    | 48,000      | 47,000               | 44,000        | 44,000        |
|                           | 2011     | 5,000       | 5,000                | 5,000         | 5,000         |
|                           | 2012     | (2,000)     | (2,000)              | (2,000)       | (2,000)       |
|                           | 2013     | 37,000      | 37,000               | 35,000        | 34,000        |
|                           | 2014     | (10,000)    | (10,000)             | (10,000)      | (10,000)      |
|                           | 2015     | 23,000      | 23,000               | 22,000        | 21,000        |
|                           | 2016     | 134,000     | 130,000              | 129,000       | 125,000       |
|                           | 2017     | 491,000     | 428,000              | 416,000       | 412,000       |
|                           | 2018     | 660,000     | 700,000              | 687,000       | 680,000       |
|                           | 2019     | 1,287,000   | 1,226,000            | 1,189,000     | 1,153,000     |
|                           | 2020     | 2,185,000   | 2,671,000            | 3,016,000     | 3,406,000     |
| Private Passenger Total   |          | 4,858,000   | 5,255,000            | 5,531,000     | 5,868,000     |
|                           |          | 4           | 4                    |               |               |
| 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     | (151,000)   | (154,000)            | (152,000)     | (150,000)     |
|                           | 2014     | (16,000)    | 12,000               | 12,000        | 12,000        |
|                           | 2015     | 24,000      | 24,000               | 24,000        | 24,000        |
|                           | 2016     | 179,000     | 187,000              | 185,000       | 183,000       |
|                           | 2017     | 301,000     | 240,000              | 238,000       | 236,000       |
|                           | 2018     | 591,000     | 663,000              | 634,000       | 602,000       |
|                           | 2019     | 1,352,000   | 1,444,000            | 1,155,000     | 924,000       |
|                           | 2020     | 1,799,000   | 2,407,000            | 2,629,000     | 2,919,000     |
| Non Private Passenger Tot | tal      | 4,074,000   | 4,818,000            | 4,720,000     | 4,745,000     |
|                           |          |             |                      |               |               |
| Grand Total               |          | 8,932,000   | 10,073,000           | 10,251,000    | 10,613,000    |

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            |
| AccountCode Desc  | Undiscounted IBNR |
|                   | Provision         |
| AccountCode       | (All)             |
| AccidentYear      | (AII)             |

discount rate: 0.00%

interest rate margin: 0 basis pts

|                           |          | Prior Month | <b>Current Month</b> | 1st Projected | 2nd Projected |
|---------------------------|----------|-------------|----------------------|---------------|---------------|
| Sum of Amount             |          | ShareYYMM   |                      |               |               |
| <b>Business Segment</b>   | Acc Year | 202005      | 202006               | 202007        | 202008        |
|                           |          |             |                      |               |               |
| Private Passenger         | prior    | (5,000)     | (5,000)              | (5,000)       | (5,000)       |
|                           | 2011     | (1,000)     | (1,000)              | (1,000)       | (1,000)       |
|                           | 2012     |             | -                    | -             | -             |
|                           | 2013     | (2,000)     | (2,000)              | (2,000)       | (2,000)       |
|                           | 2014     | (167,000)   | (163,000)            | (161,000)     | (159,000)     |
|                           | 2015     | 4,000       | 4,000                | 4,000         | 4,000         |
|                           | 2016     | (16,000)    | (16,000)             | (16,000)      | (16,000)      |
|                           | 2017     | 79,000      | 69,000               | 68,000        | 67,000        |
|                           | 2018     | 281,000     | 289,000              | 286,000       | 283,000       |
|                           | 2019     | 138,000     | 144,000              | 143,000       | 141,000       |
|                           | 2020     | 372,000     | 461,000              | 535,000       | 564,000       |
| Private Passenger Total   |          | 683,000     | 780,000              | 851,000       | 876,000       |
|                           |          |             |                      |               |               |
| Non Private Passenger     | prior    | (2,000)     | (2,000)              | (2,000)       | (2,000)       |
|                           | 2011     | 1,000       | 1,000                | 1,000         | 1,000         |
|                           | 2012     |             | -                    | -             | -             |
|                           | 2013     | 1,000       | 1,000                | 1,000         | 1,000         |
|                           | 2014     | (1,000)     | (1,000)              | (1,000)       | (1,000)       |
|                           | 2015     | 21,000      | 21,000               | 21,000        | 21,000        |
|                           | 2016     | 46,000      | 46,000               | 46,000        | 46,000        |
|                           | 2017     | 373,000     | 373,000              | 369,000       | 365,000       |
|                           | 2018     | 480,000     | 480,000              | 475,000       | 470,000       |
|                           | 2019     | 882,000     | 882,000              | 794,000       | 715,000       |
|                           | 2020     | 472,000     | 477,000              | 574,000       | 677,000       |
| Non Private Passenger Tot | tal      | 2,273,000   | 2,278,000            | 2,278,000     | 2,293,000     |
|                           |          |             |                      |               |               |
| <b>Grand Total</b>        |          | 2,956,000   | 3,058,000            | 3,129,000     | 3,169,000     |

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

| Jurisdiction Desc | Ontario           |
|-------------------|-------------------|
| Julisulction Desc | Ontario           |
| AccountCode Desc  | Undiscounted IBNR |
|                   | Provision         |
| AccountCode       | (AII)             |
| AccidentYear      | (AII)             |

interest rate margin: 0 basis pts

discount rate: 0.00%

|                           |          | <b>Prior Month</b> | <b>Current Month</b> | 1st Projected | 2nd Projected |
|---------------------------|----------|--------------------|----------------------|---------------|---------------|
| Sum of Amount             |          | ShareYYMM          |                      |               |               |
| <b>Business Segment</b>   | Acc Year | 202005             | 202006               | 202007        | 202008        |
|                           |          |                    |                      |               |               |
| Private Passenger         | prior    | 6,773,000          | 4,595,000            | 4,549,000     | 4,503,000     |
|                           | 2011     | 75,000             | 75,000               | 74,000        | 73,000        |
|                           | 2012     | 127,000            | 115,000              | 114,000       | 113,000       |
|                           | 2013     | 11,000             | 11,000               | 11,000        | 11,000        |
|                           | 2014     | (7,000)            | (4,000)              | (4,000)       | (4,000)       |
|                           | 2015     | 25,000             | 23,000               | 23,000        | 23,000        |
|                           | 2016     | (13,000)           | (13,000)             | (12,000)      | (12,000)      |
|                           | 2017     | 510,000            | 152,000              | 144,000       | 143,000       |
|                           | 2018     | 1,239,000          | 1,179,000            | 1,120,000     | 1,075,000     |
|                           | 2019     | 2,924,000          | 308,000              | 303,000       | 291,000       |
|                           | 2020     | 5,310,000          | 6,316,000            | 7,490,000     | 8,130,000     |
| Private Passenger Total   |          | 16,974,000         | 12,757,000           | 13,812,000    | 14,346,000    |
|                           |          |                    |                      |               |               |
| Non Private Passenger     | prior    | 3,000              | (89,000)             | (88,000)      | (87,000)      |
|                           | 2011     | 57,000             | 57,000               | 56,000        | 55,000        |
|                           | 2012     | 20,000             | 465,000              | 460,000       | 455,000       |
|                           | 2013     | 188,000            | (39,000)             | (39,000)      | (39,000)      |
|                           | 2014     | (27,000)           | (209,000)            | (207,000)     | (205,000)     |
|                           | 2015     | (58,000)           | (57,000)             | (56,000)      | (55,000)      |
|                           | 2016     | 666,000            | 865,000              | 856,000       | 783,000       |
|                           | 2017     | 1,260,000          | 1,216,000            | 1,204,000     | 1,168,000     |
|                           | 2018     | 3,667,000          | 3,654,000            | 3,493,000     | 3,367,000     |
|                           | 2019     | 11,487,000         | 11,363,000           | 10,227,000    | 9,204,000     |
|                           | 2020     | 9,960,000          | 10,932,000           | 12,328,000    | 13,348,000    |
| Non Private Passenger Tot | tal      | 27,223,000         | 28,158,000           | 28,234,000    | 27,994,000    |
|                           |          |                    |                      |               |               |
| Grand Total               |          | 44,197,000         | 40,915,000           | 42,046,000    | 42,340,000    |

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 |
|------------------------------------|---------------------------|
| Accountcode Desc                   | Provision                 |
| AccountCode                        | (AII)                     |
| AccidentYear                       | (AII)                     |

interest rate margin: 0 basis pts

discount rate: 0.00%

|                           |          | <b>Prior Month</b> | <b>Current Month</b> | 1st Projected | 2nd Projected |
|---------------------------|----------|--------------------|----------------------|---------------|---------------|
| Sum of Amount             |          | ShareYYMM          |                      |               |               |
| <b>Business Segment</b>   | Acc Year | 202005             | 202006               | 202007        | 202008        |
|                           |          |                    |                      |               |               |
| Private Passenger         | prior    | 59,000             | 59,000               | 58,000        | 57,000        |
|                           | 2011     | 16,000             | 68,000               | 67,000        | 66,000        |
|                           | 2012     | 26,000             | (92,000)             | (91,000)      | (90,000)      |
|                           | 2013     | 47,000             | 47,000               | 47,000        | 47,000        |
|                           | 2014     | 35,000             | 35,000               | 35,000        | 35,000        |
|                           | 2015     | 137,000            | 177,000              | 175,000       | 173,000       |
|                           | 2016     | 318,000            | 318,000              | 315,000       | 307,000       |
|                           | 2017     | 461,000            | 461,000              | 456,000       | 451,000       |
|                           | 2018     | 443,000            | 460,000              | 432,000       | 428,000       |
|                           | 2019     | 984,000            | 731,000              | 712,000       | 678,000       |
|                           | 2020     | 797,000            | 982,000              | 1,077,000     | 1,162,000     |
| Private Passenger Total   |          | 3,323,000          | 3,246,000            | 3,283,000     | 3,314,000     |
|                           |          |                    |                      |               |               |
| Non Private Passenger     | prior    | 59,000             | 59,000               | 59,000        | 55,000        |
|                           | 2011     | (96,000)           | (96,000)             | (95,000)      | (91,000)      |
|                           | 2012     | 11,000             | 8,000                | 8,000         | 8,000         |
|                           | 2013     | 197,000            | 197,000              | 195,000       | 186,000       |
|                           | 2014     | 370,000            | 371,000              | 367,000       | 350,000       |
|                           | 2015     | 906,000            | 847,000              | 839,000       | 801,000       |
|                           | 2016     | 1,087,000          | 1,907,000            | 1,835,000     | 1,762,000     |
|                           | 2017     | 3,072,000          | 3,130,000            | 2,973,000     | 2,815,000     |
|                           | 2018     | 7,080,000          | 5,790,000            | 5,500,000     | 5,280,000     |
|                           | 2019     | 11,818,000         | 11,205,000           | 8,964,000     | 7,171,000     |
|                           | 2020     | 13,162,000         | 14,209,000           | 16,223,000    | 17,451,000    |
| Non Private Passenger Tot | tal      | 37,666,000         | 37,627,000           | 36,868,000    | 35,788,000    |
|                           |          |                    |                      |               |               |
| Grand Total               |          | 40,989,000         | 40,873,000           | 40,151,000    | 39,102,000    |

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<br>AccountCode Desc | Yukon<br>Undiscounted IBNR<br>Provision |
|---------------------------------------|---|
| AccountCode                           | (All)                                   |
| AccidentYear                          | (All)                                   |

interest rate margin: 0 basis pts

discount rate: 0.00%

|                           |          | Prior Month | <b>Current Month</b> | 1st Projected | 2nd Projected |
|---------------------------|----------|-------------|----------------------|---------------|---------------|
| Sum of Amount             |          | ShareYYMM   |                      |               |               |
| <b>Business Segment</b>   | Acc Year | 202005      | 202006               | 202007        | 202008        |
|                           |          |             |                      |               |               |
| 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     | 17,000      | 17,000               | 17,000        | 17,000        |
|                           | 2016     | 23,000      | 23,000               | 23,000        | 23,000        |
|                           | 2017     | 34,000      | 34,000               | 34,000        | 34,000        |
|                           | 2018     | 99,000      | 99,000               | 98,000        | 97,000        |
|                           | 2019     | 100,000     | 100,000              | 93,000        | 92,000        |
|                           | 2020     | 21,000      | 16,000               | 27,000        | 36,000        |
| Private Passenger Total   |          | 312,000     | 307,000              | 310,000       | 317,000       |
|                           |          |             |                      |               |               |
| Non Private Passenger     | prior    | 2,000       | 2,000                | 2,000         | 2,000         |
|                           | 2011     |             | -                    | -             | -             |
|                           | 2012     | 1,000       | 1,000                | 1,000         | 1,000         |
|                           | 2013     | 2,000       | 2,000                | 2,000         | 2,000         |
|                           | 2014     | 4,000       | 4,000                | 4,000         | 4,000         |
|                           | 2015     | 3,000       | 3,000                | 3,000         | 3,000         |
|                           | 2016     | 29,000      | 29,000               | 29,000        | 29,000        |
|                           | 2017     | 87,000      | 87,000               | 86,000        | 85,000        |
|                           | 2018     | 64,000      | 64,000               | 63,000        | 62,000        |
|                           | 2019     | 258,000     | 255,000              | 204,000       | 163,000       |
|                           | 2020     | 272,000     | 329,000              | 377,000       | 421,000       |
| Non Private Passenger Tot | tal      | 722,000     | 776,000              | 771,000       | 772,000       |
|                           |          |             |                      |               |               |
| Grand Total               |          | 1,034,000   | 1,083,000            | 1,081,000     | 1,089,000     |

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       |
| AccountCode Desc  | Undiscounted IBNR |
|                   | Provision         |
| AccountCode       | (AII)             |
| AccidentYear      | (AII)             |

discount rate: 0.00%

interest rate margin: 0 basis pts

|                           |          | <b>Prior Month</b> | <b>Current Month</b> | 1st Projected | 2nd Projected |
|---------------------------|----------|--------------------|----------------------|---------------|---------------|
| Sum of Amount             |          | ShareYYMM          |                      |               |               |
| <b>Business Segment</b>   | Acc Year | 202005             | 202006               | 202007        | 202008        |
|                           |          |                    |                      |               |               |
| 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     | 28,000             | 28,000               | 28,000        | 28,000        |
|                           | 2016     | 53,000             | 53,000               | 52,000        | 51,000        |
|                           | 2017     | 101,000            | 101,000              | 100,000       | 99,000        |
|                           | 2018     | 309,000            | 322,000              | 319,000       | 316,000       |
|                           | 2019     | 384,000            | 386,000              | 381,000       | 377,000       |
|                           | 2020     | 31,000             | 60,000               | 132,000       | 182,000       |
| Private Passenger Total   |          | 921,000            | 965,000              | 1,027,000     | 1,068,000     |
|                           |          |                    |                      |               |               |
| Non Private Passenger     | prior    | 3,000              | 3,000                | 3,000         | 3,000         |
|                           | 2011     |                    | -                    | -             | -             |
|                           | 2012     |                    | -                    | -             | -             |
|                           | 2013     | 7,000              | 7,000                | 7,000         | 7,000         |
|                           | 2014     | 26,000             | 26,000               | 26,000        | 26,000        |
|                           | 2015     | 12,000             | 12,000               | 12,000        | 12,000        |
|                           | 2016     | 41,000             | (127,000)            | (126,000)     | (125,000)     |
|                           | 2017     | 106,000            | 106,000              | 105,000       | 104,000       |
|                           | 2018     | 176,000            | 205,000              | 203,000       | 201,000       |
|                           | 2019     | 168,000            | 163,000              | 147,000       | 132,000       |
|                           | 2020     | 135,000            | 193,000              | 242,000       | 288,000       |
| Non Private Passenger Tot | tal      | 674,000            | 588,000              | 619,000       | 648,000       |
|                           |          |                    |                      |               |               |
| <b>Grand Total</b>        |          | 1,595,000          | 1,553,000            | 1,646,000     | 1,716,000     |

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

discount rate: 0.00%

3,000

3,000

6,000

23,000

66,000

151,000

47,000

125,000

424,000

510,000

3,000

3,000

6,000

23,000

65,000

149,000

42,000

137,000

428,000

516,000



Jurisdiction Desc

AccountCode Desc

Nunavut

2013

2014

2015

20162017

2018

2019

2020

**Non Private Passenger Total** 

**Grand Total** 

**Undiscounted IBNR** 

#### **EXHIBIT B**

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

page 9 of 10

|                         | Provision |                    | interest rate margin: 0 basis pts |               |               |  |  |
|-------------------------|-----------|--------------------|-----------------------------------|---------------|---------------|--|--|
| AccountCode             | (All)     |                    |                                   |               |               |  |  |
| AccidentYear            | (AII)     |                    |                                   |               |               |  |  |
|                         |           | <b>Prior Month</b> | <b>Current Month</b>              | 1st Projected | 2nd Projected |  |  |
| Sum of Amount           |           | ShareYYMM          |                                   |               |               |  |  |
| Business Segment        | Acc Year  | 202005             | 202006                            | 202007        | 202008        |  |  |
| Private Passenger       | prior     | -                  | -                                 | _             | -             |  |  |
| · ·                     | 2011      |                    | -                                 | -             | -             |  |  |
|                         | 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      | 3,000              | 3,000                             | 3,000         | 3,000         |  |  |
|                         | 2016      | 10,000             | 10,000                            | 10,000        | 10,000        |  |  |
|                         | 2017      | 16,000             | 16,000                            | 16,000        | 16,000        |  |  |
|                         | 2018      | 12,000             | 13,000                            | 13,000        | 13,000        |  |  |
|                         | 2019      | 26,000             | 26,000                            | 26,000        | 26,000        |  |  |
|                         | 2020      | 10,000             | 13,000                            | 15,000        | 17,000        |  |  |
| Private Passenger Total |           | 80,000             | 84,000                            | 86,000        | 88,000        |  |  |
| Non Private Passenger   | prior     |                    | _                                 | _             | _             |  |  |
| Non Filvate Fassenger   | 2011      |                    | _                                 | -             | _             |  |  |
|                         | 2011      |                    | _                                 | _             | _             |  |  |

3,000

3,000

6,000

23,000

67,000

123,000

99,000

80,000

404,000

484,000

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

3,000

3,000

6,000

23,000

67,000

153,000

52,000

109,000

416,000

500,000



#### **EXHIBIT B**

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

page 10 of 10

| Jurisdiction Desc<br>AccountCode Desc | (AII)<br>Undiscounted IBNR<br>Provision |
|---------------------------------------|---|
| AccountCode                           | (All)                                   |
| AccidentYear                          | (All)                                   |

interest rate margin: 0 basis pts

discount rate: 0.00%

|                           |          | Prior Month | <b>Current Month</b> | 1st Projected | 2nd Projected |
|---------------------------|----------|-------------|----------------------|---------------|---------------|
| Sum of Amount             |          | ShareYYMM   |                      |               |               |
| <b>Business Segment</b>   | Acc Year | 202005      | 202006               | 202007        | 202008        |
|                           |          |             |                      |               |               |
| Private Passenger         | prior    | 6,874,000   | 4,695,000            | 4,648,000     | 4,601,000     |
|                           | 2011     | 84,000      | 175,000              | 170,000       | 168,000       |
|                           | 2012     | 105,000     | (25,000)             | (21,000)      | (21,000)      |
|                           | 2013     | 158,000     | 147,000              | 145,000       | 143,000       |
|                           | 2014     | 141,000     | 92,000               | 87,000        | 86,000        |
|                           | 2015     | 161,000     | 74,000               | 89,000        | 88,000        |
|                           | 2016     | 1,065,000   | 830,000              | 822,000       | 803,000       |
|                           | 2017     | 3,810,000   | 2,876,000            | 2,780,000     | 2,683,000     |
|                           | 2018     | 6,564,000   | 6,605,000            | 6,362,000     | 6,173,000     |
|                           | 2019     | 12,094,000  | 9,202,000            | 8,827,000     | 8,433,000     |
|                           | 2020     | 13,711,000  | 16,789,000           | 19,384,000    | 21,123,000    |
| Private Passenger Total   |          | 44,767,000  | 41,460,000           | 43,293,000    | 44,280,000    |
|                           |          |             |                      |               |               |
| Non Private Passenger     | prior    | 56,000      | 144,000              | 143,000       | 131,000       |
|                           | 2011     | (40,000)    | (40,000)             | (40,000)      | (37,000)      |
|                           | 2012     | 20,000      | 462,000              | 457,000       | 452,000       |
|                           | 2013     | 360,000     | 130,000              | 129,000       | 116,000       |
|                           | 2014     | 362,000     | 208,000              | 206,000       | 191,000       |
|                           | 2015     | 903,000     | 838,000              | 831,000       | 786,000       |
|                           | 2016     | 2,159,000   | 2,941,000            | 2,858,000     | 2,705,000     |
|                           | 2017     | 5,933,000   | 5,646,000            | 5,452,000     | 5,236,000     |
|                           | 2018     | 13,346,000  | 12,109,000           | 11,587,000    | 11,151,000    |
|                           | 2019     | 28,448,000  | 27,794,000           | 23,482,000    | 19,906,000    |
|                           | 2020     | 28,064,000  | 31,042,000           | 35,310,000    | 38,568,000    |
| Non Private Passenger Tot | al       | 79,611,000  | 81,274,000           | 80,415,000    | 79,205,000    |
|                           |          |             |                      |               |               |
| Grand Total               |          | 124,378,000 | 122,734,000          | 123,708,000   | 123,485,000   |

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



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

page 1 of 10

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

discount rate: 0.66%

| Accidentifeat            | (AII)    |                    |                      |               |               |
|--------------------------|----------|--------------------|----------------------|---------------|---------------|
|                          |          | <b>Prior Month</b> | <b>Current Month</b> | 1st Projected | 2nd Projected |
| Sum of Amount            |          | ShareYYMM          |                      |               |               |
| <b>Business Segment</b>  | Acc Year | 202005             | 202006               | 202007        | 202008        |
|                          |          |                    |                      |               |               |
| Private Passenger        | prior    | 121,000            | 121,000              | 120,000       | 119,000       |
|                          | 2011     | 99,000             | 99,000               | 98,000        | 98,000        |
|                          | 2012     | 155,000            | 155,000              | 152,000       | 150,000       |
|                          | 2013     | 152,000            | 152,000              | 150,000       | 148,000       |
|                          | 2014     | 250,000            | 246,000              | 242,000       | 239,000       |
|                          | 2015     | 391,000            | 391,000              | 387,000       | 382,000       |
|                          | 2016     | 400,000            | 400,000              | 396,000       | 391,000       |
|                          | 2017     | 326,000            | 326,000              | 322,000       | 317,000       |
|                          | 2018     | 567,000            | 567,000              | 562,000       | 558,000       |
|                          | 2019     | 635,000            | 635,000              | 630,000       | 624,000       |
|                          | 2020     | 156,000            | 187,000              | 179,972       | 170,972       |
| Private Passenger Total  |          | 3,252,000          | 3,279,000            | 3,238,972     | 3,196,972     |
|                          |          |                    |                      |               |               |
| Non Private Passenger    | prior    | 43,000             | 43,000               | 43,000        | 43,000        |
|                          | 2011     | 30,000             | 30,000               | 30,000        | 30,000        |
|                          | 2012     | 40,000             | 40,000               | 39,000        | 38,000        |
|                          | 2013     | 40,000             | 40,000               | 39,000        | 37,000        |
|                          | 2014     | 68,000             | 67,000               | 66,000        | 65,000        |
|                          | 2015     | 119,000            | 119,000              | 118,000       | 117,000       |
|                          | 2016     | 132,000            | 132,000              | 131,000       | 130,000       |
|                          | 2017     | 114,000            | 114,000              | 113,000       | 112,000       |
|                          | 2018     | 214,000            | 214,000              | 212,000       | 210,000       |
|                          | 2019     | 246,000            | 246,000              | 244,000       | 242,000       |
|                          | 2020     | 52,000             | 62,000               | 59,706        | 57,706        |
| Non Private Passenger To | tal      | 1,098,000          | 1,107,000            | 1,094,706     | 1,081,706     |
|                          |          |                    |                      |               |               |
| Grand Total              |          | 4,350,000          | 4,386,000            | 4,333,678     | 4,278,678     |
|                          |          |                    |                      |               |               |



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

page 2 of 10

Jurisdiction Desc
AccountCode Desc
AccountCode
AccountCode
AccountCode
AccidentYear

New Brunswick
Retro Claims
Expense
(All)
(All)

discount rate: 0.66%

|                           |          | Prior Month | <b>Current Month</b> | 1st Projected | 2nd Projected |
|---------------------------|----------|-------------|----------------------|---------------|---------------|
| Sum of Amount             |          | ShareYYMM   |                      |               |               |
| <b>Business Segment</b>   | Acc Year | 202005      | 202006               | 202007        | 202008        |
|                           |          |             |                      |               |               |
| Private Passenger         | prior    | 95,000      | 89,000               | 86,000        | 83,000        |
|                           | 2011     | 68,000      | 68,000               | 66,000        | 64,000        |
|                           | 2012     | 118,000     | 118,000              | 115,000       | 111,000       |
|                           | 2013     | 118,000     | 118,000              | 114,000       | 111,000       |
|                           | 2014     | 143,000     | 143,000              | 139,000       | 134,000       |
|                           | 2015     | 244,000     | 244,000              | 228,000       | 222,000       |
|                           | 2016     | 218,000     | 217,000              | 210,000       | 204,000       |
|                           | 2017     | 235,000     | 221,000              | 215,000       | 208,000       |
|                           | 2018     | 239,000     | 239,000              | 232,000       | 225,000       |
|                           | 2019     | 363,000     | 361,000              | 353,000       | 334,000       |
|                           | 2020     | 97,000      | 116,000              | 136,021       | 156,021       |
| Private Passenger Total   |          | 1,938,000   | 1,934,000            | 1,894,021     | 1,852,021     |
|                           |          |             |                      |               |               |
| Non Private Passenger     | prior    | 80,000      | 75,000               | 74,000        | 73,000        |
|                           | 2011     | 52,000      | 52,000               | 51,000        | 50,000        |
|                           | 2012     | 87,000      | 87,000               | 85,000        | 83,000        |
|                           | 2013     | 83,000      | 83,000               | 80,000        | 79,000        |
|                           | 2014     | 94,000      | 94,000               | 91,000        | 89,000        |
|                           | 2015     | 150,000     | 150,000              | 140,000       | 138,000       |
|                           | 2016     | 131,000     | 130,000              | 128,000       | 126,000       |
|                           | 2017     | 149,000     | 141,000              | 138,000       | 136,000       |
|                           | 2018     | 171,000     | 171,000              | 167,000       | 164,000       |
|                           | 2019     | 288,000     | 288,000              | 284,000       | 268,000       |
|                           | 2020     | 77,000      | 94,000               | 107,524       | 126,524       |
| Non Private Passenger Tot | tal      | 1,362,000   | 1,365,000            | 1,345,524     | 1,332,524     |
|                           |          |             |                      |               |               |
| Grand Total               |          | 3,300,000   | 3,299,000            | 3,239,545     | 3,184,545     |



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

page 3 of 10

Jurisdiction Desc
AccountCode Desc
AccountCode
AccountCode
AccountCode
AccidentYear

Nova Scotia
Retro Claims
Expense
(All)

discount rate: 0.66%

|                           |          | <b>Prior Month</b> | <b>Current Month</b> | 1st Projected | 2nd Projected |
|---------------------------|----------|--------------------|----------------------|---------------|---------------|
| Sum of Amount             |          | ShareYYMM          |                      |               |               |
| <b>Business Segment</b>   | Acc Year | 202005             | 202006               | 202007        | 202008        |
|                           |          |                    |                      |               |               |
| Private Passenger         | prior    | 233,000            | 233,000              | 226,000       | 217,000       |
|                           | 2011     | 41,000             | 41,000               | 40,000        | 39,000        |
|                           | 2012     | 62,000             | 62,000               | 61,000        | 60,000        |
|                           | 2013     | 73,000             | 73,000               | 72,000        | 71,000        |
|                           | 2014     | 85,000             | 85,000               | 83,000        | 80,000        |
|                           | 2015     | 43,000             | 29,000               | 27,000        | 26,000        |
|                           | 2016     | 105,000            | 105,000              | 102,000       | 99,000        |
|                           | 2017     | 84,000             | 84,000               | 82,000        | 80,000        |
|                           | 2018     | 128,000            | 119,000              | 116,000       | 114,000       |
|                           | 2019     | 243,000            | 243,000              | 238,000       | 234,000       |
|                           | 2020     | 66,000             | 80,000               | 92,869        | 104,869       |
| Private Passenger Total   |          | 1,163,000          | 1,154,000            | 1,139,869     | 1,124,869     |
|                           |          |                    |                      |               |               |
| Non Private Passenger     | prior    | 89,000             | 89,000               | 88,000        | 87,000        |
|                           | 2011     | 40,000             | 40,000               | 39,000        | 38,000        |
|                           | 2012     | 69,000             | 69,000               | 68,000        | 67,000        |
|                           | 2013     | 88,000             | 88,000               | 86,000        | 84,000        |
|                           | 2014     | 111,000            | 111,000              | 109,000       | 107,000       |
|                           | 2015     | 60,000             | 39,000               | 37,000        | 34,000        |
|                           | 2016     | 142,000            | 142,000              | 140,000       | 138,000       |
|                           | 2017     | 114,000            | 114,000              | 112,000       | 110,000       |
|                           | 2018     | 156,000            | 145,000              | 142,000       | 139,000       |
|                           | 2019     | 231,000            | 231,000              | 227,000       | 222,000       |
|                           | 2020     | 71,000             | 86,000               | 98,363        | 114,363       |
| Non Private Passenger Tot | al       | 1,171,000          | 1,154,000            | 1,146,363     | 1,140,363     |
|                           |          |                    |                      |               |               |
| Grand Total               |          | 2,334,000          | 2,308,000            | 2,286,232     | 2,265,232     |



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

page 4 of 10

| Jurisdiction Desc | Prince Edward       |
|-------------------|---------------------|
|                   | Island              |
| AccountCode Desc  | <b>Retro Claims</b> |
|                   | Expense             |
| AccountCode       | (All)               |
| AccidentYear      | (AII)               |

discount rate: 0.66%

| Accidentieal              | (Δ11)    |             |                      |               |               |
|---------------------------|----------|-------------|----------------------|---------------|---------------|
|                           |          | Prior Month | <b>Current Month</b> | 1st Projected | 2nd Projected |
| Sum of Amount             |          | ShareYYMM   |                      |               |               |
| <b>Business Segment</b>   | Acc Year | 202005      | 202006               | 202007        | 202008        |
|                           |          |             |                      |               |               |
| Private Passenger         | prior    | 36,000      | 36,000               | 36,000        | 36,000        |
|                           | 2011     | 15,000      | 15,000               | 15,000        | 15,000        |
|                           | 2012     | 22,000      | 22,000               | 22,000        | 22,000        |
|                           | 2013     | 30,000      | 30,000               | 29,000        | 28,000        |
|                           | 2014     | 15,000      | 15,000               | 15,000        | 15,000        |
|                           | 2015     | 40,000      | 40,000               | 39,000        | 38,000        |
|                           | 2016     | 87,000      | 87,000               | 86,000        | 85,000        |
|                           | 2017     | 52,000      | 52,000               | 51,000        | 50,000        |
|                           | 2018     | 17,000      | 17,000               | 15,000        | 14,000        |
|                           | 2019     | 49,000      | 49,000               | 48,000        | 44,000        |
|                           | 2020     | 11,000      | 13,000               | 14,036        | 15,036        |
| Private Passenger Total   |          | 374,000     | 376,000              | 370,036       | 362,036       |
|                           |          |             |                      |               |               |
| Non Private Passenger     | prior    | 14,000      | 14,000               | 14,000        | 14,000        |
|                           | 2011     | 10,000      | 10,000               | 10,000        | 10,000        |
|                           | 2012     | 12,000      | 12,000               | 12,000        | 12,000        |
|                           | 2013     | 19,000      | 19,000               | 19,000        | 19,000        |
|                           | 2014     | 9,000       | 9,000                | 9,000         | 9,000         |
|                           | 2015     | 25,000      | 25,000               | 25,000        | 25,000        |
|                           | 2016     | 57,000      | 57,000               | 55,000        | 55,000        |
|                           | 2017     | 34,000      | 34,000               | 33,000        | 32,000        |
|                           | 2018     | 11,000      | 11,000               | 10,000        | 9,000         |
|                           | 2019     | 44,000      | 44,000               | 44,000        | 41,000        |
|                           | 2020     | 11,000      | 11,000               | 13,924        | 16,924        |
| Non Private Passenger Tot | tal      | 246,000     | 246,000              | 244,924       | 242,924       |
|                           |          |             |                      |               |               |
| <b>Grand Total</b>        |          | 620,000     | 622,000              | 614,960       | 604,960       |
|                           |          |             |                      |               |               |



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

page 5 of 10

Jurisdiction Desc
AccountCode Desc
AccountCode
AccountCode
AccountCode
AccidentYear

Ontario
Retro Claims
Expense
(All)
(All)

discount rate: 0.66%

| Accidentical              | (////)   |                    |                      |               |                      |
|---------------------------|----------|--------------------|----------------------|---------------|----------------------|
|                           |          | <b>Prior Month</b> | <b>Current Month</b> | 1st Projected | <b>2nd Projected</b> |
| Sum of Amount             |          | ShareYYMM          |                      |               |                      |
| <b>Business Segment</b>   | Acc Year | 202005             | 202006               | 202007        | 202008               |
|                           |          |                    |                      |               |                      |
| Private Passenger         | prior    | 2,828,000          | 2,828,000            | 2,738,000     | 2,658,000            |
|                           | 2011     | 386,000            | 386,000              | 375,000       | 364,000              |
|                           | 2012     | 240,000            | 240,000              | 232,000       | 224,000              |
|                           | 2013     | 454,000            | 454,000              | 440,000       | 428,000              |
|                           | 2014     | 444,000            | 444,000              | 431,000       | 418,000              |
|                           | 2015     | 549,000            | 546,000              | 533,000       | 520,000              |
|                           | 2016     | 479,000            | 479,000              | 453,000       | 440,000              |
|                           | 2017     | 570,000            | 559,000              | 544,000       | 529,000              |
|                           | 2018     | 639,000            | 623,000              | 602,000       | 582,000              |
|                           | 2019     | 1,347,000          | 1,347,000            | 1,309,000     | 1,243,000            |
|                           | 2020     | 374,000            | 456,000              | 564,766       | 657,766              |
| Private Passenger Total   |          | 8,310,000          | 8,362,000            | 8,221,766     | 8,063,766            |
|                           |          |                    |                      |               |                      |
| Non Private Passenger     | prior    | 995,000            | 995,000              | 973,000       | 958,000              |
|                           | 2011     | 311,000            | 311,000              | 304,000       | 298,000              |
|                           | 2012     | 225,000            | 225,000              | 220,000       | 216,000              |
|                           | 2013     | 696,000            | 696,000              | 682,000       | 668,000              |
|                           | 2014     | 833,000            | 833,000              | 817,000       | 800,000              |
|                           | 2015     | 1,222,000          | 1,215,000            | 1,195,000     | 1,176,000            |
|                           | 2016     | 1,065,000          | 1,065,000            | 1,017,000     | 996,000              |
|                           | 2017     | 1,267,000          | 1,244,000            | 1,221,000     | 1,198,000            |
|                           | 2018     | 2,007,000          | 1,956,000            | 1,912,000     | 1,870,000            |
|                           | 2019     | 4,170,000          | 4,169,000            | 4,093,000     | 3,925,000            |
|                           | 2020     | 901,000            | 1,067,000            | 1,307,176     | 1,503,176            |
| Non Private Passenger Tot | tal      | 13,692,000         | 13,776,000           | 13,741,176    | 13,608,176           |
|                           |          |                    |                      |               |                      |
| <b>Grand Total</b>        |          | 22,002,000         | 22,138,000           | 21,962,942    | 21,671,942           |
|                           |          |                    |                      |               |                      |



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

page 6 of 10

Jurisdiction Desc
Alberta
AccountCode Desc
Expense
AccountCode
AccidentYear

Alberta
Retro Claims
Expense
(All)
(All)

discount rate: 0.66%

| Accidentieal             | (AII)    |                    |                      |               |               |
|--------------------------|----------|--------------------|----------------------|---------------|---------------|
|                          |          | <b>Prior Month</b> | <b>Current Month</b> | 1st Projected | 2nd Projected |
| Sum of Amount            |          | ShareYYMM          |                      |               |               |
| <b>Business Segment</b>  | Acc Year | 202005             | 202006               | 202007        | 202008        |
|                          |          |                    |                      |               |               |
| Private Passenger        | prior    | 353,000            | 353,000              | 348,000       | 342,000       |
|                          | 2011     | 11,000             | 10,000               | 10,000        | 10,000        |
|                          | 2012     | 50,000             | 39,000               | 37,000        | 36,000        |
|                          | 2013     | 47,000             | 47,000               | 46,000        | 45,000        |
|                          | 2014     | 63,000             | 61,000               | 60,000        | 58,000        |
|                          | 2015     | 56,000             | 56,000               | 55,000        | 54,000        |
|                          | 2016     | 61,000             | 61,000               | 60,000        | 58,000        |
|                          | 2017     | 53,000             | 53,000               | 51,000        | 50,000        |
|                          | 2018     | 165,000            | 165,000              | 164,000       | 163,000       |
|                          | 2019     | 107,000            | 97,000               | 95,000        | 94,000        |
|                          | 2020     |                    | -                    | (21,037)      | (36,037)      |
| Private Passenger Total  |          | 966,000            | 942,000              | 904,963       | 873,963       |
|                          |          |                    |                      |               |               |
| Non Private Passenger    | prior    | 1,071,000          | 1,071,000            | 1,062,000     | 1,052,000     |
|                          | 2011     | 36,000             | 34,000               | 34,000        | 34,000        |
|                          | 2012     | 182,000            | 140,000              | 139,000       | 138,000       |
|                          | 2013     | 184,000            | 184,000              | 182,000       | 179,000       |
|                          | 2014     | 274,000            | 263,000              | 261,000       | 259,000       |
|                          | 2015     | 267,000            | 265,000              | 261,000       | 258,000       |
|                          | 2016     | 326,000            | 326,000              | 323,000       | 319,000       |
|                          | 2017     | 338,000            | 338,000              | 335,000       | 331,000       |
|                          | 2018     | 1,296,000          | 1,296,000            | 1,292,000     | 1,286,000     |
|                          | 2019     | 1,094,000          | 996,000              | 990,000       | 984,000       |
|                          | 2020     | (2,000)            | (1,000)              | (251,974)     | (442,974)     |
| Non Private Passenger To | tal      | 5,066,000          | 4,912,000            | 4,627,026     | 4,397,026     |
|                          |          |                    |                      |               |               |
| Grand Total              |          | 6,032,000          | 5,854,000            | 5,531,989     | 5,270,989     |
|                          |          |                    |                      |               |               |



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

page 7 of 10

Jurisdiction Desc
AccountCode Desc
AccountCode
AccountCode
AccidentYear

Yukon

Retro Claims

Expense

(All)

(All)

discount rate: 0.66%

| Accidentical             | (/////   |                    |                      |               |               |
|--------------------------|----------|--------------------|----------------------|---------------|---------------|
|                          |          | <b>Prior Month</b> | <b>Current Month</b> | 1st Projected | 2nd Projected |
| Sum of Amount            |          | ShareYYMM          |                      |               |               |
| <b>Business Segment</b>  | Acc Year | 202005             | 202006               | 202007        | 202008        |
|                          |          |                    |                      |               |               |
| Private Passenger        | prior    | 14,000             | 14,000               | 14,000        | 14,000        |
|                          | 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     | (15,000)           | (15,000)             | (16,000)      | (16,000)      |
|                          | 2016     | (2,000)            | (2,000)              | (2,000)       | (2,000)       |
|                          | 2017     | 4,000              | 4,000                | 4,000         | 4,000         |
|                          | 2018     | 6,000              | 6,000                | 6,000         | 6,000         |
|                          | 2019     | 1,000              | 1,000                | 1,000         | 1,000         |
|                          | 2020     |                    | (1,000)              | (987)         | (1,987)       |
| Private Passenger Total  |          | 23,000             | 22,000               | 21,013        | 20,013        |
|                          |          |                    |                      |               |               |
| Non Private Passenger    | prior    | 13,000             | 13,000               | 13,000        | 13,000        |
|                          | 2011     | 3,000              | 3,000                | 3,000         | 3,000         |
|                          | 2012     | 4,000              | 4,000                | 4,000         | 4,000         |
|                          | 2013     | 7,000              | 7,000                | 7,000         | 7,000         |
|                          | 2014     | 8,000              | 8,000                | 8,000         | 8,000         |
|                          | 2015     | (22,000)           | (22,000)             | (23,000)      | (23,000)      |
|                          | 2016     | (5,000)            | (5,000)              | (5,000)       | (5,000)       |
|                          | 2017     | 12,000             | 12,000               | 12,000        | 12,000        |
|                          | 2018     | 26,000             | 26,000               | 26,000        | 26,000        |
|                          | 2019     | 6,000              | 6,000                | 5,000         | 5,000         |
|                          | 2020     | (4,000)            | (5,000)              | (2,867)       | (3,867)       |
| Non Private Passenger To | tal      | 48,000             | 47,000               | 47,133        | 46,133        |
|                          |          |                    |                      |               |               |
| Grand Total              |          | 71,000             | 69,000               | 68,146        | 66,146        |
|                          |          |                    |                      |               |               |



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

page 8 of 10

| Jurisdiction Desc | Northwest    |
|-------------------|--------------|
|                   | Territories  |
| AccountCode Desc  | Retro Claims |
|                   | Expense      |
| AccountCode       | (AII)        |
| AccidentYear      | (AII)        |

discount rate: 0.66%

| Sum of Amount         ShareYYMM         Current Month         1st Projected           Business Segment         Acc Year         202005         202006         202007           Private Passenger         prior         9,000         9,000         9,000           2011         11,000         11,000         11,000 | 202008  9,000 11,000 14,000 19,000 |
|--|------------------------------------|
| Business Segment         Acc Year         202005         202006         202007           Private Passenger         prior         9,000         9,000         9,000           2011         11,000         11,000         11,000   | 9,000<br>11,000<br>14,000          |
| Private Passenger         prior         9,000         9,000         9,000           2011         11,000         11,000         11,000  | 9,000<br>11,000<br>14,000          |
| 2011 11,000 11,000 11,000  | 11,000<br>14,000                   |
| 2011 11,000 11,000 11,000  | 11,000<br>14,000                   |
|  | 14,000                             |
|  | •                                  |
| 2012 14,000 14,000 14,000  | 19,000                             |
| 2013 19,000 19,000 19,000  |                                    |
| 2014 22,000 22,000 22,000  | 22,000                             |
| 2015 1,000 1,000 1,000   | 1,000                              |
| 2016 23,000 23,000 23,000  | 23,000                             |
| 2017 17,000 17,000 17,000  | 17,000                             |
| 2018 5,000 5,000 5,000   | 5,000                              |
| 2019 19,000 19,000 19,000  | 19,000                             |
| 2020 (13,000) (16,000) (19,105)  | (21,105)                           |
| Private Passenger Total 127,000 124,000 120,895  | 118,895                            |
|  |                                    |
| Non Private Passenger prior 2,000 2,000 2,000  | 2,000                              |
| 2011 3,000 3,000 3,000   | 3,000                              |
| 2012 6,000 6,000 6,000   | 6,000                              |
| 2013 7,000 7,000 7,000   | 7,000                              |
| 2014 8,000 8,000 8,000   | 8,000                              |
| 2015   | -                                  |
| 2016 9,000 9,000 9,000   | 9,000                              |
| 2017 8,000 8,000 8,000   | 8,000                              |
| 2018 2,000 2,000 2,000   | 2,000                              |
| 2019 11,000 11,000 11,000  | 11,000                             |
| 2020 (9,000) (10,000) (12,945)   | (14,945)                           |
| Non Private Passenger Total 47,000 46,000 43,055   | 41,055                             |
|  |                                    |
| Grand Total 174,000 170,000 163,950  | 159,950                            |



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

page 9 of 10

Jurisdiction Desc
AccountCode Desc
AccountCode
AccountCode
AccountCode
AccidentYear

Nunavut
Retro Claims
Expense
(All)
(All)

discount rate: 0.66%

|                           |          | Prior Month | <b>Current Month</b> | 1st Projected | 2nd Projected |
|---------------------------|----------|-------------|----------------------|---------------|---------------|
| Sum of Amount             |          | ShareYYMM   |                      |               |               |
| <b>Business Segment</b>   | Acc Year | 202005      | 202006               | 202007        | 202008        |
|                           |          |             |                      |               |               |
| Private Passenger         | prior    | 2,000       | 2,000                | 2,000         | 2,000         |
|                           | 2011     | 2,000       | 2,000                | 2,000         | 2,000         |
|                           | 2012     | 4,000       | 4,000                | 4,000         | 4,000         |
|                           | 2013     | 6,000       | 6,000                | 6,000         | 6,000         |
|                           | 2014     | 6,000       | 6,000                | 6,000         | 6,000         |
|                           | 2015     | 6,000       | 6,000                | 6,000         | 6,000         |
|                           | 2016     | 4,000       | 4,000                | 4,000         | 4,000         |
|                           | 2017     | 2,000       | 2,000                | 2,000         | 2,000         |
|                           | 2018     |             | -                    | -             | -             |
|                           | 2019     | 1,000       | 1,000                | 1,000         | 1,000         |
|                           | 2020     | (2,000)     | (2,000)              | (2,346)       | (3,346)       |
| Private Passenger Total   |          | 31,000      | 31,000               | 30,654        | 29,654        |
|                           |          |             |                      |               |               |
| Non Private Passenger     | prior    | 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     | 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     | 6,000       | 6,000                | 6,000         | 6,000         |
|                           | 2017     | 6,000       | 6,000                | 6,000         | 6,000         |
|                           | 2018     | 2,000       | 2,000                | 2,000         | 2,000         |
|                           | 2019     | 6,000       | 6,000                | 6,000         | 6,000         |
|                           | 2020     | (8,000)     | (10,000)             | (11,914)      | (13,914)      |
| Non Private Passenger Tot | al       | 29,000      | 27,000               | 25,086        | 23,086        |
| Grand Total               |          | 60,000      | 58,000               | 55,740        | 52,740        |
| Grand Total               |          | 00,000      | 30,000               | 55,740        | 52,740        |



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

page 10 of 10

Jurisdiction Desc (All)
AccountCode Desc Retro Claims
Expense
AccountCode (All)
AccidentYear (All)

discount rate: 0.66%

| Accidentieal             | (All)    |                    |                      |               |               |
|--------------------------|----------|--------------------|----------------------|---------------|---------------|
|                          |          | <b>Prior Month</b> | <b>Current Month</b> | 1st Projected | 2nd Projected |
| Sum of Amount            |          | ShareYYMM          |                      |               |               |
| <b>Business Segment</b>  | Acc Year | 202005             | 202006               | 202007        | 202008        |
|                          |          |                    |                      |               |               |
| Private Passenger        | prior    | 3,691,000          | 3,685,000            | 3,579,000     | 3,480,000     |
|                          | 2011     | 635,000            | 634,000              | 619,000       | 605,000       |
|                          | 2012     | 668,000            | 657,000              | 640,000       | 624,000       |
|                          | 2013     | 903,000            | 903,000              | 880,000       | 860,000       |
|                          | 2014     | 1,034,000          | 1,028,000            | 1,004,000     | 978,000       |
|                          | 2015     | 1,315,000          | 1,298,000            | 1,260,000     | 1,233,000     |
|                          | 2016     | 1,375,000          | 1,374,000            | 1,332,000     | 1,302,000     |
|                          | 2017     | 1,343,000          | 1,318,000            | 1,288,000     | 1,257,000     |
|                          | 2018     | 1,766,000          | 1,741,000            | 1,702,000     | 1,667,000     |
|                          | 2019     | 2,765,000          | 2,753,000            | 2,694,000     | 2,594,000     |
|                          | 2020     | 689,000            | 833,000              | 944,189       | 1,042,189     |
| Private Passenger Total  |          | 16,184,000         | 16,224,000           | 15,942,189    | 15,642,189    |
|                          |          |                    |                      |               |               |
| Non Private Passenger    | prior    | 2,308,000          | 2,303,000            | 2,270,000     | 2,243,000     |
|                          | 2011     | 487,000            | 485,000              | 476,000       | 468,000       |
|                          | 2012     | 628,000            | 586,000              | 576,000       | 567,000       |
|                          | 2013     | 1,127,000          | 1,127,000            | 1,105,000     | 1,083,000     |
|                          | 2014     | 1,409,000          | 1,397,000            | 1,373,000     | 1,349,000     |
|                          | 2015     | 1,825,000          | 1,795,000            | 1,757,000     | 1,729,000     |
|                          | 2016     | 1,863,000          | 1,862,000            | 1,804,000     | 1,774,000     |
|                          | 2017     | 2,042,000          | 2,011,000            | 1,978,000     | 1,945,000     |
|                          | 2018     | 3,885,000          | 3,823,000            | 3,765,000     | 3,708,000     |
|                          | 2019     | 6,096,000          | 5,997,000            | 5,904,000     | 5,704,000     |
|                          | 2020     | 1,089,000          | 1,294,000            | 1,306,993     | 1,342,993     |
| Non Private Passenger To | tal      | 22,759,000         | 22,680,000           | 22,314,993    | 21,912,993    |
|                          |          |                    |                      |               |               |
| Grand Total              |          | 38,943,000         | 38,904,000           | 38,257,182    | 37,555,182    |
|                          |          |                    |                      |               |               |



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

page 1 of 10

| Jurisdiction Desc | Newfoundland & |
|-------------------|----------------|
|                   | Labrador       |
| AccountCode Desc  | Undiscounted   |
|                   | Retro Claims   |
|                   | Expense        |
| AccountCode       | (All)          |
| AccidentYear      | (All)          |

discount rate: 0.00%

|                           |          | <b>Prior Month</b> | <b>Current Month</b> | 1st Projected | 2nd Projected |
|---------------------------|----------|--------------------|----------------------|---------------|---------------|
| Sum of Amount             |          | ShareYYMM          |                      |               |               |
| <b>Business Segment</b>   | Acc Year | 202005             | 202006               | 202007        | 202008        |
|                           |          |                    |                      |               |               |
| Private Passenger         | prior    | 109,000            | 109,000              | 108,000       | 107,000       |
|                           | 2011     | 93,000             | 93,000               | 92,000        | 91,000        |
|                           | 2012     | 145,000            | 145,000              | 143,000       | 141,000       |
|                           | 2013     | 142,000            | 142,000              | 140,000       | 138,000       |
|                           | 2014     | 231,000            | 227,000              | 224,000       | 221,000       |
|                           | 2015     | 346,000            | 346,000              | 342,000       | 338,000       |
|                           | 2016     | 333,000            | 333,000              | 329,000       | 325,000       |
|                           | 2017     | 259,000            | 259,000              | 255,000       | 251,000       |
|                           | 2018     | 457,000            | 457,000              | 453,000       | 449,000       |
|                           | 2019     | 495,000            | 495,000              | 490,000       | 485,000       |
|                           | 2020     | 92,000             | 110,000              | 102,972       | 81,972        |
| Private Passenger Total   |          | 2,702,000          | 2,716,000            | 2,678,972     | 2,627,972     |
|                           |          |                    |                      |               |               |
| Non Private Passenger     | prior    | 39,000             | 39,000               | 39,000        | 39,000        |
|                           | 2011     | 27,000             | 27,000               | 27,000        | 27,000        |
|                           | 2012     | 37,000             | 37,000               | 36,000        | 35,000        |
|                           | 2013     | 36,000             | 36,000               | 35,000        | 34,000        |
|                           | 2014     | 63,000             | 62,000               | 61,000        | 60,000        |
|                           | 2015     | 104,000            | 104,000              | 103,000       | 102,000       |
|                           | 2016     | 110,000            | 110,000              | 109,000       | 108,000       |
|                           | 2017     | 90,000             | 90,000               | 89,000        | 88,000        |
|                           | 2018     | 172,000            | 172,000              | 170,000       | 168,000       |
|                           | 2019     | 191,000            | 191,000              | 189,000       | 187,000       |
|                           | 2020     | 31,000             | 37,000               | 34,706        | 27,706        |
| Non Private Passenger Tot | tal      | 900,000            | 905,000              | 892,706       | 875,706       |
|                           |          |                    |                      |               |               |
| Grand Total               |          | 3,602,000          | 3,621,000            | 3,571,678     | 3,503,678     |



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

page 2 of 10

| Jurisdiction Desc | New Brunswick       |
|-------------------|---------------------|
| AccountCode Desc  | Undiscounted        |
|                   | <b>Retro Claims</b> |
|                   | Expense             |
| AccountCode       | (All)               |
| AccidentYear      | (AII)               |

discount rate: 0.00%

| recidentical             | (/ 111)  | Dulan Manuali | Comment Manually | 4 at Boots and | and posterior |
|--------------------------|----------|---------------|------------------|----------------|---------------|
|                          |          | Prior Month   | Current Month    | 1st Projected  | 2nd Projected |
| Sum of Amount            |          | ShareYYMM     |                  |                |               |
| Business Segment         | Acc Year | 202005        | 202006           | 202007         | 202008        |
|                          |          |               |                  |                |               |
| Private Passenger        | prior    | 87,000        | 82,000           | 79,000         | 76,000        |
|                          | 2011     | 63,000        | 63,000           | 61,000         | 59,000        |
|                          | 2012     | 108,000       | 108,000          | 105,000        | 102,000       |
|                          | 2013     | 107,000       | 107,000          | 104,000        | 101,000       |
|                          | 2014     | 131,000       | 131,000          | 127,000        | 123,000       |
|                          | 2015     | 206,000       | 206,000          | 202,000        | 198,000       |
|                          | 2016     | 186,000       | 185,000          | 179,000        | 173,000       |
|                          | 2017     | 174,000       | 174,000          | 168,000        | 162,000       |
|                          | 2018     | 165,000       | 165,000          | 159,000        | 153,000       |
|                          | 2019     | 265,000       | 265,000          | 258,000        | 251,000       |
|                          | 2020     | 53,000        | 64,000           | 75,021         | 86,021        |
| Private Passenger Total  |          | 1,545,000     | 1,550,000        | 1,517,021      | 1,484,021     |
|                          |          |               |                  |                |               |
| Non Private Passenger    | prior    | 73,000        | 69,000           | 68,000         | 67,000        |
|                          | 2011     | 48,000        | 48,000           | 47,000         | 46,000        |
|                          | 2012     | 80,000        | 80,000           | 78,000         | 76,000        |
|                          | 2013     | 76,000        | 76,000           | 74,000         | 73,000        |
|                          | 2014     | 85,000        | 85,000           | 83,000         | 81,000        |
|                          | 2015     | 127,000       | 127,000          | 125,000        | 123,000       |
|                          | 2016     | 112,000       | 111,000          | 109,000        | 107,000       |
|                          | 2017     | 111,000       | 111,000          | 108,000        | 106,000       |
|                          | 2018     | 118,000       | 118,000          | 115,000        | 112,000       |
|                          | 2019     | 211,000       | 211,000          | 207,000        | 203,000       |
|                          | 2020     | 42,000        | 51,000           | 59,524         | 69,524        |
| Non Private Passenger To | tal      | 1,083,000     | 1,087,000        | 1,073,524      | 1,063,524     |
|                          |          |               |                  |                |               |
| <b>Grand Total</b>       |          | 2,628,000     | 2,637,000        | 2,590,545      | 2,547,545     |
|                          |          |               |                  |                |               |



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

page 3 of 10

| Jurisdiction Desc | Nova Scotia  |
|-------------------|--------------|
| AccountCode Desc  | Undiscounted |
|                   | Retro Claims |
|                   | Expense      |
| AccountCode       | (AII)        |
| AccidentYear      | (AII)        |

discount rate: 0.00%

| 7.00.00.11.00.            | (,)      | Prior Month | <b>Current Month</b> | 1st Projected | 2nd Projected |
|---------------------------|----------|-------------|----------------------|---------------|---------------|
| Sum of Amount             |          | ShareYYMM   |                      |               |               |
| Business Segment          | Acc Year | 202005      | 202006               | 202007        | 202008        |
|                           |          |             |                      |               |               |
| Private Passenger         | prior    | 212,000     | 212,000              | 206,000       | 200,000       |
|                           | 2011     | 38,000      | 38,000               | 37,000        | 36,000        |
|                           | 2012     | 57,000      | 57,000               | 56,000        | 55,000        |
|                           | 2013     | 67,000      | 67,000               | 66,000        | 65,000        |
|                           | 2014     | 78,000      | 78,000               | 76,000        | 74,000        |
|                           | 2015     | 36,000      | 23,000               | 22,000        | 21,000        |
|                           | 2016     | 80,000      | 80,000               | 78,000        | 76,000        |
|                           | 2017     | 59,000      | 59,000               | 57,000        | 55,000        |
|                           | 2018     | 87,000      | 87,000               | 85,000        | 83,000        |
|                           | 2019     | 161,000     | 161,000              | 157,000       | 153,000       |
|                           | 2020     | 19,000      | 23,000               | 26,869        | 29,869        |
| Private Passenger Total   |          | 894,000     | 885,000              | 866,869       | 847,869       |
|                           |          |             |                      |               | <b></b>       |
| Non Private Passenger     | prior    | 80,000      | 80,000               | 79,000        | 78,000        |
|                           | 2011     | 37,000      | 37,000               | 36,000        | 35,000        |
|                           | 2012     | 63,000      | 63,000               | 62,000        | 61,000        |
|                           | 2013     | 82,000      | 82,000               | 80,000        | 78,000        |
|                           | 2014     | 102,000     | 102,000              | 100,000       | 98,000        |
|                           | 2015     | 50,000      | 31,000               | 29,000        | 27,000        |
|                           | 2016     | 110,000     | 110,000              | 108,000       | 106,000       |
|                           | 2017     | 79,000      | 79,000               | 77,000        | 75,000        |
|                           | 2018     | 107,000     | 107,000              | 104,000       | 101,000       |
|                           | 2019     | 154,000     | 154,000              | 150,000       | 146,000       |
|                           | 2020     | 21,000      | 25,000               | 28,363        | 33,363        |
| Non Private Passenger Tot | tal      | 885,000     | 870,000              | 853,363       | 838,363       |
|                           |          |             |                      |               |               |
| Grand Total               |          | 1,779,000   | 1,755,000            | 1,720,232     | 1,686,232     |



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

page 4 of 10

| Jurisdiction Desc | Prince Edward       |
|-------------------|---------------------|
|                   | Island              |
| AccountCode Desc  | Undiscounted        |
|                   | <b>Retro Claims</b> |
|                   | Expense             |
| AccountCode       | (AII)               |
| AccidentYear      | (All)               |

discount rate: 0.00%

|                           |          | <b>Prior Month</b> | <b>Current Month</b> | 1st Projected | 2nd Projected |
|---------------------------|----------|--------------------|----------------------|---------------|---------------|
| Sum of Amount             |          | ShareYYMM          |                      |               |               |
| <b>Business Segment</b>   | Acc Year | 202005             | 202006               | 202007        | 202008        |
|                           |          |                    |                      |               |               |
| Private Passenger         | prior    | 33,000             | 33,000               | 33,000        | 33,000        |
|                           | 2011     | 14,000             | 14,000               | 14,000        | 14,000        |
|                           | 2012     | 20,000             | 20,000               | 20,000        | 20,000        |
|                           | 2013     | 27,000             | 27,000               | 26,000        | 25,000        |
|                           | 2014     | 14,000             | 14,000               | 14,000        | 14,000        |
|                           | 2015     | 32,000             | 32,000               | 31,000        | 30,000        |
|                           | 2016     | 76,000             | 76,000               | 75,000        | 74,000        |
|                           | 2017     | 37,000             | 37,000               | 36,000        | 35,000        |
|                           | 2018     | 4,000              | 4,000                | 3,000         | 2,000         |
|                           | 2019     | 31,000             | 31,000               | 30,000        | 29,000        |
|                           | 2020     | 3,000              | 4,000                | 4,036         | 5,036         |
| Private Passenger Total   |          | 291,000            | 292,000              | 286,036       | 281,036       |
|                           |          |                    |                      |               |               |
| Non Private Passenger     | prior    | 13,000             | 13,000               | 13,000        | 13,000        |
|                           | 2011     | 9,000              | 9,000                | 9,000         | 9,000         |
|                           | 2012     | 12,000             | 12,000               | 12,000        | 12,000        |
|                           | 2013     | 17,000             | 17,000               | 17,000        | 17,000        |
|                           | 2014     | 9,000              | 9,000                | 9,000         | 9,000         |
|                           | 2015     | 20,000             | 20,000               | 20,000        | 20,000        |
|                           | 2016     | 49,000             | 49,000               | 48,000        | 48,000        |
|                           | 2017     | 25,000             | 25,000               | 24,000        | 23,000        |
|                           | 2018     | 2,000              | 2,000                | 1,000         | -             |
|                           | 2019     | 29,000             | 29,000               | 28,000        | 27,000        |
|                           | 2020     | 3,000              | 3,000                | 3,924         | 5,924         |
| Non Private Passenger Tot | al       | 188,000            | 188,000              | 184,924       | 183,924       |
|                           |          |                    |                      |               |               |
| Grand Total               |          | 479,000            | 480,000              | 470,960       | 464,960       |



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

page 5 of 10

| Jurisdiction Desc | Ontario             |
|-------------------|---------------------|
| AccountCode Desc  | Undiscounted        |
|                   | <b>Retro Claims</b> |
|                   | Expense             |
| AccountCode       | (AII)               |
| AccidentYear      | (AII)               |

discount rate: 0.00%

| / toolaciici cai         | (7 (11)  |                    |                      |               |               |
|--------------------------|----------|--------------------|----------------------|---------------|---------------|
|                          |          | <b>Prior Month</b> | <b>Current Month</b> | 1st Projected | 2nd Projected |
| Sum of Amount            |          | ShareYYMM          |                      |               |               |
| <b>Business Segment</b>  | Acc Year | 202005             | 202006               | 202007        | 202008        |
|                          |          |                    |                      |               |               |
| Private Passenger        | prior    | 2,615,000          | 2,615,000            | 2,536,000     | 2,459,000     |
|                          | 2011     | 362,000            | 362,000              | 351,000       | 340,000       |
|                          | 2012     | 224,000            | 224,000              | 217,000       | 210,000       |
|                          | 2013     | 420,000            | 420,000              | 407,000       | 395,000       |
|                          | 2014     | 410,000            | 410,000              | 398,000       | 386,000       |
|                          | 2015     | 486,000            | 483,000              | 471,000       | 459,000       |
|                          | 2016     | 417,000            | 417,000              | 404,000       | 392,000       |
|                          | 2017     | 488,000            | 479,000              | 465,000       | 451,000       |
|                          | 2018     | 521,000            | 521,000              | 502,000       | 484,000       |
|                          | 2019     | 1,087,000          | 1,087,000            | 1,054,000     | 1,022,000     |
|                          | 2020     | 227,000            | 275,000              | 321,766       | 373,766       |
| Private Passenger Total  |          | 7,257,000          | 7,293,000            | 7,126,766     | 6,971,766     |
|                          |          |                    |                      |               |               |
| Non Private Passenger    | prior    | 918,000            | 918,000              | 899,000       | 883,000       |
|                          | 2011     | 287,000            | 287,000              | 281,000       | 275,000       |
|                          | 2012     | 205,000            | 205,000              | 201,000       | 197,000       |
|                          | 2013     | 641,000            | 641,000              | 628,000       | 615,000       |
|                          | 2014     | 764,000            | 764,000              | 749,000       | 734,000       |
|                          | 2015     | 1,081,000          | 1,074,000            | 1,056,000     | 1,039,000     |
|                          | 2016     | 924,000            | 924,000              | 905,000       | 886,000       |
|                          | 2017     | 1,085,000          | 1,065,000            | 1,044,000     | 1,023,000     |
|                          | 2018     | 1,639,000          | 1,639,000            | 1,600,000     | 1,562,000     |
|                          | 2019     | 3,365,000          | 3,364,000            | 3,295,000     | 3,227,000     |
|                          | 2020     | 541,000            | 641,000              | 737,176       | 849,176       |
| Non Private Passenger To | tal      | 11,450,000         | 11,522,000           | 11,395,176    | 11,290,176    |
|                          |          |                    |                      |               |               |
| <b>Grand Total</b>       |          | 18,707,000         | 18,815,000           | 18,521,942    | 18,261,942    |
|                          |          |                    |                      |               |               |



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

page 6 of 10

| Jurisdiction Desc | Alberta             |
|-------------------|---------------------|
| AccountCode Desc  | Undiscounted        |
|                   | <b>Retro Claims</b> |
|                   | Expense             |
| AccountCode       | (AII)               |
| AccidentYear      | (AII)               |

discount rate: 0.00%

|                           |          | Prior Month | <b>Current Month</b> | 1st Projected | 2nd Projected |
|---------------------------|----------|-------------|----------------------|---------------|---------------|
| Sum of Amount             |          | ShareYYMM   |                      |               |               |
| Business Segment          | Acc Year | 202005      | 202006               | 202007        | 202008        |
| Delanta Danasana          |          | 222.000     | 222.000              | 247.000       | 242.000       |
| Private Passenger         | prior    | 322,000     | 322,000              | 317,000       | 312,000       |
|                           | 2011     | 10,000      | 9,000                | 9,000         | 9,000         |
|                           | 2012     | 46,000      | 35,000               | 34,000        | 33,000        |
|                           | 2013     | 43,000      | 43,000               | 42,000        | 41,000        |
|                           | 2014     | 58,000      | 56,000               | 55,000        | 54,000        |
|                           | 2015     | 51,000      | 51,000               | 50,000        | 49,000        |
|                           | 2016     | 37,000      | 37,000               | 36,000        | 35,000        |
|                           | 2017     | 44,000      | 44,000               | 43,000        | 42,000        |
|                           | 2018     | 137,000     | 137,000              | 136,000       | 135,000       |
|                           | 2019     | 61,000      | 61,000               | 60,000        | 59,000        |
|                           | 2020     | (13,000)    | (15,000)             | (33,037)      | (50,037)      |
| Private Passenger Total   |          | 796,000     | 780,000              | 748,963       | 718,963       |
| Non Private Passenger     | prior    | 981,000     | 981,000              | 972,000       | 963,000       |
| Non i invate i assenger   | 2011     | 34,000      | 31,000               | 31,000        | 31,000        |
|                           | 2012     | 167,000     | 129,000              | 128,000       | 127,000       |
|                           | 2013     | 169,000     | 169,000              | 167,000       | 165,000       |
|                           | 2014     | 251,000     | 242,000              | 240,000       | 238,000       |
|                           | 2015     | 239,000     | 237,000              | 234,000       | 231,000       |
|                           | 2016     | 199,000     | 199,000              | 196,000       | 193,000       |
|                           | 2010     | 282,000     | 282,000              | •             | 276,000       |
|                           |          |             |                      | 279,000       |               |
|                           | 2018     | 1,077,000   | 1,077,000            | 1,073,000     | 1,069,000     |
|                           | 2019     | 630,000     | 630,000              | 624,000       | 618,000       |
|                           | 2020     | (142,000)   | (168,000)            | (392,974)     | (608,974)     |
| Non Private Passenger Tot | tal      | 3,887,000   | 3,809,000            | 3,551,026     | 3,302,026     |
| Grand Total               |          | 4,683,000   | 4,589,000            | 4,299,989     | 4,020,989     |



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

page 7 of 10

| Jurisdiction Desc | Yukon               |
|-------------------|---------------------|
| AccountCode Desc  | Undiscounted        |
|                   | <b>Retro Claims</b> |
|                   | Expense             |
| AccountCode       | (All)               |
| AccidentYear      | (AII)               |

discount rate: 0.00%

|                          | ,        | Prior Month | <b>Current Month</b> | 1st Projected | 2nd Projected |
|--------------------------|----------|-------------|----------------------|---------------|---------------|
| Sum of Amount            |          | ShareYYMM   |                      |               |               |
| <b>Business Segment</b>  | Acc Year | 202005      | 202006               | 202007        | 202008        |
| Private Passenger        | prior    | 13,000      | 13,000               | 13,000        | 13,000        |
| r ilvate r assengei      | 2011     | 2,000       | 2,000                | 2,000         | 2,000         |
|                          | 2012     | 3,000       | 3,000                | 3,000         | 3,000         |
|                          | 2012     | 4,000       | 4,000                | 4,000         | 4,000         |
|                          | 2013     | 5,000       | 5,000                | 5,000         | 5,000         |
|                          | 2014     | (17,000)    | (17,000)             | (17,000)      | (17,000)      |
|                          | 2015     | (3,000)     | (3,000)              | (3,000)       | (3,000)       |
|                          | 2017     | 1,000       | 1,000                | 1,000         | 1,000         |
|                          | 2017     | 5,000       | 5,000                | 5,000         | 5,000         |
|                          | 2018     | 3,000       | 3,000                | 5,000         | 5,000         |
|                          | 2019     | (1,000)     | (2,000)              | (1,987)       | (2,987)       |
| Private Passenger Total  | 2020     | 12,000      | 11,000               | 11,013        | 10,013        |
| riivate rasseilgei Totai |          | 12,000      | 11,000               | 11,013        | 10,013        |
| Non Private Passenger    | prior    | 12,000      | 12,000               | 12,000        | 12,000        |
|                          | 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     | 7,000       | 7,000                | 7,000         | 7,000         |
|                          | 2015     | (24,000)    | (24,000)             | (24,000)      | (24,000)      |
|                          | 2016     | (7,000)     | (7,000)              | (7,000)       | (7,000)       |
|                          | 2017     | 1,000       | 1,000                | 1,000         | 1,000         |
|                          | 2018     | 21,000      | 21,000               | 21,000        | 21,000        |
|                          | 2019     | (1,000)     | (1,000)              | (1,000)       | (1,000)       |
|                          | 2020     | (7,000)     | (9,000)              | (7,867)       | (8,867)       |
| Non Private Passenger To | tal      | 15,000      | 13,000               | 14,133        | 13,133        |
|                          |          |             |                      |               |               |
| <b>Grand Total</b>       |          | 27,000      | 24,000               | 25,146        | 23,146        |
|                          |          |             |                      |               |               |



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

page 8 of 10

| Jurisdiction Desc | Northwest    |
|-------------------|--------------|
|                   | Territories  |
| AccountCode Desc  | Undiscounted |
|                   | Retro Claims |
|                   | Expense      |
| AccountCode       | (All)        |
| AccidentYear      | (AII)        |

discount rate: 0.00%

|                           |          | <b>Prior Month</b> | <b>Current Month</b> | 1st Projected | 2nd Projected |
|---------------------------|----------|--------------------|----------------------|---------------|---------------|
| Sum of Amount             |          | ShareYYMM          |                      |               |               |
| <b>Business Segment</b>   | Acc Year | 202005             | 202006               | 202007        | 202008        |
|                           |          |                    |                      |               |               |
| Private Passenger         | prior    | 8,000              | 8,000                | 8,000         | 8,000         |
|                           | 2011     | 10,000             | 10,000               | 10,000        | 10,000        |
|                           | 2012     | 13,000             | 13,000               | 13,000        | 13,000        |
|                           | 2013     | 17,000             | 17,000               | 17,000        | 17,000        |
|                           | 2014     | 20,000             | 20,000               | 20,000        | 20,000        |
|                           | 2015     | (1,000)            | (1,000)              | (1,000)       | (1,000)       |
|                           | 2016     | 21,000             | 21,000               | 21,000        | 21,000        |
|                           | 2017     | 9,000              | 9,000                | 9,000         | 9,000         |
|                           | 2018     |                    | -                    | -             | -             |
|                           | 2019     | 9,000              | 9,000                | 9,000         | 9,000         |
|                           | 2020     | (17,000)           | (21,000)             | (26,105)      | (28,105)      |
| Private Passenger Total   |          | 89,000             | 85,000               | 79,895        | 77,895        |
|                           |          |                    |                      |               |               |
| Non Private Passenger     | prior    | 2,000              | 2,000                | 2,000         | 2,000         |
|                           | 2011     | 3,000              | 3,000                | 3,000         | 3,000         |
|                           | 2012     | 5,000              | 5,000                | 5,000         | 5,000         |
|                           | 2013     | 6,000              | 6,000                | 6,000         | 6,000         |
|                           | 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     | 4,000              | 4,000                | 4,000         | 4,000         |
|                           | 2018     |                    | -                    | -             | -             |
|                           | 2019     | 5,000              | 5,000                | 5,000         | 5,000         |
|                           | 2020     | (11,000)           | (14,000)             | (17,945)      | (20,945)      |
| Non Private Passenger Tot | al       | 28,000             | 25,000               | 21,055        | 18,055        |
| Grand Total               |          | 117,000            | 110,000              | 100,950       | 95,950        |
| G.G 10tal                 |          | 117,000            | 110,000              | 100,330       | 33,330        |



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

page 9 of 10

| Jurisdiction Desc | Nunavut      |
|-------------------|--------------|
| AccountCode Desc  | Undiscounted |
|                   | Retro Claims |
|                   | Expense      |
| AccountCode       | (AII)        |
| AccidentYear      | (AII)        |

discount rate: 0.00%

|                           |          | Prior Month | <b>Current Month</b> | 1st Projected | 2nd Projected |
|---------------------------|----------|-------------|----------------------|---------------|---------------|
| Sum of Amount             |          | ShareYYMM   |                      |               |               |
| <b>Business Segment</b>   | Acc Year | 202005      | 202006               | 202007        | 202008        |
|                           |          |             |                      |               |               |
| Private Passenger         | prior    | 2,000       | 2,000                | 2,000         | 2,000         |
|                           | 2011     | 2,000       | 2,000                | 2,000         | 2,000         |
|                           | 2012     | 4,000       | 4,000                | 4,000         | 4,000         |
|                           | 2013     | 5,000       | 5,000                | 5,000         | 5,000         |
|                           | 2014     | 5,000       | 5,000                | 5,000         | 5,000         |
|                           | 2015     | 5,000       | 5,000                | 5,000         | 5,000         |
|                           | 2016     | 4,000       | 4,000                | 4,000         | 4,000         |
|                           | 2017     | 2,000       | 2,000                | 2,000         | 2,000         |
|                           | 2018     |             | -                    | -             | -             |
|                           | 2019     | 1,000       | 1,000                | 1,000         | 1,000         |
|                           | 2020     | (2,000)     | (2,000)              | (2,346)       | (3,346)       |
| Private Passenger Total   |          | 28,000      | 28,000               | 27,654        | 26,654        |
|                           |          |             |                      |               |               |
| Non Private Passenger     | prior    | 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     | 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     | 5,000       | 5,000                | 5,000         | 5,000         |
|                           | 2017     | 5,000       | 5,000                | 5,000         | 5,000         |
|                           | 2018     | 1,000       | 1,000                | 1,000         | 1,000         |
|                           | 2019     | 5,000       | 5,000                | 5,000         | 5,000         |
|                           | 2020     | (8,000)     | (10,000)             | (11,914)      | (13,914)      |
| Non Private Passenger Tot | tal      | 25,000      | 23,000               | 21,086        | 19,086        |
|                           |          |             |                      |               |               |
| Grand Total               |          | 53,000      | 51,000               | 48,740        | 45,740        |



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

page 10 of 10

Jurisdiction Desc (All)

AccountCode Desc Undiscounted
Retro Claims
Expense

AccountCode (All)

AccidentYear (All)

discount rate: 0.00%

| 7 toolacherear           | (,)      |             |               |               |               |
|--------------------------|----------|-------------|---------------|---------------|---------------|
|                          |          | Prior Month | Current Month | 1st Projected | 2nd Projected |
| Sum of Amount            |          | ShareYYMM   |               |               |               |
| Business Segment         | Acc Year | 202005      | 202006        | 202007        | 202008        |
|                          |          |             |               |               |               |
| Private Passenger        | prior    | 3,401,000   | 3,396,000     | 3,302,000     | 3,210,000     |
|                          | 2011     | 594,000     | 593,000       | 578,000       | 563,000       |
|                          | 2012     | 620,000     | 609,000       | 595,000       | 581,000       |
|                          | 2013     | 832,000     | 832,000       | 811,000       | 791,000       |
|                          | 2014     | 952,000     | 946,000       | 924,000       | 902,000       |
|                          | 2015     | 1,144,000   | 1,128,000     | 1,105,000     | 1,082,000     |
|                          | 2016     | 1,151,000   | 1,150,000     | 1,123,000     | 1,097,000     |
|                          | 2017     | 1,073,000   | 1,064,000     | 1,036,000     | 1,008,000     |
|                          | 2018     | 1,376,000   | 1,376,000     | 1,343,000     | 1,311,000     |
|                          | 2019     | 2,110,000   | 2,110,000     | 2,059,000     | 2,009,000     |
|                          | 2020     | 361,000     | 436,000       | 467,189       | 492,189       |
| Private Passenger Total  |          | 13,614,000  | 13,640,000    | 13,343,189    | 13,046,189    |
|                          |          |             |               |               |               |
| Non Private Passenger    | prior    | 2,119,000   | 2,115,000     | 2,085,000     | 2,058,000     |
|                          | 2011     | 450,000     | 447,000       | 439,000       | 431,000       |
|                          | 2012     | 576,000     | 538,000       | 529,000       | 520,000       |
|                          | 2013     | 1,036,000   | 1,036,000     | 1,016,000     | 997,000       |
|                          | 2014     | 1,292,000   | 1,282,000     | 1,260,000     | 1,238,000     |
|                          | 2015     | 1,600,000   | 1,572,000     | 1,546,000     | 1,521,000     |
|                          | 2016     | 1,510,000   | 1,509,000     | 1,481,000     | 1,454,000     |
|                          | 2017     | 1,682,000   | 1,662,000     | 1,631,000     | 1,601,000     |
|                          | 2018     | 3,137,000   | 3,137,000     | 3,085,000     | 3,034,000     |
|                          | 2019     | 4,589,000   | 4,588,000     | 4,502,000     | 4,417,000     |
|                          | 2020     | 470,000     | 556,000       | 432,993       | 332,993       |
| Non Private Passenger To | tal      | 18,461,000  | 18,442,000    | 18,006,993    | 17,603,993    |
|                          |          |             |               |               |               |
| Grand Total              |          | 32,075,000  | 32,082,000    | 31,350,182    | 30,650,182    |
|                          |          |             |               |               |               |



#### **EXHIBIT D**

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

|                         |                         | <b>Prior Month</b> | <b>Current Month</b> | 1st Projected | 2nd Projected |
|-------------------------|-------------------------|--------------------|----------------------|---------------|---------------|
| Sum of MS Cost Ratio    |                         | ShareYYMM          |                      |               |               |
| <b>Business Segment</b> | Jurisdiction Desc       | 202005             | 202006               | 202007        | 202008        |
| Private Passenger       | Newfoundland & Labrador | 82.6%              | 82.8%                | 83.0%         | 83.1%         |
|                         | New Brunswick           | 77.6%              | 77.4%                | 77.2%         | 77.0%         |
|                         | Nova Scotia             | 75.9%              | 76.1%                | 76.0%         | 76.3%         |
|                         | Prince Edward Island    | 65.1%              | 65.0%                | 64.9%         | 64.8%         |
|                         | Ontario                 | 71.7%              | 72.2%                | 72.5%         | 73.0%         |
|                         | Alberta                 | 58.9%              | 59.0%                | 59.1%         | 59.1%         |
|                         | Yukon                   | 77.1%              | 76.8%                | 75.1%         | 75.1%         |
|                         | Northwest Territories   | 62.2%              | 61.7%                | 61.6%         | 61.3%         |
|                         | Nunavut                 | 31.6%              | 32.8%                | 30.4%         | 33.4%         |
| Non Private Passenger   | Newfoundland & Labrador | 78.2%              | 78.4%                | 77.8%         | 78.0%         |
|                         | New Brunswick           | 76.5%              | 76.2%                | 75.4%         | 75.1%         |
|                         | Nova Scotia             | 74.2%              | 74.4%                | 73.7%         | 73.9%         |
|                         | Prince Edward Island    | 79.9%              | 79.9%                | 79.3%         | 79.2%         |
|                         | Ontario                 | 54.7%              | 54.8%                | 54.3%         | 54.3%         |
|                         | Alberta                 | 73.5%              | 73.6%                | 73.2%         | 73.3%         |
|                         | Yukon                   | 65.3%              | 66.3%                | 65.6%         | 66.2%         |
|                         | Northwest Territories   | 55.6%              | 54.9%                | 54.6%         | 54.3%         |
|                         | Nunavut                 | 45.4%              | 46.0%                | 45.7%         | 45.1%         |
| <b>Grand Total</b>      |                         | 68.8%              | 69.0%                | 68.6%         | 68.9%         |

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          |                      |               |               |
| <b>Business Segment</b>  | Jurisdiction Desc       | 202005             | 202006               | 202007        | 202008        |
| Private Passenger        | Newfoundland & Labrador | 76.8%              | 77.0%                | 77.2%         | 77.4%         |
|                          | New Brunswick           | 71.7%              | 71.6%                | 71.5%         | 71.4%         |
|                          | Nova Scotia             | 70.0%              | 70.2%                | 70.3%         | 70.5%         |
|                          | Prince Edward Island    | 60.0%              | 60.0%                | 60.0%         | 59.9%         |
|                          | Ontario                 | 66.4%              | 66.8%                | 67.2%         | 67.7%         |
|                          | Alberta                 | 54.9%              | 54.9%                | 55.1%         | 55.2%         |
|                          | Yukon                   | 70.5%              | 70.7%                | 69.4%         | 68.5%         |
|                          | Northwest Territories   | 57.8%              | 57.6%                | 57.5%         | 57.4%         |
|                          | Nunavut                 | 30.4%              | 31.6%                | 29.1%         | 30.8%         |
| Non Private Passenger    | Newfoundland & Labrador | 72.5%              | 72.7%                | 72.8%         | 73.0%         |
|                          | New Brunswick           | 71.1%              | 70.8%                | 70.7%         | 70.4%         |
|                          | Nova Scotia             | 68.6%              | 68.8%                | 68.9%         | 69.1%         |
|                          | Prince Edward Island    | 73.6%              | 73.7%                | 73.7%         | 73.6%         |
|                          | Ontario                 | 50.3%              | 50.3%                | 50.4%         | 50.4%         |
|                          | Alberta                 | 68.2%              | 68.3%                | 68.4%         | 68.5%         |
|                          | Yukon                   | 60.9%              | 61.4%                | 61.4%         | 61.9%         |
|                          | Northwest Territories   | 51.5%              | 51.0%                | 51.1%         | 50.7%         |
|                          | Nunavut                 | 42.3%              | 42.8%                | 42.8%         | 42.3%         |
| <b>Grand Total</b>       |                         | 63.7%              | 63.9%                | 63.9%         | 64.2%         |



### 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.

NEWFOUNDLAND AND LABRADOR

page 1 of 9

|           |             | Private      | Passenger     |          |             | Non-Priva  | ite Passenger |          |
|-----------|-------------|--------------|---------------|----------|-------------|------------|---------------|----------|
|           | Selected    | l Margins fo | r Adverse Dev | elopment | Selected    | Margins fo | r Adverse Dev | elopment |
| Accident  | Third Party | Accident     | Other         | TOTAL    | Third Party | Accident   | Other         | TOTAL    |
| Year      | Liability   | Benefits     | Coverages     | ———      | Liability   | Benefits   | 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%    |
| 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%          | 10.0%    | 10.0%       | 10.0%      | 5.0%          | 10.0%    |
| 2018      | 10.0%       | 10.0%        | 5.0%          | 9.9%     | 10.0%       | 10.0%      | 5.0%          | 10.0%    |
| 2019      | 10.0%       | 10.0%        | 5.0%          | 10.0%    | 10.0%       | 10.0%      | 5.0%          | 10.0%    |
| 2020      | 10.0%       | 10.0%        | 5.0%          | 9.9%     | 10.0%       | 10.0%      | 5.0%          | 9.9%     |
| 2021      | 10.0%       | 10.0%        | 5.0%          | 9.9%     | 10.0%       | 10.0%      | 5.0%          | 9.9%     |
| prem liab | 10.0%       | 10.0%        | 5.0%          | 9.0%     | 10.0%       | 10.0%      | 5.0%          | 9.2%     |



### 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.

page 2 of 9

#### **NEW BRUNSWICK**

|           |             | Private      | Passenger        |        |             | Non-Priva  | ite Passenger    |        |
|-----------|-------------|--------------|------------------|--------|-------------|------------|------------------|--------|
|           | Selected    | l Margins fo | r Adverse Develo | opment | Selected    | Margins fo | r Adverse Develo | opment |
| Accident  | Third Party | _            | Other            |        | Third Party | _          | Other            | •      |
| Year      | Liability   | Benefits     | Coverages        | TOTAL  | Liability   | Benefits   | 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%       | 9.4%         | 5.0%             | 9.4%   | 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      | 12.5%       | 12.5%        | 5.0%             | 12.5%  | 12.5%       | 10.4%      | 5.0%             | 12.2%  |
| 2018      | 12.5%       | 12.5%        | 5.0%             | 10.5%  | 12.5%       | 10.3%      | 5.0%             | 12.2%  |
| 2019      | 12.5%       | 12.5%        | 5.0%             | 10.4%  | 12.5%       | 10.2%      | 5.0%             | 12.4%  |
| 2020      | 12.4%       | 12.5%        | 5.0%             | 9.7%   | 12.3%       | 10.2%      | 5.0%             | 11.5%  |
| 2021      | 11.9%       | 10.1%        | 5.0%             | 9.7%   | 12.5%       | 12.5%      | 5.0%             | 11.5%  |
| prem liab | 11.9%       | 10.1%        | 5.0%             | 10.0%  | 12.0%       | 10.1%      | 5.0%             | 9.4%   |
|           |             |              | discount rate:   | 0.66%  |             |            | discount rate:   | 0.66%  |



### 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

page 3 of 9

discount rate:

margin (basis points):

0.66%

25

|           |             | Private      | Passenger     |          |             | Non-Priva  | ate Passenger |          |
|-----------|-------------|--------------|---------------|----------|-------------|------------|---------------|----------|
|           | Selected    | l Margins fo | r Adverse Dev | elopment | Selected    | Margins fo | r Adverse Dev | elopment |
| Accident  | Third Party | Accident     | Other         | TOTAL    | Third Party | Accident   | Other         | TOTAL    |
| Year      | Liability   | Benefits     | Coverages     |          | Liability   | Benefits   | 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%    |
| 2004      | 10.0%       | 10.0%        | 5.0%          | 10.0%    | 10.0%       | 10.0%      | 5.0%          | 10.0%    |
| 2005      | 10.0%       | 10.0%        | 5.0%          | 10.0%    | 10.0%       | 10.0%      | 5.0%          | 10.0%    |
| 2006      | 10.0%       | 10.0%        | 5.0%          | 10.0%    | 10.0%       | 10.0%      | 5.0%          | 10.0%    |
| 2007      | 10.0%       | 10.0%        | 5.0%          | 10.0%    | 10.0%       | 10.0%      | 5.0%          | 10.0%    |
| 2008      | 10.0%       | 10.0%        | 5.0%          | 10.0%    | 10.0%       | 10.0%      | 5.0%          | 10.0%    |
| 2009      | 10.0%       | 10.0%        | 5.0%          | 10.0%    | 10.0%       | 10.0%      | 5.0%          | 10.0%    |
| 2010      | 10.0%       | 10.0%        | 5.0%          | 10.0%    | 10.0%       | 10.0%      | 5.0%          | 10.0%    |
| 2011      | 10.0%       | 10.0%        | 5.0%          | 10.0%    | 10.0%       | 10.0%      | 5.0%          | 10.0%    |
| 2012      | 10.0%       | 10.0%        | 5.0%          | 10.0%    | 10.0%       | 10.0%      | 5.0%          | 10.0%    |
| 2013      | 10.0%       | 10.0%        | 5.0%          | 10.0%    | 10.0%       | 10.0%      | 5.0%          | 10.0%    |
| 2014      | 10.0%       | 10.0%        | 5.0%          | 10.0%    | 10.0%       | 10.0%      | 5.0%          | 10.0%    |
| 2015      | 10.0%       | 10.0%        | 5.0%          | 10.0%    | 10.0%       | 10.0%      | 5.0%          | 10.0%    |
| 2016      | 12.5%       | 10.0%        | 5.0%          | 12.3%    | 12.5%       | 10.0%      | 5.0%          | 11.0%    |
| 2017      | 12.5%       | 10.2%        | 5.0%          | 12.3%    | 12.5%       | 10.2%      | 5.0%          | 12.0%    |
| 2018      | 12.5%       | 10.1%        | 5.0%          | 11.9%    | 12.5%       | 10.2%      | 5.0%          | 11.5%    |
| 2019      | 12.4%       | 10.1%        | 5.0%          | 12.0%    | 12.4%       | 10.4%      | 5.0%          | 11.7%    |
| 2020      | 12.3%       | 10.1%        | 5.0%          | 11.5%    | 12.3%       | 10.2%      | 5.0%          | 11.3%    |
| 2021      | 12.5%       | 12.5%        | 5.0%          | 11.5%    | 12.5%       | 12.5%      | 5.0%          | 11.3%    |
| prem liab | 11.6%       | 10.1%        | 5.0%          | 10.0%    | 11.6%       | 10.1%      | 5.0%          | 9.6%     |

0.66%

25

discount rate:

margin (basis points):

margin (basis points):

25



#### **EXHIBIT E**

### Discount Rate & Margins for Adverse Deviations

The tables below present selected margins for adverse development by coverage (the total is a weighted average, based on the unpaid claims projection for December 31, 2020 from the valuation), followed by the selected discount rate and the associated margin for investment income.

PRINCE EDWARD ISLAND

page 4 of 9

|           |             | Private    | Passenger       |        |             | Non-Priva    | ate Passenger   |        |
|-----------|-------------|------------|-----------------|--------|-------------|--------------|-----------------|--------|
|           | Selected    | Margins fo | r Adverse Devel | opment | Selected    | d Margins fo | r Adverse Devel | opment |
| Accident  | Third Party | Accident   | Other           | TOTAL  | Third Party | Accident     | Other           | TOTAL  |
| Year      | Liability   | Benefits   | Coverages       | TOTAL  | Liability   | Benefits     | Coverages       | TOTAL  |
| 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%            | 12.3%  | 10.0%       | 10.0%        | 5.0%            | 10.6%  |
| 2018      | 12.5%       | 10.1%      | 5.0%            | 12.2%  | 12.1%       | 10.4%        | 5.0%            | 11.4%  |
| 2019      | 12.5%       | 10.2%      | 5.0%            | 12.0%  | 12.3%       | 10.2%        | 5.0%            | 11.6%  |
| 2020      | 12.3%       | 10.2%      | 5.0%            | 12.0%  | 12.3%       | 10.2%        | 5.0%            | 11.6%  |
| 2021      | 11.9%       | 10.1%      | 5.0%            | 12.0%  | 12.5%       | 12.5%        | 5.0%            | 11.6%  |
| prem liab | 11.9%       | 10.1%      | 5.0%            | 10.3%  | 11.9%       | 10.2%        | 5.0%            | 10.2%  |
|           |             |            | discount rate:  | 0.66%  |             |              | discount rate:  | 0.66%  |

25

margin (basis points):



### 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.

page 5 of 9

#### **ONTARIO**

|           |             | Private  | Passenger         |        |             | Non-Priva | ate Passenger      |        |
|-----------|-------------|----------|-------------------|--------|-------------|-----------|--------------------|--------|
|           | Calastas    | I N 4    | n A diverse Devel |        | Calantad    | N.4       | n A diverse Daviel |        |
|           |             | _        | r Adverse Devel   | opment |             | _         | r Adverse Devel    | opment |
| Accident  | Third Party |          | Other             | TOTAL  | Third Party |           | Other              | TOTAL  |
| Year      | Liability   | Benefits | Coverages         |        | Liability   | Benefits  | Coverages          |        |
| 1997      | 10.0%       | 10.0%    | 10.0%             | 10.0%  | 10.0%       | 10.0%     | 10.0%              | 10.0%  |
| 1998      | 10.0%       | 10.0%    | 10.0%             | 10.0%  | 10.0%       | 10.0%     | 10.0%              | 10.0%  |
| 1999      | 10.0%       | 10.0%    | 10.0%             | 10.0%  | 10.0%       | 10.0%     | 10.0%              | 10.0%  |
| 2000      | 10.0%       | 10.0%    | 10.0%             | 10.0%  | 10.0%       | 10.0%     | 10.0%              | 10.0%  |
| 2001      | 10.0%       | 10.0%    | 10.0%             | 10.0%  | 10.0%       | 10.0%     | 10.0%              | 10.0%  |
| 2002      | 10.0%       | 10.0%    | 10.0%             | 10.0%  | 10.0%       | 10.0%     | 10.0%              | 10.0%  |
| 2003      | 10.0%       | 10.0%    | 10.0%             | 10.0%  | 10.0%       | 10.0%     | 10.0%              | 10.0%  |
| 2004      | 10.0%       | 10.0%    | 10.0%             | 10.0%  | 10.0%       | 10.0%     | 10.0%              | 10.0%  |
| 2005      | 10.0%       | 10.0%    | 10.0%             | 10.0%  | 10.0%       | 10.0%     | 10.0%              | 10.0%  |
| 2006      | 10.0%       | 10.0%    | 10.0%             | 10.0%  | 10.0%       | 10.0%     | 10.0%              | 10.0%  |
| 2007      | 10.0%       | 10.0%    | 10.0%             | 10.0%  | 10.0%       | 10.0%     | 10.0%              | 10.0%  |
| 2008      | 10.0%       | 10.0%    | 10.0%             | 10.0%  | 10.0%       | 10.0%     | 10.0%              | 10.0%  |
| 2009      | 10.0%       | 10.0%    | 10.0%             | 10.0%  | 10.0%       | 10.0%     | 10.0%              | 10.0%  |
| 2010      | 10.0%       | 10.0%    | 10.0%             | 10.0%  | 10.0%       | 10.0%     | 10.0%              | 10.0%  |
| 2011      | 10.0%       | 10.0%    | 10.0%             | 10.0%  | 10.0%       | 10.0%     | 10.0%              | 10.0%  |
| 2012      | 10.0%       | 10.0%    | 10.0%             | 10.0%  | 10.0%       | 10.0%     | 10.0%              | 10.0%  |
| 2013      | 10.0%       | 10.0%    | 10.0%             | 10.0%  | 10.0%       | 10.0%     | 10.0%              | 10.0%  |
| 2014      | 10.0%       | 10.0%    | 10.0%             | 10.0%  | 10.0%       | 10.0%     | 10.0%              | 10.0%  |
| 2015      | 10.0%       | 10.0%    | 10.0%             | 10.0%  | 9.8%        | 10.0%     | 10.0%              | 9.9%   |
| 2016      | 10.0%       | 10.0%    | 5.0%              | 9.8%   | 10.0%       | 10.0%     | 8.9%               | 10.0%  |
| 2017      | 12.5%       | 12.5%    | 8.6%              | 12.4%  | 12.5%       | 12.5%     | 12.5%              | 12.5%  |
| 2018      | 12.4%       | 12.5%    | 12.5%             | 12.5%  | 12.3%       | 12.5%     | 8.0%               | 12.3%  |
| 2019      | 14.5%       | 15.0%    | 7.7%              | 14.5%  | 14.8%       | 15.0%     | 6.6%               | 14.5%  |
| 2020      | 13.1%       | 15.0%    | 5.5%              | 13.2%  | 13.6%       | 15.0%     | 5.8%               | 13.6%  |
| 2021      | 9.6%        | 15.0%    | 5.1%              | 13.2%  | 15.0%       | 15.0%     | 15.0%              | 13.6%  |
| prem liab | 9.6%        | 15.0%    | 5.1%              | 9.7%   | 12.3%       | 15.0%     | 5.2%               | 11.3%  |
|           |             |          | discount rate:    | 0.66%  |             |           | discount rate:     | 0.66%  |
|           |             |          |                   |        |             |           |                    |        |



### 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.

page 6 of 9

#### **ALBERTA**

|           |             | Private  | Passenger       |        |             | Non-Priva | ate Passenger   |        |
|-----------|-------------|----------|-----------------|--------|-------------|-----------|-----------------|--------|
|           |             | •        | r Adverse Devel | opment |             | -         | r Adverse Devel | opment |
| Accident  | Third Party | Accident | Other           | TOTAL  | Third Party |           | Other           | TOTAL  |
| Year      | Liability   | Benefits | Coverages       |        | Liability   | Benefits  | 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%  |
| 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      | 12.5%       | 11.6%    | 5.0%            | 12.5%  | 12.5%       | 10.2%     | 5.0%            | 12.4%  |
| 2018      | 12.5%       | 12.1%    | 5.0%            | 12.5%  | 12.4%       | 10.6%     | 5.0%            | 12.4%  |
| 2019      | 12.4%       | 10.4%    | 5.0%            | 12.3%  | 12.4%       | 11.6%     | 5.0%            | 12.4%  |
| 2020      | 12.1%       | 10.2%    | 5.0%            | 11.2%  | 12.1%       | 10.5%     | 5.0%            | 11.3%  |
| 2021      | 11.6%       | 10.1%    | 5.0%            | 11.2%  | 12.5%       | 12.5%     | 5.0%            | 11.3%  |
| prem liab | 11.6%       | 10.1%    | 5.0%            | 9.2%   | 11.8%       | 11.2%     | 5.0%            | 9.6%   |
|           |             |          | discount rate:  | 0.66%  |             |           | discount rate:  | 0.66%  |



### 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.

page 7 of 9

#### YUKON

|           |             | Private      | Passenger       |        |             | Non-Priva  | ate Passenger    |        |
|-----------|-------------|--------------|-----------------|--------|-------------|------------|------------------|--------|
|           | Selected    | l Margins fo | r Adverse Devel | opment | Selected    | Margins fo | r Adverse Develo | opment |
| Accident  | Third Party | Accident     | Other           | TOTAL  | Third Party | Accident   | Other            | TOTAL  |
| Year      | Liability   | Benefits     | Coverages       | TOTAL  | Liability   | Benefits   | Coverages        | TOTAL  |
| 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      | 12.5%       | 10.0%        | 5.0%            | 12.5%  | 12.5%       | 12.5%      | 5.0%             | 12.5%  |
| 2018      | 12.5%       | 11.7%        | 5.0%            | 11.8%  | 12.5%       | 12.3%      | 4.9%             | 12.5%  |
| 2019      | 12.5%       | 11.6%        | 5.0%            | 11.5%  | 12.4%       | 11.8%      | 5.0%             | 12.5%  |
| 2020      | 12.2%       | 10.4%        | 5.0%            | 12.0%  | 11.6%       | 11.4%      | 5.0%             | 10.8%  |
| 2021      | 12.3%       | 10.9%        | 5.0%            | 12.0%  | 12.5%       | 12.5%      | 5.0%             | 10.8%  |
| prem liab | 12.3%       | 10.9%        | 5.0%            | 11.3%  | 11.6%       | 11.2%      | 5.0%             | 9.5%   |
|           |             |              | discount rate:  | 0.66%  |             |            | discount rate:   | 0.66%  |



### 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.

## NORTHWEST TERRITORIES

page 8 of 9

discount rate:

margin (basis points):

0.66%

25

|           |             | Private      | Passenger     |          |             | Non-Priva  | ate Passenger |          |
|-----------|-------------|--------------|---------------|----------|-------------|------------|---------------|----------|
|           | Selected    | l Margins fo | r Adverse Dev | elopment | Selected    | Margins fo | r Adverse Dev | elopment |
| Accident  | Third Party | Accident     | Other         | TOTAL    | Third Party | Accident   | Other         | TOTAL    |
| Year      | Liability   | Benefits     | Coverages     |          | Liability   | Benefits   | 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%    |
| 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      | 12.5%       | 11.9%        | 5.0%          | 12.5%    | 12.5%       | 10.7%      | 5.0%          | 12.4%    |
| 2018      | 12.4%       | 12.2%        | 5.0%          | 12.4%    | 12.5%       | 11.2%      | 5.0%          | 12.4%    |
| 2019      | 12.4%       | 11.7%        | 5.0%          | 12.5%    | 12.5%       | 11.5%      | 5.0%          | 12.4%    |
| 2020      | 12.0%       | 11.5%        | 5.0%          | 11.5%    | 12.1%       | 11.2%      | 5.0%          | 11.8%    |
| 2021      | 11.5%       | 10.9%        | 5.0%          | 11.5%    | 12.5%       | 12.5%      | 5.0%          | 11.8%    |
| prem liab | 11.5%       | 10.9%        | 5.0%          | 9.0%     | 12.0%       | 11.0%      | 5.0%          | 10.6%    |

0.66%

25

discount rate:

margin (basis points):



### 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.

page 9 of 9

margin (basis points):

25

#### **NUNAVUT**

|           |             | Private    | Passenger       |        |             | Non-Priva  | ate Passenger   |        |
|-----------|-------------|------------|-----------------|--------|-------------|------------|-----------------|--------|
|           | Selected    | Margins fo | r Adverse Devel | opment | Selected    | Margins fo | r Adverse Devel | opment |
| Accident  | Third Party | Accident   | Other           | TOTAL  | Third Party | Accident   | Other           | TOTAL  |
| Year      | Liability   | Benefits   | Coverages       | TOTAL  | Liability   | Benefits   | Coverages       | TOTAL  |
| 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      | 12.0%       | 12.5%      | 5.0%            | 11.6%  | 12.5%       | 10.7%      | 5.0%            | 12.4%  |
| 2018      | 12.5%       | 12.5%      | 5.0%            | 11.8%  | 12.5%       | 10.2%      | 5.0%            | 11.3%  |
| 2019      | 12.2%       | 12.5%      | 4.9%            | 11.7%  | 12.5%       | 11.6%      | 5.0%            | 12.5%  |
| 2020      | 11.9%       | 11.4%      | 5.0%            | 11.6%  | 12.3%       | 11.3%      | 5.0%            | 11.8%  |
| 2021      | 11.5%       | 9.9%       | 5.0%            | 11.6%  | 12.5%       | 12.5%      | 5.0%            | 11.8%  |
| prem liab | 11.5%       | 9.9%       | 5.0%            | 9.0%   | 12.4%       | 11.0%      | 5.0%            | 10.6%  |
|           |             |            | discount rate:  | 0.66%  |             |            | discount rate:  | 0.66%  |
|           |             |            |                 |        |             |            |                 |        |

25

margin (basis points):



## Interest Rate Sensitivity (\$000s)

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

page 1 of 10

## NEWFOUNDLAND AND LABRADOR

|  | Actuar   | ial Present Va  | lue of Provisi                                  | ons at Various  | Discount Rate   | es - Dec. 31, 20   | 20 projected l   | Unpaid   |
|--|--|---|---|---|---|--|--|--|
| AY   | (0.34%)  | 0.16%   | 0.66%   | 1.16%   | 1.66%   | 2.16%  | 1.64%  | 1.46%  |
| 2005 & prior   | -  | -   | -   | -   | -   | -  | -  | -  |
| 2006   | -  | -   | -   | -   | -   | -  | -  | -  |
| 2007   | 32   | 31  | 30  | 29  | 28  | 28   | 28   | 25   |
| 2008   | 107  | 104   | 101   | 98  | 95  | 93   | 96   | 9  |
| 2009   | 96   | 93  | 90  | 87  | 85  | 82   | 85   | 8  |
| 2010   | -  | -   | -   | -   | -   | -  | -  | -  |
| 2011   | 840  | 810   | 778   | 748   | 721   | 694  | 721  | 73   |
| 2012   | 1,370  | 1,329   | 1,286   | 1,244   | 1,206   | 1,170  | 1,208  | 1,22   |
| 2013   | 478  | 464   | 451   | 438   | 426   | 415  | 426  | 43   |
| 2014   | 1,195  | 1,174   | 1,153   | 1,134   | 1,116   | 1,098  | 1,116  | 1,12   |
| 2015   | 2,493  | 2,458   | 2,424   | 2,390   | 2,358   | 2,328  | 2,359  | 2,37   |
| 2016   | 4,313  | 4,267   | 4,219   | 4,174   | 4,130   | 4,089  | 4,133  | 4,14   |
| 2017   | 4,694  | 4,646   | 4,597   | 4,550   | 4,504   | 4,461  | 4,506  | 4,52   |
| 2018   | 9,270  | 9,172   | 9,071   | 8,973   | 8,879   | 8,787  | 8,882  | 8,91   |
| 2019   | 14,947   | 14,783  | 14,613  | 14,449  | 14,288  | 14,136   | 14,296   | 14,35  |
| 2020   | 17,845   | 17,630  | 17,409  | 17,192  | 16,984  | 16,782   | 16,992   | 17,06  |
| Total  | 57,680   | 56,961  | 56,222  | 55,506  | 54,820  | 54,163   | 54,848   | 55,09  |
|  | curr - 100 bp  | curr - 50 bp  | curr val  | curr + 50bp   | curr + 100bp  | curr + 150bp   | prior val  | prior fyr en   |
|  | ·  | ·   | assumption                                      | 1   |   |  | assumption   | 1  |
| mounts in  |  |   |   |   |   |  | ,  |  |
|  |  |   | Dollar imi                                      | oact kelative t   | o Valuation A   | ssumption  |  |  |
| Λ.Υ.   | (0.34%)  | 0.16%   | · .   | ,   | 1 66%   | 2 16%  | 1 6/10/  | 1 //60   |
| AY   | (0.34%)  | 0.16%   | 0.66%   | 1.16%   | 1.66%   | 2.16%  | 1.64%  |  |
| AY<br>Total  | 1,458  | 739   | 0.66%<br>-                                      | 1.16%<br>(716)  | (1,402)   | (2,059)  | (1,374)  | (1,12  |
|  |  | 739   | 0.66%<br>-<br>curr val                          | 1.16%<br>(716)<br>curr + 50bp   |   | (2,059)  | (1,374)<br>prior val   | (1,12<br>prior fyr en  |
| Total  | 1,458  | 739   | 0.66%<br>-                                      | 1.16%<br>(716)<br>curr + 50bp   | (1,402)   | (2,059)  | (1,374)  | (1,12<br>prior fyr en  |
|  | 1,458  | 739   | 0.66%<br>-<br>curr val<br>assumption            | 1.16%<br>(716)<br>curr + 50bp   | (1,402)<br>curr + 100bp   | (2,059)<br>curr + 150bp  | (1,374)<br>prior val   | prior fyr en   |
| Total<br>mounts in   | 1,458<br>curr - 100 bp   | 739<br>curr - 50 bp   | 0.66%  - curr val assumption  Percentage I      | 1.16%<br>(716)<br>curr + 50bp<br>mpact Relativ  | (1,402)<br>curr + 100bp<br>e to Valuation   | (2,059)<br>curr + 150bp  | (1,374)<br>prior val<br>assumption   | (1,12<br>prior fyr en<br>assumptio   |
| Total mounts in  | 1,458<br>curr - 100 bp   | 739<br>curr - 50 bp<br>0.16%  | 0.66%  curr val assumption  Percentage I  0.66% | 1.16%<br>(716)<br>curr + 50bp   | (1,402)<br>curr + 100bp   | (2,059)<br>curr + 150bp<br>Assumption<br>2.16%   | (1,374)<br>prior val   | (1,12<br>prior fyr en  |
| Total mounts in  AY 2005 & prior   | 1,458<br>curr - 100 bp   | 739<br>curr - 50 bp   | 0.66%  - curr val assumption  Percentage I      | 1.16%<br>(716)<br>curr + 50bp<br>mpact Relativ  | (1,402)<br>curr + 100bp<br>e to Valuation   | (2,059)<br>curr + 150bp  | (1,374)<br>prior val<br>assumption   | (1,12<br>prior fyr en<br>assumptio   |
| Total  mounts in  AY  2005 & prior 2006  | 1,458<br>curr - 100 bp<br>(0.34%)  | 739<br>curr - 50 bp<br>0.16%<br>-   | 0.66%  curr val assumption  Percentage I  0.66% | 1.16%<br>(716)<br>curr + 50bp<br>mpact Relativ<br>1.16%   | (1,402)<br>curr + 100bp<br>e to Valuatior<br>1.66%  | (2,059)<br>curr + 150bp<br>n Assumption<br>2.16%   | (1,374) prior val assumption  1.64%  | (1,12<br>prior fyr en<br>assumptio   |
| Total  mounts in  AY  2005 & prior  2006  2007   | 1,458<br>curr - 100 bp<br>(0.34%)  | 739<br>curr - 50 bp<br>0.16%<br>-<br>-<br>3.3%                              | 0.66%  curr val assumption  Percentage I  0.66% | 1.16%<br>(716)<br>curr + 50bp<br>mpact Relativ<br>1.16%<br>-<br>-<br>(3.3%)   | (1,402)<br>curr + 100bp<br>e to Valuatior<br>1.66%<br>-<br>-<br>(6.7%)                                      | (2,059) curr + 150bp  1 Assumption 2.16% (6.7%)  | (1,374) prior val assumption  1.64% - (6.7%)   | (1,12 prior fyr en assumptio   |
| Total  mounts in  AY  2005 & prior 2006 2007 2008  | 1,458<br>curr - 100 bp<br>(0.34%)<br>-<br>-<br>6.7%<br>5.9%              | 739<br>curr - 50 bp<br>0.16%<br>-<br>-<br>3.3%<br>3.0%                      | 0.66%  curr val assumption  Percentage I  0.66% | 1.16%<br>(716)<br>curr + 50bp<br>mpact Relativ<br>1.16%<br>-<br>-<br>(3.3%)<br>(3.0%)                               | (1,402)<br>curr + 100bp<br>e to Valuatior<br>1.66%<br>-<br>(6.7%)<br>(5.9%)                                 | (2,059) curr + 150bp  n Assumption 2.16% - (6.7%) (7.9%)                                       | (1,374) prior val assumption  1.64% - (6.7%) (5.0%)  | (1,12<br>prior fyr en<br>assumptio<br>1.469<br>-<br>(3.39<br>(4.09   |
| Total  mounts in  AY  2005 & prior  2006  2007  2008  2009   | 1,458<br>curr - 100 bp<br>(0.34%)  | 739<br>curr - 50 bp<br>0.16%<br>-<br>-<br>3.3%                              | 0.66%  curr val assumption  Percentage I  0.66% | 1.16%<br>(716)<br>curr + 50bp<br>mpact Relativ<br>1.16%<br>-<br>-<br>(3.3%)   | (1,402)<br>curr + 100bp<br>e to Valuatior<br>1.66%<br>-<br>-<br>(6.7%)                                      | (2,059) curr + 150bp  1 Assumption 2.16% (6.7%)  | (1,374) prior val assumption  1.64% - (6.7%)   | (1,12<br>prior fyr en<br>assumptio<br>1.469<br>-<br>(3.39<br>(4.09   |
| Total  MY  2005 & prior 2006 2007 2008 2009 2010   | 1,458 curr - 100 bp  (0.34%) 6.7% 5.9% 6.7%                              | 739 curr - 50 bp  0.16% 3.3% 3.0% 3.3% -                                    | 0.66%  curr val assumption  Percentage I  0.66% | 1.16%<br>(716)<br>curr + 50bp<br>mpact Relativ<br>1.16%<br>-<br>(3.3%)<br>(3.0%)<br>(3.3%)                          | (1,402) curr + 100bp  e to Valuatior  | (2,059) curr + 150bp  1 Assumption 2.16% - (6.7%) (7.9%) (8.9%)                                | (1,374) prior val assumption  1.64%  - (6.7%) (5.0%)   | (1,12<br>prior fyr en<br>assumptio<br>1.469<br>-<br>(3.39<br>(4.09   |
| Total  mounts in  AY  2005 & prior  2006  2007  2008  2009  2010  2011                                   | 1,458<br>curr - 100 bp<br>(0.34%)<br>-<br>-<br>6.7%<br>-<br>5.9%<br>6.7% | 739 curr - 50 bp  0.16%   | 0.66%  curr val assumption  Percentage I  0.66% | 1.16%<br>(716)<br>curr + 50bp<br>mpact Relativ<br>1.16%<br>-<br>-<br>(3.3%)<br>(3.0%)<br>(3.3%)                     | (1,402) curr + 100bp  e to Valuation 1.66% - (6.7%) (5.9%) (5.6%) - (7.3%)                                  | (2,059) curr + 150bp  1 Assumption 2.16% - (6.7%) (7.9%) (8.9%) - (10.8%)                      | (1,374) prior val assumption  1.64%  - (6.7%) (5.0%) (5.6%)  - (7.3%)  | (1,12<br>prior fyr en<br>assumptio<br>1.469<br>-<br>(3.39<br>(4.49<br>-<br>(5.99   |
| Total  MY  2005 & prior 2006 2007 2008 2009 2010 2011 2012   | 1,458 curr - 100 bp  (0.34%) 6.7% 5.9% 6.7% - 8.0%                       | 739  curr - 50 bp  0.16%  3.3% 3.0% 3.3% - 4.1% 3.3%                        | 0.66%  curr val assumption  Percentage I  0.66% | 1.16%<br>(716)<br>curr + 50bp<br>mpact Relativ<br>1.16%<br>-<br>(3.3%)<br>(3.0%)<br>(3.3%)<br>-<br>(3.9%)<br>(3.3%) | (1,402) curr + 100bp  e to Valuatior  | (2,059) curr + 150bp  1 Assumption 2.16%   | (1,374) prior val assumption  1.64%  - (6.7%) (5.0%) (5.6%) - (7.3%) (6.1%)  | (1,12<br>prior fyr en<br>assumptio<br>1.469<br>-<br>(3.39<br>(4.49<br>-<br>(5.99   |
| Total  MY  2005 & prior  2006  2007  2008  2009  2010  2011  2012  2013                                  | 1,458 curr - 100 bp  (0.34%) 6.7% 5.9% 6.7% - 8.0% 6.5% 6.0%             | 739  curr - 50 bp  0.16%  3.3% 3.0% 3.3% - 4.1% 3.3% 2.9%                   | 0.66%  curr val assumption  Percentage I  0.66% | 1.16% (716)  curr + 50bp  mpact Relativ 1.16%  - (3.3%) (3.0%) (3.3%) - (3.9%) (3.3%) (2.9%)                        | (1,402) curr + 100bp  e to Valuatior  | (2,059) curr + 150bp  1 Assumption 2.16% - (6.7%) (7.9%) (8.9%) - (10.8%) (9.0%) (8.0%)        | (1,374) prior val assumption  1.64% (6.7%) (5.6%) (7.3%) (6.1%) (5.5%)   | (1,12<br>prior fyr en<br>assumptio<br>1.469<br>-<br>(3.39<br>(4.09<br>(4.49<br>(5.99<br>(5.09<br>(4.49                       |
| Total  MY  2005 & prior 2006 2007 2008 2009 2010 2011 2012 2013 2014                                     | 1,458 curr - 100 bp  (0.34%)   | 739 curr - 50 bp  0.16% 3.3% 3.0% 3.3% - 4.1% 3.3% 2.9% 1.8%                | 0.66%  curr val assumption  Percentage I  0.66% | 1.16% (716)  curr + 50bp  mpact Relativ 1.16%  - (3.3%) (3.0%) (3.3%) - (3.9%) (3.3%) (2.9%) (1.6%)                 | (1,402) curr + 100bp  e to Valuatior 1.66%  | (2,059) curr + 150bp  1 Assumption 2.16% - (6.7%) (7.9%) (8.9%) - (10.8%) (9.0%) (8.0%) (4.8%) | (1,374) prior val assumption  1.64%  - (6.7%) (5.0%) (5.6%)  - (7.3%) (6.1%) (5.5%)                                      | (1,12 prior fyr en assumptio 1.469   |
| Total  MY  2005 & prior 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015                                | 1,458 curr - 100 bp  (0.34%)   | 739 curr - 50 bp  0.16% 3.3% 3.0% 3.3% 4.1% 3.3% 2.9% 1.8% 1.4%             | 0.66%  curr val assumption  Percentage I  0.66% | 1.16% (716)  curr + 50bp  mpact Relativ 1.16% (3.3%) (3.0%) (3.3%) (3.9%) (2.9%) (1.6%) (1.4%)                      | (1,402) curr + 100bp  e to Valuatior 1.66%  | (2,059) curr + 150bp  1 Assumption 2.16% (6.7%) (7.9%) (8.9%) (10.8%) (9.0%) (4.8%) (4.0%)     | (1,374) prior val assumption  1.64% (6.7%) (5.0%) (5.6%) - (7.3%) (6.1%) (5.5%) (3.2%) (2.7%)                            | (1,12<br>prior fyr en<br>assumptio<br>1.469<br>-<br>-<br>(3.39<br>(4.49<br>(5.99<br>(5.09<br>(4.49                           |
| Total  MY  2005 & prior 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016                           | 1,458 curr - 100 bp  (0.34%)   | 739 curr - 50 bp  0.16% 3.3% 3.0% 3.3% 4.1% 3.3% 2.9% 1.8% 1.4% 1.1%        | 0.66%  curr val assumption  Percentage I  0.66% | 1.16% (716)  curr + 50bp  mpact Relativ 1.16%  - (3.3%) (3.0%) (3.3%) (3.9%) (2.9%) (1.6%) (1.1%)                   | (1,402) curr + 100bp  Te to Valuation 1.66% (6.7%) (5.9%) (5.6%) (7.3%) (6.2%) (5.5%) (3.2%) (2.7%) (2.1%)  | (2,059) curr + 150bp  1 Assumption 2.16%   | (1,374) prior val assumption  1.64%  | (1,12 prior fyr en assumptio 1.469   |
| Total  mounts in  AY  2005 & prior 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017           | 1,458 curr - 100 bp  (0.34%)   | 739  curr - 50 bp  0.16%  3.3% 3.0% 3.3% - 4.1% 3.3% 2.9% 1.8% 1.4% 1.1%    | 0.66%  curr val assumption  Percentage I  0.66% | 1.16% (716)  curr + 50bp  mpact Relativ 1.16%  - (3.3%) (3.0%) (3.3%) (3.9%) (1.6%) (1.1%) (1.1%) (1.0%)            | (1,402) curr + 100bp  Te to Valuation 1.66%  (6.7%) (5.6%) (7.3%) (6.2%) (5.5%) (3.2%) (2.7%) (2.1%) (2.0%) | (2,059) curr + 150bp  1 Assumption 2.16%   | (1,374) prior val assumption  1.64%  | (1,12<br>prior fyr en<br>assumptio<br>1.469<br>(3.39<br>(4.49<br>(5.99<br>(5.09<br>(2.19<br>(1.79<br>(1.69                   |
| Total  mounts in  AY  2005 & prior 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018      | 1,458 curr - 100 bp  (0.34%)   | 739  curr - 50 bp  0.16%  3.3% 3.0% 3.3% 4.1% 3.3% 2.9% 1.8% 1.4% 1.1% 1.1% | 0.66%  curr val assumption  Percentage I  0.66% | 1.16% (716) curr + 50bp  mpact Relativ 1.16% (3.3%) (3.0%) (3.3%) (3.9%) (1.6%) (1.1%) (1.1%) (1.1%) (1.1%)         | (1,402) curr + 100bp  e to Valuatior 1.66%  - (6.7%) (5.6%) - (7.3%) (6.2%) (5.5%) (2.7%) (2.1%) (2.0%)     | (2,059) curr + 150bp  1 Assumption 2.16%   | (1,374) prior val assumption  1.64%  - (6.7%) (5.0%) (5.6%) - (7.3%) (6.1%) (5.5%) (2.7%) (2.0%) (2.0%) (2.1%)           | (1,12<br>prior fyr en<br>assumptio<br>1.469<br>(3.39<br>(4.49<br>(5.99<br>(5.09<br>(2.19<br>(1.79<br>(1.69<br>(1.79          |
| Total  mounts in  AY  2005 & prior 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019 | 1,458 curr - 100 bp  (0.34%)   | 739  curr - 50 bp  0.16%  3.3% 3.0% 3.3% - 4.1% 3.3% 2.9% 1.8% 1.4% 1.1%    | 0.66%  curr val assumption  Percentage I  0.66% | 1.16% (716)  curr + 50bp  mpact Relativ 1.16%  - (3.3%) (3.0%) (3.3%) (3.9%) (1.6%) (1.1%) (1.1%) (1.0%)            | (1,402) curr + 100bp  Te to Valuation 1.66%  (6.7%) (5.6%) (7.3%) (6.2%) (5.5%) (3.2%) (2.7%) (2.1%) (2.0%) | (2,059) curr + 150bp  1 Assumption 2.16%   | (1,374) prior val assumption  1.64%  - (6.7%) (5.0%) (5.6%) - (7.3%) (6.1%) (5.5%) (2.7%) (2.0%) (2.0%) (2.1%)           | (1,12<br>prior fyr en<br>assumptio<br>1.469<br>(3.39<br>(4.49<br>(5.99<br>(5.09<br>(2.19<br>(1.79<br>(1.69<br>(1.79<br>(1.89 |
| Total  mounts in  AY  2005 & prior 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018      | 1,458 curr - 100 bp  (0.34%)   | 739  curr - 50 bp  0.16%  3.3% 3.0% 3.3% 4.1% 3.3% 2.9% 1.8% 1.4% 1.1% 1.1% | 0.66%  curr val assumption  Percentage I  0.66% | 1.16% (716) curr + 50bp  mpact Relativ 1.16% (3.3%) (3.0%) (3.3%) (3.9%) (1.6%) (1.1%) (1.1%) (1.1%) (1.1%)         | (1,402) curr + 100bp  e to Valuatior 1.66%  - (6.7%) (5.6%) - (7.3%) (6.2%) (5.5%) (2.7%) (2.1%) (2.0%)     | (2,059) curr + 150bp  1 Assumption 2.16%   | (1,374) prior val assumption  1.64%  (6.7%) (5.0%) (5.6%) (7.3%) (6.1%) (5.5%) (2.7%) (2.0%) (2.1%) (2.2%) (2.2%) (2.4%) | (1,12<br>prior fyr en<br>assumptio<br>1.469<br>(3.33<br>(4.09<br>(4.49<br>(5.09<br>(2.19<br>(1.79<br>(1.69<br>(1.79<br>(1.88 |



## Interest Rate Sensitivity (\$000s)

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

page 2 of 10

#### **NEW BRUNSWICK**

|  | Actuar   | ial Present Va   | lue of Provisi        | ons at Various   | Discount Rate  | es - Dec. 31, 20   | 20 projected l   | Jnpaid   |
|--|--|--|-----------------------|--|--|--|--|--|
| AY   | (0.34%)  | 0.16%  | 0.66%                 | 1.16%  | 1.66%  | 2.16%  | 1.64%  | 1.46%  |
| 2005 & prior   | 3  | 3  | 3                     | 3  | 3  | 3  | 3  |  |
| 2006   | 19   | 19   | 19                    | 19   | 19   | 19   | 19   | 1  |
| 2007   | 6  | 6  | 6                     | 6  | 6  | 6  | 6  |  |
| 2008   | 66   | 64   | 62                    | 61   | 59   | 57   | 59   | 6  |
| 2009   | 310  | 306  | 300                   | 295  | 291  | 286  | 291  | 29:  |
| 2010   | 156  | 152  | 148                   | 144  | 140  | 136  | 141  | 14   |
| 2011   | 140  | 137  | 134                   | 132  | 129  | 127  | 129  | 13   |
| 2012   | 780  | 769  | 756                   | 744  | 732  | 721  | 732  | 73   |
| 2013   | 1,384  | 1,366  | 1,346                 | 1,327  | 1,309  | 1,291  | 1,310  | 1,31   |
| 2014   | 685  | 680  | 672                   | 664  | 656  | 649  | 657  | 659  |
| 2015   | 2,646  | 2,624  | 2,601                 | 2,577  | 2,554  | 2,533  | 2,555  | 2,563  |
| 2016   | 3,338  | 3,309  | 3,276                 | 3,244  | 3,213  | 3,183  | 3,214  | 3,225  |
| 2017   | 4,787  | 4,740  | 4,685                 | 4,633  | 4,583  | 4,533  | 4,584  | 4,603  |
| 2018   | 6,259  | 6,172  | 6,085                 | 5,999  | 5,918  | 5,837  | 5,920  | 5,950  |
| 2019   | 9,897  | 9,735  | 9,571                 | 9,412  | 9,258  | 9,111  | 9,264  | 9,319  |
| 2020   | 11,835   | 11,635   | 11,435                | 11,241   | 11,055   | 10,875   | 11,062   | 11,129   |
| Total  | 42,311   | 41,717   | 41,099                | 40,501   | 39,925   | 39,367   | 39,946   | 40,155   |
|  | curr - 100 bp  | curr - 50 bp   | curr val              | curr + 50bp  | curr + 100bp   | curr + 150bp   | prior val  | prior fyr en   |
| mounts in  |  |  | assumption            |  |  |  | assumption   | assumptio  |
|  |  |  | Dollar Imp            | act Relative t   | o Valuation A  | ssumption  |  |  |
| AY   | (0.34%)  | 0.16%  | 0.66%                 | 1.16%  | 1.66%  | 2.16%  | 1.64%  | 1.46%  |
| Total  | 1,212  | 618  | -                     | (598)  | (1,174)  | (1,732)  | (1,153)  | (944   |
|  | curr - 100 bp  | curr - 50 bp   | curr val              | curr + 50bp  | curr + 100bp   | curr + 150bp   | prior val  | prior fyr en   |
|  |  |  |                       |  |  |  |  |  |
|  |  |  | assumption            |  |  |  | assumption   | assumption   |
| mounts in  | _  |  | assumption            |  |  |  | assumption   | assumption   |
| mounts in  |  |  |                       | mpact Relativ  | e to Valuatior   | n Assumption   | assumption   | assumption   |
| AY   | (0.34%)  | 0.16%  |                       | mpact Relativ<br>1.16%   | e to Valuatior<br>1.66%  | Assumption 2.16%   | assumption   | :  |
|  | (0.34%)  | 0.16%  | Percentage I          |  |  |  |  | : .  |
| AY   | <del> </del>   |  | Percentage I<br>0.66% | 1.16%  | 1.66%  | 2.16%  |  | :  |
| AY 2005 & prior  | <del> </del>   |  | Percentage I<br>0.66% | 1.16%  | 1.66%  | 2.16%  |  | 1.46%  |
| AY 2005 & prior 2006   | <del> </del>   |  | Percentage I<br>0.66% | 1.16%  | 1.66%  | 2.16%  |  | : .  |
| AY<br>2005 & prior<br>2006<br>2007   | -  | -<br>-<br>-  | Percentage I<br>0.66% | 1.16%<br>-<br>-<br>-   | 1.66%<br>-<br>-<br>-   | 2.16%<br>-<br>-<br>-   | 1.64%<br>-<br>-<br>-   | 1.46%  |
| AY<br>2005 & prior<br>2006<br>2007<br>2008   | 6.5%   | -<br>-<br>-<br>3.2%  | Percentage I<br>0.66% | 1.16%  | 1.66%<br>-<br>-<br>-<br>(4.8%)   | 2.16%  | 1.64%  | 1.469<br>-<br>-<br>-<br>(3.29<br>(2.39   |
| AY<br>2005 & prior<br>2006<br>2007<br>2008<br>2009   | 6.5%   | 3.2%<br>2.0%   | Percentage I<br>0.66% | 1.16%<br>-<br>-<br>(1.6%)<br>(1.7%)  | 1.66%<br>-<br>-<br>-<br>(4.8%)<br>(3.0%)                                     | 2.16%<br>-<br>-<br>-<br>(8.1%)<br>(4.7%)   | 1.64%<br>-<br>-<br>-<br>(4.8%)<br>(3.0%)                                     | 1.46%<br>-<br>-<br>-<br>(3.29<br>(2.39<br>(4.19  |
| AY<br>2005 & prior<br>2006<br>2007<br>2008<br>2009<br>2010   | 6.5%<br>3.3%<br>5.4%   | 3.2%<br>2.0%<br>2.7%   | Percentage I<br>0.66% | 1.16%  | 1.66%<br>-<br>-<br>-<br>(4.8%)<br>(3.0%)<br>(5.4%)                           | 2.16%<br>-<br>-<br>-<br>(8.1%)<br>(4.7%)<br>(8.1%)   | 1.64%<br>-<br>-<br>-<br>(4.8%)<br>(3.0%)<br>(4.7%)                           | 1.46%<br>-<br>-<br>-<br>(3.29<br>(2.39<br>(4.19<br>(3.0)   |
| AY 2005 & prior 2006 2007 2008 2009 2010 2011  | 6.5%<br>3.3%<br>5.4%<br>4.5%                                 | 3.2%<br>2.0%<br>2.7%<br>2.2%   | Percentage I<br>0.66% | 1.16% (1.6%) (1.7%) (2.7%) (1.5%)  | 1.66%<br>-<br>-<br>(4.8%)<br>(3.0%)<br>(5.4%)<br>(3.7%)                      | 2.16% (8.1%) (4.7%) (8.1%) (5.2%)  | 1.64%<br>-<br>-<br>(4.8%)<br>(3.0%)<br>(4.7%)<br>(3.7%)                      | 1.46%<br>-<br>-<br>-<br>(3.29<br>(2.39<br>(4.19<br>(3.09)  |
| AY 2005 & prior 2006 2007 2008 2009 2010 2011 2012   | 6.5%<br>3.3%<br>5.4%<br>4.5%<br>3.2%                         | 3.2%<br>2.0%<br>2.7%<br>2.2%<br>1.7%   | Percentage I<br>0.66% | 1.16%  | 1.66% (4.8%) (3.0%) (5.4%) (3.7%) (3.2%)                                     | 2.16%  (8.1%) (4.7%) (8.1%) (5.2%) (4.6%)  | 1.64%  | 1.469<br>-<br>-<br>-<br>(3.29<br>(2.39<br>(4.19<br>(3.09<br>(2.59<br>(2.29                               |
| AY 2005 & prior 2006 2007 2008 2009 2010 2011 2012 2013  | 6.5%<br>3.3%<br>5.4%<br>4.5%<br>3.2%<br>2.8%                 | 3.2%<br>2.0%<br>2.7%<br>2.2%<br>1.7%<br>1.5%   | Percentage I<br>0.66% | 1.16%  | 1.66%  | 2.16%  (8.1%) (4.7%) (8.1%) (5.2%) (4.6%) (4.1%) (3.4%)  | 1.64%  (4.8%) (3.0%) (4.7%) (3.7%) (3.2%) (2.7%)                             | 1.469<br>-<br>-<br>-<br>(3.29<br>(2.39<br>(4.19<br>(3.09<br>(2.59<br>(2.29<br>(1.99                      |
| AY 2005 & prior 2006 2007 2008 2009 2010 2011 2012 2013 2014   | 6.5%<br>3.3%<br>5.4%<br>4.5%<br>3.2%<br>2.8%                 | 3.2%<br>2.0%<br>2.7%<br>2.2%<br>1.7%<br>1.5%   | Percentage I<br>0.66% | 1.16%  | 1.66%  | 2.16%  (8.1%) (4.7%) (8.1%) (5.2%) (4.6%) (4.1%) (3.4%)  | 1.64%  | 1.469<br>-<br>-<br>-<br>(3.29<br>(2.39<br>(4.19<br>(3.09<br>(2.59<br>(2.29<br>(1.99<br>(1.59             |
| AY  2005 & prior  2006  2007  2008  2009  2010  2011  2012  2013  2014  2015                         | 6.5%<br>3.3%<br>5.4%<br>4.5%<br>3.2%<br>2.8%<br>1.9%<br>1.7% | 3.2%<br>2.0%<br>2.7%<br>2.2%<br>1.7%<br>1.5%<br>1.2%<br>0.9%                         | Percentage I<br>0.66% | 1.16% (1.6%) (1.7%) (2.7%) (1.5%) (1.6%) (1.4%) (1.2%) (0.9%)                              | 1.66%  (4.8%) (3.0%) (5.4%) (3.7%) (3.2%) (2.7%) (2.4%) (1.8%)               | 2.16%  | 1.64%  | 1.469<br>  |
| AY  2005 & prior  2006  2007  2008  2009  2010  2011  2012  2013  2014  2015  2016                   | 6.5%<br>3.3%<br>5.4%<br>4.5%<br>3.2%<br>2.8%<br>1.9%<br>1.7% | 3.2%<br>2.0%<br>2.7%<br>2.2%<br>1.7%<br>1.5%<br>1.2%<br>0.9%                         | Percentage I<br>0.66% | 1.16%  (1.6%) (1.7%) (2.7%) (1.5%) (1.6%) (1.4%) (1.2%) (0.9%) (1.0%)                      | 1.66%  (4.8%) (3.0%) (5.4%) (3.7%) (2.7%) (2.4%) (1.8%) (1.9%) (2.2%)        | (8.1%)<br>(8.1%)<br>(4.7%)<br>(8.1%)<br>(5.2%)<br>(4.6%)<br>(4.1%)<br>(3.4%)<br>(2.6%)<br>(2.8%)<br>(3.2%)           | 1.64%  (4.8%) (3.0%) (4.7%) (3.7%) (3.2%) (2.7%) (2.2%) (1.8%) (1.9%) (2.2%) | 1.469<br>  |
| AY  2005 & prior  2006  2007  2008  2009  2010  2011  2012  2013  2014  2015  2016  2017  2018       | 6.5% 3.3% 5.4% 4.5% 3.2% 2.8% 1.9% 1.7% 2.2% 2.9%            | 3.2%<br>2.0%<br>2.7%<br>2.2%<br>1.7%<br>1.5%<br>1.2%<br>0.9%<br>1.0%<br>1.2%         | Percentage I<br>0.66% | 1.16%  (1.6%) (1.7%) (2.7%) (1.5%) (1.6%) (1.4%) (1.2%) (0.9%) (1.0%) (1.1%) (1.4%)        | 1.66%  (4.8%) (3.0%) (5.4%) (3.7%) (2.7%) (2.4%) (1.8%) (1.9%) (2.2%) (2.7%) | 2.16%  | 1.64%  | 1.469<br>  |
| AY  2005 & prior  2006  2007  2008  2009  2010  2011  2012  2013  2014  2015  2016  2017             | 6.5% 3.3% 5.4% 4.5% 3.2% 2.8% 1.9% 1.7% 1.9% 2.2%            | 3.2%<br>2.0%<br>2.7%<br>2.2%<br>1.7%<br>1.5%<br>1.2%<br>0.9%<br>1.0%                 | Percentage I<br>0.66% | 1.16%  (1.6%) (1.7%) (2.7%) (1.5%) (1.6%) (1.4%) (1.2%) (0.9%) (1.0%) (1.1%)               | 1.66%  (4.8%) (3.0%) (5.4%) (3.7%) (2.7%) (2.4%) (1.8%) (1.9%) (2.2%)        | 2.16%  | 1.64%  (4.8%) (3.0%) (4.7%) (3.7%) (3.2%) (2.7%) (2.2%) (1.8%) (1.9%) (2.2%) | 1.469<br>  |
| AY  2005 & prior  2006  2007  2008  2009  2010  2011  2012  2013  2014  2015  2016  2017  2018  2019 | 6.5% 3.3% 5.4% 4.5% 3.2% 2.8% 1.9% 1.7% 2.2% 2.9% 3.4%       | 3.2%<br>2.0%<br>2.7%<br>2.2%<br>1.7%<br>1.5%<br>1.2%<br>0.9%<br>1.0%<br>1.2%<br>1.4% | Percentage I<br>0.66% | 1.16%  (1.6%) (1.7%) (2.7%) (1.5%) (1.6%) (1.4%) (1.2%) (0.9%) (1.1%) (1.4%) (1.4%) (1.7%) | 1.66%  | (8.1%)<br>(8.1%)<br>(4.7%)<br>(8.1%)<br>(5.2%)<br>(4.6%)<br>(4.1%)<br>(2.6%)<br>(2.8%)<br>(3.2%)<br>(4.1%)<br>(4.8%) | 1.64%  | (3.29<br>(2.39<br>(4.19<br>(3.09<br>(2.59<br>(1.99<br>(1.59<br>(1.69<br>(1.82<br>(2.29<br>(2.69<br>(2.79 |



## Interest Rate Sensitivity (\$000s)

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

page 3 of 10

## NOVA SCOTIA

| mounts in \$000s   |   |  |  |  |   |   |   |  |
|--|---|--|--|--|---|---|---|--|
|  | Actuar  | ial Present Va   | lue of Provisi                                 | ons at Various   | Discount Rate   | es - Dec. 31, 20  | 20 projected l  | Jnpaid   |
| AY   | (0.34%)   | 0.16%  | 0.66%  | 1.16%  | 1.66%   | 2.16%   | 1.64%   | 1.46%  |
| 2005 & prior   | 16  | 16   | 16   | 15   | 15  | 15  | 15  | 1  |
| 2006   | -   | -  | -  | -  | -   | -   | -   | -  |
| 2007   |   |  |  |  |   |   | <u> </u>  |  |
| 2008   | -   | -  | -  | -  | -   | -   | -   | -  |
| 2009   | 259   | 251  | 243  | 235  | 228   | 221   | 228   | 23:  |
| 2010   | 14  | 14   | 13   | 13   | 12  | 12  | 12  | 1  |
| 2011   | 1   | 1  | 1  | 1  |   |   | <u> </u>  | <u> </u>   |
| 2012   | -   | -  | -  | -  | -   | -   | -   | -  |
| 2013   | 975   | 950  | 923  | 899  | 875   | 853   | 876   | 88   |
| 2014   | 837   | 825  | 813  | 801  | 791   | 780   | 791   | 79!  |
| 2015   | 247   | 244  | 240  | 237  | 235   | 232   | 235   | 235  |
| 2016   | 1,783   | 1,765  | 1,746  | 1,728  | 1,710   | 1,694   | 1,711   | 1,718  |
| 2017   | 2,818   | 2,790  | 2,760  | 2,731  | 2,703   | 2,676   | 2,704   | 2,71   |
| 2018   | 5,029   | 4,976  | 4,922  | 4,868  | 4,818   | 4,767   | 4,820   | 4,838  |
| 2019   | 9,381   | 9,267  | 9,148  | 9,032  | 8,921   | 8,812   | 8,926   | 8,96   |
| 2020   | 15,507  | 15,309   | 15,102   | 14,902   | 14,707  | 14,518  | 14,715  | 14,784   |
| Total  | 36,867  | 36,408   | 35,927   | 35,462   | 35,015  | 34,580  | 35,033  | 35,19  |
|  | curr - 100 bp   | curr - 50 bp   | curr val                                       |  | curr + 100bp  | curr + 150bp  | prior val   | prior fyr en   |
|  |   |  | assumption                                     |  |   |   | assumption  | assumptio  |
| mounts in  |   |  | Dallantar                                      | and Daladian A   | - \/-l+: A  |   |   |  |
|  | (0.249/)  | 0.169/   |  |  | o Valuation A   | · · · · · · · · · · · · · · · · · · ·   | 1 649/  | : 1 469/   |
| AY   | (0.34%)   | 0.16%  | Dollar Imp<br>0.66%                            | 1.16%  | 1.66%   | 2.16%   | 1.64%   | 1.46%  |
|  | 940   | 481  | 0.66%<br>-                                     | 1.16%<br>(465)   | 1.66%<br>(912)  | 2.16%<br>(1,347)  | (894)   | (732   |
| AY   |   |  | 0.66%<br>-<br>curr val                         | 1.16%<br>(465)   | 1.66%   | 2.16%<br>(1,347)  | (894)<br>prior val  | (732<br>prior fyr en   |
| AY<br>Total  | 940   | 481  | 0.66%<br>-                                     | 1.16%<br>(465)   | 1.66%<br>(912)  | 2.16%<br>(1,347)  | (894)   | (732<br>prior fyr en   |
| AY   | 940   | 481  | 0.66%<br>-<br>curr val<br>assumption           | 1.16%<br>(465)<br>curr + 50bp  | 1.66%<br>(912)<br>curr + 100bp  | 2.16%<br>(1,347)<br>curr + 150bp  | (894)<br>prior val  | (732<br>prior fyr en   |
| AY<br>Total<br>amounts in  | 940<br>curr - 100 bp  | 481<br>curr - 50 bp  | 0.66% - curr val assumption Percentage I       | 1.16%<br>(465)<br>curr + 50bp<br>mpact Relativ   | 1.66%<br>(912)<br>curr + 100bp  | 2.16%<br>(1,347)<br>curr + 150bp  | (894)<br>prior val<br>assumption  | (732<br>prior fyr en<br>assumption   |
| AY Total Amounts in  | 940<br>curr - 100 bp  | 481<br>curr - 50 bp  | 0.66%  curr val assumption  Percentage I 0.66% | 1.16%<br>(465)<br>curr + 50bp<br>mpact Relativ<br>1.16%  | 1.66%<br>(912)<br>curr + 100bp<br>e to Valuatior<br>1.66%   | 2.16%<br>(1,347)<br>curr + 150bp<br>Assumption<br>2.16%   | (894)<br>prior val<br>assumption<br>1.64%   | prior fyr en<br>assumption<br>1.46%  |
| AY Total Amounts in AY 2005 & prior  | 940<br>curr - 100 bp  | 481<br>curr - 50 bp  | 0.66% - curr val assumption Percentage I       | 1.16%<br>(465)<br>curr + 50bp<br>mpact Relativ   | 1.66%<br>(912)<br>curr + 100bp  | 2.16%<br>(1,347)<br>curr + 150bp  | (894)<br>prior val<br>assumption  | prior fyr en<br>assumption<br>1.46%  |
| AY Total  Amounts in  AY 2005 & prior 2006   | 940<br>curr - 100 bp  | 481<br>curr - 50 bp  | 0.66%  curr val assumption  Percentage I 0.66% | 1.16%<br>(465)<br>curr + 50bp<br>mpact Relativ<br>1.16%  | 1.66%<br>(912)<br>curr + 100bp<br>e to Valuatior<br>1.66%   | 2.16%<br>(1,347)<br>curr + 150bp<br>Assumption<br>2.16%   | (894)<br>prior val<br>assumption<br>1.64%   | prior fyr en<br>assumption<br>1.46%  |
| AY Total  Amounts in  AY 2005 & prior 2006 2007  | 940<br>curr - 100 bp  | 481<br>curr - 50 bp  | 0.66%  curr val assumption  Percentage I 0.66% | 1.16%<br>(465)<br>curr + 50bp<br>mpact Relativ<br>1.16%  | 1.66%<br>(912)<br>curr + 100bp<br>e to Valuatior<br>1.66%   | 2.16%<br>(1,347)<br>curr + 150bp<br>Assumption<br>2.16%   | (894)<br>prior val<br>assumption<br>1.64%   | prior fyr en<br>assumption<br>1.46%  |
| AY Total  Amounts in  AY 2005 & prior 2006 2007 2008   | 940<br>curr - 100 bp<br>(0.34%)   | 481<br>curr - 50 bp  | 0.66%  curr val assumption  Percentage I 0.66% | 1.16%<br>(465)<br>curr + 50bp<br>mpact Relativ<br>1.16%<br>(6.3%)  | 1.66%<br>(912)<br>curr + 100bp<br>e to Valuatior<br>1.66%<br>(6.3%)   | 2.16%<br>(1,347)<br>curr + 150bp<br>Assumption<br>2.16%<br>(6.3%)   | (894) prior val assumption  1.64% (6.3%)  | (73. prior fyr en assumption 1.46% (6.3%   |
| AY Total  Amounts in  AY 2005 & prior 2006 2007 2008 2009  | 940<br>curr - 100 bp<br>(0.34%)<br>-<br>-<br>-<br>-<br>6.6%                                     | 481<br>curr - 50 bp<br>0.16%<br>-<br>-<br>-<br>-<br>3.3%           | 0.66%  curr val assumption  Percentage I 0.66% | 1.16%<br>(465)<br>curr + 50bp<br>mpact Relativ<br>1.16%  | 1.66%<br>(912)<br>curr + 100bp<br>e to Valuatior<br>1.66%<br>(6.3%)   | 2.16%<br>(1,347)<br>curr + 150bp<br>Assumption<br>2.16%<br>(6.3%)   | (894) prior val assumption  1.64% (6.3%) (6.2%)   | (73:<br>prior fyr en<br>assumption<br>1.46%<br>(6.3%   |
| AY Total  AMOUNTS in  AY 2005 & prior 2006 2007 2008 2009 2010                                   | 940<br>curr - 100 bp<br>(0.34%)   | 481<br>curr - 50 bp  | 0.66%  curr val assumption  Percentage I 0.66% | 1.16%<br>(465)<br>curr + 50bp<br>mpact Relativ<br>1.16%<br>(6.3%)  | 1.66%<br>(912)<br>curr + 100bp<br>e to Valuation<br>1.66%<br>(6.3%)<br>-<br>-<br>-<br>(6.2%)<br>(7.7%)                          | 2.16%<br>(1,347)<br>curr + 150bp<br>Assumption<br>2.16%<br>(6.3%)<br>-<br>-<br>(9.1%)<br>(7.7%)   | (894) prior val assumption  1.64% (6.3%) (6.2%) (7.7%)  | (73:<br>prior fyr en<br>assumption<br>1.46%<br>(6.3%   |
| AY Total  AY  2005 & prior 2006 2007 2008 2009 2010 2011   | 940<br>curr - 100 bp<br>(0.34%)<br>-<br>-<br>-<br>-<br>6.6%                                     | 481<br>curr - 50 bp<br>0.16%<br>-<br>-<br>-<br>-<br>3.3%           | 0.66%  curr val assumption  Percentage I 0.66% | 1.16%<br>(465)<br>curr + 50bp<br>mpact Relativ<br>1.16%<br>(6.3%)  | 1.66%<br>(912)<br>curr + 100bp<br>e to Valuatior<br>1.66%<br>(6.3%)   | 2.16%<br>(1,347)<br>curr + 150bp<br>Assumption<br>2.16%<br>(6.3%)   | (894) prior val assumption  1.64% (6.3%) (6.2%)   | (73:<br>prior fyr en<br>assumption<br>1.469<br>(6.39   |
| AY Total  AY  2005 & prior 2006 2007 2008 2009 2010 2011 2012                                    | 940 curr - 100 bp  (0.34%)  | 481 curr - 50 bp  0.16% 3.3% 7.7%                                  | 0.66%  curr val assumption  Percentage I 0.66% | 1.16%<br>(465)<br>curr + 50bp<br>mpact Relativ<br>1.16%<br>(6.3%)<br>-<br>-<br>(3.3%)                          | 1.66%<br>(912)<br>curr + 100bp<br>e to Valuation<br>1.66%<br>(6.3%)<br>-<br>-<br>-<br>(6.2%)<br>(100.0%)                        | 2.16%<br>(1,347)<br>curr + 150bp<br>Assumption<br>2.16%<br>(6.3%)<br>-<br>(9.1%)<br>(7.7%)<br>(100.0%)                                      | (894) prior val assumption  1.64% (6.3%) (6.2%) (7.7%) (100.0%)   | (73:<br>prior fyr en<br>assumption<br>1.469<br>(6.39   |
| AY Total  AY  2005 & prior 2006 2007 2008 2009 2010 2011 2012 2013                               | 940<br>curr - 100 bp<br>(0.34%)<br>-<br>-<br>-<br>-<br>6.6%<br>7.7%<br>-<br>-<br>-<br>-<br>5.6% | 481<br>curr - 50 bp  0.16%  3.3%  7.7%  - 2.9%                     | 0.66%  curr val assumption  Percentage I 0.66% | 1.16%<br>(465)<br>curr + 50bp<br>mpact Relativ<br>1.16%<br>(6.3%)<br>-<br>-<br>(3.3%)                          | 1.66% (912) curr + 100bp  e to Valuatior 1.66% (6.3%) (6.2%) (7.7%) (100.0%) - (5.2%)   | 2.16%<br>(1,347)<br>curr + 150bp<br>1 Assumption<br>2.16%<br>(6.3%)<br>-<br>-<br>(9.1%)<br>(7.7%)<br>(100.0%)                               | (894) prior val assumption  1.64% (6.3%) (6.2%) (7.7%) (100.0%) - (5.1%)  | (73. prior fyr en assumption 1.46% (6.39 - (4.9% - (4.19) - (4.19) - (4.19)  |
| AY Total  AY  2005 & prior 2006 2007 2008 2009 2010 2011 2012 2013 2014                          | 940 curr - 100 bp  (0.34%)  | 481 curr - 50 bp  0.16%  | 0.66%  curr val assumption  Percentage I 0.66% | 1.16%<br>(465)<br>curr + 50bp<br>mpact Relativ<br>1.16%<br>(6.3%)<br>-<br>-<br>(3.3%)<br>-<br>(2.6%)<br>(1.5%) | 1.66% (912) curr + 100bp  e to Valuatior 1.66% (6.3%)   | 2.16%<br>(1,347)<br>curr + 150bp<br>Assumption<br>2.16%<br>(6.3%)<br>-<br>-<br>(9.1%)<br>(7.7%)<br>(100.0%)<br>-<br>(7.6%)<br>(4.1%)        | (894) prior val assumption  1.64% (6.3%) (6.2%) (7.7%) (100.0%) - (5.1%) (2.7%)   | (73:<br>prior fyr en<br>assumption<br>1.469<br>(6.39<br>-<br>-<br>(4.99  |
| AY Total  AY  2005 & prior 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015                     | 940 curr - 100 bp  (0.34%)  | 481 curr - 50 bp  0.16%  | 0.66%  curr val assumption  Percentage I 0.66% | 1.16% (465) curr + 50bp  mpact Relativ 1.16% (6.3%)  | 1.66% (912) curr + 100bp  e to Valuatior 1.66% (6.3%) (6.2%) (7.7%) (100.0%) (5.2%) (2.7%) (2.1%)                               | 2.16%<br>(1,347)<br>curr + 150bp<br>1 Assumption<br>2.16%<br>(6.3%)<br>   | (894) prior val assumption  1.64% (6.3%) (6.2%) (7.7%) (100.0%) - (5.1%) (2.7%) (2.1%)                                    | (73<br>prior fyr en<br>assumptio<br>1.469<br>(6.39<br>-<br>-<br>(4.99<br>(2.29<br>(2.19  |
| AY Total  AY 2005 & prior 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016                 | 940 curr - 100 bp  (0.34%)  | 481 curr - 50 bp  0.16%  | 0.66%  curr val assumption  Percentage I 0.66% | 1.16% (465) curr + 50bp  mpact Relativ 1.16% (6.3%)  | 1.66% (912) curr + 100bp  e to Valuatior 1.66% (6.3%) (6.2%) (7.7%) (100.0%) - (5.2%) (2.7%) (2.1%)                             | 2.16%<br>(1,347)<br>curr + 150bp<br>1 Assumption<br>2.16%<br>(6.3%)<br>(9.1%)<br>(7.7%)<br>(100.0%)<br>(7.6%)<br>(4.1%)<br>(3.3%)<br>(3.0%) | (894) prior val assumption  1.64% (6.3%) (6.2%) (7.7%) (100.0%) - (5.1%) (2.7%) (2.1%) (2.0%)                             | (73:<br>prior fyr en<br>assumption<br>1.469<br>(6.39<br>   |
| AY Total  AY 2005 & prior 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017            | 940 curr - 100 bp  (0.34%)  | 481 curr - 50 bp  0.16%  | 0.66%  curr val assumption  Percentage I 0.66% | 1.16% (465) curr + 50bp  mpact Relativ 1.16% (6.3%)  | 1.66% (912) curr + 100bp  e to Valuatior 1.66% (6.3%) (6.2%) (7.7%) (100.0%) - (5.2%) (2.7%) (2.1%) (2.1%)                      | 2.16% (1,347) curr + 150bp  1 Assumption 2.16% (6.3%) (9.1%) (7.7%) (100.0%) (7.6%) (4.1%) (3.3%) (3.0%) (3.0%)                             | (894) prior val assumption  1.64% (6.3%) (6.2%) (7.7%) (100.0%) - (5.1%) (2.7%) (2.1%) (2.0%) (2.0%)                      | (73. prior fyr en assumption 1.46% (6.39 (4.9% (2.29 (2.19 (1.6% ( |
| AY Total  AY 2005 & prior 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018       | 940 curr - 100 bp  (0.34%)  | 481 curr - 50 bp  0.16%  | 0.66%  curr val assumption  Percentage I 0.66% | 1.16% (465) curr + 50bp  mpact Relativ 1.16% (6.3%) (3.3%) (2.6%) (1.5%) (1.3%) (1.0%) (1.1%) (1.1%)           | 1.66% (912) curr + 100bp  Te to Valuation 1.66% (6.3%)  | 2.16% (1,347) curr + 150bp  1 Assumption 2.16% (6.3%) (9.1%) (7.7%) (100.0%) (7.6%) (4.1%) (3.3%) (3.0%) (3.0%) (3.1%)                      | (894) prior val assumption  1.64% (6.3%) (6.2%) (7.7%) (100.0%) - (5.1%) (2.1%) (2.0%) (2.0%) (2.1%)                      | (73 prior fyr en assumptio  1.469 (6.39  |
| AY Total  AY  2005 & prior 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019 | 940 curr - 100 bp  (0.34%)  | 481 curr - 50 bp  0.16%  3.3% 7.7% - 2.9% 1.5% 1.7% 1.1% 1.1% 1.1% | 0.66%  curr val assumption  Percentage I 0.66% | 1.16% (465) curr + 50bp  mpact Relativ 1.16% (6.3%)  | 1.66% (912) curr + 100bp  e to Valuatior 1.66% (6.3%) (6.2%) (7.7%) (100.0%) - (5.2%) (2.7%) (2.1%) (2.1%) (2.1%) (2.1%) (2.5%) | 2.16% (1,347) curr + 150bp  1 Assumption 2.16% (6.3%) (7.7%) (100.0%) (7.6%) (4.1%) (3.3%) (3.0%) (3.1%) (3.7%)                             | (894) prior val assumption  1.64% (6.3%)  | (73. prior fyr en assumption 1.46% (6.39   |
| AY Total  AY 2005 & prior 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018       | 940 curr - 100 bp  (0.34%)  | 481 curr - 50 bp  0.16%  | 0.66%  curr val assumption  Percentage I 0.66% | 1.16% (465) curr + 50bp  mpact Relativ 1.16% (6.3%) (3.3%) (2.6%) (1.5%) (1.3%) (1.0%) (1.1%) (1.1%)           | 1.66% (912) curr + 100bp  Te to Valuation 1.66% (6.3%)  | 2.16% (1,347) curr + 150bp  1 Assumption 2.16% (6.3%) (9.1%) (7.7%) (100.0%) (7.6%) (4.1%) (3.3%) (3.0%) (3.0%) (3.1%)                      | (894) prior val assumption  1.64% (6.3%) (6.2%) (7.7%) (100.0%) - (5.1%) (2.7%) (2.1%) (2.0%) (2.1%) (2.1%) (2.4%) (2.6%) | (73: prior fyr en assumption 1.46% (6.39   |



# Interest Rate Sensitivity (\$000s)

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

page 4 of 10

## PRINCE EDWARD ISLAND

|   | Actuar   | ial Present Va  | lue of Provisi | ons at Various  | Discount Rate                             | es - Dec. 31, 20   | 20 projected l                            | Jnpaid   |
|---|--|---|----------------|---|---|--|---|--|
| AY  | (0.34%)  | 0.16%   | 0.66%          | 1.16%   | 1.66%                                     | 2.16%  | 1.64%                                     | 1.46   |
| 2005 & prior  | -  | -   | -              | -   | -   | -  | -   | -  |
| 2006  | -  | -   | -              | -   | -   | -  | -   | -  |
| 2007  | -  | -   | -              | -   | -   | -  | -   | -  |
| 2008  | -  |   | -              | -   | -   | -  | -   | -  |
| 2009  | -  | -   | -              | -   | -   | -  | -   | -  |
| 2010  | -  | -   | -              | -   | -   | -  | -   | -  |
| 2011  | -  | -   | -              | -   | -   | -  | -   | -  |
| 2012  | 353  | 339   | 325            | 312   | 300                                       | 288  | 300                                       | 3  |
| 2013  | 49   | 48  | 47             | 46  | 45  | 44   | 45  |  |
| 2014  | 118  | 113   | 109            | 103   | 99  | 96   | 99  | 1  |
| 2015  | 673  | 662   | 650            | 640   | 629                                       | 620  | 630                                       | 6  |
| 2016  | 1,006  | 985   | 965            | 945   | 926                                       | 909  | 926                                       | 9  |
| 2017  | 1,184  | 1,171   | 1,160          | 1,147   | 1,135                                     | 1,125  | 1,136                                     | 1,1  |
| 2018  | 1,039  | 1,028   | 1,018          | 1,006   | 996                                       | 986  | 997                                       | 1,0  |
| 2019  | 1,631  | 1,613   | 1,593          | 1,575   | 1,558                                     | 1,540  | 1,559                                     | 1,5  |
| 2020  | 2,481  | 2,451   | 2,421          | 2,390   | 2,362                                     | 2,334  | 2,362                                     | 2,3  |
| Total   | 8,534  | 8,410   | 8,288          | 8,164   | 8,050                                     | 7,942  | 8,054                                     | 8,0  |
|   | curr - 100 bp  | curr - 50 bp  | curr val       | curr + 50bp   | curr + 100bp                              | curr + 150bp   | prior val                                 | prior fyr e  |
|   |  |   | assumption     |   | •   |  | assumption                                | assumpti   |
| nounts in   |  |   | Dollarima      | act Polativo t  | o Valuation A                             | cumption   |   | •  |
| AY  | (0.34%)  | 0.16%   | 0.66%          | 1.16%   | 1.66%                                     | 2.16%  | 1.64%                                     | 1.46   |
| Total   | 246  | 122   |                | (124)   | (238)                                     | (346)  |   |  |
| Total   | curr - 100 bp  | curr - 50 bp  | curr val       |   | curr + 100bp                              |  | prior val                                 | prior fyr e  |
|   | сан 100 Бр   | can 30 bp   |                | curr . Sopp   | carr i 1000p                              | cuii i 1300p   | Piloi vai                                 |  |
|   |  |   | accumption     |   |   |  | assumntion                                |  |
| nounts in   |  |   | assumption     |   |   |  | assumption                                |  |
| nounts in   |  |   |                | mnact Relativ   | e to Valuation                            | Assumption   | assumption                                |  |
|   | (0.34%)  | 0.16%   | Percentage I   |   | e to Valuation                            |  |   | assumpti   |
| AY  | (0.34%)  | 0.16%   |                | mpact Relativ<br>1.16%                                  | e to Valuation<br>1.66%                   | Assumption 2.16%   | assumption                                | assumpti   |
| <b>AY</b><br>2005 & prior   | (0.34%)  | 0.16%   | Percentage I   |   |   |  |   | assumpti   |
| AY<br>2005 & prior<br>2006  | (0.34%)  | 0.16%   | Percentage I   |   |   |  |   | assumpti   |
| AY<br>2005 & prior<br>2006<br>2007  | (0.34%)  | 0.16%   | Percentage I   |   |   |  |   | assumpti   |
| AY<br>2005 & prior<br>2006<br>2007<br>2008  | (0.34%)  | 0.16%   | Percentage I   |   |   |  |   | assumpti   |
| AY<br>2005 & prior<br>2006<br>2007<br>2008<br>2009                                    | (0.34%)  | 0.16%   | Percentage I   |   |   |  |   | assumpti   |
| AY<br>2005 & prior<br>2006<br>2007<br>2008<br>2009<br>2010                            | (0.34%)  | 0.16%   | Percentage I   |   |   |  |   | assumpti   |
| AY<br>2005 & prior<br>2006<br>2007<br>2008<br>2009<br>2010<br>2011                    |  | -<br>-<br>-<br>-<br>-<br>-<br>-<br>-  | Percentage I   | 1.16%   | 1.66%                                     | 2.16%  | 1.64%                                     | 1.40   |
| AY<br>2005 & prior<br>2006<br>2007<br>2008<br>2009<br>2010<br>2011<br>2012            |  | -<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>- | Percentage I   | 1.16%   | 1.66%                                     | 2.16%  | 1.64%                                     | 1.4d   |
| AY<br>2005 & prior<br>2006<br>2007<br>2008<br>2009<br>2010<br>2011<br>2012<br>2013    | 8.6%<br>4.3%   | -<br>-<br>-<br>-<br>-<br>-<br>4.3%<br>2.1%  | Percentage I   | 1.16%   | 1.66% (7.7%) (4.3%)                       | 2.16%  | 1.64%                                     | 1.46   |
| AY 2005 & prior 2006 2007 2008 2009 2010 2011 2012 2013 2014                          | 8.6%<br>4.3%<br>8.3%   | -<br>-<br>-<br>-<br>-<br>-<br>4.3%<br>2.1%<br>3.7%  | Percentage I   | 1.16%  (4.0%) (2.1%)                                    | 1.66%                                     | 2.16%  (11.4%) (6.4%) (11.9%)                                    | 1.64%                                     | 1.46<br>   |
| AY 2005 & prior 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015                     | 8.6%<br>4.3%<br>8.3%<br>3.5%                                 | 4.3%<br>2.1%<br>3.7%<br>1.8%  | Percentage I   | 1.16%  (4.0%) (2.1%) (5.5%) (1.5%)                      | 1.66%                                     | 2.16%  (11.4%) (6.4%) (11.9%) (4.6%)                             | 1.64%                                     | 1.46<br>   |
| AY 2005 & prior 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016                | 8.6%<br>4.3%<br>8.3%<br>3.5%<br>4.2%                         | 4.3%<br>2.1%<br>3.7%<br>1.8%<br>2.1%  | Percentage I   | 1.16%  (4.0%) (2.1%) (5.5%) (1.5%) (2.1%)               | 1.66%  (7.7%) (4.3%) (9.2%) (3.2%) (4.0%) | 2.16%  (11.4%) (6.4%) (11.9%) (4.6%) (5.8%)                      | 1.64%  (7.7%) (4.3%) (9.2%) (3.1%) (4.0%) | 1.46<br>   |
| AY 2005 & prior 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017           | 8.6%<br>4.3%<br>8.3%<br>3.5%<br>4.2%<br>2.1%                 | 4.3%<br>2.1%<br>3.7%<br>1.8%<br>2.1%<br>0.9%  | Percentage I   | 1.16%   | 1.66%                                     | 2.16%  (11.4%) (6.4%) (11.9%) (4.6%) (5.8%) (3.0%)               | 1.64%                                     | 1.46<br>   |
| AY 2005 & prior 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018      | 8.6%<br>4.3%<br>8.3%<br>3.5%<br>4.2%<br>2.1%                 | 4.3%<br>2.1%<br>3.7%<br>1.8%<br>2.1%<br>0.9%  | Percentage I   | 1.16%  (4.0%) (2.1%) (5.5%) (1.5%) (2.1%) (1.1%) (1.2%) | 1.66%                                     | 2.16%  (11.4%) (6.4%) (11.9%) (4.6%) (5.8%) (3.0%) (3.1%)        | 1.64%                                     | 1.46<br>   |
| AY 2005 & prior 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019 | 8.6%<br>4.3%<br>8.3%<br>3.5%<br>4.2%<br>2.1%<br>2.1%<br>2.4% | 4.3%<br>2.1%<br>3.7%<br>1.8%<br>2.1%<br>0.9%<br>1.0%  | Percentage I   | 1.16%   | 1.66%                                     | 2.16%  (11.4%) (6.4%) (11.9%) (4.6%) (5.8%) (3.0%) (3.1%) (3.3%) | 1.64%                                     | 1.46<br>   |
| AY 2005 & prior 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018      | 8.6%<br>4.3%<br>8.3%<br>3.5%<br>4.2%<br>2.1%                 | 4.3%<br>2.1%<br>3.7%<br>1.8%<br>2.1%<br>0.9%  | Percentage I   | 1.16%  (4.0%) (2.1%) (5.5%) (1.5%) (2.1%) (1.1%) (1.2%) | 1.66%                                     | 2.16%  (11.4%) (6.4%) (11.9%) (4.6%) (5.8%) (3.0%) (3.1%)        | 1.64%                                     | 1.46<br>(6.<br>(2.<br>(7.<br>(2.<br>(3.<br>(1.<br>(1.<br>(1. |



Amounts in \$000s

### **EXHIBIT F**

# Interest Rate Sensitivity (\$000s)

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

page 5 of 10

### **ONTARIO**

|  | Actuar  | ial Present Va   | lue of Provisi                                 | ons at Various   | Discount Rate   | es - Dec. 31, 20  | 20 projected l   | Innaid   |
|--|---|--|--|--|---|---|--|--|
|  | 7100001   |  |  |  |   |   |  | Jiipaiu  |
| AY   | (0.34%)   | 0.16%  | 0.66%  | 1.16%  | 1.66%   | 2.16%   | 1.64%  | 1.46%  |
| 2005 & prior   | 12,207  | 12,072   | 11,932   | 11,793   | 11,660  | 11,528  | 11,665   | 11,712   |
| 2006   | 298   | 291  | 283  | 276  | 269   | 263   | 269  | 272  |
| 2007   | 2,375   | 2,313  | 2,249  | 2,187  | 2,128   | 2,072   | 2,130  | 2,152  |
| 2008   | 350   | 339  | 329  | 320  | 310   | 301   | 310  | 313  |
| 2009   | 285   | 276  | 268  | 259  | 252   | 244   | 252  | 254  |
| 2010   | 525   | 511  | 497  | 483  | 470   | 458   | 471  | 476  |
| 2011   | 1,905   | 1,859  | 1,813  | 1,769  | 1,727   | 1,688   | 1,728  | 1,743  |
| 2012   | 1,008   | 984  | 961  | 937  | 916   | 896   | 917  | 925  |
| 2013   | 3,111   | 3,064  | 3,017  | 2,972  | 2,928   | 2,887   | 2,931  | 2,946  |
| 2014   | 5,525   | 5,449  | 5,373  | 5,300  | 5,230   | 5,164   | 5,233  | 5,258  |
| 2015   | 6,344   | 6,271  | 6,195  | 6,123  | 6,053   | 5,987   | 6,056  | 6,081  |
| 2016   | 5,758   | 5,698  | 5,636  | 5,576  | 5,518   | 5,462   | 5,520  | 5,541  |
| 2017   | 7,317   | 7,244  | 7,166  | 7,090  | 7,017   | 6,946   | 7,020  | 7,045  |
| 2018   | 13,021  | 12,869   | 12,710   | 12,553   | 12,403  | 12,257  | 12,409   | 12,463   |
| 2019   | 32,030  | 31,600   | 31,144   | 30,702   | 30,273  | 29,855  | 30,289   | 30,444   |
| 2020   | 54,831  | 54,036   | 53,200   | 52,385   | 51,596  | 50,836  | 51,630   | 51,912   |
| Total  | 146,890   | 144,876  | 142,773  | 140,725  | 138,750   | 136,844   | 138,830  | 139,537  |
|  | curr - 100 bp   | curr - 50 bp   | curr val                                       | -  | curr + 100bp  |   | prior val  | prior fyr end  |
|  | ош 200 бр   | ou 50 5p   | assumption                                     | Син Собр   | син : 1000р   | син тэоор   | · .  | assumption   |
|  |   | l  | assumption                                     |  |   |   | 3 assumption   | : assumption   |
| Amounts in   |   |  |  |  |   |   |  |  |
| Amounts in   |   |  | Dollar Imr                                     | act Relative t   | ο Valuation Δ   | ssumntion   |  |  |
|  | (0.34%)   | 0.16%  |  |  | o Valuation A   | · ·   | 1 64%  | 1 46%  |
| AY   | (0.34%)<br>4 117  | 0.16%  | Dollar Imp<br>0.66%                            | 1.16%  | 1.66%   | 2.16%   | 1.64%  | 1.46%  |
|  | 4,117   | 2,103  | 0.66%  | 1.16%<br>(2,048)   | 1.66%<br>(4,023)  | 2.16%<br>(5,929)  | (3,943)  | (3,236   |
| AY   |   | 2,103  | 0.66%<br>-<br>curr val                         | 1.16%<br>(2,048)   | 1.66%   | 2.16%<br>(5,929)  | (3,943)<br>prior val   | (3,236<br>prior fyr end  |
| AY<br>Total  | 4,117   | 2,103  | 0.66%  | 1.16%<br>(2,048)   | 1.66%<br>(4,023)  | 2.16%<br>(5,929)  | (3,943)  | (3,236<br>prior fyr en   |
| AY   | 4,117   | 2,103  | 0.66%<br>-<br>curr val<br>assumption           | 1.16%<br>(2,048)<br>curr + 50bp  | 1.66%<br>(4,023)<br>curr + 100bp  | 2.16%<br>(5,929)<br>curr + 150bp  | (3,943)<br>prior val   | (3,236<br>prior fyr end  |
| AY Total  Amounts in   | 4,117<br>curr - 100 bp  | 2,103<br>curr - 50 bp  | 0.66% - curr val assumption Percentage I       | 1.16%<br>(2,048)<br>curr + 50bp<br>mpact Relativ   | 1.66%<br>(4,023)<br>curr + 100bp  | 2.16%<br>(5,929)<br>curr + 150bp  | (3,943)<br>prior val<br>assumption   | (3,236<br>prior fyr end<br>assumptior  |
| AY Total  Amounts in   | 4,117<br>curr - 100 bp<br>(0.34%)   | 2,103<br>curr - 50 bp  | 0.66%  curr val assumption  Percentage I 0.66% | 1.16%<br>(2,048)<br>curr + 50bp<br>mpact Relativ<br>1.16%  | 1.66%<br>(4,023)<br>curr + 100bp<br>e to Valuation<br>1.66%   | 2.16%<br>(5,929)<br>curr + 150bp<br>n Assumption<br>2.16%   | (3,943)<br>prior val<br>assumption<br>1.64%  | (3,236<br>prior fyr end<br>assumptior<br>1.46%   |
| AY Total  Amounts in  AY 2005 & prior  | 4,117<br>curr - 100 bp<br>(0.34%)<br>2.3%   | 2,103<br>curr - 50 bp<br>0.16%<br>1.2%   | 0.66% - curr val assumption Percentage I       | 1.16%<br>(2,048)<br>curr + 50bp<br>mpact Relativ<br>1.16%<br>(1.2%)  | 1.66%<br>(4,023)<br>curr + 100bp<br>e to Valuatior<br>1.66%<br>(2.3%)   | 2.16%<br>(5,929)<br>curr + 150bp<br>n Assumption<br>2.16%<br>(3.4%)   | (3,943)<br>prior val<br>assumption<br>1.64%<br>(2.2%)  | (3,236<br>prior fyr en-<br>assumptior<br>1.46%<br>(1.8%  |
| AY Total  Amounts in  AY 2005 & prior 2006   | 4,117<br>curr - 100 bp<br>(0.34%)<br>2.3%<br>5.3%   | 2,103<br>curr - 50 bp<br>0.16%<br>1.2%<br>2.8%   | 0.66%  curr val assumption  Percentage I 0.66% | 1.16%<br>(2,048)<br>curr + 50bp<br>mpact Relativ<br>1.16%<br>(1.2%)<br>(2.5%)  | 1.66%<br>(4,023)<br>curr + 100bp<br>e to Valuatior<br>1.66%<br>(2.3%)<br>(4.9%)   | 2.16%<br>(5,929)<br>curr + 150bp<br>n Assumption<br>2.16%<br>(3.4%)<br>(7.1%)   | (3,943)<br>prior val<br>assumption<br>1.64%<br>(2.2%)<br>(4.9%)  | (3,236)<br>prior fyr en-<br>assumptior<br>1.46%<br>(1.8%<br>(3.9%  |
| AY Total  Amounts in  AY 2005 & prior 2006 2007  | 4,117<br>curr - 100 bp<br>(0.34%)<br>2.3%<br>5.3%<br>5.6%   | 2,103<br>curr - 50 bp<br>0.16%<br>1.2%<br>2.8%<br>2.8%   | 0.66%  curr val assumption  Percentage I 0.66% | 1.16%<br>(2,048)<br>curr + 50bp<br>mpact Relativ<br>1.16%<br>(1.2%)<br>(2.5%)<br>(2.8%)  | 1.66%<br>(4,023)<br>curr + 100bp<br>e to Valuatior<br>1.66%<br>(2.3%)<br>(4.9%)<br>(5.4%)   | 2.16%<br>(5,929)<br>curr + 150bp<br>n Assumption<br>2.16%<br>(3.4%)<br>(7.1%)<br>(7.9%)   | (3,943)<br>prior val<br>assumption<br>1.64%<br>(2.2%)<br>(4.9%)<br>(5.3%)  | (3,236<br>prior fyr en-<br>assumptior<br>1.46%<br>(1.8%<br>(3.9%<br>(4.3%  |
| AY Total  Amounts in  AY 2005 & prior 2006 2007 2008   | 4,117<br>curr - 100 bp<br>(0.34%)<br>2.3%<br>5.3%<br>5.6%<br>6.4%   | 2,103<br>curr - 50 bp<br>0.16%<br>1.2%<br>2.8%<br>2.8%<br>3.0%   | 0.66%  curr val assumption  Percentage I 0.66% | 1.16%<br>(2,048)<br>curr + 50bp<br>mpact Relativ<br>1.16%<br>(1.2%)<br>(2.5%)<br>(2.8%)<br>(2.7%)  | 1.66%<br>(4,023)<br>curr + 100bp<br>e to Valuatior<br>1.66%<br>(2.3%)<br>(4.9%)<br>(5.4%)   | 2.16%<br>(5,929)<br>curr + 150bp<br>n Assumption<br>2.16%<br>(3.4%)<br>(7.1%)<br>(7.9%)<br>(8.5%)   | (3,943)<br>prior val<br>assumption<br>1.64%<br>(2.2%)<br>(4.9%)<br>(5.3%)<br>(5.8%)  | (3,236<br>prior fyr en-<br>assumptior<br>1.46%<br>(1.8%<br>(3.9%<br>(4.3%<br>(4.9%   |
| AY Total  Amounts in  AY 2005 & prior 2006 2007 2008 2009  | 4,117<br>curr - 100 bp<br>(0.34%)<br>2.3%<br>5.3%<br>5.6%<br>6.4%<br>6.3%   | 2,103<br>curr - 50 bp<br>0.16%<br>1.2%<br>2.8%<br>2.8%<br>3.0%<br>3.0%   | 0.66%  curr val assumption  Percentage I 0.66% | 1.16%<br>(2,048)<br>curr + 50bp<br>mpact Relativ<br>1.16%<br>(1.2%)<br>(2.5%)<br>(2.8%)<br>(2.7%)<br>(3.4%)  | 1.66%<br>(4,023)<br>curr + 100bp<br>e to Valuatior<br>1.66%<br>(2.3%)<br>(4.9%)<br>(5.4%)<br>(5.8%)<br>(6.0%)   | 2.16%<br>(5,929)<br>curr + 150bp<br>n Assumption<br>2.16%<br>(3.4%)<br>(7.1%)<br>(7.9%)<br>(8.5%)<br>(9.0%)   | (3,943) prior val assumption  1.64% (2.2%) (4.9%) (5.3%) (5.8%) (6.0%)   | (3,236<br>prior fyr en-<br>assumptior<br>1.46%<br>(1.8%<br>(3.9%<br>(4.3%<br>(4.9%<br>(5.2%  |
| AY Total  Amounts in  AY 2005 & prior 2006 2007 2008 2009 2010   | 4,117<br>curr - 100 bp<br>(0.34%)<br>2.3%<br>5.3%<br>5.6%<br>6.4%<br>6.3%<br>5.6%   | 2,103<br>curr - 50 bp<br>0.16%<br>1.2%<br>2.8%<br>2.8%<br>3.0%<br>3.0%<br>2.8%                                 | 0.66%  curr val assumption  Percentage I 0.66% | 1.16%<br>(2,048)<br>curr + 50bp<br>mpact Relativ<br>1.16%<br>(1.2%)<br>(2.5%)<br>(2.8%)<br>(2.7%)<br>(3.4%)<br>(2.8%)                                    | 1.66%<br>(4,023)<br>curr + 100bp<br>e to Valuatior<br>1.66%<br>(2.3%)<br>(4.9%)<br>(5.4%)<br>(6.0%)<br>(5.4%)   | 2.16%<br>(5,929)<br>curr + 150bp<br>n Assumption<br>2.16%<br>(3.4%)<br>(7.1%)<br>(7.9%)<br>(8.5%)<br>(9.0%)<br>(7.8%)   | (3,943) prior val assumption  1.64% (2.2%) (4.9%) (5.3%) (5.8%) (6.0%) (5.2%)  | (3,236) prior fyr en- assumptior  1.46% (1.8% (3.9% (4.3% (4.9% (5.2% (4.2%  |
| AY Total  Amounts in  AY  2005 & prior 2006 2007 2008 2009 2010 2011   | 4,117<br>curr - 100 bp<br>(0.34%)<br>2.3%<br>5.3%<br>5.6%<br>6.4%<br>6.3%<br>5.6%<br>5.1%                                 | 2,103<br>curr - 50 bp<br>0.16%<br>1.2%<br>2.8%<br>2.8%<br>3.0%<br>3.0%<br>2.8%<br>2.5%                         | 0.66%  curr val assumption  Percentage I 0.66% | 1.16% (2,048) curr + 50bp  mpact Relativ 1.16% (1.2%) (2.5%) (2.8%) (2.7%) (3.4%) (2.8%) (2.4%)  | 1.66%<br>(4,023)<br>curr + 100bp<br>e to Valuation<br>1.66%<br>(2.3%)<br>(4.9%)<br>(5.4%)<br>(5.8%)<br>(6.0%)<br>(5.4%)<br>(4.7%)                               | 2.16%<br>(5,929)<br>curr + 150bp<br>n Assumption<br>2.16%<br>(3.4%)<br>(7.1%)<br>(7.9%)<br>(8.5%)<br>(9.0%)<br>(7.8%)<br>(6.9%)   | (3,943) prior val assumption  1.64% (2.2%) (4.9%) (5.3%) (5.8%) (6.0%) (5.2%) (4.7%)   | (3,236) prior fyr en assumption  1.46% (1.8% (3.9% (4.3% (4.9% (5.2% (4.2% (3.9%)  |
| AY Total  Amounts in  AY  2005 & prior 2006 2007 2008 2009 2010 2011 2012  | 4,117<br>curr - 100 bp<br>(0.34%)<br>2.3%<br>5.3%<br>5.6%<br>6.4%<br>6.3%<br>5.6%<br>5.1%<br>4.9%                         | 2,103<br>curr - 50 bp<br>0.16%<br>1.2%<br>2.8%<br>2.8%<br>3.0%<br>3.0%<br>2.8%<br>2.5%<br>2.4%                 | 0.66%  curr val assumption  Percentage I 0.66% | 1.16% (2,048) curr + 50bp  mpact Relativ 1.16% (1.2%) (2.5%) (2.8%) (2.7%) (3.4%) (2.8%) (2.4%) (2.5%)   | 1.66%<br>(4,023)<br>curr + 100bp<br>e to Valuation<br>1.66%<br>(2.3%)<br>(4.9%)<br>(5.4%)<br>(5.8%)<br>(6.0%)<br>(5.4%)<br>(4.7%)                               | 2.16%<br>(5,929)<br>curr + 150bp<br>n Assumption<br>2.16%<br>(3.4%)<br>(7.1%)<br>(7.9%)<br>(8.5%)<br>(9.0%)<br>(7.8%)<br>(6.9%)   | (3,943) prior val assumption  1.64% (2.2%) (4.9%) (5.3%) (5.8%) (6.0%) (5.2%) (4.7%) (4.6%)  | (3,236) prior fyr en- assumptior  1.46% (1.8% (3.9% (4.3% (4.9% (5.2% (3.9% (3.7%  |
| AY Total  Amounts in  AY  2005 & prior 2006 2007 2008 2009 2010 2011 2012 2013                                   | 4,117<br>curr - 100 bp<br>(0.34%)<br>2.3%<br>5.3%<br>5.6%<br>6.4%<br>6.3%<br>5.6%<br>5.1%<br>4.9%<br>3.1%                 | 2,103<br>curr - 50 bp<br>0.16%<br>1.2%<br>2.8%<br>2.8%<br>3.0%<br>3.0%<br>2.8%<br>2.5%<br>2.4%<br>1.6%         | 0.66%  curr val assumption  Percentage I 0.66% | 1.16% (2,048) curr + 50bp  mpact Relativ 1.16% (1.2%) (2.5%) (2.8%) (2.7%) (3.4%) (2.8%) (2.4%) (2.5%) (1.5%)  | 1.66%<br>(4,023)<br>curr + 100bp<br>e to Valuatior<br>1.66%<br>(2.3%)<br>(4.9%)<br>(5.4%)<br>(6.0%)<br>(5.4%)<br>(4.7%)<br>(4.7%)<br>(2.9%)                     | 2.16%<br>(5,929)<br>curr + 150bp<br>n Assumption<br>2.16%<br>(3.4%)<br>(7.1%)<br>(7.9%)<br>(8.5%)<br>(9.0%)<br>(7.8%)<br>(6.9%)<br>(6.8%)<br>(4.3%)                     | (3,943) prior val assumption  1.64% (2.2%) (4.9%) (5.3%) (6.0%) (5.2%) (4.7%) (4.6%) (2.9%)  | (3,236) prior fyr en- assumption  1.46% (1.8% (3.9% (4.3% (4.9% (5.2% (3.9% (3.7% (2.4%)   |
| AY Total  Amounts in  AY  2005 & prior 2006 2007 2008 2009 2010 2011 2012 2013 2014                              | 4,117<br>curr - 100 bp<br>(0.34%)<br>2.3%<br>5.3%<br>5.6%<br>6.4%<br>6.3%<br>5.6%<br>5.1%<br>4.9%<br>3.1%<br>2.8%         | 2,103<br>curr - 50 bp<br>0.16%<br>1.2%<br>2.8%<br>2.8%<br>3.0%<br>3.0%<br>2.8%<br>2.5%<br>2.4%<br>1.6%<br>1.4% | 0.66%  curr val assumption  Percentage I 0.66% | 1.16% (2,048)  curr + 50bp  mpact Relativ 1.16% (1.2%) (2.5%) (2.8%) (2.7%) (3.4%) (2.8%) (2.4%) (2.5%) (1.5%) (1.4%)                                    | 1.66%<br>(4,023)<br>curr + 100bp<br>e to Valuatior<br>1.66%<br>(2.3%)<br>(4.9%)<br>(5.4%)<br>(6.0%)<br>(5.4%)<br>(4.7%)<br>(4.7%)<br>(2.9%)                     | 2.16%<br>(5,929)<br>curr + 150bp<br>1 Assumption<br>2.16%<br>(3.4%)<br>(7.1%)<br>(7.9%)<br>(8.5%)<br>(9.0%)<br>(7.8%)<br>(6.9%)<br>(6.8%)<br>(4.3%)                     | (3,943) prior val assumption  1.64% (2.2%) (4.9%) (5.3%) (5.8%) (6.0%) (5.2%) (4.7%) (4.6%) (2.9%) (2.6%)                                    | (3,236) prior fyr en assumption  1.46% (1.8% (3.9% (4.3% (4.9% (5.2% (3.9% (3.7% (2.4% (2.1%   |
| AY Total  Amounts in  AY 2005 & prior 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015                          | 4,117<br>curr - 100 bp<br>(0.34%)<br>2.3%<br>5.3%<br>5.6%<br>6.4%<br>6.3%<br>5.6%<br>5.1%<br>4.9%<br>3.1%<br>2.8%<br>2.4% | 2,103 curr - 50 bp  0.16% 1.2% 2.8% 2.8% 3.0% 3.0% 2.8% 2.5% 1.6% 1.4% 1.2%                                    | 0.66%  curr val assumption  Percentage I 0.66% | 1.16% (2,048) curr + 50bp  mpact Relativ 1.16% (1.2%) (2.5%) (2.8%) (2.8%) (2.4%) (2.5%) (1.5%) (1.4%) (1.2%)  | 1.66%<br>(4,023)<br>curr + 100bp<br>e to Valuatior<br>1.66%<br>(2.3%)<br>(4.9%)<br>(5.4%)<br>(6.0%)<br>(4.7%)<br>(4.7%)<br>(2.9%)<br>(2.7%)<br>(2.3%)           | 2.16%<br>(5,929)<br>curr + 150bp<br>n Assumption<br>2.16%<br>(3.4%)<br>(7.1%)<br>(7.9%)<br>(8.5%)<br>(9.0%)<br>(7.8%)<br>(6.9%)<br>(6.8%)<br>(4.3%)<br>(3.9%)<br>(3.4%) | (3,943) prior val assumption  1.64% (2.2%) (4.9%) (5.3%) (6.0%) (5.2%) (4.7%) (4.6%) (2.9%) (2.6%) (2.2%)                                    | (3,23¢ prior fyr en assumption 1.46% (1.8% (3.9% (4.3% (4.2% (3.9% (2.1% (2.1% (2.1% (1.8% |
| AY Total  Amounts in  AY  2005 & prior 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016                    | 4,117 curr - 100 bp  (0.34%) 2.3% 5.3% 5.6% 6.4% 6.3% 5.6% 3.1% 2.8% 2.4% 2.2%  | 2,103 curr - 50 bp  0.16% 1.2% 2.8% 2.8% 3.0% 3.0% 2.8% 2.5% 1.6% 1.4% 1.2% 1.1%                               | 0.66%  curr val assumption  Percentage I 0.66% | 1.16% (2,048) curr + 50bp  mpact Relativ 1.16% (1.2%) (2.5%) (2.8%) (2.8%) (2.4%) (2.5%) (1.5%) (1.4%) (1.2%) (1.1%)                                     | 1.66%<br>(4,023)<br>curr + 100bp<br>e to Valuatior<br>1.66%<br>(2.3%)<br>(4.9%)<br>(5.4%)<br>(6.0%)<br>(4.7%)<br>(4.7%)<br>(2.9%)<br>(2.7%)<br>(2.3%)<br>(2.1%) | 2.16% (5,929) curr + 150bp  n Assumption 2.16% (3.4%) (7.1%) (7.9%) (8.5%) (9.0%) (7.8%) (6.9%) (6.8%) (4.3%) (3.9%) (3.4%) (3.1%)                                      | (3,943) prior val assumption  1.64% (2.2%) (4.9%) (5.3%) (5.8%) (6.0%) (5.2%) (4.7%) (4.6%) (2.9%) (2.6%) (2.2%) (2.1%)                      | (3,236) prior fyr en assumption  1.46% (1.8% (3.9% (4.3% (4.9% (5.2% (3.9% (3.7% (2.4% (2.1% (1.8% (1.7%)  |
| AY Total  Amounts in  AY  2005 & prior 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017               | 4,117 curr - 100 bp  (0.34%) 2.3% 5.3% 5.6% 6.4% 6.3% 5.6% 5.1% 4.9% 3.1% 2.8% 2.4% 2.2% 2.1%                             | 2,103 curr - 50 bp  0.16% 1.2% 2.8% 2.8% 3.0% 3.0% 2.5% 2.4% 1.6% 1.4% 1.2% 1.1%                               | 0.66%  curr val assumption  Percentage I 0.66% | 1.16% (2,048) curr + 50bp  mpact Relativ 1.16% (1.2%) (2.5%) (2.8%) (2.4%) (2.4%) (2.5%) (1.1%) (1.1%) (1.1%)  | 1.66% (4,023) curr + 100bp  e to Valuatior 1.66% (2.3%) (4.9%) (5.4%) (6.0%) (4.7%) (2.9%) (2.7%) (2.2%) (2.1%) (2.1%)  | 2.16% (5,929) curr + 150bp  n Assumption 2.16% (3.4%) (7.1%) (7.9%) (8.5%) (9.0%) (7.8%) (6.9%) (6.8%) (3.4%) (3.1%) (3.1%)   | (3,943) prior val assumption  1.64% (2.2%) (4.9%) (5.3%) (6.0%) (5.2%) (4.6%) (2.9%) (2.6%) (2.2%) (2.1%) (2.0%)                             | (3,23¢ prior fyr en assumption 1.46% (1.8% (3.9% (4.3% (4.2% (3.9% (2.1% (1.8% (1.7% |
| AY Total  Amounts in  AY 2005 & prior 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018           | 4,117 curr - 100 bp  (0.34%) 2.3% 5.3% 5.6% 6.4% 6.3% 5.6% 5.1% 4.9% 3.1% 2.8% 2.4% 2.2% 2.1% 2.4%                        | 2,103 curr - 50 bp  0.16% 1.2% 2.8% 2.8% 3.0% 3.0% 2.4% 1.6% 1.4% 1.2% 1.1% 1.1%                               | 0.66%  curr val assumption  Percentage I 0.66% | 1.16% (2,048) curr + 50bp  mpact Relativ 1.16% (1.2%) (2.5%) (2.8%) (2.4%) (2.5%) (1.5%) (1.1%) (1.1%) (1.1%) (1.2%)                                     | 1.66% (4,023) curr + 100bp  e to Valuatior 1.66% (2.3%) (4.9%) (5.4%) (5.4%) (4.7%) (4.7%) (2.9%) (2.1%) (2.1%) (2.1%)  | 2.16% (5,929) curr + 150bp  n Assumption 2.16% (3.4%) (7.1%) (7.9%) (8.5%) (9.0%) (7.8%) (6.9%) (6.8%) (3.4%) (3.1%) (3.1%) (3.1%) (3.6%)                               | (3,943) prior val assumption  1.64% (2.2%) (4.9%) (5.3%) (5.8%) (6.0%) (4.6%) (2.9%) (2.2%) (2.1%) (2.0%) (2.4%)                             | (3,23¢ prior fyr en assumption 1.46% (1.8% (3.9% (4.3% (4.2% (3.9% (2.1% (2.1% (1.7% (1.7% (1.9% |
| AY Total  Amounts in  AY 2005 & prior 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019      | 4,117 curr - 100 bp  (0.34%) 2.3% 5.3% 5.6% 6.4% 6.3% 5.6% 5.1% 4.9% 3.1% 2.8% 2.4% 2.2% 2.1%                             | 2,103 curr - 50 bp  0.16% 1.2% 2.8% 2.8% 3.0% 3.0% 2.5% 2.4% 1.6% 1.4% 1.2% 1.1%                               | 0.66%  curr val assumption  Percentage I 0.66% | 1.16% (2,048) curr + 50bp  mpact Relativ 1.16% (1.2%) (2.5%) (2.8%) (2.7%) (3.4%) (2.5%) (1.5%) (1.1%) (1.1%) (1.1%) (1.2%) (1.1%) (1.4%) (1.4%)         | 1.66% (4,023) curr + 100bp  e to Valuatior 1.66% (2.3%) (4.9%) (5.4%) (6.0%) (4.7%) (2.9%) (2.7%) (2.2%) (2.1%) (2.1%)  | 2.16% (5,929) curr + 150bp  n Assumption 2.16% (3.4%) (7.1%) (7.9%) (8.5%) (9.0%) (7.8%) (6.9%) (6.8%) (3.4%) (3.1%) (3.1%) (3.1%) (3.6%)                               | (3,943) prior val assumption  1.64% (2.2%) (4.9%) (5.3%) (6.0%) (5.2%) (4.6%) (2.9%) (2.6%) (2.2%) (2.1%) (2.0%)                             | (3,23¢ prior fyr en assumption 1.46% (1.8% (3.9% (4.3% (4.2% (3.9% (2.1% (2.1% (1.7% (1.7% (1.9% |
| AY Total  Amounts in  AY 2005 & prior 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019 2020 | 4,117 curr - 100 bp  (0.34%) 2.3% 5.3% 5.6% 6.4% 6.3% 5.6% 5.1% 4.9% 3.1% 2.8% 2.2% 2.1% 2.4% 2.28% 3.1%                  | 2,103 curr - 50 bp  0.16% 1.2% 2.8% 2.8% 3.0% 3.0% 2.4% 1.6% 1.4% 1.12% 1.1% 1.3% 1.5% 1.6%                    | 0.66%  curr val assumption  Percentage I 0.66% | 1.16% (2,048) curr + 50bp  mpact Relativ 1.16% (1.2%) (2.5%) (2.8%) (2.7%) (3.4%) (2.8%) (2.5%) (1.5%) (1.15%) (1.1%) (1.1%) (1.1%) (1.2%) (1.4%) (1.5%) | 1.66% (4,023) curr + 100bp  e to Valuatior 1.66% (2.3%) (4.9%) (5.4%) (5.4%) (4.7%) (2.9%) (2.7%) (2.1%) (2.1%) (2.1%) (2.4%) (2.8%) (3.0%)                     | 2.16% (5,929) curr + 150bp  n Assumption 2.16% (3.4%) (7.1%) (7.9%) (8.5%) (9.0%) (7.8%) (6.9%) (6.8%) (3.4%) (3.1%) (3.1%) (3.1%) (3.6%)                               | (3,943) prior val assumption  1.64% (2.2%) (4.9%) (5.3%) (5.8%) (6.0%) (4.6%) (2.9%) (2.2%) (2.1%) (2.0%) (2.4%)                             | (3,23¢ prior fyr en assumptior 1.46% (1.8% (3.9% (4.3% (4.2% (3.9% (2.4% (1.7% (1.7% (1.9% (2.2% (2.4% |
| AY Total  Amounts in  AY 2005 & prior 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019      | 4,117 curr - 100 bp  (0.34%) 2.3% 5.3% 5.6% 6.4% 6.3% 5.6% 5.1% 4.9% 3.1% 2.8% 2.2% 2.1% 2.4% 2.8%                        | 2,103 curr - 50 bp  0.16% 1.2% 2.8% 2.8% 3.0% 3.0% 2.4% 1.4% 1.12% 1.1% 1.3% 1.5%                              | 0.66%  curr val assumption  Percentage I 0.66% | 1.16% (2,048) curr + 50bp  mpact Relativ 1.16% (1.2%) (2.5%) (2.8%) (2.7%) (3.4%) (2.5%) (1.5%) (1.1%) (1.1%) (1.1%) (1.2%) (1.1%) (1.4%) (1.4%)         | 1.66% (4,023) curr + 100bp  e to Valuatior 1.66% (2.3%) (4.9%) (5.4%) (5.4%) (4.7%) (2.9%) (2.7%) (2.1%) (2.1%) (2.1%) (2.4%) (2.8%)                            | 2.16% (5,929) curr + 150bp  n Assumption 2.16% (3.4%) (7.1%) (7.9%) (8.5%) (9.0%) (7.8%) (6.9%) (6.8%) (4.3%) (3.1%) (3.1%) (3.1%) (3.6%) (4.1%)                        | (3,943) prior val assumption  1.64% (2.2%) (4.9%) (5.3%) (5.8%) (6.0%) (4.7%) (4.6%) (2.9%) (2.2%) (2.1%) (2.2%) (2.1%) (2.2%) (2.4%) (2.7%) | (3,23e prior fyr end assumption 1.46% (1.8% (3.9% (4.3% (4.2% (3.9% (2.4% (1.7% (1.7% (1.9% (2.2% (2.4 |



## Interest Rate Sensitivity (\$000s)

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

page 6 of 10

### **ALBERTA**

| amounts in \$000s  |   |   |  |   |   |  |   |  |
|--|---|---|--|---|---|--|---|--|
|  | Actuar  | ial Present Va  | lue of Provisi                                 | ons at Various  | Discount Rate   | es - Dec. 31, 20   | 20 projected l  | Jnpaid   |
| AY   | (0.34%)   | 0.16%   | 0.66%  | 1.16%   | 1.66%   | 2.16%  | 1.64%   | 1.46%  |
| 2005 & prior   | 39  | 38  | 37   | 36  | 35  | 35   | 35  | 30   |
| 2006   | 4   | 4   | 4  | 4   | 4   | 4  | 4   | 4  |
| 2007   | 27  | 27  | 27   | 26  | 26  | 26   | 26  | 20   |
| 2008   | -   | -   | -  | -   | -   | -  | -   | -  |
| 2009   | 55  | 53  | 51   | 50  | 48  | 46   | 48  | 4  |
| 2010   | -   | -   | -  | -   | -   | -  | -   | -  |
| 2011   | 682   | 660   | 637  | 617   | 598   | 578  | 598   | 60   |
| 2012   | 823   | 810   | 795  | 782   | 768   | 756  | 768   | 77:  |
| 2013   | 2,424   | 2,382   | 2,341  | 2,300   | 2,260   | 2,222  | 2,262   | 2,27   |
| 2014   | 1,621   | 1,606   | 1,592  | 1,577   | 1,563   | 1,550  | 1,564   | 1,56   |
| 2015   | 5,428   | 5,383   | 5,337  | 5,292   | 5,249   | 5,207  | 5,251   | 5,26   |
| 2016   | 10,295  | 10,198  | 10,099   | 10,001  | 9,906   | 9,815  | 9,910   | 9,94   |
| 2017   | 9,822   | 9,715   | 9,603  | 9,493   | 9,387   | 9,284  | 9,391   | 9,430  |
| 2018   | 21,757  | 21,499  | 21,226   | 20,961  | 20,706  | 20,456   | 20,715  | 20,80  |
| 2019   | 34,026  | 33,545  | 33,038   | 32,547  | 32,070  | 31,606   | 32,086  | 32,259   |
| 2020   | 53,523  | 52,780  | 52,007   | 51,254  | 50,525  | 49,824   | 50,552  | 50,814   |
| Total  | 140,526   | 138,700   | 136,794  | 134,940   | 133,145   | 131,409  | 133,210   | 133,85   |
|  | curr - 100 bp   | curr - 50 bp  | curr val                                       | curr + 50bp   | curr + 100bp  | curr + 150bp   | prior val   | prior fyr en   |
|  |   |   | assumption                                     |   |   |  | assumption  | assumption   |
|  |   |   |  |   |   |  |   |  |
| Amounts in   |   |   |  |   |   |  |   |  |
|  | (0.000)   |   |  |   | o Valuation A   | · ·  | }   |  |
| AY   | (0.34%)   | 0.16%   | Dollar Imp<br>0.66%                            | 1.16%   | 1.66%   | 2.16%  | 1.64%   | :  |
|  | 3,732   | 1,906   | 0.66%<br>-                                     | 1.16%<br>(1,854)  | 1.66%<br>(3,649)  | 2.16%<br>(5,385)   | (3,584)   | (2,93  |
| AY   |   |   | 0.66%<br>-<br>curr val                         | 1.16%<br>(1,854)  | 1.66%   | 2.16%<br>(5,385)   | (3,584)<br>prior val  | (2,93<br>prior fyr en  |
| AY<br>Total  | 3,732   | 1,906   | 0.66%<br>-                                     | 1.16%<br>(1,854)  | 1.66%<br>(3,649)  | 2.16%<br>(5,385)   | (3,584)   | prior fyr en   |
| AY   | 3,732   | 1,906   | 0.66%<br>-<br>curr val<br>assumption           | 1.16%<br>(1,854)<br>curr + 50bp   | 1.66%<br>(3,649)<br>curr + 100bp  | 2.16%<br>(5,385)<br>curr + 150bp   | (3,584)<br>prior val  | (2,937<br>prior fyr en   |
| AY<br>Total<br>Amounts in  | 3,732<br>curr - 100 bp  | 1,906<br>curr - 50 bp   | 0.66% - curr val assumption Percentage I       | 1.16%<br>(1,854)<br>curr + 50bp<br>mpact Relativ  | 1.66%<br>(3,649)<br>curr + 100bp  | 2.16%<br>(5,385)<br>curr + 150bp   | (3,584)<br>prior val<br>assumption  | (2,93<br>prior fyr en<br>assumption  |
| AY Total Amounts in  | 3,732<br>curr - 100 bp  | 1,906   | 0.66%<br>-<br>curr val<br>assumption           | 1.16%<br>(1,854)<br>curr + 50bp   | 1.66%<br>(3,649)<br>curr + 100bp<br>e to Valuatior<br>1.66%   | 2.16%<br>(5,385)<br>curr + 150bp<br>Assumption<br>2.16%  | (3,584)<br>prior val  | (2,93<br>prior fyr en  |
| AY<br>Total<br>Amounts in  | 3,732<br>curr - 100 bp  | 1,906<br>curr - 50 bp   | 0.66% - curr val assumption Percentage I       | 1.16%<br>(1,854)<br>curr + 50bp<br>mpact Relativ  | 1.66%<br>(3,649)<br>curr + 100bp  | 2.16%<br>(5,385)<br>curr + 150bp   | (3,584)<br>prior val<br>assumption  | (2,93)<br>prior fyr en<br>assumption<br>1.46%  |
| AY Total  Amounts in  AY 2005 & prior 2006   | 3,732<br>curr - 100 bp  | 1,906<br>curr - 50 bp   | 0.66%  curr val assumption  Percentage I 0.66% | 1.16%<br>(1,854)<br>curr + 50bp<br>mpact Relativ<br>1.16%   | 1.66%<br>(3,649)<br>curr + 100bp<br>e to Valuatior<br>1.66%   | 2.16%<br>(5,385)<br>curr + 150bp<br>Assumption<br>2.16%  | (3,584)<br>prior val<br>assumption<br>1.64%   | (2,93<br>prior fyr en<br>assumption<br>1.46%   |
| AY Total  Amounts in  AY 2005 & prior 2006 2007  | 3,732<br>curr - 100 bp  | 1,906<br>curr - 50 bp   | 0.66%  curr val assumption  Percentage I 0.66% | 1.16%<br>(1,854)<br>curr + 50bp<br>mpact Relativ<br>1.16%<br>(2.7%)   | 1.66%<br>(3,649)<br>curr + 100bp<br>e to Valuatior<br>1.66%<br>(5.4%)   | 2.16%<br>(5,385)<br>curr + 150bp<br>Assumption<br>2.16%  | (3,584)<br>prior val<br>assumption<br>1.64%   | (2,93<br>prior fyr en<br>assumption<br>1.46%<br>(2.7%  |
| AY Total  Amounts in  AY 2005 & prior 2006 2007 2008   | 3,732<br>curr - 100 bp<br>(0.34%)<br>5.4%   | 1,906<br>curr - 50 bp   | 0.66%  curr val assumption  Percentage I 0.66% | 1.16%<br>(1,854)<br>curr + 50bp<br>mpact Relativ<br>1.16%<br>(2.7%)<br>-<br>(3.7%)  | 1.66%<br>(3,649)<br>curr + 100bp<br>e to Valuatior<br>1.66%<br>(5.4%)<br>-<br>(3.7%)  | 2.16%<br>(5,385)<br>curr + 150bp<br>Assumption<br>2.16%<br>(5.4%)  | (3,584) prior val assumption  1.64% (5.4%) - (3.7%)   | (2,93<br>prior fyr en<br>assumption<br>1.469<br>(2.79  |
| AY Total  Amounts in  AY 2005 & prior 2006 2007 2008 2009  | 3,732<br>curr - 100 bp  | 1,906<br>curr - 50 bp   | 0.66%  curr val assumption  Percentage I 0.66% | 1.16%<br>(1,854)<br>curr + 50bp<br>mpact Relativ<br>1.16%<br>(2.7%)   | 1.66%<br>(3,649)<br>curr + 100bp<br>e to Valuatior<br>1.66%<br>(5.4%)   | 2.16%<br>(5,385)<br>curr + 150bp<br>Assumption<br>2.16%<br>(5.4%)  | (3,584)<br>prior val<br>assumption<br>1.64%<br>(5.4%)   | (2,93<br>prior fyr en<br>assumption<br>1.469<br>(2.79  |
| AY Total  Amounts in  AY 2005 & prior 2006 2007 2008 2009 2010   | 3,732<br>curr - 100 bp<br>(0.34%)<br>5.4%<br>-<br>-<br>-<br>7.8%                      | 1,906<br>curr - 50 bp<br>0.16%<br>2.7%<br>-<br>-<br>-<br>3.9%                 | 0.66%  curr val assumption  Percentage I 0.66% | 1.16%<br>(1,854)<br>curr + 50bp<br>mpact Relativ<br>1.16%<br>(2.7%)<br>-<br>(3.7%)<br>-<br>(2.0%)                                 | 1.66%<br>(3,649)<br>curr + 100bp<br>e to Valuatior<br>1.66%<br>(5.4%)<br>-<br>(3.7%)<br>-<br>(5.9%)                                 | 2.16%<br>(5,385)<br>curr + 150bp<br>Assumption<br>2.16%<br>(5.4%)<br>-<br>(3.7%)<br>-<br>(9.8%)                                    | (3,584) prior val assumption  1.64% (5.4%) - (3.7%) - (5.9%)  | (2,93<br>prior fyr en<br>assumption<br>1.469<br>(2.79<br>-<br>(3.79  |
| AY Total  Amounts in  AY  2005 & prior 2006 2007 2008 2009 2010 2011   | 3,732<br>curr - 100 bp<br>(0.34%)<br>5.4%<br>-<br>-<br>-<br>7.8%                      | 1,906 curr - 50 bp  0.16% 2.7% 3.9% - 3.6%                                    | 0.66%  curr val assumption  Percentage I 0.66% | 1.16%<br>(1,854)<br>curr + 50bp<br>mpact Relativ<br>1.16%<br>(2.7%)<br>-<br>(3.7%)<br>-<br>(2.0%)                                 | 1.66%<br>(3,649)<br>curr + 100bp<br>e to Valuatior<br>1.66%<br>(5.4%)<br>-<br>(3.7%)<br>-<br>(5.9%)                                 | 2.16%<br>(5,385)<br>curr + 150bp<br>Assumption<br>2.16%<br>(5.4%)<br>-<br>(9.8%)<br>-<br>(9.3%)                                    | (3,584) prior val assumption  1.64% (5.4%) - (3.7%) - (5.9%) - (6.1%)   | (2,93<br>prior fyr en<br>assumption<br>1.46%<br>(2.79<br>-<br>(3.79)<br>-<br>(5.99   |
| AY Total  Amounts in  AY 2005 & prior 2006 2007 2008 2009 2010 2011 2012                                     | 3,732<br>curr - 100 bp<br>(0.34%)<br>5.4%<br>-<br>-<br>-<br>7.8%<br>-<br>7.1%<br>3.5% | 1,906 curr - 50 bp  0.16% 2.7% 3.9% - 3.6% 1.9%                               | 0.66%  curr val assumption  Percentage I 0.66% | 1.16%<br>(1,854)<br>curr + 50bp<br>mpact Relativ<br>1.16%<br>(2.7%)<br>-<br>(3.7%)<br>-<br>(2.0%)<br>-<br>(3.1%)<br>(1.6%)        | 1.66% (3,649) curr + 100bp  e to Valuatior 1.66% (5.4%) - (3.7%) - (5.9%) - (6.1%) (3.4%)   | 2.16%<br>(5,385)<br>curr + 150bp<br>Assumption<br>2.16%<br>(5.4%)<br>-<br>(9.8%)<br>-<br>(9.3%)<br>(4.9%)                          | (3,584) prior val assumption  1.64% (5.4%) - (3.7%) - (5.9%) - (6.1%) (3.4%)  | (2,93<br>prior fyr en<br>assumption<br>1.469<br>(2.79<br>-<br>(3.79<br>(5.99<br>(5.09)   |
| AY Total  Amounts in  AY  2005 & prior 2006 2007 2008 2009 2010 2011 2012 2013                               | 3,732 curr - 100 bp  (0.34%) 5.4% 7.8% - 7.1% 3.5% 3.5%                               | 1,906 curr - 50 bp  0.16% 2.7% 3.9% - 3.6% 1.9% 1.8%                          | 0.66%  curr val assumption  Percentage I 0.66% | 1.16% (1,854) curr + 50bp  mpact Relativ 1.16% (2.7%) - (3.7%) - (2.0%) - (3.1%) (1.6%) (1.8%)                                    | 1.66% (3,649) curr + 100bp  e to Valuatior 1.66% (5.4%) - (3.7%) - (5.9%) - (6.1%) (3.4%) (3.5%)                                    | 2.16%<br>(5,385)<br>curr + 150bp<br>Assumption<br>2.16%<br>(5.4%)<br>-<br>(3.7%)<br>-<br>(9.8%)<br>-<br>(9.3%)<br>(4.9%)<br>(5.1%) | (3,584) prior val assumption  1.64% (5.4%) - (3.7%) - (5.9%) - (6.1%) (3.4%) (3.4%)   | (2,93<br>prior fyr en<br>assumption<br>1.46%<br>(2.79<br>-<br>(3.79<br>(5.99)<br>(5.99)<br>(2.89)<br>(2.89)  |
| AY Total  Amounts in  AY  2005 & prior 2006 2007 2008 2009 2010 2011 2012 2013 2014                          | 3,732 curr - 100 bp  (0.34%) 5.4% 7.8% - 7.1% 3.5% 3.5% 1.8%                          | 1,906 curr - 50 bp  0.16% 2.7%  | 0.66%  curr val assumption  Percentage I 0.66% | 1.16% (1,854) curr + 50bp  mpact Relativ 1.16% (2.7%) - (3.7%) - (2.0%) - (3.1%) (1.6%) (1.8%) (0.9%)                             | 1.66% (3,649) curr + 100bp  e to Valuatior 1.66% (5.4%) - (3.7%) - (5.9%) - (6.1%) (3.4%) (3.5%) (1.8%)                             | 2.16%<br>(5,385)<br>curr + 150bp<br>Assumption<br>2.16%<br>(5.4%)<br>-<br>(9.8%)<br>-<br>(9.3%)<br>(4.9%)<br>(5.1%)<br>(2.6%)      | (3,584) prior val assumption  1.64% (5.4%) - (3.7%) - (5.9%) - (6.1%) (3.4%) (3.4%) (1.8%)                                    | (2,93<br>prior fyr en<br>assumption<br>1.46%<br>(2.79<br>-<br>(3.79<br>(5.99)<br>(5.09)<br>(2.89)<br>(2.89)<br>(1.49)  |
| AY Total  Amounts in  AY 2005 & prior 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015                      | 3,732 curr - 100 bp  (0.34%) 5.4% 7.8% - 7.1% 3.5% 3.5% 1.8% 1.7%                     | 1,906 curr - 50 bp  0.16% 2.7%  | 0.66%  curr val assumption  Percentage I 0.66% | 1.16% (1,854) curr + 50bp  mpact Relativ 1.16% (2.7%) - (3.7%) - (2.0%) (1.6%) (1.8%) (0.9%) (0.8%)                               | 1.66% (3,649) curr + 100bp  e to Valuatior 1.66% (5.4%) - (3.7%) - (5.9%) - (6.1%) (3.4%) (3.5%) (1.8%) (1.6%)                      | 2.16% (5,385) curr + 150bp  1 Assumption 2.16% (5.4%) - (3.7%) - (9.8%) - (9.3%) (4.9%) (5.1%) (2.6%) (2.4%)                       | (3,584) prior val assumption  1.64% (5.4%) - (3.7%) - (5.9%) - (6.1%) (3.4%) (3.4%) (1.8%) (1.6%)                             | (2,93 prior fyr en assumption 1.46% (2.79 - (3.79 - (5.99 (2.8% (2.8% (1.4% (1.3% (1 |
| AY Total  Amounts in  AY 2005 & prior 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016                 | 3,732 curr - 100 bp  (0.34%) 5.4% 7.8% - 7.1% 3.5% 3.5% 1.8% 1.7% 1.9%                | 1,906 curr - 50 bp  0.16% 2.7%  | 0.66%  curr val assumption  Percentage I 0.66% | 1.16% (1,854) curr + 50bp  mpact Relativ 1.16% (2.7%) - (3.7%) - (2.0%) (1.6%) (1.8%) (0.9%) (0.8%) (1.0%)                        | 1.66% (3,649) curr + 100bp  e to Valuatior 1.66% (5.4%) - (3.7%) - (5.9%) - (6.1%) (3.4%) (3.5%) (1.8%) (1.6%) (1.9%)               | 2.16% (5,385) curr + 150bp  1 Assumption 2.16% (5.4%) - (3.7%) - (9.8%) (9.3%) (4.9%) (5.1%) (2.6%) (2.4%) (2.8%)                  | (3,584) prior val assumption  1.64% (5.4%) - (3.7%) - (5.9%) - (6.1%) (3.4%) (1.8%) (1.6%) (1.9%)                             | (2,93<br>prior fyr en<br>assumption<br>1.46%<br>(2.79<br>-<br>(3.79<br>(5.99)<br>(5.09)<br>(2.89)<br>(1.49)<br>(1.39)<br>(1.59)  |
| AY Total  Amounts in  AY 2005 & prior 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017            | 3,732 curr - 100 bp  (0.34%) 5.4% 7.8% - 7.1% 3.5% 3.5% 1.8% 1.7% 1.9% 2.3%           | 1,906 curr - 50 bp  0.16% 2.7% 3.9% - 3.6% 1.9% 1.8% 0.9% 0.9% 1.0% 1.2%      | 0.66%  curr val assumption  Percentage I 0.66% | 1.16% (1,854) curr + 50bp  mpact Relativ 1.16% (2.7%) - (3.7%) - (2.0%) (1.6%) (1.8%) (0.9%) (0.8%) (1.0%) (1.1%)                 | 1.66% (3,649) curr + 100bp  e to Valuatior 1.66% (5.4%) - (3.7%) - (5.9%) - (6.1%) (3.4%) (3.5%) (1.8%) (1.6%) (1.9%) (2.2%)        | 2.16% (5,385) curr + 150bp  1 Assumption 2.16% (5.4%) - (9.8%) - (9.3%) (4.9%) (5.1%) (2.6%) (2.4%) (2.8%) (3.3%)                  | (3,584) prior val assumption  1.64% (5.4%) - (3.7%) - (5.9%) - (6.1%) (3.4%) (1.8%) (1.6%) (1.9%) (2.2%)                      | (2,93<br>prior fyr en<br>assumptio<br>1.469<br>(2.79<br>-<br>(3.79<br>(5.99<br>(2.89<br>(2.89<br>(1.49<br>(1.39<br>(1.59<br>(1.89  |
| AY Total  Amounts in  AY  2005 & prior 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018      | 3,732 curr - 100 bp  (0.34%) 5.4% 7.8% - 7.1% 3.5% 3.5% 1.8% 1.7% 1.9% 2.3% 2.5%      | 1,906 curr - 50 bp  0.16% 2.7%  | 0.66%  curr val assumption  Percentage I 0.66% | 1.16% (1,854) curr + 50bp  mpact Relativ 1.16% (2.7%) - (3.7%) - (2.0%) - (3.1%) (1.6%) (1.8%) (0.9%) (0.8%) (1.0%) (1.1%) (1.2%) | 1.66% (3,649) curr + 100bp  e to Valuatior 1.66% (5.4%) - (3.7%) - (5.9%) - (6.1%) (3.4%) (3.5%) (1.8%) (1.9%) (2.2%) (2.4%)        | 2.16% (5,385) curr + 150bp  1 Assumption 2.16% (5.4%) - (9.8%) - (9.3%) (4.9%) (5.1%) (2.6%) (2.4%) (2.8%) (3.3%) (3.6%)           | (3,584) prior val assumption  1.64% (5.4%) - (3.7%) - (5.9%) - (6.1%) (3.4%) (1.8%) (1.6%) (1.9%) (2.2%) (2.4%)               | (2,93 prior fyr en assumptio  1.469 (2.79 - (3.79 - (5.99 - (2.89 (1.49 (1.39 (1.59 (1.89 (2.09  |
| AY Total  Amounts in  AY  2005 & prior 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019 | 3,732 curr - 100 bp  (0.34%) 5.4% 7.8% - 7.1% 3.5% 3.5% 1.8% 1.7% 1.9% 2.3% 2.5% 3.0% | 1,906 curr - 50 bp  0.16% 2.7% 3.9% - 3.6% 1.9% 1.8% 0.9% 1.0% 1.2% 1.3% 1.5% | 0.66%  curr val assumption  Percentage I 0.66% | 1.16% (1,854) curr + 50bp  mpact Relativ 1.16% (2.7%) - (3.7%) - (2.0%) (1.6%) (1.8%) (0.9%) (0.8%) (1.1%) (1.1%) (1.2%) (1.5%)   | 1.66% (3,649) curr + 100bp  e to Valuatior 1.66% (5.4%) - (3.7%) - (5.9%) - (6.1%) (3.4%) (1.8%) (1.6%) (1.9%) (2.2%) (2.4%) (2.9%) | 2.16% (5,385) curr + 150bp  1 Assumption 2.16% (5.4%) - (9.8%) - (9.3%) (4.9%) (5.1%) (2.6%) (2.4%) (2.8%) (3.3%) (3.6%) (4.3%)    | (3,584) prior val assumption  1.64% (5.4%) - (3.7%) - (5.9%) - (6.1%) (3.4%) (1.8%) (1.6%) (1.9%) (2.2%) (2.4%) (2.9%)        | (2,93 prior fyr en assumptio  1.469 (2.79 - (3.79 - (5.99 (2.89 (1.49 (1.39 (1.59 (1.89 (2.99 (2.49  |
| AY Total  Amounts in  AY  2005 & prior 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018      | 3,732 curr - 100 bp  (0.34%) 5.4% 7.8% - 7.1% 3.5% 3.5% 1.8% 1.7% 1.9% 2.3% 2.5%      | 1,906 curr - 50 bp  0.16% 2.7%  | 0.66%  curr val assumption  Percentage I 0.66% | 1.16% (1,854) curr + 50bp  mpact Relativ 1.16% (2.7%) - (3.7%) - (2.0%) - (3.1%) (1.6%) (1.8%) (0.9%) (0.8%) (1.0%) (1.1%) (1.2%) | 1.66% (3,649) curr + 100bp  e to Valuatior 1.66% (5.4%) - (3.7%) - (5.9%) - (6.1%) (3.4%) (3.5%) (1.8%) (1.9%) (2.2%) (2.4%)        | 2.16% (5,385) curr + 150bp  1 Assumption 2.16% (5.4%) - (9.8%) - (9.3%) (4.9%) (5.1%) (2.6%) (2.4%) (2.8%) (3.3%) (3.6%)           | (3,584) prior val assumption  1.64% (5.4%) - (3.7%) - (5.9%) - (6.1%) (3.4%) (1.8%) (1.6%) (1.9%) (2.2%) (2.4%) (2.9%) (2.8%) | (2,93 prior fyr en assumptio  1.469 (2.79 (3.79 (5.99 (2.89 (1.49 (1.39 (1.59 (2.09 (2.49 (2.39  |



## Interest Rate Sensitivity (\$000s)

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

page 7 of 10

### YUKON

| mounts in \$000s  |                                |                                  |   |   |   |  |  |  |
|---|--------------------------------|----------------------------------|---|---|---|--|--|--|
|   | Actuar                         | ial Present Va                   | lue of Provisi                                  | ons at Various  | Discount Rate   | es - Dec. 31, 20   | 20 projected l   | Jnpaid   |
| AY  | (0.34%)                        | 0.16%                            | 0.66%   | 1.16%   | 1.66%   | 2.16%  | 1.64%  | 1.46%  |
| 2005 & prior  |                                | -                                | -   | -   | -   | -  | -  | -  |
| 2006  | -                              | -                                | -   | -   | -   | -  | -  | -  |
| 2007  |                                |                                  |   |   |   |  | <u></u>  | <u> </u>   |
| 2008  | -                              | -                                | -   | -   | -   | -  | -  | -  |
| 2009  |                                |                                  |   |   |   |  | <u></u>  | <u> </u>   |
| 2010  | -                              | -                                | -   | -   | -   | -  | -  | -  |
| 2011  |                                |                                  |   |   |   |  | <u> </u>   | ļ <u>.</u>                                       |
| 2012  | 1                              | 1                                | 1   | 1   | 1   | 1  | 1  | :  |
| 2013  | 3                              | 3                                | 3   | 3   | 3   | 3  | 3  | ļ <u>.</u>                                       |
| 2014  | 7                              | 7                                | 7   | 7   | 7   | 7  | 7  |  |
| 2015  | 16                             | 16                               | 16  | 15  | 15  | 15   | 15   | 1!   |
| 2016  | 46                             | 45                               | 45  | 45  | 45  | 43   | 45   | 45   |
| 2017  | 919                            | 909                              | 899   | 888   | 879   | 869  | 879  | 883  |
| 2018  | 538                            | 532                              | 525   | 519   | 513   | 507  | 513  | 51!  |
| 2019  | 565                            | 558                              | 550   | 542   | 534   | 527  | 534  | 537  |
| 2020  | 669                            | 661                              | 652   | 644   | 636   | 629  | 637  | 640  |
| Total   | 2,764                          | 2,732                            | 2,698   | 2,664   | 2,633   | 2,601  | 2,634  | 2,640  |
|   | curr - 100 bp                  | curr - 50 bp                     | curr val  | curr + 50bp   | curr + 100bp  | curr + 150bp   | prior val<br>assumption  | prior fyr en                                     |
| mounts in   |                                |                                  | assumption                                      |   |   |  | ,  | , , ,  |
|   |                                |                                  | Dollar Imp                                      | act Relative t  | o Valuation A   | ssumption  |  |  |
| AY  | (0.34%)                        | 0.16%                            | Dollar Imp<br>0.66%                             | act Relative t<br>1.16%   | o Valuation A<br>1.66%  | ssumption<br>2.16%   | 1.64%  | 1.46%  |
| <b>AY</b><br>Total  | (0.34%)                        | 0.16%                            |   |   |   | · ·  | 1.64%<br>(64)  | :  |
|   |                                | 34                               |   | 1.16%<br>(34)   | 1.66%   | 2.16%<br>(97)  | <del>}</del>   | (52  |
| Total   | 66                             | 34                               | 0.66%<br>-                                      | 1.16%<br>(34)   | 1.66%<br>(65)   | 2.16%<br>(97)  | (64)   | (52<br>prior fyr en                              |
|   | 66                             | 34                               | 0.66%<br>-<br>curr val<br>assumption            | 1.16%<br>(34)<br>curr + 50bp  | 1.66%<br>(65)   | 2.16%<br>(97)<br>curr + 150bp  | (64)<br>prior val  | prior fyr en                                     |
| Total   | 66                             | 34                               | 0.66%<br>-<br>curr val<br>assumption            | 1.16%<br>(34)<br>curr + 50bp  | 1.66%<br>(65)<br>curr + 100bp   | 2.16%<br>(97)<br>curr + 150bp  | (64)<br>prior val  | (5)<br>prior fyr en<br>assumption                |
| Total<br>Amounts in   | 66<br>curr - 100 bp            | 34<br>curr - 50 bp               | 0.66% - curr val assumption Percentage I        | 1.16%<br>(34)<br>curr + 50bp<br>mpact Relativ                           | 1.66%<br>(65)<br>curr + 100bp   | 2.16%<br>(97)<br>curr + 150bp  | prior val<br>assumption  | (5)<br>prior fyr en<br>assumption                |
| Total<br>Amounts in   | 66<br>curr - 100 bp<br>(0.34%) | 34<br>curr - 50 bp<br>0.16%      | 0.66%  curr val assumption  Percentage I  0.66% | 1.16%<br>(34)<br>curr + 50bp<br>mpact Relativ<br>1.16%                  | 1.66%<br>(65)<br>curr + 100bp<br>e to Valuation<br>1.66%                      | 2.16%<br>(97)<br>curr + 150bp<br>Assumption<br>2.16%                           | prior val<br>assumption  | (5)<br>prior fyr en<br>assumption                |
| Total  Amounts in  AY  2005 & prior   | 66<br>curr - 100 bp<br>(0.34%) | 34<br>curr - 50 bp<br>0.16%      | 0.66%  curr val assumption  Percentage I  0.66% | 1.16%<br>(34)<br>curr + 50bp<br>mpact Relativ<br>1.16%                  | 1.66%<br>(65)<br>curr + 100bp<br>e to Valuation<br>1.66%                      | 2.16%<br>(97)<br>curr + 150bp<br>Assumption<br>2.16%                           | prior val<br>assumption  | (5)<br>prior fyr en<br>assumption                |
| Total Amounts in  AY 2005 & prior 2006  | 66<br>curr - 100 bp<br>(0.34%) | 34<br>curr - 50 bp<br>0.16%      | 0.66%  curr val assumption  Percentage I  0.66% | 1.16%<br>(34)<br>curr + 50bp<br>mpact Relativ<br>1.16%                  | 1.66%<br>(65)<br>curr + 100bp<br>e to Valuation<br>1.66%                      | 2.16%<br>(97)<br>curr + 150bp<br>Assumption<br>2.16%                           | prior val<br>assumption  | (5)<br>prior fyr en<br>assumption                |
| Total  AY  2005 & prior  2006  2007   | 66<br>curr - 100 bp<br>(0.34%) | 34<br>curr - 50 bp<br>0.16%      | 0.66%  curr val assumption  Percentage I  0.66% | 1.16%<br>(34)<br>curr + 50bp<br>mpact Relativ<br>1.16%                  | 1.66%<br>(65)<br>curr + 100bp<br>e to Valuation<br>1.66%                      | 2.16%<br>(97)<br>curr + 150bp<br>Assumption<br>2.16%                           | prior val<br>assumption  | (5)<br>prior fyr en<br>assumption                |
| Total  AY  2005 & prior  2006  2007  2008   | 66<br>curr - 100 bp<br>(0.34%) | 34<br>curr - 50 bp<br>0.16%      | 0.66%  curr val assumption  Percentage I  0.66% | 1.16%<br>(34)<br>curr + 50bp<br>mpact Relativ<br>1.16%                  | 1.66%<br>(65)<br>curr + 100bp<br>e to Valuation<br>1.66%                      | 2.16%<br>(97)<br>curr + 150bp<br>Assumption<br>2.16%                           | prior val<br>assumption  | (5)<br>prior fyr en<br>assumption                |
| Total  AY  2005 & prior  2006  2007  2008  2009   | 66<br>curr - 100 bp<br>(0.34%) | 34<br>curr - 50 bp<br>0.16%      | 0.66%  curr val assumption  Percentage I  0.66% | 1.16%<br>(34)<br>curr + 50bp<br>mpact Relativ<br>1.16%                  | 1.66%<br>(65)<br>curr + 100bp<br>e to Valuation<br>1.66%                      | 2.16%<br>(97)<br>curr + 150bp<br>Assumption<br>2.16%                           | prior val<br>assumption  | (5)<br>prior fyr en<br>assumption                |
| Total  AY  2005 & prior  2006  2007  2008  2009  2010   | 66<br>curr - 100 bp<br>(0.34%) | 34<br>curr - 50 bp<br>0.16%      | 0.66%  curr val assumption  Percentage I  0.66% | 1.16%<br>(34)<br>curr + 50bp<br>mpact Relativ<br>1.16%                  | 1.66%<br>(65)<br>curr + 100bp<br>e to Valuation<br>1.66%                      | 2.16%<br>(97)<br>curr + 150bp<br>Assumption<br>2.16%                           | prior val<br>assumption  | (52<br>prior fyr en                              |
| Total  AY  2005 & prior 2006 2007 2008 2009 2010 2011   | 66<br>curr - 100 bp<br>(0.34%) | 34<br>curr - 50 bp<br>0.16%      | 0.66%  curr val assumption  Percentage I  0.66% | 1.16%<br>(34)<br>curr + 50bp<br>mpact Relativ<br>1.16%                  | 1.66%<br>(65)<br>curr + 100bp<br>e to Valuation<br>1.66%                      | 2.16%<br>(97)<br>curr + 150bp<br>Assumption<br>2.16%                           | prior val<br>assumption  | (5)<br>prior fyr en<br>assumption                |
| Total  AY  2005 & prior 2006 2007 2008 2009 2010 2011 2012  | 66<br>curr - 100 bp<br>(0.34%) | 34<br>curr - 50 bp<br>0.16%      | 0.66%  curr val assumption  Percentage I  0.66% | 1.16%<br>(34)<br>curr + 50bp<br>mpact Relativ<br>1.16%                  | 1.66%<br>(65)<br>curr + 100bp<br>e to Valuation<br>1.66%                      | 2.16%<br>(97)<br>curr + 150bp<br>Assumption<br>2.16%                           | prior val<br>assumption  | (5)<br>prior fyr en<br>assumption                |
| Total  AY  2005 & prior  2006  2007  2008  2009  2010  2011  2012  2013                               | 66<br>curr - 100 bp<br>(0.34%) | 34<br>curr - 50 bp<br>0.16%      | 0.66%  curr val assumption  Percentage I  0.66% | 1.16% (34)  curr + 50bp  mpact Relativ 1.16%                            | 1.66% (65)  curr + 100bp  e to Valuation 1.66%                                | 2.16% (97) curr + 150bp  1 Assumption 2.16%                                    | (64) prior val assumption  1.64%                                     | (5: prior fyr en assumption  1.46%               |
| Total  AY  2005 & prior  2006  2007  2008  2009  2010  2011  2012  2013  2014                         | 66<br>curr - 100 bp<br>(0.34%) | 34<br>curr - 50 bp<br>0.16%      | 0.66%  curr val assumption  Percentage I  0.66% | 1.16%<br>(34)<br>curr + 50bp<br>mpact Relativ<br>1.16%                  | 1.66%<br>(65)<br>curr + 100bp<br>e to Valuation<br>1.66%                      | 2.16% (97) curr + 150bp  1 Assumption 2.16%                                    | (64) prior val assumption  1.64%                                     | (5. prior fyr en assumption                      |
| Total  AY  2005 & prior  2006  2007  2008  2009  2010  2011  2012  2013  2014  2015                   | 66 curr - 100 bp  (0.34%)      | 34<br>curr - 50 bp<br>0.16%      | 0.66%  curr val assumption  Percentage I  0.66% | 1.16% (34)  curr + 50bp  mpact Relativ 1.16%                            | 1.66% (65) curr + 100bp  e to Valuatior 1.66%                                 | 2.16% (97) curr + 150bp  1 Assumption 2.16% (6.3%) (4.4%)                      | (64) prior val assumption  1.64%                                     | (5) prior fyr en assumption  1.469 (6.39         |
| Total  AY  2005 & prior 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016                        | 66 curr - 100 bp  (0.34%)      | 34 curr - 50 bp                  | 0.66%  curr val assumption  Percentage I  0.66% | 1.16% (34) curr + 50bp  mpact Relativ 1.16%                             | 1.66% (65) curr + 100bp  e to Valuatior 1.66%                                 | 2.16% (97) curr + 150bp  1 Assumption 2.16% (6.3%) (4.4%) (3.3%)               | (64) prior val assumption  1.64% (6.3%)                              | (5.39 prior fyr en assumption 1.46%              |
| Total  AY  2005 & prior  2006  2007  2008  2009  2010  2011  2012  2013  2014  2015  2016  2017       | 66 curr - 100 bp  (0.34%)      | 34 curr - 50 bp                  | 0.66%  curr val assumption  Percentage I  0.66% | 1.16% (34) curr + 50bp  mpact Relativ 1.16% (6.3%) (1.2%)               | 1.66% (65) curr + 100bp  e to Valuatior 1.66%                                 | 2.16% (97) curr + 150bp  1 Assumption 2.16% (6.3%) (4.4%) (3.3%) (3.4%)        | (64) prior val assumption  1.64%  (6.3%)                             | (539<br>prior fyr en assumptio                   |
| Total  AY  2005 & prior 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019         | 66 curr - 100 bp  (0.34%)      | 34 curr - 50 bp  0.16% 1.1% 1.3% | 0.66%  curr val assumption  Percentage I  0.66% | 1.16% (34) curr + 50bp  mpact Relativ 1.16% (6.3%) (1.2%) (1.1%)        | 1.66% (65) curr + 100bp  Te to Valuation 1.66%  (6.3%) (2.2%) (2.3%)          | 2.16% (97) curr + 150bp  1 Assumption 2.16% (6.3%) (4.4%) (3.3%) (3.4%)        | (64) prior val assumption  1.64%                                     | (53) 1.469                                       |
| Total  AY  2005 & prior  2006  2007  2008  2009  2010  2011  2012  2013  2014  2015  2016  2017  2018 | 66 curr - 100 bp  (0.34%)      | 34 curr - 50 bp  0.16%           | 0.66%  curr val assumption  Percentage I  0.66% | 1.16% (34) curr + 50bp  mpact Relativ 1.16% (6.3%) (1.2%) (1.1%) (1.5%) | 1.66% (65)  curr + 100bp  e to Valuatior 1.66%  (6.3%) - (2.2%) (2.3%) (2.9%) | 2.16% (97) curr + 150bp  1 Assumption 2.16% (6.3%) (4.4%) (3.3%) (3.4%) (4.2%) | (64) prior val assumption  1.64%  (6.3%) (2.2%) (2.3%) (2.9%) (2.3%) | (5.39<br>prior fyr en<br>assumption<br>1.469<br> |



# Interest Rate Sensitivity (\$000s)

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

page 8 of 10

### NORTHWEST TERRITORIES

|  | Actuar  | rial Present Va                                 | lue of Provisi                                  | ons at Various   | Discount Rate   | es - Dec. 31, 20  | 20 projected I   | Unpaid                            |
|--|---|---|---|--|---|---|--|-----------------------------------|
| AY   | (0.34%)   | 0.16%   | 0.66%   | 1.16%  | 1.66%   | 2.16%   | 1.64%  | 1.469                             |
| 2005 & prior   | -   | -   | -   | -  | -   | -   | -  | -                                 |
| 2006   | -   | -   | -   | -  | -   | -   | -  | -                                 |
| 2007   | -   | -   | -   | -  | -   | -   | -  | -                                 |
| 2008   | -   |   | -   | -  |   |   | -  | -                                 |
| 2009   | -   | -   | -   | -  | -   | -   | -  | -                                 |
| 2010   | -   | -   | -   | -  | -   | -   | -  | -                                 |
| 2011   | -   | -   | -   | -  | -   | -   | -  | -                                 |
| 2012   | 2   | 2   | 2   | 2  | 2   | 2   | 2  | <u> </u>                          |
| 2013   | 406   | 400   | 394   | 387  | 382   | 376   | 382  | 38                                |
| 2014   | 18  | 18  | 17  | 17   | 17  | 17  | 17   | 1                                 |
| 2015   | 33  | 33  | 32  | 32   | 32  | 31  | 32   | 3                                 |
| 2016   | 88  | 88  | 86  | 86   | 84  | 84  | 84   | 8                                 |
| 2017   | 630   | 623   | 615   | 608  | 601   | 594   | 601  | 60                                |
| 2018   | 581   | 573   | 566   | 560  | 552   | 545   | 553  | 55                                |
| 2019   | 1,038   | 1,024   | 1,008   | 994  | 980   | 966   | 980  | 98                                |
| 2020   | 1,326   | 1,309   | 1,289   | 1,270  | 1,252   | 1,235   | 1,253  | 1,26                              |
| Total  | 4,122   | 4,070   | 4,009   | 3,956  | 3,902   | 3,850   | 3,904  | 3,92                              |
|  | curr - 100 bp                                   | curr - 50 bp                                    | curr val  | curr + 50bp  | curr + 100bp  | curr + 150bp  | prior val  | prior fyr er                      |
|  | ·   | ·   | assumption                                      | 1  |   |   | assumption   | !                                 |
| mounts in  |   |   |   |  |   |   | •  | •                                 |
|  |   |   | Dollar im                                       | oact kelative t  | o Valuation A   | ssumption   |  |                                   |
| ۸۷   | (0.34%)   | 0.16%   | 0.66%   | 1 16%  | 1 66%   | 2 16%   | 1 6/1%   | 1 //69                            |
| AY   | (0.34%)   | 0.16%   | 0.66%   | 1.16%  | 1.66%   | 2.16%   | 1.64%  | 1.469                             |
| AY<br>Total  | 113   | 61  | -   | (53)   | (107)   | (159)   | (105)  | (8                                |
|  |   | 61  | -<br>curr val                                   | (53)<br>curr + 50bp  |   | (159)   | (105)<br>prior val   | (8<br>prior fyr er                |
| Total  | 113   | 61  | -   | (53)<br>curr + 50bp  | (107)   | (159)   | (105)  | (8<br>prior fyr er                |
|  | 113   | 61  | curr val  | (53)<br>curr + 50bp  | (107)<br>curr + 100bp   | (159)<br>curr + 150bp   | (105)<br>prior val   | prior fyr er                      |
| Total<br>mounts in   | 113<br>curr - 100 bp                            | 61<br>curr - 50 bp                              | curr val<br>assumption<br>Percentage I          | (53)<br>curr + 50bp<br>mpact Relativ                       | (107)<br>curr + 100bp<br>e to Valuation                         | (159)<br>curr + 150bp   | (105)<br>prior val<br>assumption                               | prior fyr er<br>assumptio         |
| Total mounts in  | 113<br>curr - 100 bp                            | 61<br>curr - 50 bp<br>0.16%                     | curr val<br>assumption<br>Percentage I<br>0.66% | (53)<br>curr + 50bp<br>mpact Relativ<br>1.16%              | (107)<br>curr + 100bp<br>e to Valuatior<br>1.66%                | (159)<br>curr + 150bp<br>n Assumption<br>2.16%                            | (105)<br>prior val   | prior fyr er<br>assumptio         |
| Total mounts in  AY 2005 & prior   | 113<br>curr - 100 bp                            | 61<br>curr - 50 bp                              | curr val<br>assumption<br>Percentage I          | (53)<br>curr + 50bp<br>mpact Relativ                       | (107)<br>curr + 100bp<br>e to Valuation                         | (159)<br>curr + 150bp   | (105)<br>prior val<br>assumption                               | prior fyr er<br>assumptio         |
| Total  mounts in  AY  2005 & prior 2006  | 113<br>curr - 100 bp                            | 61<br>curr - 50 bp<br>0.16%                     | curr val<br>assumption<br>Percentage I<br>0.66% | (53)<br>curr + 50bp<br>mpact Relativ<br>1.16%              | (107)<br>curr + 100bp<br>e to Valuatior<br>1.66%                | (159)<br>curr + 150bp<br>n Assumption<br>2.16%                            | (105)<br>prior val<br>assumption                               | prior fyr er<br>assumptio         |
| Total  mounts in  AY  2005 & prior 2006 2007   | 113<br>curr - 100 bp                            | 61<br>curr - 50 bp<br>0.16%                     | curr val<br>assumption<br>Percentage I<br>0.66% | (53)<br>curr + 50bp<br>mpact Relativ<br>1.16%              | (107)<br>curr + 100bp<br>e to Valuatior<br>1.66%                | (159)<br>curr + 150bp<br>n Assumption<br>2.16%                            | (105)<br>prior val<br>assumption                               | prior fyr er<br>assumptio         |
| Total  mounts in  AY  2005 & prior 2006 2007 2008  | 113<br>curr - 100 bp                            | 61<br>curr - 50 bp<br>0.16%                     | curr val<br>assumption<br>Percentage I<br>0.66% | (53)<br>curr + 50bp<br>mpact Relativ<br>1.16%              | (107)<br>curr + 100bp<br>e to Valuatior<br>1.66%                | (159)<br>curr + 150bp<br>n Assumption<br>2.16%                            | (105)<br>prior val<br>assumption                               | prior fyr er<br>assumptio         |
| Total  mounts in  AY  2005 & prior 2006 2007 2008 2009   | 113<br>curr - 100 bp                            | 61<br>curr - 50 bp<br>0.16%                     | curr val<br>assumption<br>Percentage I<br>0.66% | (53)<br>curr + 50bp<br>mpact Relativ<br>1.16%              | (107)<br>curr + 100bp<br>e to Valuatior<br>1.66%                | (159)<br>curr + 150bp<br>n Assumption<br>2.16%                            | (105)<br>prior val<br>assumption                               | prior fyr er<br>assumptio         |
| Total  MY  2005 & prior 2006 2007 2008 2009 2010   | 113<br>curr - 100 bp                            | 61<br>curr - 50 bp<br>0.16%                     | curr val<br>assumption<br>Percentage I<br>0.66% | (53)<br>curr + 50bp<br>mpact Relativ<br>1.16%              | (107)<br>curr + 100bp<br>e to Valuatior<br>1.66%                | (159)<br>curr + 150bp<br>n Assumption<br>2.16%                            | (105)<br>prior val<br>assumption                               | prior fyr er<br>assumptio         |
| Total  MY  2005 & prior 2006 2007 2008 2009 2010 2011  | 113<br>curr - 100 bp                            | 61<br>curr - 50 bp<br>0.16%                     | curr val<br>assumption<br>Percentage I<br>0.66% | (53)<br>curr + 50bp<br>mpact Relativ<br>1.16%              | (107)<br>curr + 100bp<br>e to Valuatior<br>1.66%                | (159)<br>curr + 150bp<br>n Assumption<br>2.16%                            | (105)<br>prior val<br>assumption                               | (8<br>prior fyr er                |
| Total  MY  2005 & prior 2006 2007 2008 2009 2010 2011 2012   | 113 curr - 100 bp                               | 61<br>curr - 50 bp                              | curr val<br>assumption<br>Percentage I<br>0.66% | (53) curr + 50bp  mpact Relativ 1.16%                      | (107) curr + 100bp  e to Valuatior                              | (159) curr + 150bp  1 Assumption 2.16%                                    | (105) prior val assumption  1.64%                              | (8 prior fyr er assumptio         |
| Total  MY  2005 & prior  2006  2007  2008  2009  2010  2011  2012  2013  | 113 curr - 100 bp  (0.34%)                      | 61<br>curr - 50 bp                              | curr val<br>assumption<br>Percentage I<br>0.66% | (53)<br>curr + 50bp<br>mpact Relativ<br>1.16%              | (107)<br>curr + 100bp<br>e to Valuatior<br>1.66%                | (159)<br>curr + 150bp<br>n Assumption<br>2.16%                            | (105)<br>prior val<br>assumption                               | (8<br>prior fyr er<br>assumptio   |
| Total  MY  2005 & prior  2006  2007  2008  2009  2010  2011  2012  2013  2014                                    | 113 curr - 100 bp  (0.34%)                      | 61 curr - 50 bp  0.16% 1.5% 5.9%                | curr val<br>assumption<br>Percentage I<br>0.66% | (53) curr + 50bp  mpact Relativ 1.16%                      | (107) curr + 100bp  e to Valuatior                              | (159) curr + 150bp  1 Assumption 2.16% (4.6%)                             | (105) prior val assumption  1.64%                              | (8<br>prior fyr er<br>assumptio   |
| Total  MY  2005 & prior  2006  2007  2008  2009  2010  2011  2012  2013  2014  2015                              | 113 curr - 100 bp  (0.34%)  3.0% 5.9% 3.1%      | 61 curr - 50 bp  0.16% 1.5% 5.9% 3.1%           | curr val<br>assumption<br>Percentage I<br>0.66% | (53) curr + 50bp  mpact Relativ 1.16%                      | (107) curr + 100bp  e to Valuatior                              | (159) curr + 150bp  1 Assumption 2.16% (4.6%) - (3.1%)                    | (105) prior val assumption  1.64%                              | 1.469                             |
| Total  MY  2005 & prior 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016                                   | 113 curr - 100 bp  (0.34%)  3.0% 5.9% 3.1% 2.3% | 61 curr - 50 bp  0.16% 1.5% 5.9% 3.1% 2.3%      | curr val<br>assumption<br>Percentage I<br>0.66% | (53) curr + 50bp  mpact Relativ 1.16% (1.8%)               | (107) curr + 100bp re to Valuatior 1.66% (3.0%) (2.3%)          | (159) curr + 150bp  1 Assumption 2.16% (4.6%) (3.1%) (2.3%)               | (105) prior val assumption  1.64% (3.0%) (2.3%)                | 1.469<br>                         |
| Total  MY  2005 & prior 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017                              | 113 curr - 100 bp  (0.34%)                      | 61 curr - 50 bp  0.16% 1.5% 5.9% 3.1% 2.3% 1.3% | curr val<br>assumption<br>Percentage I<br>0.66% | (53) curr + 50bp  mpact Relativ 1.16% (1.8%) (1.1%)        | (107) curr + 100bp  Te to Valuation 1.66%  (3.0%) (2.3%) (2.3%) | (159) curr + 150bp  1 Assumption 2.16% (4.6%) (3.1%) (2.3%) (3.4%)        | (105) prior val assumption  1.64%                              | (8<br>prior fyr er<br>assumptio   |
| Total  mounts in  AY  2005 & prior  2006  2007  2008  2009  2010  2011  2012  2013  2014  2015  2016  2017  2018 | 113 curr - 100 bp  (0.34%)                      | 61 curr - 50 bp  0.16%                          | curr val<br>assumption<br>Percentage I<br>0.66% | (53) curr + 50bp  mpact Relativ 1.16% (1.8%) (1.1%) (1.1%) | (107) curr + 100bp  re to Valuatior                             | (159) curr + 150bp  1 Assumption 2.16% (4.6%) (3.1%) (2.3%) (3.4%) (3.7%) | (105) prior val assumption  1.64%  (3.0%) (2.3%) (2.3%) (2.3%) | (88 (1.9)                         |
| Total  MY  2005 & prior  2006  2007  2008  2009  2010  2011  2012  2013  2014  2015  2016  2017  2018  2019      | 113 curr - 100 bp  (0.34%)                      | 61 curr - 50 bp  0.16% 1.5% 5.9% 3.1% 2.3% 1.3% | curr val<br>assumption<br>Percentage I<br>0.66% | (53) curr + 50bp  mpact Relativ 1.16% (1.8%) (1.1%)        | (107) curr + 100bp  Te to Valuation 1.66%  (3.0%) (2.3%) (2.3%) | (159) curr + 150bp  1 Assumption 2.16% (4.6%) (3.1%) (2.3%) (3.4%)        | (105) prior val assumption  1.64%                              | (88 prior fyr ei assumption 1.460 |
| Total  mounts in  AY  2005 & prior  2006  2007  2008  2009  2010  2011  2012  2013  2014  2015  2016  2017  2018 | 113 curr - 100 bp  (0.34%)                      | 61 curr - 50 bp  0.16%                          | curr val<br>assumption<br>Percentage I<br>0.66% | (53) curr + 50bp  mpact Relativ 1.16% (1.8%) (1.1%) (1.1%) | (107) curr + 100bp  re to Valuatior                             | (159) curr + 150bp  1 Assumption 2.16% (4.6%) (3.1%) (2.3%) (3.4%) (3.7%) | (105) prior val assumption  1.64%  (3.0%) (2.3%) (2.3%) (2.3%) | (1.2) (1.2) (1.2) (1.2) (2.3)     |



## Interest Rate Sensitivity (\$000s)

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

page 9 of 10

### NUNAVUT

|  | Actuar        | ial Present Va                   | lue of Provisi                | ons at Various  | Discount Rate   | es - Dec. 31, 20   | 120 projected 1                | Innaid                    |
|--|---------------|----------------------------------|-------------------------------|---|---|--|--------------------------------|---------------------------|
| AY   | (0.34%)       | 0.16%                            | 0.66%                         | 1.16%   | 1.66%   | 2.16%  | 1.64%                          | 1.46%                     |
| 2005 & prior   | (0.5470)      | 0.10/0                           | 0.0070                        | 1.10/0  | 1.00/0  | 2.10/0   | 1.04/0                         | 1.40/                     |
| 2003 & pilot   |               |                                  | _                             | _   |   |  |                                |                           |
| 2007   | _             | _                                | _                             | _   | _   | _  | _                              | _                         |
| 2008   |               |                                  |                               | <u>-</u>  |   |  | {                              | <del></del>               |
| 2009   | _             | _                                | _                             | _   | _   | _  | _                              | _                         |
| 2010   |               |                                  |                               |   |   |  |                                | <del></del>               |
| 2011   | -             | -                                | -                             | _   | _   | _  | _                              | _                         |
| 2012   | 99            | 98                               | 97                            | 97  | 96  | 96   | 96                             | 9                         |
| 2013   | 4             | 3                                | 3                             | 3   | 3   | 3  | 3                              |                           |
| 2014   | 3             | 3                                | 3                             | 3   | 3   | 3  | 3                              | ÷                         |
| 2015   | 72            | 72                               | 71                            | 70  | 70  | 68   | 70                             | 7                         |
| 2016   | 29            | 29                               | 29                            | 29  | 27  | 27   | 27                             | 2                         |
| 2017   | 72            | 71                               | 71                            | 70  | 69  | 69   | 69                             | 7(                        |
| 2018   | 156           | 154                              | 151                           | 150   | 148   | 146  | 148                            | 14                        |
| 2019   | 201           | 197                              | 195                           | 192   | 189   | 186  | 190                            | 19                        |
| 2020   | 228           | 225                              | 221                           | 217   | 214   | 211  | 214                            | 21                        |
| Total  | 864           | 852                              | 841                           | 831   | 819   | 809  | 820                            | 82                        |
|  | curr - 100 bp | curr - 50 bp                     | curr val                      | curr + 50bp   | curr + 100bp  | curr + 150bp   | prior val                      | prior fyr en              |
|  |               |                                  | assumption                    |   |   |  | assumption                     | assumptio                 |
| mounts in  |               |                                  | Dollarim                      | aact Polativo t                                       | o Valuation A   | ssumption  |                                |                           |
| AY   | (0.34%)       | 0.16%                            | 0.66%                         | 1.16%   | 1.66%   | 2.16%  | 1.64%                          | 1.46%                     |
| Total  | 23            | 11                               | -                             | (10)  | (22)  | (32)   | (21)                           |                           |
|  |               |                                  |                               |   |   |  |                                |                           |
|  | curr - 100 bp | curr - 50 bp                     | curr val                      |   | . ,   | (- /   | <del>, , ,</del>               | <del>`</del>              |
|  | curr - 100 bp | curr - 50 bp                     | curr val                      | curr + 50bp   | curr + 100bp  | (- /   | prior val                      | prior fyr en              |
| mounts in  | curr - 100 bp | curr - 50 bp                     | curr val<br>assumption        | curr + 50bp   | . ,   | (- /   | <del>, , ,</del>               | prior fyr en              |
| mounts in  | curr - 100 bp | curr - 50 bp                     | assumption                    | curr + 50bp   | . ,   | curr + 150bp   | prior val                      | prior fyr en              |
| mounts in  | curr - 100 bp | curr - 50 bp<br>0.16%            | assumption                    | curr + 50bp   | curr + 100bp  | curr + 150bp   | prior val                      | prior fyr en<br>assumptio |
| AY   |               | •                                | assumption Percentage I       | curr + 50bp   | curr + 100bp<br>e to Valuation  | curr + 150bp   | prior val<br>assumption        | prior fyr en<br>assumptio |
|  | (0.34%)       | 0.16%                            | assumption Percentage I 0.66% | curr + 50bp<br>mpact Relativ<br>1.16%                 | curr + 100bp<br>e to Valuation<br>1.66%                                       | curr + 150bp  Assumption 2.16%   | prior val<br>assumption        | prior fyr en<br>assumptio |
| <b>AY</b><br>2005 & prior  | (0.34%)       | 0.16%                            | assumption Percentage I 0.66% | curr + 50bp<br>mpact Relativ<br>1.16%                 | curr + 100bp<br>e to Valuation<br>1.66%                                       | curr + 150bp  Assumption 2.16%   | prior val<br>assumption        | prior fyr en<br>assumptio |
| AY 2005 & prior 2006   | (0.34%)       | 0.16%                            | assumption Percentage I 0.66% | curr + 50bp<br>mpact Relativ<br>1.16%                 | curr + 100bp<br>e to Valuation<br>1.66%                                       | curr + 150bp  Assumption 2.16%   | prior val<br>assumption        | prior fyr en<br>assumptio |
| AY<br>2005 & prior<br>2006<br>2007   | (0.34%)       | 0.16%                            | assumption Percentage I 0.66% | curr + 50bp<br>mpact Relativ<br>1.16%                 | curr + 100bp<br>e to Valuation<br>1.66%                                       | curr + 150bp  n Assumption 2.16%   | prior val<br>assumption        | prior fyr en<br>assumptio |
| AY<br>2005 & prior<br>2006<br>2007<br>2008   | (0.34%)       | 0.16%                            | assumption Percentage I 0.66% | curr + 50bp<br>mpact Relativ<br>1.16%                 | curr + 100bp<br>e to Valuation<br>1.66%                                       | curr + 150bp  n Assumption 2.16%   | prior val<br>assumption        | prior fyr en              |
| AY<br>2005 & prior<br>2006<br>2007<br>2008<br>2009   | (0.34%)       | 0.16%                            | assumption Percentage I 0.66% | curr + 50bp<br>mpact Relativ<br>1.16%                 | curr + 100bp<br>e to Valuation<br>1.66%                                       | curr + 150bp  n Assumption 2.16%   | prior val<br>assumption        | prior fyr en<br>assumptio |
| AY<br>2005 & prior<br>2006<br>2007<br>2008<br>2009<br>2010   | (0.34%)       | 0.16%                            | assumption Percentage I 0.66% | curr + 50bp<br>mpact Relativ<br>1.16%                 | curr + 100bp<br>e to Valuation<br>1.66%                                       | curr + 150bp  n Assumption 2.16%   | prior val<br>assumption        | prior fyr en<br>assumptio |
| AY<br>2005 & prior<br>2006<br>2007<br>2008<br>2009<br>2010<br>2011                                   | (0.34%)       | 0.16%                            | assumption Percentage I 0.66% | curr + 50bp<br>mpact Relativ<br>1.16%                 | e to Valuation  1.66%   | curr + 150bp  1 Assumption 2.16%   | prior val<br>assumption  1.64% | prior fyr en<br>assumptio |
| AY 2005 & prior 2006 2007 2008 2009 2010 2011 2012   | (0.34%)       | 0.16%                            | assumption Percentage I 0.66% | curr + 50bp<br>mpact Relativ<br>1.16%                 | e to Valuation  1.66%   | curr + 150bp  1 Assumption 2.16%   | prior val<br>assumption  1.64% | prior fyr en<br>assumptio |
| AY  2005 & prior  2006  2007  2008  2009  2010  2011  2012  2013                                     | (0.34%)       | 0.16%                            | assumption Percentage I 0.66% | curr + 50bp<br>mpact Relativ<br>1.16%                 | e to Valuation  1.66%   | curr + 150bp  1 Assumption 2.16% (1.0%)                                    | 1.64%                          | 1.469                     |
| AY  2005 & prior  2006  2007  2008  2009  2010  2011  2012  2013  2014                               | (0.34%)       | 0.16%                            | assumption Percentage I 0.66% | mpact Relativ 1.16%                                   | e to Valuatior 1.66%  | curr + 150bp  1 Assumption 2.16% (1.0%) (4.2%)                             | 1.64%                          | 1.469<br>                 |
| AY  2005 & prior  2006  2007  2008  2009  2010  2011  2012  2013  2014  2015                         | (0.34%)       | 0.16%                            | assumption Percentage I 0.66% | mpact Relativ 1.16%                                   | e to Valuatior 1.66%  | curr + 150bp  1 Assumption 2.16% (1.0%) (4.2%) (6.9%)                      | 1.64%                          | 1.469<br>(1.09            |
| AY  2005 & prior  2006  2007  2008  2009  2010  2011  2012  2013  2014  2015  2016                   | (0.34%)       | 0.16%                            | assumption Percentage I 0.66% | curr + 50bp  mpact Relativ 1.16% (1.4%)               | curr + 100bp  e to Valuatior  1.66%  (1.0%)  - (1.4%) (6.9%)                  | curr + 150bp  1 Assumption 2.16% (1.0%) (4.2%) (6.9%) (2.8%)               | 1.64%                          | 1.469<br>                 |
| AY  2005 & prior  2006  2007  2008  2009  2010  2011  2012  2013  2014  2015  2016  2017             | (0.34%)       | 0.16%                            | assumption Percentage I 0.66% | curr + 50bp  mpact Relativ 1.16% (1.4%)               | e to Valuatior 1.66% (1.0%) (1.4%) (6.9%) (2.8%)                              | curr + 150bp  1 Assumption 2.16% (1.0%) (4.2%) (6.9%) (2.8%) (3.3%)        | prior val<br>assumption  1.64% | 1.469<br>                 |
| AY  2005 & prior  2006  2007  2008  2009  2010  2011  2012  2013  2014  2015  2016  2017  2018       | (0.34%)       | 0.16%                            | assumption Percentage I 0.66% | curr + 50bp  mpact Relativ 1.16% (1.4%) (0.7%)        | e to Valuation 1.66% (1.0%) (1.4%) (6.9%) (2.8%)                              | curr + 150bp  1 Assumption 2.16% (1.0%) (4.2%) (6.9%) (2.8%) (3.3%)        | 1.64%                          | 1.469<br>                 |
| AY  2005 & prior  2006  2007  2008  2009  2010  2011  2012  2013  2014  2015  2016  2017  2018  2019 | (0.34%)       | 0.16%  1.0%  - 1.4%  - 2.0% 1.0% | assumption Percentage I 0.66% | curr + 50bp  mpact Relativ 1.16% (1.4%) (0.7%) (1.5%) | curr + 100bp  e to Valuatior 1.66%  (1.0%) (1.4%) (6.9%) (2.8%) (2.0%) (3.1%) | curr + 150bp  1 Assumption 2.16% (1.0%) (4.2%) (6.9%) (2.8%) (3.3%) (4.6%) | 1.64%                          | 1.469<br>                 |



## Interest Rate Sensitivity (\$000s)

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

page 10 of 10

### ALL JURISDICTIONS COMBINED

|   | Actuar  | ial Present Va  | lue of Provisi           | ons at Various   | Discount Rate  | es - Dec. 31, 20   | 20 projected L  | Jnpaid   |
|---|---|---|--------------------------|--|--|--|---|--|
| AY  | (0.34%)   | 0.16%   | 0.66%                    | 1.16%  | 1.66%  | 2.16%  | 1.64%   | 1.46   |
| 2005 & prior  | 12,265  | 12,129  | 11,988                   | 11,847   | 11,713   | 11,581   | 11,718  | 11,76  |
| 2006  | 321   | 314   | 306                      | 299  | 292  | 286  | 292   | 29   |
| 2007  | 2,440   | 2,377   | 2,312                    | 2,248  | 2,188  | 2,132  | 2,190   | 2,21   |
| 2008  | 523   | 507   | 492                      | 479  | 464  | 451  | 465   | 47   |
| 2009  | 1,005   | 979   | 952                      | 926  | 904  | 879  | 904   | 91   |
| 2010  | 695   | 677   | 658                      | 640  | 622  | 606  | 624   | 63   |
| 2011  | 3,568   | 3,467   | 3,363                    | 3,267  | 3,175  | 3,087  | 3,176   | 3,2  |
| 2012  | 4,436   | 4,332   | 4,223                    | 4,119  | 4,021  | 3,930  | 4,024   | 4,06   |
| 2013  | 8,834   | 8,680   | 8,525                    | 8,375  | 8,231  | 8,094  | 8,238   | 8,29   |
| 2014  | 10,009  | 9,875   | 9,739                    | 9,606  | 9,482  | 9,364  | 9,487   | 9,53   |
| 2015  | 17,952  | 17,763  | 17,566                   | 17,376   | 17,195   | 17,021   | 17,203  | 17,26  |
| 2016  | 26,656  | 26,384  | 26,101                   | 25,828   | 25,559   | 25,306   | 25,570  | 25,66  |
| 2017  | 32,243  | 31,909  | 31,556                   | 31,210   | 30,878   | 30,557   | 30,890  | 31,01  |
| 2018  | 57,650  | 56,975  | 56,274                   | 55,589   | 54,933   | 54,288   | 54,957  | 55,19  |
| 2019  | 103,716   | 102,322   | 100,860                  | 99,445   | 98,071   | 96,739   | 98,124  | 98,61  |
| 2020  | 158,245   | 156,036   | 153,736                  | 151,495  | 149,331  | 147,244  | 149,417   | 150,19   |
| Total   | 440,558   | 434,726   | 428,651                  | 422,749  | 417,059  | 411,565  | 417,279   | 419,33   |
|   | curr - 100 bp   | curr - 50 bp  | curr val                 | curr + 50bp  | curr + 100bp   | curr + 150bp   | prior val   | prior fyr e  |
|   |   |   | assumption               |  | •  | •  | assumption  | assumptio  |
| mounts in   |   | '   |                          |  |  |  |   | •  |
|   |   |   | Dollar Imr               | act Relative t   | o Valuation A  | ssumption  |   |  |
| AY  | (0.34%)   | 0.16%   | 0.66%                    | 1.16%  | 1.66%  | 2.16%  | 1.64%   | 1.46   |
|   |   |   |                          |  |  |  |   |  |
| Total   | 11,907  | 6,075   | -                        | (5,902)  | (11,592)   | (17,086)   | (11,372)  | (9,31  |
| Total   | 11,907<br>curr - 100 bp   | 6,075<br>curr - 50 bp   | curr val                 | (-/ /  | (11,592)<br>curr + 100bp   |  | (11,372)<br>prior val   | · · · · ·  |
| Total   |   | ·   |                          | (-/ /  |  |  | prior val   | prior fyr ei   |
| Total mounts in   |   | ·   | curr val<br>assumption   | (-/ /  |  |  | <del>, , , ,</del>  | prior fyr e  |
|   |   | ·   | assumption               | curr + 50bp  |  | curr + 150bp   | prior val   | prior fyr e  |
|   |   | ·   | assumption               | curr + 50bp  | curr + 100bp   | curr + 150bp   | prior val   | prior fyr e<br>assumptio   |
| mounts in   | curr - 100 bp   | curr - 50 bp  | assumption  Percentage I | curr + 50bp<br>mpact Relativ<br>1.16%  | curr + 100bp<br>e to Valuation<br>1.66%  | curr + 150bp<br>n Assumption<br>2.16%  | prior val<br>assumption<br>1.64%  | prior fyr e<br>assumptic<br>1.46   |
| mounts in  AY  2005 & prior   | (0.34%)<br>2.3%   | 0.16%<br>1.2%   | assumption  Percentage I | curr + 50bp<br>mpact Relativ<br>1.16%<br>(1.2%)  | curr + 100bp<br>e to Valuatior<br>1.66%<br>(2.3%)  | curr + 150bp<br>n Assumption<br>2.16%<br>(3.4%)  | prior val<br>assumption<br>1.64%<br>(2.3%)  | prior fyr e<br>assumptio<br>1.46<br>(1.9   |
| AY 2005 & prior 2006  | (0.34%)<br>2.3%<br>4.9%   | 0.16%<br>1.2%<br>2.6%   | assumption  Percentage I | curr + 50bp  mpact Relativ 1.16% (1.2%) (2.3%)   | e to Valuatior 1.66% (2.3%) (4.6%)   | curr + 150bp<br>n Assumption<br>2.16%<br>(3.4%)<br>(6.5%)  | prior val<br>assumption<br>1.64%<br>(2.3%)<br>(4.6%)                                      | prior fyr ei<br>assumptic<br>1.46<br>(1.9  |
| AY  2005 & prior 2006 2007  | (0.34%)<br>2.3%<br>4.9%<br>5.5%   | 0.16%<br>1.2%<br>2.6%<br>2.8%                                     | assumption  Percentage I | curr + 50bp<br>mpact Relativ<br>1.16%<br>(1.2%)<br>(2.3%)<br>(2.8%)  | e to Valuatior 1.66% (2.3%) (4.6%) (5.4%)  | n Assumption<br>2.16%<br>(3.4%)<br>(6.5%)<br>(7.8%)  | prior val<br>assumption<br>1.64%<br>(2.3%)<br>(4.6%)<br>(5.3%)                            | 1.46<br>(1.9<br>(3.6<br>(4.3   |
| AY  2005 & prior 2006 2007 2008   | (0.34%)<br>2.3%<br>4.9%<br>5.5%<br>6.3%                                       | 0.16%<br>1.2%<br>2.6%<br>2.8%<br>3.0%                             | assumption  Percentage I | curr + 50bp  mpact Relativ   | e to Valuatior 1.66% (2.3%) (4.6%) (5.4%)  | n Assumption<br>2.16%<br>(3.4%)<br>(6.5%)<br>(7.8%)<br>(8.3%)  | 1.64%<br>(2.3%)<br>(4.6%)<br>(5.3%)<br>(5.5%)   | 1.46<br>(1.9<br>(3.6<br>(4.3<br>(4.5   |
| AY  2005 & prior  2006  2007  2008  2009  | (0.34%) 2.3% 4.9% 5.5% 6.3% 5.6%  | 0.16% 1.2% 2.6% 2.8% 3.0% 2.8%                                    | assumption  Percentage I | curr + 50bp  mpact Relativ 1.16% (1.2%) (2.3%) (2.8%) (2.6%) (2.7%)  | e to Valuatior 1.66% (2.3%) (4.6%) (5.4%) (5.7%) (5.0%)  | n Assumption<br>2.16%<br>(3.4%)<br>(6.5%)<br>(7.8%)<br>(8.3%)<br>(7.7%)  | 1.64%<br>(2.3%)<br>(4.6%)<br>(5.3%)<br>(5.5%)<br>(5.0%)                                   | 1.46<br>(1.9<br>(3.6<br>(4.3<br>(4.5<br>(4.2   |
| AY  2005 & prior  2006  2007  2008  2009  | (0.34%) 2.3% 4.9% 5.5% 6.3% 5.6%  | 0.16% 1.2% 2.6% 2.8% 3.0% 2.8% 2.9%                               | assumption  Percentage I | curr + 50bp  mpact Relativ   | e to Valuatior 1.66% (2.3%) (4.6%) (5.4%) (5.7%) (5.0%)  | 1 Assumption<br>2.16%<br>(3.4%)<br>(6.5%)<br>(7.8%)<br>(8.3%)<br>(7.7%)<br>(7.9%)  | 1.64%<br>(2.3%)<br>(4.6%)<br>(5.3%)<br>(5.5%)<br>(5.0%)<br>(5.2%)                         | 1.46<br>(1.9<br>(3.6<br>(4.3<br>(4.5<br>(4.2   |
| AY  2005 & prior 2006 2007 2008 2009 2010 2011  | (0.34%) 2.3% 4.9% 5.5% 6.3% 5.6% 6.1%   | 0.16% 1.2% 2.6% 2.8% 3.0% 2.8% 2.9% 3.1%                          | assumption  Percentage I | curr + 50bp  mpact Relativ   | curr + 100bp  e to Valuatior   | 1 Assumption<br>2.16%<br>(3.4%)<br>(6.5%)<br>(7.8%)<br>(8.3%)<br>(7.7%)<br>(7.9%)<br>(8.2%)  | 1.64% (2.3%) (4.6%) (5.3%) (5.5%) (5.0%) (5.2%) (5.6%)                                    | 1.46<br>(1.9<br>(3.6<br>(4.3<br>(4.5<br>(4.2<br>(4.1   |
| AY  2005 & prior 2006 2007 2008 2009 2010 2011 2012   | (0.34%) 2.3% 4.9% 5.5% 6.3% 5.6% 6.1% 5.0%                                    | 0.16% 1.2% 2.6% 2.8% 3.0% 2.8% 2.9% 3.1% 2.6%                     | assumption  Percentage I | curr + 50bp  mpact Relativ   | e to Valuation 1.66% (2.3%) (4.6%) (5.4%) (5.7%) (5.5%) (5.6%) (4.8%)  | 1 Assumption<br>2.16%<br>(3.4%)<br>(6.5%)<br>(7.8%)<br>(7.7%)<br>(7.9%)<br>(8.2%)<br>(6.9%)  | 1.64% (2.3%) (4.6%) (5.5%) (5.0%) (5.2%) (5.6%) (4.7%)                                    | 1.46<br>(1.9<br>(3.6<br>(4.3<br>(4.5<br>(4.1<br>(4.5<br>(3.8   |
| AY  2005 & prior  2006  2007  2008  2009  2010  2011  2012  2013                                  | (0.34%) 2.3% 4.9% 5.5% 6.3% 5.6% 6.1% 5.0% 3.6%                               | 0.16% 1.2% 2.6% 2.8% 3.0% 2.8% 3.1% 2.9% 3.1% 1.8%                | assumption  Percentage I | curr + 50bp  mpact Relativ   | curr + 100bp  e to Valuatior   | curr + 150bp  2.16% (3.4%) (6.5%) (7.8%) (8.3%) (7.7%) (7.9%) (8.2%) (6.9%) (5.1%)   | 1.64% (2.3%) (4.6%) (5.3%) (5.5%) (5.0%) (5.2%) (4.7%) (3.4%)                             | 1.46<br>(1.9<br>(3.6<br>(4.3<br>(4.5<br>(4.1<br>(4.5<br>(3.8<br>(2.8   |
| AY  2005 & prior 2006 2007 2008 2009 2010 2011 2012 2013 2014                                     | (0.34%) 2.3% 4.9% 5.5% 6.3% 5.6% 6.1% 5.0% 3.6% 2.8%                          | 0.16% 1.2% 2.6% 2.8% 3.0% 2.8% 2.9% 3.1% 2.6% 1.8%                | assumption  Percentage I | curr + 50bp  mpact Relativ   | curr + 100bp  e to Valuatior   | (3.4%)<br>(6.5%)<br>(7.8%)<br>(7.7%)<br>(7.9%)<br>(8.2%)<br>(6.9%)<br>(5.1%)   | 1.64% (2.3%) (4.6%) (5.3%) (5.5%) (5.0%) (5.2%) (5.6%) (4.7%) (3.4%) (2.6%)               | 1.46<br>(1.9<br>(3.6<br>(4.3<br>(4.5<br>(4.1<br>(4.5<br>(3.8<br>(2.8   |
| AY  2005 & prior 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015                                | (0.34%) 2.3% 4.9% 5.5% 6.3% 5.6% 6.1% 5.0% 3.6% 2.8% 2.2%                     | 0.16% 1.2% 2.6% 2.8% 3.0% 2.89% 3.1% 2.6% 1.8% 1.4% 1.1%          | assumption  Percentage I | curr + 50bp  mpact Relativ   | curr + 100bp  1.66% (2.3%) (4.6%) (5.4%) (5.5%) (5.5%) (5.6%) (4.8%) (3.4%) (2.6%) (2.1%)                                    | curr + 150bp  2.16% (3.4%) (6.5%) (7.8%) (8.3%) (7.7%) (7.9%) (8.2%) (6.9%) (5.1%) (3.9%) (3.1%)                                   | 1.64% (2.3%) (4.6%) (5.3%) (5.5%) (5.0%) (5.6%) (4.7%) (3.4%) (2.6%) (2.1%)               | 1.46<br>(1.9<br>(3.6<br>(4.3<br>(4.5<br>(4.1<br>(4.5<br>(3.8<br>(2.8<br>(2.1<br>(1.7                                 |
| AY  2005 & prior 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016                           | (0.34%) 2.3% 4.9% 5.5% 6.3% 5.6% 6.1% 5.0% 3.6% 2.8% 2.2% 2.1%                | 0.16% 1.2% 2.6% 2.8% 3.0% 2.8% 2.9% 3.1% 2.6% 1.8% 1.1% 1.1%      | assumption  Percentage I | curr + 50bp  mpact Relativ   | curr + 100bp  e to Valuatior   | Curr + 150bp  1 Assumption 2.16% (3.4%) (6.5%) (7.8%) (7.7%) (7.9%) (8.2%) (6.9%) (5.1%) (3.9%) (3.1%) (3.0%)                      | 1.64% (2.3%) (4.6%) (5.3%) (5.5%) (5.0%) (5.6%) (4.7%) (3.4%) (2.6%) (2.1%)               | 1.46<br>(1.9<br>(3.6<br>(4.3<br>(4.5<br>(4.1<br>(4.5<br>(3.8<br>(2.8<br>(2.1<br>(1.7                                 |
| AY  2005 & prior 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017                      | (0.34%) 2.3% 4.9% 5.5% 6.3% 5.6% 6.1% 5.0% 3.6% 2.8% 2.2% 2.1% 2.2%           | 0.16% 1.2% 2.6% 2.8% 3.0% 2.8% 3.1% 2.6% 1.4% 1.1% 1.1%           | assumption  Percentage I | curr + 50bp  mpact Relativ   | curr + 100bp  e to Valuatior   | Curr + 150bp  1 Assumption 2.16% (3.4%) (6.5%) (7.8%) (8.3%) (7.7%) (7.9%) (8.2%) (6.9%) (5.1%) (3.9%) (3.1%) (3.0%) (3.2%)        | 1.64% (2.3%) (4.6%) (5.3%) (5.5%) (5.0%) (5.6%) (4.7%) (2.6%) (2.1%)                      | 1.46<br>(1.9<br>(3.6<br>(4.3<br>(4.5<br>(4.5<br>(2.8<br>(2.1<br>(1.7<br>(1.7   |
| Mounts in  AY  2005 & prior 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018      | (0.34%) 2.3% 4.9% 5.5% 6.3% 5.6% 6.1% 5.0% 3.6% 2.8% 2.2% 2.1% 2.2%           | 0.16% 1.2% 2.6% 2.8% 3.0% 2.8% 3.1% 2.6% 1.1% 1.1% 1.1% 1.2%      | assumption  Percentage I | curr + 50bp  mpact Relativ   | curr + 100bp  e to Valuatior   | Curr + 150bp  1 Assumption 2.16% (3.4%) (6.5%) (7.8%) (8.3%) (7.7%) (8.2%) (6.9%) (5.1%) (3.0%) (3.0%) (3.2%) (3.5%)               | 1.64% (2.3%) (4.6%) (5.3%) (5.5%) (5.6%) (5.6%) (4.7%) (2.6%) (2.1%) (2.1%) (2.3%)        | 1.46<br>(1.9<br>(3.6<br>(4.3<br>(4.5<br>(4.1<br>(4.5<br>(3.8<br>(2.8<br>(2.1<br>(1.7<br>(1.7                         |
| Mounts in  AY  2005 & prior 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019 | (0.34%) 2.3% 4.9% 5.5% 6.3% 5.6% 5.6% 6.1% 5.0% 3.6% 2.2% 2.1% 2.2% 2.4% 2.8% | 0.16% 1.2% 2.6% 2.8% 3.0% 2.8% 3.1% 2.6% 1.4% 1.1% 1.1% 1.2% 1.4% | assumption  Percentage I | curr + 50bp  mpact Relativ 1.16% (1.2%) (2.3%) (2.8%) (2.6%) (2.7%) (2.9%) (1.8%) (1.1%) (1.1%) (1.1%) (1.2%) (1.4%) | curr + 100bp e to Valuatior 1.66% (2.3%) (4.6%) (5.4%) (5.5%) (5.5%) (5.6%) (4.8%) (2.6%) (2.1%) (2.1%) (2.1%) (2.4%) (2.8%) | Curr + 150bp  1 Assumption 2.16% (3.4%) (6.5%) (7.8%) (8.3%) (7.7%) (7.9%) (8.2%) (5.1%) (3.9%) (3.1%) (3.0%) (3.2%) (3.5%) (4.1%) | 1.64% (2.3%) (4.6%) (5.3%) (5.5%) (5.0%) (5.6%) (4.7%) (2.6%) (2.1%) (2.1%) (2.3%) (2.7%) | 1.46<br>(1.9<br>(3.6<br>(4.3<br>(4.5<br>(4.1<br>(4.5<br>(3.8<br>(2.8<br>(2.1<br>(1.7<br>(1.7<br>(1.7<br>(1.9<br>(2.2 |
| Mounts in  AY  2005 & prior 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018      | (0.34%) 2.3% 4.9% 5.5% 6.3% 5.6% 6.1% 5.0% 3.6% 2.8% 2.2% 2.1% 2.2%           | 0.16% 1.2% 2.6% 2.8% 3.0% 2.8% 3.1% 2.6% 1.1% 1.1% 1.1% 1.2%      | assumption  Percentage I | curr + 50bp  mpact Relativ   | curr + 100bp  e to Valuatior   | Curr + 150bp  1 Assumption 2.16% (3.4%) (6.5%) (7.8%) (8.3%) (7.7%) (8.2%) (6.9%) (5.1%) (3.0%) (3.0%) (3.2%) (3.5%)               | 1.64% (2.3%) (4.6%) (5.3%) (5.5%) (5.6%) (4.7%) (2.6%) (2.1%) (2.1%) (2.3%) (2.7%) (2.8%) | 1.46<br>(1.9<br>(3.6<br>(4.3<br>(4.5<br>(4.1<br>(4.5<br>(3.8<br>(2.1<br>(1.7<br>(1.7<br>(1.7<br>(1.9<br>(2.2<br>(2.3 |



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

page 1 of 10

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

|                        |         | Values                                 | 1                          |   |   |                        |                          |   |
|------------------------|---------|--|----------------------------|---|---|------------------------|--------------------------|---|
| Business Segment       | AccYear | Sum of Prior<br>Month Actual<br>Amount | Sum of Projected<br>Change | Sum of Change<br>Due to AvsP<br>Variances | Sum of Change<br>Due to Valuation<br>Implementation | Sum of Total<br>Change | Sum of % Total<br>Change | Sum of Current<br>Month Final<br>Amount |
| Private Passenger      |         |  |                            |   |   |                        |                          |   |
|                        | prior   | 4                                      | 1                          | (1)                                       | -   | -                      | -                        | 4                                       |
|                        | 2011    | 12                                     | -                          | 39  | -   | 39                     | 325.0%                   | 51                                      |
|                        | 2012    | 61                                     | -                          | -   | -   | -                      | -                        | 61                                      |
|                        | 2013    | 39                                     | (2)                        | 2   | -   | -                      | -                        | 39                                      |
|                        | 2014    | 226                                    | (14)                       | (42)                                      | -   | (56)                   | (24.8%)                  | 170                                     |
|                        | 2015    | 35                                     | 9                          | (13)                                      | -   | (4)                    | (11.4%)                  | 31                                      |
|                        | 2016    | 592                                    | (24)                       | (94)                                      | -   | (118)                  | (19.9%)                  | 474                                     |
|                        | 2017    | 856                                    | (59)                       | 252                                       | -   | 193                    | 22.5%                    | 1,049                                   |
|                        | 2018    | 1,969                                  | (118)                      | 262                                       | -   | 144                    | 7.3%                     | 2,113                                   |
|                        | 2019    | 3,877                                  | (248)                      | 243                                       | -   | (5)                    | (0.1%)                   | 3,872                                   |
|                        | 2020    | 3,600                                  | 404                        | 436                                       | -   | 840                    | 23.3%                    | 4,440                                   |
| Private Passenger Tota | l       | 11,271                                 | (51)                       | 1,084                                     | -   | 1,033                  | 9.2%                     | 12,304                                  |
| Non Private            |         |  |                            |   |   |                        |                          |   |
| Passenger              | prior   | 8                                      | -                          | -   | -   | -                      | -                        | 8                                       |
|                        | 2011    | 35                                     | (1)                        | 1   | -   | -                      | -                        | 35                                      |
|                        | 2012    | (10)                                   | -                          | -   | -   | -                      | -                        | (10)                                    |
|                        | 2013    | 2                                      | -                          | -   | -   | -                      | -                        | 2                                       |
|                        | 2014    | 2                                      | -                          | (1)                                       | -   | (1)                    | (50.0%)                  | 1                                       |
|                        | 2015    | (182)                                  | 1                          | (8)                                       | -   | (7)                    | 3.8%                     | (189)                                   |
|                        | 2016    | (61)                                   | 1                          | (2)                                       | -   | (1)                    | 1.6%                     | (62)                                    |
|                        | 2017    | 417                                    | (14)                       | 36  | -   | 22                     | 5.3%                     | 439                                     |
|                        | 2018    | 647                                    | (21)                       | (36)                                      | -   | (57)                   | (8.8%)                   | 590                                     |
|                        | 2019    | 1,245                                  | (186)                      | 197                                       | -   | 11                     | 0.9%                     | 1,256                                   |
|                        | 2020    | 1,218                                  | 145                        | 45  | -   | 190                    | 15.6%                    | 1,408                                   |
| Non Private Passenger  | Total   | 3,321                                  | (75)                       | 232                                       | -   | 157                    | 4.7%                     | 3,478                                   |
| <b>Grand Total</b>     |         | 14,592                                 | (126)                      | 1,316                                     | -   | 1,190                  | 8.2%                     | 15,782                                  |



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

page 2 of 10

Jurisdiction Desc AccountCode Desc AccountCode (All)

|                        |         | Values                                 | 1                          |   |   |                        |                          |   |
|------------------------|---------|--|----------------------------|---|---|------------------------|--------------------------|---|
| Business Segment       | AccYear | Sum of Prior<br>Month Actual<br>Amount | Sum of Projected<br>Change | Sum of Change<br>Due to AvsP<br>Variances | Sum of Change<br>Due to Valuation<br>Implementation | Sum of Total<br>Change | Sum of % Total<br>Change | Sum of Current<br>Month Final<br>Amount |
| Private Passenger      |         |  |                            |   |   |                        |                          |   |
|                        | prior   | 55                                     | 2                          | (2)                                       | -   | -                      | -                        | 55                                      |
|                        | 2011    | 1                                      | -                          | -   | -   | -                      | -                        | 1                                       |
|                        | 2012    | 14                                     | -                          | -   | -   | -                      | -                        | 14                                      |
|                        | 2013    | 81                                     | (5)                        | (7)                                       | -   | (12)                   | (14.8%)                  | 69                                      |
|                        | 2014    | 222                                    | (10)                       | 10  | -   | -                      | -                        | 222                                     |
|                        | 2015    | 334                                    | (12)                       | (108)                                     | -   | (120)                  | (35.9%)                  | 214                                     |
|                        | 2016    | 592                                    | (12)                       | (102)                                     | -   | (114)                  | (19.3%)                  | 478                                     |
|                        | 2017    | 1,922                                  | (19)                       | (791)                                     | (7)   | (817)                  | (42.5%)                  | 1,105                                   |
|                        | 2018    | 2,712                                  | (26)                       | (112)                                     | (15)  | (153)                  | (5.6%)                   | 2,559                                   |
|                        | 2019    | 4,036                                  | (42)                       | 57  | (26)  | (11)                   | (0.3%)                   | 4,025                                   |
|                        | 2020    | 2,113                                  | 395                        | 213                                       | (31)  | 577                    | 27.3%                    | 2,690                                   |
| Private Passenger Tota | ıl      | 12,082                                 | 271                        | (842)                                     | (79)  | (650)                  | (5.4%)                   | 11,432                                  |
| Non Private            |         |  |                            |   |   |                        |                          |   |
| Passenger              | prior   | 4                                      | -                          | 198                                       | -   | 198                    | 4,950.0%                 | 202                                     |
|                        | 2011    | 3                                      | -                          | (1)                                       | -   | (1)                    | (33.3%)                  | 2                                       |
|                        | 2012    | 39                                     | -                          | -   | -   | -                      | -                        | 39                                      |
|                        | 2013    | 210                                    | (4)                        | 4   | -   | -                      | -                        | 210                                     |
|                        | 2014    | 2                                      | -                          | -   | -   | -                      | -                        | 2                                       |
|                        | 2015    | 287                                    | (7)                        | 7   | -   | -                      | -                        | 287                                     |
|                        | 2016    | 304                                    | (7)                        | (70)                                      | -   | (77)                   | (25.3%)                  | 227                                     |
|                        | 2017    | 587                                    | (9)                        | (253)                                     | -   | (262)                  | (44.6%)                  | 325                                     |
|                        | 2018    | 1,052                                  | (28)                       | 12  | -   | (16)                   | (1.5%)                   | 1,036                                   |
|                        | 2019    | 2,051                                  | (319)                      | 342                                       | -   | 23                     | 1.1%                     | 2,074                                   |
|                        | 2020    | 1,336                                  | 243                        | (172)                                     | -   | 71                     | 5.3%                     | 1,407                                   |
| Non Private Passenger  | Total   | 5,875                                  | (131)                      | 67  | -   | (64)                   | (1.1%)                   | 5,811                                   |
| <b>Grand Total</b>     |         | 17,957                                 | 140                        | (775)                                     | (79)  | (714)                  | (4.0%)                   | 17,243                                  |



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

page 3 of 10

Jurisdiction Desc Nova Scotia
AccountCode Desc IBNR Provision
AccountCode (All)

|                        |         | Values                                 | 1                          |   |   | 1                      |                          |   |
|------------------------|---------|--|----------------------------|---|---|------------------------|--------------------------|---|
| Business Segment       | AccYear | Sum of Prior<br>Month Actual<br>Amount | Sum of Projected<br>Change | Sum of Change<br>Due to AvsP<br>Variances | Sum of Change<br>Due to Valuation<br>Implementation | Sum of Total<br>Change | Sum of % Total<br>Change | Sum of Current<br>Month Final<br>Amount |
| Private Passenger      |         |  |                            |   |   |                        |                          |   |
|                        | prior   | 75                                     | -                          | (1)                                       | -   | (1)                    | (1.3%)                   | 74                                      |
|                        | 2011    | 6                                      | -                          | -   | -   | -                      | -                        | 6                                       |
|                        | 2012    | (2)                                    | -                          | -   | -   | -                      | -                        | (2)                                     |
|                        | 2013    | 47                                     | -                          | -   | -   | -                      | -                        | 47                                      |
|                        | 2014    | 18                                     | -                          | -   | -   | -                      | -                        | 18                                      |
|                        | 2015    | 42                                     | (1)                        | 1   | -   | -                      | -                        | 42                                      |
|                        | 2016    | 213                                    | (2)                        | (3)                                       | -   | (5)                    | (2.3%)                   | 208                                     |
|                        | 2017    | 624                                    | (6)                        | (57)                                      | -   | (63)                   | (10.1%)                  | 561                                     |
|                        | 2018    | 931                                    | (23)                       | 40  | -   | 17                     | 1.8%                     | 948                                     |
|                        | 2019    | 1,911                                  | (49)                       | (19)                                      | -   | (68)                   | (3.6%)                   | 1,843                                   |
|                        | 2020    | 2,513                                  | 548                        | 2   | -   | 550                    | 21.9%                    | 3,063                                   |
| Private Passenger Tota | ıl      | 6,378                                  | 467                        | (37)                                      | -   | 430                    | 6.7%                     | 6,808                                   |
| Non Private            |         |  |                            |   |   |                        |                          |   |
| Passenger              | prior   | (1)                                    | -                          | -   | -   | -                      | -                        | (1)                                     |
|                        | 2011    | 2                                      | -                          | -   | -   | -                      | -                        | 2                                       |
|                        | 2012    | (3)                                    | -                          | -   | -   | -                      | -                        | (3)                                     |
|                        | 2013    | (36)                                   | -                          | (3)                                       | -   | (3)                    | 8.3%                     | (39)                                    |
|                        | 2014    | 48                                     | (1)                        | 29  | -   | 28                     | 58.3%                    | 76                                      |
|                        | 2015    | 38                                     | -                          | -   | -   | -                      | -                        | 38                                      |
|                        | 2016    | 349                                    | (13)                       | 21  | -   | 8                      | 2.3%                     | 357                                     |
|                        | 2017    | 530                                    | (16)                       | (47)                                      | -   | (63)                   | (11.9%)                  | 467                                     |
|                        | 2018    | 892                                    | (94)                       | 165                                       | -   | 71                     | 8.0%                     | 963                                     |
|                        | 2019    | 1,836                                  | (285)                      | 368                                       | -   | 83                     | 4.5%                     | 1,919                                   |
|                        | 2020    | 2,123                                  | 246                        | 407                                       | -   | 653                    | 30.8%                    | 2,776                                   |
| Non Private Passenger  | Total   | 5,778                                  | (163)                      | 940                                       | -   | 777                    | 13.4%                    | 6,555                                   |
| <b>Grand Total</b>     |         | 12,156                                 | 304                        | 903                                       | -   | 1,207                  | 9.9%                     | 13,363                                  |



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

page 4 of 10

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

|                               |         | Values                                 | 1                          |   |   |                        |                          |   |
|-------------------------------|---------|--|----------------------------|---|---|------------------------|--------------------------|---|
| Business Segment              | AccYear | Sum of Prior<br>Month Actual<br>Amount | Sum of Projected<br>Change | Sum of Change<br>Due to AvsP<br>Variances | Sum of Change<br>Due to Valuation<br>Implementation | Sum of Total<br>Change | Sum of % Total<br>Change | Sum of Current<br>Month Final<br>Amount |
| Private Passenger             |         |  |                            |   |   |                        |                          |   |
|                               | prior   | (5)                                    |                            | -   | -   | -                      | -                        | (5)                                     |
|                               | 2011    | (1)                                    | -                          | -   | -   | -                      | -                        | (1)                                     |
|                               | 2012    | -                                      | -                          | -   | -   | -                      | -                        | -                                       |
|                               | 2013    | (2)                                    | -                          | -   | -   | -                      | -                        | (2)                                     |
|                               | 2014    | (166)                                  | 2                          | 20  | -   | 22                     | (13.3%)                  | (144)                                   |
|                               | 2015    | 89                                     | (1)                        | 1   | -   | -                      | -                        | 89                                      |
|                               | 2016    | 12                                     | (1)                        | 1   | -   | -                      | -                        | 12                                      |
|                               | 2017    | 197                                    | (3)                        | (7)                                       | -   | (10)                   | (5.1%)                   | 187                                     |
|                               | 2018    | 351                                    | (4)                        | 12  | -   | 8                      | 2.3%                     | 359                                     |
|                               | 2019    | 220                                    | (3)                        | 9   | -   | 6                      | 2.7%                     | 226                                     |
|                               | 2020    | 418                                    | 88                         | 8   | -   | 96                     | 23.0%                    | 514                                     |
| <b>Private Passenger Tota</b> | l       | 1,113                                  | 78                         | 44  | -   | 122                    | 11.0%                    | 1,235                                   |
| Non Private                   |         |  |                            |   |   |                        |                          |   |
| Passenger                     | prior   | (2)                                    | -                          | -   | -   | -                      | -                        | (2)                                     |
|                               | 2011    | 1                                      | -                          | -   | -   | -                      | -                        | 1                                       |
|                               | 2012    | 19                                     | -                          | -   | -   | -                      | -                        | 19                                      |
|                               | 2013    | 5                                      | -                          | -   | -   | -                      | -                        | 5                                       |
|                               | 2014    | 6                                      | (1)                        | 1   | -   | -                      | -                        | 6                                       |
|                               | 2015    | 22                                     | -                          | -   | -   | -                      | -                        | 22                                      |
|                               | 2016    | 134                                    | (2)                        | 2   | -   | -                      | -                        | 134                                     |
|                               | 2017    | 405                                    | (5)                        | 5   | -   | -                      | -                        | 405                                     |
|                               | 2018    | 534                                    | (6)                        | 6   | -   | -                      | -                        | 534                                     |
|                               | 2019    | 1,000                                  | (91)                       | 90  | -   | (1)                    | (0.1%)                   | 999                                     |
|                               | 2020    | 532                                    | 128                        | (125)                                     | -   | 3                      | 0.6%                     | 535                                     |
| Non Private Passenger         | Total   | 2,656                                  | 23                         | (21)                                      | -   | 2                      | 0.1%                     | 2,658                                   |
| <b>Grand Total</b>            |         | 3,769                                  | 101                        | 23  | -   | 124                    | 3.3%                     | 3,893                                   |



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

page 5 of 10

Jurisdiction Desc Ontario
AccountCode Desc IBNR Provision
AccountCode (All)

|                         |         | Values                                 | 1                          |   |   | 1                      |                          |   |
|-------------------------|---------|--|----------------------------|---|---|------------------------|--------------------------|---|
| Business Segment        | AccYear | Sum of Prior<br>Month Actual<br>Amount | Sum of Projected<br>Change | Sum of Change<br>Due to AvsP<br>Variances | Sum of Change<br>Due to Valuation<br>Implementation | Sum of Total<br>Change | Sum of % Total<br>Change | Sum of Current<br>Month Final<br>Amount |
| Private Passenger       |         |  |                            |   |   |                        |                          |   |
|                         | prior   | 8,285                                  | (379)                      | (1,806)                                   | -   | (2,185)                | (26.4%)                  | 6,100                                   |
|                         | 2011    | 156                                    | (6)                        | 4   | -   | (2)                    | (1.3%)                   | 154                                     |
|                         | 2012    | 202                                    | (6)                        | (6)                                       | -   | (12)                   | (5.9%)                   | 190                                     |
|                         | 2013    | 85                                     | (2)                        | 2   | -   | -                      | -                        | 85                                      |
|                         | 2014    | 304                                    | (6)                        | 9   | -   | 3                      | 1.0%                     | 307                                     |
|                         | 2015    | 64                                     | (2)                        | (5)                                       | -   | (7)                    | (10.9%)                  | 57                                      |
|                         | 2016    | 78                                     | (3)                        | 3   | -   | -                      | -                        | 78                                      |
|                         | 2017    | 678                                    | (13)                       | (347)                                     | -   | (360)                  | (53.1%)                  | 318                                     |
|                         | 2018    | 1,575                                  | (70)                       | 8   | -   | (62)                   | (3.9%)                   | 1,513                                   |
|                         | 2019    | 3,913                                  | (122)                      | (2,513)                                   | -   | (2,635)                | (67.3%)                  | 1,278                                   |
|                         | 2020    | 6,078                                  | 1,149                      | 32  | -   | 1,181                  | 19.4%                    | 7,259                                   |
| Private Passenger Total | al      | 21,418                                 | 540                        | (4,619)                                   | -   | (4,079)                | (19.0%)                  | 17,339                                  |
| Non Private             |         |  |                            |   |   |                        |                          |   |
| Passenger               | prior   | 56                                     | (2)                        | (80)                                      | -   | (82)                   | (146.4%)                 | (26)                                    |
|                         | 2011    | 141                                    | (5)                        | 5   | -   | -                      | -                        | 141                                     |
|                         | 2012    | 71                                     | (2)                        | 447                                       | -   | 445                    | 626.8%                   | 516                                     |
|                         | 2013    | 471                                    | (21)                       | (229)                                     | -   | (250)                  | (53.1%)                  | 221                                     |
|                         | 2014    | 308                                    | (10)                       | (320)                                     | -   | (330)                  | (107.1%)                 | (22)                                    |
|                         | 2015    | 666                                    | (23)                       | 24  | -   | 1                      | 0.2%                     | 667                                     |
|                         | 2016    | 1,200                                  | (47)                       | 231                                       | -   | 184                    | 15.3%                    | 1,384                                   |
|                         | 2017    | 1,972                                  | (98)                       | 45  | -   | (53)                   | (2.7%)                   | 1,919                                   |
|                         | 2018    | 4,979                                  | (108)                      | 45  | -   | (63)                   | (1.3%)                   | 4,916                                   |
|                         | 2019    | 14,538                                 | (1,241)                    | 1,118                                     | -   | (123)                  | (0.8%)                   | 14,415                                  |
|                         | 2020    | 11,456                                 | 1,839                      | (684)                                     | -   | 1,155                  | 10.1%                    | 12,611                                  |
| Non Private Passenger   | r Total | 35,858                                 | 282                        | 602                                       | -   | 884                    | 2.5%                     | 36,742                                  |
| <b>Grand Total</b>      |         | 57,276                                 | 822                        | (4,017)                                   | -   | (3,195)                | (5.6%)                   | 54,081                                  |



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

page 6 of 10

Jurisdiction Desc Alberta
AccountCode Desc IBNR Provision
AccountCode (All)

|                        |         | Values                                 | 1                          |   |   | 1                      |                          | 1                                       |
|------------------------|---------|--|----------------------------|---|---|------------------------|--------------------------|---|
| Business Segment       | AccYear | Sum of Prior<br>Month Actual<br>Amount | Sum of Projected<br>Change | Sum of Change<br>Due to AvsP<br>Variances | Sum of Change<br>Due to Valuation<br>Implementation | Sum of Total<br>Change | Sum of % Total<br>Change | Sum of Current<br>Month Final<br>Amount |
| Private Passenger      |         |  |                            |   |   |                        |                          |   |
|                        | prior   | 93                                     | (3)                        | 3   | -   | -                      | -                        | 93                                      |
|                        | 2011    | 32                                     | -                          | 52  | -   | 52                     | 162.5%                   | 84                                      |
|                        | 2012    | 36                                     | (2)                        | (116)                                     | -   | (118)                  | (327.8%)                 | (82)                                    |
|                        | 2013    | 61                                     | (2)                        | 2   | -   | -                      | -                        | 61                                      |
|                        | 2014    | 190                                    | (10)                       | 10  | -   | -                      | -                        | 190                                     |
|                        | 2015    | 164                                    | (5)                        | 45  | -   | 40                     | 24.4%                    | 204                                     |
|                        | 2016    | 495                                    | (9)                        | 9   | -   | -                      | -                        | 495                                     |
|                        | 2017    | 549                                    | (6)                        | 6   | -   | -                      | -                        | 549                                     |
|                        | 2018    | 650                                    | (16)                       | 31  | -   | 15                     | 2.3%                     | 665                                     |
|                        | 2019    | 1,265                                  | (33)                       | (231)                                     | -   | (264)                  | (20.9%)                  | 1,001                                   |
|                        | 2020    | 913                                    | 140                        | 72  | -   | 212                    | 23.2%                    | 1,125                                   |
| Private Passenger Tota | ıl      | 4,448                                  | 54                         | (117)                                     | -   | (63)                   | (1.4%)                   | 4,385                                   |
| Non Private            |         |  |                            |   |   |                        |                          |   |
| Passenger              | prior   | 86                                     | (5)                        | 5   | -   | -                      | -                        | 86                                      |
|                        | 2011    | (14)                                   | 3                          | (3)                                       | -   | -                      | -                        | (14)                                    |
|                        | 2012    | 75                                     | (4)                        | -   | -   | (4)                    | (5.3%)                   | 71                                      |
|                        | 2013    | 397                                    | (23)                       | 23  | -   | -                      | -                        | 397                                     |
|                        | 2014    | 476                                    | (28)                       | 29  | -   | 1                      | 0.2%                     | 477                                     |
|                        | 2015    | 1,428                                  | (86)                       | 27  | -   | (59)                   | (4.1%)                   | 1,369                                   |
|                        | 2016    | 1,959                                  | (56)                       | 549                                       | -   | 493                    | 25.2%                    | 2,452                                   |
|                        | 2017    | 4,176                                  | (218)                      | 275                                       | -   | 57                     | 1.4%                     | 4,233                                   |
|                        | 2018    | 9,249                                  | (256)                      | (1,060)                                   | -   | (1,316)                | (14.2%)                  | 7,933                                   |
|                        | 2019    | 15,400                                 | (2,471)                    | 1,570                                     | -   | (901)                  | (5.9%)                   | 14,499                                  |
|                        | 2020    | 15,070                                 | 2,376                      | (1,067)                                   | -   | 1,309                  | 8.7%                     | 16,379                                  |
| Non Private Passenger  | Total   | 48,302                                 | (768)                      | 348                                       | -   | (420)                  | (0.9%)                   | 47,882                                  |
| Grand Total            |         | 52,750                                 | (714)                      | 231                                       |   | (483)                  | (0.9%)                   | 52,267                                  |



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

page 7 of 10

| Jurisdiction Desc | Yukon          |
|-------------------|----------------|
| AccountCode Desc  | IBNR Provision |
| AccountCode       | (All)          |

|                         |          | Values                                 | ı                          |   |   |                        |                          |   |
|-------------------------|----------|--|----------------------------|---|---|------------------------|--------------------------|---|
| Business Segment        | AccYear  | Sum of Prior<br>Month Actual<br>Amount | Sum of Projected<br>Change | Sum of Change<br>Due to AvsP<br>Variances | Sum of Change<br>Due to Valuation<br>Implementation | Sum of Total<br>Change | Sum of % Total<br>Change | Sum of Current<br>Month Final<br>Amount |
| Private Passenger       |          |  |                            |   |   |                        |                          |   |
|                         | prior    | 4                                      | -                          | -   | -   | -                      | -                        | 4                                       |
|                         | 2011     | 1                                      | -                          | -   | -   | -                      | -                        | 1                                       |
|                         | 2012     | 2                                      | -                          | -   | -   | -                      | -                        | 2                                       |
|                         | 2013     | 4                                      | -                          | -   | -   | -                      | -                        | 4                                       |
|                         | 2014     | 8                                      | -                          | -   | -   | -                      | -                        | 8                                       |
|                         | 2015     | 19                                     | -                          | -   | -   | -                      | -                        | 19                                      |
|                         | 2016     | 25                                     | -                          | -   | -   | -                      | -                        | 25                                      |
|                         | 2017     | 137                                    | (1)                        | 1   | -   | -                      | -                        | 137                                     |
|                         | 2018     | 110                                    | (1)                        | 1   | -   | -                      | -                        | 110                                     |
|                         | 2019     | 115                                    | (1)                        | 1   | -   | -                      | -                        | 115                                     |
|                         | 2020     | 25                                     | 17                         | (23)                                      | -   | (6)                    | (24.0%)                  | 19                                      |
| Private Passenger Total | <u> </u> | 450                                    | 14                         | (20)                                      | -   | (6)                    | (1.3%)                   | 444                                     |
| Non Private             |          |  |                            |   |   |                        |                          |   |
| Passenger               | prior    | 2                                      | -                          | -   | -   | -                      | -                        | 2                                       |
|                         | 2011     | -                                      | -                          | -   | -   | -                      | -                        | -                                       |
|                         | 2012     | 1                                      | -                          | -   | -   | -                      | -                        | 1                                       |
|                         | 2013     | 2                                      | -                          | -   | -   | -                      | -                        | 2                                       |
|                         | 2014     | 4                                      | -                          | -   | -   | -                      | -                        | 4                                       |
|                         | 2015     | 3                                      | -                          | -   | -   | -                      | -                        | 3                                       |
|                         | 2016     | 32                                     | -                          | -   | -   | -                      | -                        | 32                                      |
|                         | 2017     | 98                                     | (1)                        | 1   | -   | -                      | -                        | 98                                      |
|                         | 2018     | 115                                    | (1)                        | 1   | -   | -                      | -                        | 115                                     |
|                         | 2019     | 306                                    | (54)                       | 51  | -   | (3)                    | (1.0%)                   | 303                                     |
|                         | 2020     | 300                                    | 23                         | 40  | -   | 63                     | 21.0%                    | 363                                     |
| Non Private Passenger   | Total    | 863                                    | (33)                       | 93  | -   | 60                     | 7.0%                     | 923                                     |
| <b>Grand Total</b>      |          | 1,313                                  | (19)                       | 73  | -   | 54                     | 4.1%                     | 1,367                                   |



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

page 8 of 10

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

|                        |         | Values                                 | 1                          |   |   | ı                      |                          | 1                                       |
|------------------------|---------|--|----------------------------|---|---|------------------------|--------------------------|---|
| Business Segment       | AccYear | Sum of Prior<br>Month Actual<br>Amount | Sum of Projected<br>Change | Sum of Change<br>Due to AvsP<br>Variances | Sum of Change<br>Due to Valuation<br>Implementation | Sum of Total<br>Change | Sum of % Total<br>Change | Sum of Current<br>Month Final<br>Amount |
| Private Passenger      |         |  |                            |   |   |                        |                          |   |
|                        | prior   | (3)                                    |                            | -   | -   | -                      | -                        | (3)                                     |
|                        | 2011    | (1)                                    | -                          | -   | -   | -                      | -                        | (1)                                     |
|                        | 2012    | 6                                      | -                          | -   | -   | -                      | -                        | 6                                       |
|                        | 2013    | 7                                      | -                          | -   | -   | -                      | -                        | 7                                       |
|                        | 2014    | 9                                      | -                          | -   | -   | -                      | -                        | 9                                       |
|                        | 2015    | 31                                     | -                          | -   | -   | -                      | -                        | 31                                      |
|                        | 2016    | 57                                     | (1)                        | 1   | -   | -                      | -                        | 57                                      |
|                        | 2017    | 167                                    | (2)                        | 2   | -   | -                      | -                        | 167                                     |
|                        | 2018    | 350                                    | (4)                        | 18  | -   | 14                     | 4.0%                     | 364                                     |
|                        | 2019    | 440                                    | (35)                       | 36  | -   | 1                      | 0.2%                     | 441                                     |
|                        | 2020    | 58                                     | 67                         | (28)                                      | -   | 39                     | 67.2%                    | 97                                      |
| Private Passenger Tota | al      | 1,121                                  | 25                         | 29  | -   | 54                     | 4.8%                     | 1,175                                   |
| Non Private            |         |  |                            |   |   |                        |                          |   |
| Passenger              | prior   | 3                                      | -                          | -   | -   | -                      | -                        | 3                                       |
|                        | 2011    | -                                      | -                          | -   | -   | -                      | -                        | -                                       |
|                        | 2012    | -                                      | -                          | -   | -   | -                      | -                        | -                                       |
|                        | 2013    | 52                                     | -                          | -   | -   | -                      | -                        | 52                                      |
|                        | 2014    | 29                                     | -                          | -   | -   | -                      | -                        | 29                                      |
|                        | 2015    | 13                                     | -                          | -   | -   | -                      | -                        | 13                                      |
|                        | 2016    | 45                                     | -                          | (168)                                     | -   | (168)                  | (373.3%)                 | (123)                                   |
|                        | 2017    | 118                                    | (1)                        | 1   | -   | -                      | -                        | 118                                     |
|                        | 2018    | 202                                    | (3)                        | 30  | -   | 27                     | 13.4%                    | 229                                     |
|                        | 2019    | 233                                    | (18)                       | 12  | -   | (6)                    | (2.6%)                   | 227                                     |
|                        | 2020    | 152                                    | 37                         | 29  | -   | 66                     | 43.4%                    | 218                                     |
| Non Private Passenger  | Total   | 847                                    | 15                         | (96)                                      | -   | (81)                   | (9.6%)                   | 766                                     |
| <b>Grand Total</b>     |         | 1,968                                  | 40                         | (67)                                      | -   | (27)                   | (1.4%)                   | 1,941                                   |



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

page 9 of 10

Jurisdiction Desc Nunavut
AccountCode Desc IBNR Provision
AccountCode (All)

|                      |          | Values                                 | 1                          |   |   | ı                      |                          |   |
|----------------------|----------|--|----------------------------|---|---|------------------------|--------------------------|---|
| Business Segment     | AccYear  | Sum of Prior<br>Month Actual<br>Amount | Sum of Projected<br>Change | Sum of Change<br>Due to AvsP<br>Variances | Sum of Change<br>Due to Valuation<br>Implementation | Sum of Total<br>Change | Sum of % Total<br>Change | Sum of Current<br>Month Final<br>Amount |
| Private Passenger    |          |  |                            |   |   |                        |                          |   |
|                      | prior    | -                                      | -                          | -   | -   | -                      | -                        | -                                       |
|                      | 2011     | -                                      | -                          | -   | -   | -                      | -                        | -                                       |
|                      | 2012     | 17                                     | (1)                        | 1   | -   | -                      | -                        | 17                                      |
|                      | 2013     | 1                                      | -                          | -   | -   | -                      | -                        | 1                                       |
|                      | 2014     | 1                                      | -                          | -   | -   | -                      | -                        | 1                                       |
|                      | 2015     | 3                                      | -                          | -   | -   | -                      | -                        | 3                                       |
|                      | 2016     | 11                                     | -                          | -   | -   | -                      | -                        | 11                                      |
|                      | 2017     | 18                                     | -                          | -   | -   | -                      | -                        | 18                                      |
|                      | 2018     | 13                                     | -                          | 2   | -   | 2                      | 15.4%                    | 15                                      |
|                      | 2019     | 29                                     | -                          | -   | -   | -                      | -                        | 29                                      |
|                      | 2020     | 12                                     | 2                          | 1   | -   | 3                      | 25.0%                    | 15                                      |
| Private Passenger To | tal      | 105                                    | 1                          | 4   | -   | 5                      | 4.8%                     | 110                                     |
| Non Private          |          |  |                            |   |   |                        |                          |   |
| Passenger            | prior    | -                                      | -                          | -   | -   | -                      | -                        | -                                       |
|                      | 2011     | -                                      | -                          | -   | -   | -                      | -                        | -                                       |
|                      | 2012     | -                                      | -                          | -   | -   | -                      | -                        | -                                       |
|                      | 2013     | 3                                      | -                          | -   | -   | -                      | -                        | 3                                       |
|                      | 2014     | 21                                     | -                          | -   | -   | -                      | -                        | 21                                      |
|                      | 2015     | 14                                     | -                          | -   | -   | -                      | -                        | 14                                      |
|                      | 2016     | 25                                     | -                          | -   | -   | -                      | -                        | 25                                      |
|                      | 2017     | 74                                     | (1)                        | 1   | -   | -                      | -                        | 74                                      |
|                      | 2018     | 139                                    | -                          | 30  | -   | 30                     | 21.6%                    | 169                                     |
|                      | 2019     | 121                                    | (10)                       | (37)                                      | -   | (47)                   | (38.8%)                  | 74                                      |
|                      | 2020     | 91                                     | 16                         | 14  | -   | 30                     | 33.0%                    | 121                                     |
| Non Private Passenge | er Total | 488                                    | 5                          | 8   | -   | 13                     | 2.7%                     | 501                                     |
| Grand Total          |          | 593                                    | 6                          | 12  | -   | 18                     | 3.0%                     | 611                                     |



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

page 10 of 10

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

|                      |          | Values                                 | 1                          |   |   |                        |                          | 1                                       |
|----------------------|----------|--|----------------------------|---|---|------------------------|--------------------------|---|
| Business Segment     | AccYear  | Sum of Prior<br>Month Actual<br>Amount | Sum of Projected<br>Change | Sum of Change<br>Due to AvsP<br>Variances | Sum of Change<br>Due to Valuation<br>Implementation | Sum of Total<br>Change | Sum of % Total<br>Change | Sum of Current<br>Month Final<br>Amount |
| Private Passenger    |          |  |                            |   |   |                        |                          |   |
|                      | prior    | 8,508                                  | (379)                      | (1,807)                                   | -   | (2,186)                | (25.7%)                  | 6,322                                   |
|                      | 2011     | 206                                    | (6)                        | 95  | -   | 89                     | 43.2%                    | 295                                     |
|                      | 2012     | 336                                    | (9)                        | (121)                                     | -   | (130)                  | (38.7%)                  | 206                                     |
|                      | 2013     | 323                                    | (11)                       | (1)                                       | -   | (12)                   | (3.7%)                   | 311                                     |
|                      | 2014     | 812                                    | (38)                       | 7   | -   | (31)                   | (3.8%)                   | 781                                     |
|                      | 2015     | 781                                    | (12)                       | (79)                                      | -   | (91)                   | (11.7%)                  | 690                                     |
|                      | 2016     | 2,075                                  | (52)                       | (185)                                     | -   | (237)                  | (11.4%)                  | 1,838                                   |
|                      | 2017     | 5,148                                  | (109)                      | (941)                                     | (7)   | (1,057)                | (20.5%)                  | 4,091                                   |
|                      | 2018     | 8,661                                  | (262)                      | 262                                       | (15)  | (15)                   | (0.2%)                   | 8,646                                   |
|                      | 2019     | 15,806                                 | (533)                      | (2,417)                                   | (26)  | (2,976)                | (18.8%)                  | 12,830                                  |
|                      | 2020     | 15,730                                 | 2,810                      | 713                                       | (31)  | 3,492                  | 22.2%                    | 19,222                                  |
| Private Passenger To | tal      | 58,386                                 | 1,399                      | (4,474)                                   | (79)  | (3,154)                | (5.4%)                   | 55,232                                  |
| Non Private          |          |  |                            |   |   |                        |                          |   |
| Passenger            | prior    | 156                                    | (7)                        | 123                                       | -   | 116                    | 74.4%                    | 272                                     |
|                      | 2011     | 168                                    | (3)                        | 2   | -   | (1)                    | (0.6%)                   | 167                                     |
|                      | 2012     | 192                                    | (6)                        | 447                                       | -   | 441                    | 229.7%                   | 633                                     |
|                      | 2013     | 1,106                                  | (48)                       | (205)                                     | -   | (253)                  | (22.9%)                  | 853                                     |
|                      | 2014     | 896                                    | (40)                       | (262)                                     | -   | (302)                  | (33.7%)                  | 594                                     |
|                      | 2015     | 2,289                                  | (115)                      | 50  | -   | (65)                   | (2.8%)                   | 2,224                                   |
|                      | 2016     | 3,987                                  | (124)                      | 563                                       | -   | 439                    | 11.0%                    | 4,426                                   |
|                      | 2017     | 8,377                                  | (363)                      | 64  | -   | (299)                  | (3.6%)                   | 8,078                                   |
|                      | 2018     | 17,809                                 | (517)                      | (807)                                     | -   | (1,324)                | (7.4%)                   | 16,485                                  |
|                      | 2019     | 36,730                                 | (4,675)                    | 3,711                                     | -   | (964)                  | (2.6%)                   | 35,766                                  |
|                      | 2020     | 32,278                                 | 5,053                      | (1,513)                                   | -   | 3,540                  | 11.0%                    | 35,818                                  |
| Non Private Passenge | er Total | 103,988                                | (845)                      | 2,173                                     | -   | 1,328                  | 1.3%                     | 105,316                                 |
| Grand Total          |          | 162,374                                | 554                        | (2,301)                                   | (79)  | (1,826)                | (1.1%)                   | 160,548                                 |



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

page 1 of 10

Jurisdiction Desc
Labrador
AccountCode Desc
AccountCode (All)

|                        |         | Values                                 |                            |   |   | ı                      |                          |   |
|------------------------|---------|--|----------------------------|---|---|------------------------|--------------------------|---|
| Business Segment       | AccYear | Sum of Prior<br>Month Actual<br>Amount | Sum of Projected<br>Change | Sum of Change<br>Due to AvsP<br>Variances | Sum of Change<br>Due to Valuation<br>Implementation | Sum of Total<br>Change | Sum of % Total<br>Change | Sum of Current<br>Month Final<br>Amount |
| Private Passenger      | prior   | (17)                                   | 3                          | (3)                                       | -   | -                      | -                        | (17)                                    |
|                        | 2011    | (6)                                    | -                          | 39  | -   | 39                     | (650.0%)                 | 33                                      |
|                        | 2012    | (50)                                   | 4                          | (4)                                       | -   | -                      | -                        | (50)                                    |
|                        | 2013    | (12)                                   | 1                          | (1)                                       | -   | -                      | -                        | (12)                                    |
|                        | 2014    | 116                                    | (9)                        | (47)                                      | -   | (56)                   | (48.3%)                  | 60                                      |
|                        | 2015    | (219)                                  | 18                         | (23)                                      | -   | (5)                    | 2.3%                     | (224)                                   |
|                        | 2016    | 177                                    | (6)                        | (112)                                     | -   | (118)                  | (66.7%)                  | 59                                      |
|                        | 2017    | 558                                    | (45)                       | 254                                       | -   | 209                    | 37.5%                    | 767                                     |
|                        | 2018    | 1,274                                  | (102)                      | 261                                       | -   | 159                    | 12.5%                    | 1,433                                   |
|                        | 2019    | 2,798                                  | (224)                      | 234                                       | -   | 10                     | 0.4%                     | 2,808                                   |
|                        | 2020    | 3,170                                  | 324                        | 426                                       | -   | 750                    | 23.7%                    | 3,920                                   |
| Private Passenger Tota | ıl      | 7,789                                  | (36)                       | 1,024                                     | -   | 988                    | 12.7%                    | 8,777                                   |
| Non Private            |         |  |                            |   |   |                        |                          |   |
| Passenger              | prior   | 8                                      | -                          | -   | -   | -                      | -                        | 8                                       |
|                        | 2011    | 1                                      | -                          | -   | -   | -                      | -                        | 1                                       |
|                        | 2012    | (11)                                   | -                          | -   | -   | -                      | -                        | (11)                                    |
|                        | 2013    | 2                                      | -                          | -   | -   | -                      | -                        | 2                                       |
|                        | 2014    | 1                                      | -                          | (1)                                       | -   | (1)                    | (100.0%)                 | -                                       |
|                        | 2015    | (221)                                  | 2                          | (9)                                       | -   | (7)                    | 3.2%                     | (228)                                   |
|                        | 2016    | (155)                                  | 5                          | (6)                                       | -   | (1)                    | 0.6%                     | (156)                                   |
|                        | 2017    | 222                                    | (7)                        | 29  | -   | 22                     | 9.9%                     | 244                                     |
|                        | 2018    | 386                                    | (12)                       | (40)                                      | -   | (52)                   | (13.5%)                  | 334                                     |
|                        | 2019    | 863                                    | (173)                      | 195                                       | -   | 22                     | 2.5%                     | 885                                     |
|                        | 2020    | 1,056                                  | 119                        | 44  | -   | 163                    | 15.4%                    | 1,219                                   |
| Non Private Passenger  | Total   | 2,152                                  | (66)                       | 212                                       | -   | 146                    | 6.8%                     | 2,298                                   |
| <b>Grand Total</b>     |         | 9,941                                  | (102)                      | 1,236                                     |   | 1,134                  | 11.4%                    | 11,075                                  |



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

page 2 of 10

Jurisdiction Desc AccountCode Desc Undiscounted IBNR Provision
AccountCode (All)

|                        |         | Values                                 |                            |   |   | ı                      |                          | ı                                       |
|------------------------|---------|--|----------------------------|---|---|------------------------|--------------------------|---|
| Business Segment       | AccYear | Sum of Prior<br>Month Actual<br>Amount | Sum of Projected<br>Change | Sum of Change<br>Due to AvsP<br>Variances | Sum of Change<br>Due to Valuation<br>Implementation | Sum of Total<br>Change | Sum of % Total<br>Change | Sum of Current<br>Month Final<br>Amount |
| Private Passenger      | prior   | 15                                     | 1                          | (1)                                       | -   | -                      | -                        | 15                                      |
|                        | 2011    | (5)                                    | -                          | -   | -   | -                      | -                        | (5)                                     |
|                        | 2012    | (4)                                    | -                          | -   | -   | -                      | -                        | (4)                                     |
|                        | 2013    | 66                                     | (4)                        | (7)                                       | -   | (11)                   | (16.7%)                  | 55                                      |
|                        | 2014    | 158                                    | (9)                        | 9   | -   | -                      | -                        | 158                                     |
|                        | 2015    | 143                                    | (8)                        | (112)                                     | -   | (120)                  | (83.9%)                  | 23                                      |
|                        | 2016    | 379                                    | (10)                       | (103)                                     | -   | (113)                  | (29.8%)                  | 266                                     |
|                        | 2017    | 1,560                                  | (16)                       | (696)                                     | -   | (712)                  | (45.6%)                  | 848                                     |
|                        | 2018    | 2,247                                  | (22)                       | (115)                                     | -   | (137)                  | (6.1%)                   | 2,110                                   |
|                        | 2019    | 3,453                                  | (35)                       | 55  | -   | 20                     | 0.6%                     | 3,473                                   |
|                        | 2020    | 1,815                                  | 335                        | 200                                       | -   | 535                    | 29.5%                    | 2,350                                   |
| Private Passenger Tota | ı       | 9,827                                  | 232                        | (770)                                     | -   | (538)                  | (5.5%)                   | 9,289                                   |
| Non Private            |         |  |                            |   |   |                        |                          |   |
| Passenger              | prior   | (13)                                   | -                          | 180                                       | -   | 180                    | (1,384.6%)               | 167                                     |
|                        | 2011    | (5)                                    | -                          | -   | -   | -                      | -                        | (5)                                     |
|                        | 2012    | 2                                      | -                          | -   | -   | -                      | -                        | 2                                       |
|                        | 2013    | 111                                    | (3)                        | 3   | -   | -                      | -                        | 111                                     |
|                        | 2014    | 2                                      | -                          | -   | -   | -                      | -                        | 2                                       |
|                        | 2015    | 210                                    | (6)                        | 6   | -   | _                      | -                        | 210                                     |
|                        | 2016    | 243                                    | (7)                        | (69)                                      | -   | (76)                   | (31.3%)                  | 167                                     |
|                        | 2017    | 445                                    | (4)                        | (258)                                     | -   | (262)                  | (58.9%)                  | 183                                     |
|                        | 2018    | 779                                    | (23)                       | 10  | -   | (13)                   | (1.7%)                   | 766                                     |
|                        | 2019    | 1,521                                  | (304)                      | 328                                       | -   | 24                     | 1.6%                     | 1,545                                   |
|                        | 2020    | 1,128                                  | 201                        | (162)                                     | -   | 39                     | 3.5%                     | 1,167                                   |
| Non Private Passenger  | Total   | 4,423                                  | (146)                      | 38  | -   | (108)                  | (2.4%)                   | 4,315                                   |
| Grand Total            |         | 14,250                                 | 86                         | (732)                                     |   | (646)                  | (4.5%)                   | 13,604                                  |



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

page 3 of 10

Jurisdiction Desc AccountCode Desc Undiscounted IBNR Provision
AccountCode (All)

|                        |         | Values                                 |                            |   |   |                        |                          |   |
|------------------------|---------|--|----------------------------|---|---|------------------------|--------------------------|---|
| Business Segment       | AccYear | Sum of Prior<br>Month Actual<br>Amount | Sum of Projected<br>Change | Sum of Change<br>Due to AvsP<br>Variances | Sum of Change<br>Due to Valuation<br>Implementation | Sum of Total<br>Change | Sum of % Total<br>Change | Sum of Current<br>Month Final<br>Amount |
| Private Passenger      | prior   | 48                                     | -                          | (1)                                       | -   | (1)                    | (2.1%)                   | 47                                      |
|                        | 2011    | 5                                      | -                          | -   | -   | -                      | -                        | 5                                       |
|                        | 2012    | (2)                                    | -                          | -   | -   | -                      | -                        | (2)                                     |
|                        | 2013    | 37                                     | -                          | -   | -   | -                      | -                        | 37                                      |
|                        | 2014    | (10)                                   | -                          | -   | -   | -                      | -                        | (10)                                    |
|                        | 2015    | 23                                     | -                          | -   | -   | -                      | -                        | 23                                      |
|                        | 2016    | 134                                    | (1)                        | (3)                                       | -   | (4)                    | (3.0%)                   | 130                                     |
|                        | 2017    | 491                                    | (5)                        | (58)                                      | -   | (63)                   | (12.8%)                  | 428                                     |
|                        | 2018    | 660                                    | (20)                       | 60  | -   | 40                     | 6.1%                     | 700                                     |
|                        | 2019    | 1,287                                  | (39)                       | (22)                                      | -   | (61)                   | (4.7%)                   | 1,226                                   |
|                        | 2020    | 2,185                                  | 483                        | 3   | -   | 486                    | 22.2%                    | 2,671                                   |
| Private Passenger Tota | ıl      | 4,858                                  | 418                        | (21)                                      | -   | 397                    | 8.2%                     | 5,255                                   |
| Non Private            |         |  |                            |   |   |                        |                          |   |
| Passenger              | prior   | (4)                                    | -                          | -   | -   | _                      | -                        | (4)                                     |
|                        | 2011    | 2                                      | -                          | -   | -   | -                      | -                        | 2                                       |
|                        | 2012    | (3)                                    | -                          | -   | -   | _                      | -                        | (3)                                     |
|                        | 2013    | (151)                                  | 2                          | (5)                                       | -   | (3)                    | 2.0%                     | (154)                                   |
|                        | 2014    | (16)                                   | -                          | 28  | -   | 28                     | (175.0%)                 | 12                                      |
|                        | 2015    | 24                                     | -                          | -   | -   | _                      | -                        | 24                                      |
|                        | 2016    | 179                                    | (10)                       | 18  | -   | 8                      | 4.5%                     | 187                                     |
|                        | 2017    | 301                                    | (9)                        | (52)                                      | -   | (61)                   | (20.3%)                  | 240                                     |
|                        | 2018    | 591                                    | (92)                       | 164                                       | -   | 72                     | 12.2%                    | 663                                     |
|                        | 2019    | 1,352                                  | (270)                      | 362                                       | -   | 92                     | 6.8%                     | 1,444                                   |
|                        | 2020    | 1,799                                  | 193                        | 415                                       | -   | 608                    | 33.8%                    | 2,407                                   |
| Non Private Passenger  | Total   | 4,074                                  | (186)                      | 930                                       | -   | 744                    | 18.3%                    | 4,818                                   |
| Grand Total            |         | 8,932                                  | 232                        | 909                                       |   | 1,141                  | 12.8%                    | 10,073                                  |



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

page 4 of 10

Jurisdiction Desc Prince Edward Island

AccountCode Desc Undiscounted IBNR Provision

AccountCode (All)

|                        |         | Values                                 | 1                          |   |   | ı                      |                          |   |
|------------------------|---------|--|----------------------------|---|---|------------------------|--------------------------|---|
| Business Segment       | AccYear | Sum of Prior<br>Month Actual<br>Amount | Sum of Projected<br>Change | Sum of Change<br>Due to AvsP<br>Variances | Sum of Change<br>Due to Valuation<br>Implementation | Sum of Total<br>Change | Sum of % Total<br>Change | Sum of Current<br>Month Final<br>Amount |
| Private Passenger      | prior   | (5)                                    | -                          | -   | -   | -                      | -                        | (5)                                     |
|                        | 2011    | (1)                                    | -                          | -   | -   | -                      | -                        | (1)                                     |
|                        | 2012    | -                                      | -                          | -   | -   | -                      | -                        | -                                       |
|                        | 2013    | (2)                                    | -                          | -   | -   | -                      | -                        | (2)                                     |
|                        | 2014    | (167)                                  | 2                          | 2   | -   | 4                      | (2.4%)                   | (163)                                   |
|                        | 2015    | 4                                      | -                          | -   | -   | -                      | -                        | 4                                       |
|                        | 2016    | (16)                                   | -                          | -   | -   | -                      | -                        | (16)                                    |
|                        | 2017    | 79                                     | (2)                        | (8)                                       | -   | (10)                   | (12.7%)                  | 69                                      |
|                        | 2018    | 281                                    | (3)                        | 11  | -   | 8                      | 2.8%                     | 289                                     |
|                        | 2019    | 138                                    | (1)                        | 7   | -   | 6                      | 4.3%                     | 144                                     |
|                        | 2020    | 372                                    | 78                         | 11  | -   | 89                     | 23.9%                    | 461                                     |
| Private Passenger Tota | ıl      | 683                                    | 74                         | 23  | -   | 97                     | 14.2%                    | 780                                     |
| Non Private            |         |  |                            |   |   |                        |                          |   |
| Passenger              | prior   | (2)                                    | -                          | -   | -   | -                      | -                        | (2)                                     |
|                        | 2011    | 1                                      | -                          | -   | -   | -                      | -                        | 1                                       |
|                        | 2012    | -                                      | -                          | -   | -   | _                      | -                        | -                                       |
|                        | 2013    | 1                                      | -                          | -   | -   | _                      | -                        | 1                                       |
|                        | 2014    | (1)                                    | -                          | -   | -   | -                      | -                        | (1)                                     |
|                        | 2015    | 21                                     | -                          | -   | -   | _                      | -                        | 21                                      |
|                        | 2016    | 46                                     | -                          | -   | -   | _                      | -                        | 46                                      |
|                        | 2017    | 373                                    | (4)                        | 4   | -   | _                      | -                        | 373                                     |
|                        | 2018    | 480                                    | (5)                        | 5   | -   | -                      | -                        | 480                                     |
|                        | 2019    | 882                                    | (88)                       | 88  | -   | -                      | -                        | 882                                     |
|                        | 2020    | 472                                    | 115                        | (110)                                     | -   | 5                      | 1.1%                     | 477                                     |
| Non Private Passenger  | Total   | 2,273                                  | 18                         | (13)                                      | -   | 5                      | 0.2%                     | 2,278                                   |
| Grand Total            |         | 2,956                                  | 92                         | 10  |   | 102                    | 3.5%                     | 3,058                                   |



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

page 5 of 10

Jurisdiction Desc AccountCode Desc Undiscounted IBNR Provision
AccountCode (All)

|                        |         | Values                                 |                            |   |   |                        |                          |   |
|------------------------|---------|--|----------------------------|---|---|------------------------|--------------------------|---|
| Business Segment       | AccYear | Sum of Prior<br>Month Actual<br>Amount | Sum of Projected<br>Change | Sum of Change<br>Due to AvsP<br>Variances | Sum of Change<br>Due to Valuation<br>Implementation | Sum of Total<br>Change | Sum of % Total<br>Change | Sum of Current<br>Month Final<br>Amount |
| Private Passenger      | prior   | 6,773                                  | (345)                      | (1,833)                                   | -   | (2,178)                | (32.2%)                  | 4,595                                   |
|                        | 2011    | 75                                     | (4)                        | 4   | -   | -                      | -                        | 75                                      |
|                        | 2012    | 127                                    | (6)                        | (6)                                       | -   | (12)                   | (9.4%)                   | 115                                     |
|                        | 2013    | 11                                     | (1)                        | 1   | -   | -                      | -                        | 11                                      |
|                        | 2014    | (7)                                    | -                          | 3   | -   | 3                      | (42.9%)                  | (4)                                     |
|                        | 2015    | 25                                     | (1)                        | (1)                                       | -   | (2)                    | (8.0%)                   | 23                                      |
|                        | 2016    | (13)                                   | -                          | -   | -   | -                      | -                        | (13)                                    |
|                        | 2017    | 510                                    | (10)                       | (348)                                     | -   | (358)                  | (70.2%)                  | 152                                     |
|                        | 2018    | 1,239                                  | (62)                       | 2   | -   | (60)                   | (4.8%)                   | 1,179                                   |
|                        | 2019    | 2,924                                  | (102)                      | (2,514)                                   | -   | (2,616)                | (89.5%)                  | 308                                     |
|                        | 2020    | 5,310                                  | 989                        | 17  | -   | 1,006                  | 18.9%                    | 6,316                                   |
| Private Passenger Tota | I       | 16,974                                 | 458                        | (4,675)                                   | -   | (4,217)                | (24.8%)                  | 12,757                                  |
| Non Private            |         |  |                            |   |   |                        |                          |   |
| Passenger              | prior   | 3                                      | -                          | (92)                                      | -   | (92)                   | (3,066.7%)               | (89)                                    |
|                        | 2011    | 57                                     | (3)                        | 3   | -   | -                      | -                        | 57                                      |
|                        | 2012    | 20                                     | (1)                        | 446                                       | -   | 445                    | 2,225.0%                 | 465                                     |
|                        | 2013    | 188                                    | (11)                       | (216)                                     | -   | (227)                  | (120.7%)                 | (39)                                    |
|                        | 2014    | (27)                                   | 2                          | (184)                                     | -   | (182)                  | 674.1%                   | (209)                                   |
|                        | 2015    | (58)                                   | 3                          | (2)                                       | -   | 1                      | (1.7%)                   | (57)                                    |
|                        | 2016    | 666                                    | (40)                       | 239                                       | -   | 199                    | 29.9%                    | 865                                     |
|                        | 2017    | 1,260                                  | (76)                       | 32  | -   | (44)                   | (3.5%)                   | 1,216                                   |
|                        | 2018    | 3,667                                  | (95)                       | 82  | -   | (13)                   | (0.4%)                   | 3,654                                   |
|                        | 2019    | 11,487                                 | (1,149)                    | 1,025                                     | -   | (124)                  | (1.1%)                   | 11,363                                  |
|                        | 2020    | 9,960                                  | 1,581                      | (609)                                     | -   | 972                    | 9.8%                     | 10,932                                  |
| Non Private Passenger  | Total   | 27,223                                 | 211                        | 724                                       | -   | 935                    | 3.4%                     | 28,158                                  |
| <b>Grand Total</b>     |         | 44,197                                 | 669                        | (3,951)                                   | -   | (3,282)                | (7.4%)                   | 40,915                                  |



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

page 6 of 10

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

|                        |         | Values                                 |                            |   |   |                        |                          |   |
|------------------------|---------|--|----------------------------|---|---|------------------------|--------------------------|---|
| Business Segment       | AccYear | Sum of Prior<br>Month Actual<br>Amount | Sum of Projected<br>Change | Sum of Change<br>Due to AvsP<br>Variances | Sum of Change<br>Due to Valuation<br>Implementation | Sum of Total<br>Change | Sum of % Total<br>Change | Sum of Current<br>Month Final<br>Amount |
| Private Passenger      | prior   | 59                                     | (1)                        | 1   | -   | -                      | -                        | 59                                      |
|                        | 2011    | 16                                     | -                          | 52  | -   | 52                     | 325.0%                   | 68                                      |
|                        | 2012    | 26                                     | (1)                        | (117)                                     | -   | (118)                  | (453.8%)                 | (92)                                    |
|                        | 2013    | 47                                     | (1)                        | 1   | -   | -                      | -                        | 47                                      |
|                        | 2014    | 35                                     | (1)                        | 1   | -   | -                      | -                        | 35                                      |
|                        | 2015    | 137                                    | (4)                        | 44  | -   | 40                     | 29.2%                    | 177                                     |
|                        | 2016    | 318                                    | (3)                        | 3   | -   | -                      | -                        | 318                                     |
|                        | 2017    | 461                                    | (5)                        | 5   | -   | -                      | -                        | 461                                     |
|                        | 2018    | 443                                    | (13)                       | 30  | -   | 17                     | 3.8%                     | 460                                     |
|                        | 2019    | 984                                    | (30)                       | (223)                                     | -   | (253)                  | (25.7%)                  | 731                                     |
|                        | 2020    | 797                                    | 123                        | 62  | -   | 185                    | 23.2%                    | 982                                     |
| Private Passenger Tota | ıl      | 3,323                                  | 64                         | (141)                                     | -   | (77)                   | (2.3%)                   | 3,246                                   |
| Non Private            |         |  |                            |   |   |                        |                          |   |
| Passenger              | prior   | 59                                     | (5)                        | 5   | -   | -                      | -                        | 59                                      |
|                        | 2011    | (96)                                   | 6                          | (6)                                       | -   | -                      | -                        | (96)                                    |
|                        | 2012    | 11                                     | (1)                        | (2)                                       | -   | (3)                    | (27.3%)                  | 8                                       |
|                        | 2013    | 197                                    | (12)                       | 12  | -   | -                      | -                        | 197                                     |
|                        | 2014    | 370                                    | (22)                       | 23  | -   | 1                      | 0.3%                     | 371                                     |
|                        | 2015    | 906                                    | (54)                       | (5)                                       | -   | (59)                   | (6.5%)                   | 847                                     |
|                        | 2016    | 1,087                                  | (39)                       | 859                                       | -   | 820                    | 75.4%                    | 1,907                                   |
|                        | 2017    | 3,072                                  | (184)                      | 242                                       | -   | 58                     | 1.9%                     | 3,130                                   |
|                        | 2018    | 7,080                                  | (234)                      | (1,056)                                   | -   | (1,290)                | (18.2%)                  | 5,790                                   |
|                        | 2019    | 11,818                                 | (2,364)                    | 1,751                                     | -   | (613)                  | (5.2%)                   | 11,205                                  |
|                        | 2020    | 13,162                                 | 2,107                      | (1,060)                                   | -   | 1,047                  | 8.0%                     | 14,209                                  |
| Non Private Passenger  | Total   | 37,666                                 | (802)                      | 763                                       | -   | (39)                   | (0.1%)                   | 37,627                                  |
| <b>Grand Total</b>     |         | 40,989                                 | (738)                      | 622                                       | -   | (116)                  | (0.3%)                   | 40,873                                  |



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

page 7 of 10

Jurisdiction Desc
AccountCode Desc

AccountCode

Judiscounted
IBNR Provision
(All)

|                        |         | Values                                 |                            |   |   | ı                      |                          |   |
|------------------------|---------|--|----------------------------|---|---|------------------------|--------------------------|---|
| Business Segment       | AccYear | Sum of Prior<br>Month Actual<br>Amount | Sum of Projected<br>Change | Sum of Change<br>Due to AvsP<br>Variances | Sum of Change<br>Due to Valuation<br>Implementation | Sum of Total<br>Change | Sum of % Total<br>Change | Sum of Current<br>Month Final<br>Amount |
| Private Passenger      | prior   | 4                                      | -                          | -   | -   | -                      | -                        | 4                                       |
|                        | 2011    | 1                                      | -                          | -   | -   | -                      | -                        | 1                                       |
|                        | 2012    | 2                                      | -                          | -   | -   | -                      | -                        | 2                                       |
|                        | 2013    | 4                                      | -                          | -   | -   | -                      | -                        | 4                                       |
|                        | 2014    | 7                                      | -                          | -   | -   | -                      | -                        | 7                                       |
|                        | 2015    | 17                                     | -                          | -   | -   | -                      | -                        | 17                                      |
|                        | 2016    | 23                                     | -                          | -   | -   | -                      | -                        | 23                                      |
|                        | 2017    | 34                                     | -                          | -   | -   | -                      | -                        | 34                                      |
|                        | 2018    | 99                                     | (1)                        | 1   | -   | -                      | -                        | 99                                      |
|                        | 2019    | 100                                    | (1)                        | 1   | -   | -                      | -                        | 100                                     |
|                        | 2020    | 21                                     | 15                         | (20)                                      | -   | (5)                    | (23.8%)                  | 16                                      |
| Private Passenger Tota | ı       | 312                                    | 13                         | (18)                                      | -   | (5)                    | (1.6%)                   | 307                                     |
| Non Private            |         |  |                            |   |   |                        |                          |   |
| Passenger              | prior   | 2                                      | -                          | -   | -   | -                      | -                        | 2                                       |
|                        | 2011    | -                                      | -                          | -   | -   | -                      | -                        | -                                       |
|                        | 2012    | 1                                      | -                          | -   | -   | -                      | -                        | 1                                       |
|                        | 2013    | 2                                      | -                          | -   | -   | -                      | -                        | 2                                       |
|                        | 2014    | 4                                      | -                          | -   | -   | -                      | -                        | 4                                       |
|                        | 2015    | 3                                      | -                          | -   | -   | -                      | -                        | 3                                       |
|                        | 2016    | 29                                     | -                          | -   | -   | -                      | -                        | 29                                      |
|                        | 2017    | 87                                     | (1)                        | 1   | -   | _                      | -                        | 87                                      |
|                        | 2018    | 64                                     | (1)                        | 1   | -   | -                      | -                        | 64                                      |
|                        | 2019    | 258                                    | (52)                       | 49  | -   | (3)                    | (1.2%)                   | 255                                     |
|                        | 2020    | 272                                    | 18                         | 39  | -   | 57                     | 21.0%                    | 329                                     |
| Non Private Passenger  | Total   | 722                                    | (36)                       | 90  |   | 54                     | 7.5%                     | 776                                     |
| Grand Total            |         | 1,034                                  | (23)                       | 72  | -   | 49                     | 4.7%                     | 1,083                                   |



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

page 8 of 10

| Jurisdiction Desc | Northwest             |
|-------------------|-----------------------|
|                   | Territories           |
| AccountCode Desc  | Undiscounted          |
|                   | <b>IBNR Provision</b> |
| AccountCode       | (AII)                 |

|                        |         | Values                                 | 1                          |   |   | ı                      |                          |   |
|------------------------|---------|--|----------------------------|---|---|------------------------|--------------------------|---|
| Business Segment       | AccYear | Sum of Prior<br>Month Actual<br>Amount | Sum of Projected<br>Change | Sum of Change<br>Due to AvsP<br>Variances | Sum of Change<br>Due to Valuation<br>Implementation | Sum of Total<br>Change | Sum of % Total<br>Change | Sum of Current<br>Month Final<br>Amount |
| Private Passenger      | prior   | (3)                                    | -                          | -   | -   | -                      | -                        | (3)                                     |
|                        | 2011    | (1)                                    | -                          | -   | -   | -                      | -                        | (1)                                     |
|                        | 2012    | 5                                      | -                          | -   | -   | -                      | -                        | 5                                       |
|                        | 2013    | 6                                      | -                          | -   | -   | -                      | -                        | 6                                       |
|                        | 2014    | 8                                      | -                          | -   | -   | -                      | -                        | 8                                       |
|                        | 2015    | 28                                     | -                          | -   | -   | -                      | -                        | 28                                      |
|                        | 2016    | 53                                     | (1)                        | 1   | -   | -                      | -                        | 53                                      |
|                        | 2017    | 101                                    | (1)                        | 1   | -   | -                      | -                        | 101                                     |
|                        | 2018    | 309                                    | (3)                        | 16  | -   | 13                     | 4.2%                     | 322                                     |
|                        | 2019    | 384                                    | (33)                       | 35  | -   | 2                      | 0.5%                     | 386                                     |
|                        | 2020    | 31                                     | 61                         | (32)                                      | -   | 29                     | 93.5%                    | 60                                      |
| Private Passenger Tota | ıl      | 921                                    | 23                         | 21  | -   | 44                     | 4.8%                     | 965                                     |
| Non Private            |         |  |                            |   |   |                        |                          |   |
| Passenger              | prior   | 3                                      | -                          | -   | -   | -                      | -                        | 3                                       |
|                        | 2011    | -                                      | -                          | -   | -   | -                      | -                        | -                                       |
|                        | 2012    | -                                      | -                          | -   | -   | -                      | -                        | -                                       |
|                        | 2013    | 7                                      | -                          | -   | -   | -                      | -                        | 7                                       |
|                        | 2014    | 26                                     | -                          | -   | -   | -                      | -                        | 26                                      |
|                        | 2015    | 12                                     | -                          | -   | -   | -                      | -                        | 12                                      |
|                        | 2016    | 41                                     | -                          | (168)                                     | -   | (168)                  | (409.8%)                 | (127)                                   |
|                        | 2017    | 106                                    | (1)                        | 1   | -   | -                      | -                        | 106                                     |
|                        | 2018    | 176                                    | (2)                        | 31  | -   | 29                     | 16.5%                    | 205                                     |
|                        | 2019    | 168                                    | (17)                       | 12  | -   | (5)                    | (3.0%)                   | 163                                     |
|                        | 2020    | 135                                    | 33                         | 25  | -   | 58                     | 43.0%                    | 193                                     |
| Non Private Passenger  | Total   | 674                                    | 13                         | (99)                                      | -   | (86)                   | (12.8%)                  | 588                                     |
| <b>Grand Total</b>     |         | 1,595                                  | 36                         | (78)                                      | -   | (42)                   | (2.6%)                   | 1,553                                   |



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

page 9 of 10

Jurisdiction Desc AccountCode Desc Undiscounted IBNR Provision
AccountCode (All)

|                        |         | Values                                 |                            |   |   |                        |                          |   |
|------------------------|---------|--|----------------------------|---|---|------------------------|--------------------------|---|
| Business Segment       | AccYear | Sum of Prior<br>Month Actual<br>Amount | Sum of Projected<br>Change | Sum of Change<br>Due to AvsP<br>Variances | Sum of Change<br>Due to Valuation<br>Implementation | Sum of Total<br>Change | Sum of % Total<br>Change | Sum of Current<br>Month Final<br>Amount |
| Private Passenger      | prior   | -                                      | -                          | -   | -   | -                      | -                        | -                                       |
|                        | 2011    | -                                      | -                          | -   | -   | -                      | -                        | -                                       |
|                        | 2012    | 1                                      | -                          | -   | -   | -                      | -                        | 1                                       |
|                        | 2013    | 1                                      | -                          | -   | -   | -                      | -                        | 1                                       |
|                        | 2014    | 1                                      | -                          | -   | -   | -                      | -                        | 1                                       |
|                        | 2015    | 3                                      | -                          | -   | -   | -                      | -                        | 3                                       |
|                        | 2016    | 10                                     | -                          | -   | -   | -                      | -                        | 10                                      |
|                        | 2017    | 16                                     | -                          | -   | -   | -                      | -                        | 16                                      |
|                        | 2018    | 12                                     | -                          | 1   | -   | 1                      | 8.3%                     | 13                                      |
|                        | 2019    | 26                                     | -                          | -   | -   | -                      | -                        | 26                                      |
|                        | 2020    | 10                                     | 2                          | 1   | -   | 3                      | 30.0%                    | 13                                      |
| Private Passenger Tota | al      | 80                                     | 2                          | 2   | -   | 4                      | 5.0%                     | 84                                      |
| Non Private            |         |  |                            |   |   |                        |                          |   |
| Passenger              | prior   | -                                      | -                          | -   | -   | -                      | -                        | -                                       |
|                        | 2011    | -                                      | -                          | -   | -   | -                      | -                        | -                                       |
|                        | 2012    | -                                      | -                          | -   | -   | -                      | -                        | -                                       |
|                        | 2013    | 3                                      | -                          | -   | -   | -                      | -                        | 3                                       |
|                        | 2014    | 3                                      | -                          | -   | -   | -                      | -                        | 3                                       |
|                        | 2015    | 6                                      | -                          | -   | -   | -                      | -                        | 6                                       |
|                        | 2016    | 23                                     | -                          | -   | -   | -                      | -                        | 23                                      |
|                        | 2017    | 67                                     | (1)                        | 1   | -   | _                      | -                        | 67                                      |
|                        | 2018    | 123                                    | (1)                        | 31  | -   | 30                     | 24.4%                    | 153                                     |
|                        | 2019    | 99                                     | (10)                       | (37)                                      | -   | (47)                   | (47.5%)                  | 52                                      |
|                        | 2020    | 80                                     | 15                         | 14  | -   | 29                     | 36.3%                    | 109                                     |
| Non Private Passenger  | Total   | 404                                    | 3                          | 9   | -   | 12                     | 3.0%                     | 416                                     |
| <b>Grand Total</b>     |         | 484                                    | 5                          | 11  |   | 16                     | 3.3%                     | 500                                     |



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

page 10 of 10

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

|                        |         | Values                                 |                            |   |   |                        |                          |   |
|------------------------|---------|--|----------------------------|---|---|------------------------|--------------------------|---|
| Business Segment       | AccYear | Sum of Prior<br>Month Actual<br>Amount | Sum of Projected<br>Change | Sum of Change<br>Due to AvsP<br>Variances | Sum of Change<br>Due to Valuation<br>Implementation | Sum of Total<br>Change | Sum of % Total<br>Change | Sum of Current<br>Month Final<br>Amount |
| Private Passenger      | prior   | 6,874                                  | (342)                      | (1,837)                                   | -   | (2,179)                | (31.7%)                  | 4,695                                   |
|                        | 2011    | 84                                     | (4)                        | 95  | -   | 91                     | 108.3%                   | 175                                     |
|                        | 2012    | 105                                    | (3)                        | (127)                                     | -   | (130)                  | (123.8%)                 | (25)                                    |
|                        | 2013    | 158                                    | (5)                        | (6)                                       | -   | (11)                   | (7.0%)                   | 147                                     |
|                        | 2014    | 141                                    | (17)                       | (32)                                      | -   | (49)                   | (34.8%)                  | 92                                      |
|                        | 2015    | 161                                    | 5                          | (92)                                      | -   | (87)                   | (54.0%)                  | 74                                      |
|                        | 2016    | 1,065                                  | (21)                       | (214)                                     | -   | (235)                  | (22.1%)                  | 830                                     |
|                        | 2017    | 3,810                                  | (84)                       | (850)                                     | -   | (934)                  | (24.5%)                  | 2,876                                   |
|                        | 2018    | 6,564                                  | (226)                      | 267                                       | -   | 41                     | 0.6%                     | 6,605                                   |
|                        | 2019    | 12,094                                 | (465)                      | (2,427)                                   | -   | (2,892)                | (23.9%)                  | 9,202                                   |
|                        | 2020    | 13,711                                 | 2,410                      | 668                                       | -   | 3,078                  | 22.4%                    | 16,789                                  |
| Private Passenger Tota | ı       | 44,767                                 | 1,248                      | (4,555)                                   | -   | (3,307)                | (7.4%)                   | 41,460                                  |
| Non Private            |         |  |                            |   |   |                        |                          |   |
| Passenger              | prior   | 56                                     | (5)                        | 93  | -   | 88                     | 157.1%                   | 144                                     |
|                        | 2011    | (40)                                   | 3                          | (3)                                       | -   | -                      | -                        | (40)                                    |
|                        | 2012    | 20                                     | (2)                        | 444                                       | -   | 442                    | 2,210.0%                 | 462                                     |
|                        | 2013    | 360                                    | (24)                       | (206)                                     | -   | (230)                  | (63.9%)                  | 130                                     |
|                        | 2014    | 362                                    | (20)                       | (134)                                     | -   | (154)                  | (42.5%)                  | 208                                     |
|                        | 2015    | 903                                    | (55)                       | (10)                                      | -   | (65)                   | (7.2%)                   | 838                                     |
|                        | 2016    | 2,159                                  | (91)                       | 873                                       | -   | 782                    | 36.2%                    | 2,941                                   |
|                        | 2017    | 5,933                                  | (287)                      | -   | -   | (287)                  | (4.8%)                   | 5,646                                   |
|                        | 2018    | 13,346                                 | (465)                      | (772)                                     | -   | (1,237)                | (9.3%)                   | 12,109                                  |
|                        | 2019    | 28,448                                 | (4,427)                    | 3,773                                     | -   | (654)                  | (2.3%)                   | 27,794                                  |
|                        | 2020    | 28,064                                 | 4,382                      | (1,404)                                   | -   | 2,978                  | 10.6%                    | 31,042                                  |
| Non Private Passenger  | Total   | 79,611                                 | (991)                      | 2,654                                     | -   | 1,663                  | 2.1%                     | 81,274                                  |
| <b>Grand Total</b>     |         | 124,378                                | 257                        | (1,901)                                   |   | (1,644)                | (1.3%)                   | 122,734                                 |



### 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.

page 1 of 10

### Newfoundland & Labrador

| ending 2020          | ·                   |                                   | Newfoundland & Labrador - Projected Balances as at Dec. 31, 2020 (\$000s) |                    |          |                    |                     |                     |                    |  |  |  |  |  |
|----------------------|---------------------|-----------------------------------|---|--------------------|----------|--------------------|---------------------|---------------------|--------------------|--|--|--|--|--|
|                      |                     | nominal                           | values  |                    | actuar   | ial present valu   | ue adjustments (    | apvs)               |                    |  |  |  |  |  |
| Acc Yr               | Case                | IBNR                              | Retro Claims<br>Fee & Expense   | Total Unpaid       | discount | investment<br>PfAD | development<br>PfAD | Total apvs          | TOTAL              |  |  |  |  |  |
| prior                | (2)                 | (4)                               | -   | (6)                | -        | -                  | 2                   | 2                   | (4)                |  |  |  |  |  |
| 2001                 | -                   | (4)                               | (5)   | (9)                | -        | -                  | 1                   | 1                   | (8)                |  |  |  |  |  |
| 2002                 | -                   | -                                 | -   | -                  | -        | -                  | -                   | -                   | -                  |  |  |  |  |  |
| 2003                 | -                   | 1                                 | 1   | 2                  | -        | -                  | -                   | -                   | 2                  |  |  |  |  |  |
| 2004                 | (2)                 | (9)                               | -   | (11)               | -        | -                  | 1                   | 1                   | (10)               |  |  |  |  |  |
| 2005                 | -                   | 3                                 | 6   | 9                  | -        | -                  | 1                   | 1                   | 10                 |  |  |  |  |  |
| 2006                 | -                   | 1                                 | 3   | 4                  | -        | -                  | -                   | -                   | 4                  |  |  |  |  |  |
| 2007                 | 28                  | (3)                               | 6   | 31                 | (1)      | -                  | 3                   | 2                   | 33                 |  |  |  |  |  |
| 2008                 | 90                  | 3                                 | 16  | 109                | (5)      | 1                  | 11                  | 7                   | 116                |  |  |  |  |  |
| 2009                 | 81                  | 5                                 | 25  | 111                | (5)      | 1                  | 12                  | 8                   | 119                |  |  |  |  |  |
| 2010                 | (2)                 | (5)                               | 51  | 44                 | -        | -                  | 6                   | 6                   | 50                 |  |  |  |  |  |
| 2011                 | 228                 | 26                                | 87  | 341                | (16)     | 7                  | 33                  | 24                  | 365                |  |  |  |  |  |
| 2012                 | 1,464               | (40)                              | 133   | 1,557              | (63)     | 23                 | 148                 | 108                 | 1,665              |  |  |  |  |  |
| 2013                 | 638                 | (10)                              | 130   | 758                | (29)     | 11                 | 74                  | 56                  | 814                |  |  |  |  |  |
| 2014                 | 1,142               | 45                                | 209   | 1,396              | (32)     | 13                 | 137                 | 118                 | 1,514              |  |  |  |  |  |
| 2015                 | 2,807               | (174)                             | 322   | 2,955              | (51)     | 20                 | 304                 | 273                 | 3,228              |  |  |  |  |  |
| 2016                 | 3,935               | 43                                | 309   | 4,287              | (64)     | 25                 | 459                 | 420                 | 4,707              |  |  |  |  |  |
| 2017                 | 2,050               | 526                               | 235   | 2,811              | (43)     | 17                 | 321                 | 295                 | 3,106              |  |  |  |  |  |
| 2018                 | 5,363               | 805                               | 433   | 6,601              | (97)     | 39                 | 691                 | 633                 | 7,234              |  |  |  |  |  |
| 2019                 | 8,490               | 1,649                             | 468   | 10,607             | (168)    | 64                 | 1,116               | 1,012               | 11,619             |  |  |  |  |  |
| PAYs (sub-total):    | 26,310              | 2,858                             | 2,429   | 31,597             | (574)    | 221                | 3,320               | 2,967               | 34,564             |  |  |  |  |  |
| CAY (2020)           | 9,469               | 2,658                             | (4)   | 12,123             | (206)    | 73                 | 1,318               | 1,185               | 13,308             |  |  |  |  |  |
| claims liabilities:  | 35,779              | 5,516                             | 2,425   | 43,720             | (780)    | 294                | 4,638               | 4,152               | 47,872             |  |  |  |  |  |
|                      | Unearned<br>Premium | Premium<br>Deficiency /<br>(DPAC) |   | Total<br>Provision | discount | investment<br>PfAD | development<br>PfAD | Total apvs          | TOTAL*             |  |  |  |  |  |
| premium liabilities: | 13,931              | (1,421)                           |   | 12,510             | (168)    | 65                 | 894                 | 791                 | 12,510             |  |  |  |  |  |
|                      |                     |                                   |   |                    | •        | *Total may not     | be sum of parts, as | apvs apply to futur | e costs within UPR |  |  |  |  |  |
| policy liabilities:  |                     |                                   |   | 56,230             | (948)    | 359                | 5,532               | 4,943               | 60,382             |  |  |  |  |  |



### 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.

page 2 of 10

### **New Brunswick**

| Private Passenger    | New Brunswick - Projected Balances as at Dec. 31, 2020 (\$000s) |                                   |                               |                    |          |                    |                     |                    |                      |  |  |
|----------------------|---|-----------------------------------|-------------------------------|--------------------|----------|--------------------|---------------------|--------------------|----------------------|--|--|
| ending 2020          |   | nomina                            | l values                      |                    | actuar   | rial present valu  | ue adjustments (    | apvs)              |                      |  |  |
| Acc Yr               | Case  | IBNR                              | Retro Claims<br>Fee & Expense | Total Unpaid       | discount | investment<br>PfAD | development<br>PfAD | Total apvs         | TOTAL                |  |  |
| prior                | -   | 18                                | -                             | 18                 | -        | -                  | 2                   | 2                  | 20                   |  |  |
| 2001                 | -   | (1)                               | -                             | (1)                | -        | -                  | -                   | -                  | (1)                  |  |  |
| 2002                 | (1)   | (10)                              | (1)                           | (12)               | -        | -                  | 1                   | 1                  | (11)                 |  |  |
| 2003                 | 203   | 3                                 | 2                             | 208                | -        | -                  | 21                  | 21                 | 229                  |  |  |
| 2004                 | -   | 1                                 | 1                             | 2                  | -        | -                  | -                   | -                  | 2                    |  |  |
| 2005                 | 1   | 9                                 | (5)                           | 5                  | -        | -                  | 2                   | 2                  | 7                    |  |  |
| 2006                 | -   | (9)                               | 13                            | 4                  | -        | -                  | 2                   | 2                  | 6                    |  |  |
| 2007                 | -   | (8)                               | 16                            | 8                  | -        | -                  | 3                   | 3                  | 11                   |  |  |
| 2008                 | 19  | (2)                               | 16                            | 33                 | (2)      | -                  | 4                   | 2                  | 35                   |  |  |
| 2009                 | -   | 8                                 | -                             | 8                  | -        | -                  | 1                   | 1                  | 9                    |  |  |
| 2010                 | 115   | 6                                 | 27                            | 148                | (4)      | 1                  | 15                  | 12                 | 160                  |  |  |
| 2011                 | 69  | (5)                               | 51                            | 115                | (2)      | -                  | 11                  | 9                  | 124                  |  |  |
| 2012                 | 188   | (4)                               | 90                            | 274                | (6)      | 2                  | 27                  | 23                 | 297                  |  |  |
| 2013                 | 96  | 46                                | 89                            | 231                | (3)      | 1                  | 23                  | 21                 | 252                  |  |  |
| 2014                 | 537   | 133                               | 109                           | 779                | (13)     | 5                  | 77                  | 69                 | 848                  |  |  |
| 2015                 | 1,895   | 20                                | 184                           | 2,099              | (22)     | 8                  | 214                 | 200                | 2,299                |  |  |
| 2016                 | 1,817   | 236                               | 152                           | 2,205              | (27)     | 9                  | 233                 | 215                | 2,420                |  |  |
| 2017                 | 1,330   | 689                               | 141                           | 2,160              | (30)     | 11                 | 288                 | 269                | 2,429                |  |  |
| 2018                 | 1,781   | 1,826                             | 131                           | 3,738              | (64)     | 26                 | 487                 | 449                | 4,187                |  |  |
| 2019                 | 1,540   | 3,047                             | 226                           | 4,813              | (96)     | 39                 | 622                 | 565                | 5,378                |  |  |
| PAYs (sub-total):    | 9,590   | 6,003                             | 1,242                         | 16,835             | (269)    | 102                | 2,033               | 1,866              | 18,701               |  |  |
| CAY (2020)           | 2,701   | 3,763                             | 134                           | 6,598              | (145)    | 53                 | 829                 | 737                | 7,335                |  |  |
| claims liabilities:  | 12,291  | 9,766                             | 1,376                         | 23,433             | (414)    | 155                | 2,862               | 2,603              | 26,036               |  |  |
|                      | Unearned<br>Premium   | Premium<br>Deficiency /<br>(DPAC) |                               | Total<br>Provision | discount | investment<br>PfAD | development<br>PfAD | Total apvs         | TOTAL*               |  |  |
| premium liabilities: | 9,051   | (968)                             |                               | 8,083              | (102)    | 37                 | 553                 | 488                | 8,083                |  |  |
|                      |   |                                   |                               |                    |          | *Total may not     | be sum of parts, as | apvs apply to futu | ire costs within UPF |  |  |
| policy liabilities:  |   |                                   |                               | 31,516             | (516)    | 192                | 3,415               | 3,091              | 34,119               |  |  |



# 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.

page 3 of 10

### **Nova Scotia**

| Private Passenger    | Nova Scotia - Projected 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<br>Fee & Expense | Total Unpaid       | discount | investment<br>PfAD | development<br>PfAD | Total apvs          | TOTAL             |  |  |
| prior                | -   | 3                                 | (1)                           | 2                  | -        | -                  | 2                   | 2                   | 4                 |  |  |
| 2001                 | -   | 3                                 | -                             | 3                  | -        | -                  | -                   | -                   | 3                 |  |  |
| 2002                 | 2   | 10                                | 1                             | 13                 | -        | -                  | 1                   | 1                   | 14                |  |  |
| 2003                 | (1)   | (7)                               | -                             | (8)                | -        | -                  | 1                   | 1                   | (7                |  |  |
| 2004                 | 14  | 3                                 | (2)                           | 15                 | -        | -                  | 2                   | 2                   | 17                |  |  |
| 2005                 | 1   | 15                                | 25                            | 41                 | -        | -                  | 5                   | 5                   | 46                |  |  |
| 2006                 | -   | (4)                               | 24                            | 20                 | -        | -                  | 2                   | 2                   | 22                |  |  |
| 2007                 | (2)   | (10)                              | 30                            | 18                 | -        | -                  | 4                   | 4                   | 22                |  |  |
| 2008                 | 1   | 11                                | 29                            | 41                 | -        | -                  | 4                   | 4                   | 45                |  |  |
| 2009                 | 208   | 11                                | 34                            | 253                | (10)     | 5                  | 24                  | 19                  | 272               |  |  |
| 2010                 | 12  | 6                                 | 40                            | 58                 | (3)      | 1                  | 6                   | 4                   | 62                |  |  |
| 2011                 | -   | 5                                 | 32                            | 37                 | (2)      | 1                  | 4                   | 3                   | 40                |  |  |
| 2012                 | -   | (2)                               | 51                            | 49                 | (2)      | 1                  | 5                   | 4                   | 53                |  |  |
| 2013                 | 69  | 28                                | 61                            | 158                | (3)      | 1                  | 16                  | 14                  | 172               |  |  |
| 2014                 | 280   | (9)                               | 70                            | 341                | (5)      | 2                  | 34                  | 31                  | 372               |  |  |
| 2015                 | 161   | 17                                | 17                            | 195                | (4)      | 1                  | 24                  | 21                  | 216               |  |  |
| 2016                 | 518   | 121                               | 68                            | 707                | (11)     | 4                  | 101                 | 94                  | 801               |  |  |
| 2017                 | 717   | 376                               | 47                            | 1,140              | (16)     | 5                  | 157                 | 146                 | 1,286             |  |  |
| 2018                 | 1,448   | 608                               | 75                            | 2,131              | (33)     | 13                 | 272                 | 252                 | 2,383             |  |  |
| 2019                 | 4,086   | 999                               | 138                           | 5,223              | (89)     | 37                 | 681                 | 629                 | 5,852             |  |  |
| PAYs (sub-total):    | 7,514   | 2,184                             | 739                           | 10,437             | (178)    | 71                 | 1,345               | 1,238               | 11,675            |  |  |
| CAY (2020)           | 3,993   | 3,047                             | 47                            | 7,087              | (121)    | 42                 | 915                 | 836                 | 7,923             |  |  |
| claims liabilities:  | 11,507  | 5,231                             | 786                           | 17,524             | (299)    | 113                | 2,260               | 2,074               | 19,598            |  |  |
|                      | Unearned<br>Premium   | Premium<br>Deficiency /<br>(DPAC) |                               | Total<br>Provision | discount | investment<br>PfAD | development<br>PfAD | Total apvs          | TOTAL*            |  |  |
| premium liabilities: | 9,981   | (1,078)                           |                               | 8,903              | (91)     | 36                 | 629                 | 574                 | 8,903             |  |  |
|                      |   |                                   |                               |                    |          | *Total may not     | be sum of parts, as | apvs apply to futur | e costs within UP |  |  |
| policy liabilities:  |   |                                   |                               | 26,427             | (390)    | 149                | 2,889               | 2,648               | 28,501            |  |  |



### 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.

page 4 of 10

### **Prince Edward Island**

| Private Passenger    | Prince Edward Island - 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<br>Fee & Expense | Total Unpaid       | discount | investment<br>PfAD | development<br>PfAD | Total apvs         | TOTAL              |  |  |
| prior                | -  | (2)                               | -                             | (2)                | -        | -                  | -                   | -                  | (2                 |  |  |
| 2001                 | -  | (1)                               | -                             | (1)                | -        | -                  | -                   | -                  | (1                 |  |  |
| 2002                 | -  | 1                                 | -                             | 1                  | -        | -                  | -                   | -                  | 1                  |  |  |
| 2003                 | -  | (1)                               | -                             | (1)                | -        | -                  | -                   | -                  | (1                 |  |  |
| 2004                 | -  | 4                                 | -                             | 4                  | -        | -                  | -                   | -                  | 4                  |  |  |
| 2005                 | -  | (4)                               | 7                             | 3                  | -        | -                  | 1                   | 1                  | 4                  |  |  |
| 2006                 | -  | -                                 | 11                            | 11                 | -        | -                  | 1                   | 1                  | 12                 |  |  |
| 2007                 | -  | (1)                               | 3                             | 2                  | -        | -                  | -                   | -                  | 2                  |  |  |
| 2008                 | -  | (1)                               | 3                             | 2                  | -        | -                  | -                   | -                  | 2                  |  |  |
| 2009                 | -  | -                                 | -                             | -                  | -        | -                  | -                   | -                  | -                  |  |  |
| 2010                 | -  | -                                 | 9                             | 9                  | -        | -                  | 1                   | 1                  | 10                 |  |  |
| 2011                 | -  | (1)                               | 14                            | 13                 | -        | -                  | 1                   | 1                  | 14                 |  |  |
| 2012                 | -  | - '                               | 20                            | 20                 | -        | -                  | 2                   | 2                  | 22                 |  |  |
| 2013                 | -  | (2)                               | 24                            | 22                 | -        | -                  | 2                   | 2                  | 24                 |  |  |
| 2014                 | 5  | (151)                             | 14                            | (132)              | 5        | (2)                | 16                  | 19                 | (113               |  |  |
| 2015                 | 912  | 4                                 | 26                            | 942                | (21)     | 7                  |                     | 84                 | 1,026              |  |  |
| 2016                 | 303  | (16)                              | 70                            | 357                | (6)      | 2                  | 40                  | 36                 | 393                |  |  |
| 2017                 | 1,117  | 63                                | 31                            | 1,211              | (14)     | 5                  | 128                 | 119                | 1,330              |  |  |
| 2018                 | 305  | 251                               | (2)                           | 554                | (7)      | 3                  | 76                  | 72                 | 626                |  |  |
| 2019                 | 562  | 124                               | 25                            | 711                | (13)     | 5                  | 98                  | 90                 | 801                |  |  |
| PAYs (sub-total):    | 3,204  | 267                               | 255                           | 3,726              | (56)     | 20                 | 464                 | 428                | 4,154              |  |  |
| CAY (2020)           | 665  | 424                               | 8                             | 1,097              | (21)     | 8                  | 149                 | 136                | 1,233              |  |  |
| claims liabilities:  | 3,869  | 691                               | 263                           | 4,823              | (77)     | 28                 | 613                 | 564                | 5,387              |  |  |
|                      | Unearned<br>Premium  | Premium<br>Deficiency /<br>(DPAC) |                               | Total<br>Provision | discount | investment<br>PfAD | development<br>PfAD | Total apvs         | TOTAL*             |  |  |
| premium liabilities: | 1,482  | (160)                             |                               | 1,322              | (12)     | 4                  | 76                  | 68                 | 1,322              |  |  |
|                      |  |                                   |                               |                    |          | *Total may not     | be sum of parts, as | apvs apply to futu | re costs within UP |  |  |
| policy liabilities:  |  |                                   |                               | 6,145              | (89)     | 32                 | 689                 | 632                | 6,709              |  |  |



# 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.

page 5 of 10

### **Ontario**

| Private Passenger    | Ontario - Projected 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<br>Fee & Expense | Total Unpaid       | discount | investment<br>PfAD | development<br>PfAD | Total apvs          | TOTAL             |  |  |  |
| prior                | 4,957   | 3,469                             | (8)                           | 8,418              | (92)     | 38                 | 844                 | 790                 | 9,208             |  |  |  |
| 2001                 | -   | 6                                 | (2)                           | 4                  | -        | -                  | 1                   | 1                   | 5                 |  |  |  |
| 2002                 | 426   | (8)                               | 80                            | 498                | (10)     | 4                  | 49                  | 43                  | 541               |  |  |  |
| 2003                 | 1,996   | (9)                               | 412                           | 2,399              | (58)     | 22                 | 234                 | 198                 | 2,597             |  |  |  |
| 2004                 | 1,254   | 235                               | 455                           | 1,944              | (51)     | 20                 | 190                 | 159                 | 2,103             |  |  |  |
| 2005                 | 1   | (28)                              | 198                           | 171                | -        | -                  | 23                  | 23                  | 194               |  |  |  |
| 2006                 | 250   | 4                                 | 216                           | 470                | (16)     | 6                  | 45                  | 35                  | 505               |  |  |  |
| 2007                 | 1,845   | 222                               | 225                           | 2,292              | (82)     | 30                 | 222                 | 170                 | 2,462             |  |  |  |
| 2008                 | 136   | 162                               | 166                           | 464                | (18)     | 6                  | 45                  | 33                  | 497               |  |  |  |
| 2009                 | 64  | 122                               | 239                           | 425                | (18)     | 7                  | 41                  | 30                  | 455               |  |  |  |
| 2010                 | 575   | (25)                              | 195                           | 745                | (26)     | 10                 | 72                  | 56                  | 801               |  |  |  |
| 2011                 | 986   | 66                                | 301                           | 1,353              | (57)     | 21                 | 130                 | 94                  | 1,447             |  |  |  |
| 2012                 | 865   | 104                               | 186                           | 1,155              | (49)     | 19                 | 111                 | 81                  | 1,236             |  |  |  |
| 2013                 | 809   | 10                                | 350                           | 1,169              | (30)     | 12                 | 114                 | 96                  | 1,265             |  |  |  |
| 2014                 | 3,402   | (4)                               | 341                           | 3,739              | (90)     | 34                 | 365                 | 309                 | 4,048             |  |  |  |
| 2015                 | 333   | 22                                |                               | 771                | (12)     | 4                  | 94                  | 86                  | 857               |  |  |  |
| 2016                 | 894   | (10)                              | 346                           | 1,230              | (16)     | 6                  | 133                 | 123                 | 1,353             |  |  |  |
| 2017                 | 1,143   | 124                               | 399                           | 1,666              | (24)     | 8                  | 216                 | 200                 | 1,866             |  |  |  |
| 2018                 | 1,599   | 959                               | 418                           | 2,976              | (52)     | 22                 | 410                 | 380                 | 3,356             |  |  |  |
| 2019                 | 6,077   | 249                               | 900                           | 7,226              | (146)    | 58                 | 1,116               | 1,028               | 8,254             |  |  |  |
| PAYs (sub-total):    | 27,612  | 5,670                             | 5,833                         | 39,115             | (847)    | 327                | 4,455               | 3,935               | 43,050            |  |  |  |
| CAY (2020)           | 8,100   | 8,794                             | 633                           | 17,527             | (350)    | 122                | 2,592               | 2,364               | 19,891            |  |  |  |
| claims liabilities:  | 35,712  | 14,464                            | 6,466                         | 56,642             | (1,197)  | 449                | 7,047               | 6,299               | 62,941            |  |  |  |
|                      | Unearned<br>Premium                                       | Premium<br>Deficiency /<br>(DPAC) |                               | Total<br>Provision | discount | investment<br>PfAD | development<br>PfAD | Total apvs          | TOTAL*            |  |  |  |
| premium liabilities: | 24,292  | (1,433)                           |                               | 22,859             | (232)    | 87                 | 1,393               | 1,248               | 22,859            |  |  |  |
|                      |   |                                   |                               |                    |          | *Total may not     | be sum of parts, as | apvs apply to futur | e costs within UP |  |  |  |
| policy liabilities:  |   |                                   |                               | 79,501             | (1,429)  | 536                | 8.440               | 7,547               | 85,800            |  |  |  |



# 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.

page 6 of 10

### Alberta

| Private Passenger    | Alberta - 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<br>Fee & Expense | Total Unpaid       | discount | investment<br>PfAD | development<br>PfAD | Total apvs         | TOTAL               |  |  |  |
| prior                | -   | (2)                               | (2)                           | (4)                | -        | -                  | 13                  | 13                 | 9                   |  |  |  |
| 2001                 | 2   | 9                                 | -                             | 11                 | -        | -                  | 1                   | 1                  | 12                  |  |  |  |
| 2002                 | (3)   | (11)                              | 2                             | (12)               | -        | -                  | 1                   | 1                  | (11                 |  |  |  |
| 2003                 | 5   | 53                                | 13                            | 71                 | -        | -                  | 7                   | 7                  | 78                  |  |  |  |
| 2004                 | (1)   | (24)                              | 3                             | (22)               | -        | -                  | 3                   | 3                  | (19                 |  |  |  |
| 2005                 | -   | 5                                 | 22                            | 27                 | -        | -                  | 3                   | 3                  | 30                  |  |  |  |
| 2006                 | 9   | 10                                | 12                            | 31                 | -        | -                  | 3                   | 3                  | 34                  |  |  |  |
| 2007                 | 4   | 8                                 | 85                            | 97                 | -        | -                  | 10                  | 10                 | 107                 |  |  |  |
| 2008                 | -   | 6                                 | 77                            | 83                 | -        | -                  | 9                   | 9                  | 92                  |  |  |  |
| 2009                 | -   | (8)                               | 56                            | 48                 | -        | -                  | 7                   | 7                  | 55                  |  |  |  |
| 2010                 | -   | (2)                               | 24                            | 22                 | -        | -                  | 2                   | 2                  | 24                  |  |  |  |
| 2011                 | 121   | 54                                | 9                             | 184                | (5)      | 2                  | 18                  | 15                 | 199                 |  |  |  |
| 2012                 | 167   | (73)                              | 29                            | 123                | (1)      | -                  | 12                  | 11                 | 134                 |  |  |  |
| 2013                 | 92  | 39                                | 37                            | 168                | (1)      | -                  | 17                  | 16                 | 184                 |  |  |  |
| 2014                 | 1,434   | 28                                | 50                            | 1,512              | (16)     | 6                  | 150                 | 140                | 1,652               |  |  |  |
| 2015                 | 114   | 140                               | 45                            | 299                | (4)      | 1                  | 31                  | 28                 | 327                 |  |  |  |
| 2016                 | 1,542   | 294                               | 31                            | 1,867              | (25)     | 9                  | 196                 | 180                | 2,047               |  |  |  |
| 2017                 | 294   | 425                               | 38                            | 757                | (12)     | 4                  | 98                  | 90                 | 847                 |  |  |  |
| 2018                 | 1,207   | 348                               | 131                           | 1,686              | (27)     | 11                 | 219                 | 203                | 1,889               |  |  |  |
| 2019                 | 1,629   | 568                               | 55                            | 2,252              | (43)     | 15                 | 301                 | 273                | 2,525               |  |  |  |
| PAYs (sub-total):    | 6,616   | 1,867                             | 717                           | 9,200              | (134)    | 48                 | 1,101               | 1,015              | 10,215              |  |  |  |
| CAY (2020)           | 1,029   | 1,441                             | (126)                         | 2,344              | (40)     | 14                 | 293                 | 267                | 2,611               |  |  |  |
| claims liabilities:  | 7,645   | 3,308                             | 591                           | 11,544             | (174)    | 62                 | 1,394               | 1,282              | 12,826              |  |  |  |
|                      | Unearned<br>Premium                                       | Premium<br>Deficiency /<br>(DPAC) |                               | Total<br>Provision | discount | investment<br>PfAD | development<br>PfAD | Total apvs         | TOTAL*              |  |  |  |
| premium liabilities: | 4,541   | (490)                             |                               | 4,051              | (30)     | 10                 | 202                 | 182                | 4,051               |  |  |  |
|                      |   |                                   |                               |                    |          | *Total may not     | be sum of parts, as | apvs apply to futu | re costs within UPI |  |  |  |
| policy liabilities:  |   |                                   |                               | 15,595             | (204)    | 72                 | 1,596               | 1,464              | 16,877              |  |  |  |



# 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.

page 7 of 10

### Yukon

| Private Passenger    | Yukon - Projected Balances as at Dec. 31, 2020 (\$000s) |                                   |                              |                    |          |                    |                     |                    |                    |  |  |
|----------------------|---|-----------------------------------|------------------------------|--------------------|----------|--------------------|---------------------|--------------------|--------------------|--|--|
| ending 2020          |   | nominal                           | values                       |                    | actuar   | ial present valu   | ue adjustments (    | apvs)              |                    |  |  |
| Acc Yr               | Case  | IBNR F                            | Retro Claims<br>ee & Expense | Total Unpaid       | discount | investment<br>PfAD | development<br>PfAD | Total apvs         | TOTAL              |  |  |
| prior                | -   | 3                                 | -                            | 3                  | -        | -                  | -                   | -                  | 3                  |  |  |
| 2001                 | -   | 1                                 | -                            | 1                  | -        | -                  | -                   | -                  | 1                  |  |  |
| 2002                 | -   | -                                 | -                            | -                  | -        | -                  | -                   | -                  | -                  |  |  |
| 2003                 | -   | 1                                 | -                            | 1                  | -        | -                  | -                   | -                  | 1                  |  |  |
| 2004                 | -   | -                                 | -                            | -                  | -        | -                  | -                   | -                  | -                  |  |  |
| 2005                 | -   | -                                 | -                            | -                  | -        | -                  | -                   | -                  | -                  |  |  |
| 2006                 | -   | -                                 | -                            | -                  | -        | -                  | -                   | -                  | -                  |  |  |
| 2007                 | -   | -                                 | -                            | -                  | -        | -                  | -                   | -                  | -                  |  |  |
| 2008                 | -   | (1)                               | -                            | (1)                | -        | -                  | -                   | -                  | (1                 |  |  |
| 2009                 | -   | -                                 | 12                           | 12                 | -        | -                  | 1                   | 1                  | 13                 |  |  |
| 2010                 | -   | -                                 | 1                            | 1                  | -        | -                  | -                   | -                  | 1                  |  |  |
| 2011                 | -   | 1                                 | 2                            | 3                  | -        | -                  | -                   | -                  | 3                  |  |  |
| 2012                 | -   | 2                                 | 3                            | 5                  | -        | -                  | -                   | -                  | 5                  |  |  |
| 2013                 | -   | 4                                 | 4                            | 8                  | -        | -                  | -                   | -                  | 8                  |  |  |
| 2014                 | -   | 7                                 | 5                            | 12                 | -        | -                  | 2                   | 2                  | 14                 |  |  |
| 2015                 | -   | 17                                | (17)                         | -                  | -        | -                  | 3                   | 3                  | 3                  |  |  |
| 2016                 | -   | 23                                | (3)                          | 20                 | -        | -                  | 3                   | 3                  | 23                 |  |  |
| 2017                 | 820   | 34                                | 1                            | 855                | (13)     | 5                  | 108                 | 100                | 955                |  |  |
| 2018                 | -   | 93                                | 5                            | 98                 | (1)      | 1                  | 12                  | 12                 | 110                |  |  |
| 2019                 | 49  | 88                                | -                            | 137                | (3)      | 1                  | 17                  | 15                 | 152                |  |  |
| PAYs (sub-total):    | 869   | 273                               | 13                           | 1,155              | (17)     | 7                  | 146                 | 136                | 1,291              |  |  |
| CAY (2020)           | (52)  | 169                               | (4)                          | 113                | (2)      | 1                  | 15                  | 14_                | 127                |  |  |
| claims liabilities:  | 817   | 442                               | 9                            | 1,268              | (19)     | 8                  | 161                 | 150                | 1,418              |  |  |
|                      | Unearned<br>Premium                                     | Premium<br>Deficiency /<br>(DPAC) |                              | Total<br>Provision | discount | investment<br>PfAD | development<br>PfAD | Total apvs         | TOTAL*             |  |  |
| premium liabilities: | 220   | (24)                              |                              | 196                | (3)      | 1                  | 14                  | 12                 | 196                |  |  |
|                      |   |                                   |                              |                    |          | *Total may not     | be sum of parts, as | apvs apply to futu | re costs within UP |  |  |
| policy liabilities:  |   |                                   |                              | 1,464              | (22)     | 9                  | 175                 | 162                | 1,614              |  |  |



### 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.

page 8 of 10

### **Northwest Territories**

| Private Passenger    | Northwest Territories - Projected Balances as at Dec. 31, 2020 (\$000s) |                                   |                               |                    |          |  |                     |                     |                   |  |  |
|----------------------|---|-----------------------------------|-------------------------------|--------------------|----------|--|---------------------|---------------------|-------------------|--|--|
| ending 2020          |   | nomina                            | l values                      |                    | actuai   | actuarial present value adjustments (apvs) |                     |                     |                   |  |  |
| Acc Yr               | Case  | IBNR                              | Retro Claims<br>Fee & Expense | Total Unpaid       | discount | investment<br>PfAD                         | development<br>PfAD | Total apvs          | TOTAL             |  |  |
| 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                 | -   | -                                 | -                             | -                  | -        | -  | -                   | -                   | -                 |  |  |
| 2010                 | -   | (1)                               | 8                             | 7                  | -        | -  | 1                   | 1                   | 3                 |  |  |
| 2011                 | -   | (1)                               | 10                            | 9                  | -        | -  | 1                   | 1                   | 10                |  |  |
| 2012                 | -   | 5                                 | 13                            | 18                 | -        | -  | 2                   | 2                   | 20                |  |  |
| 2013                 | -   | 6                                 | 17                            | 23                 | -        | -  | 3                   | 3                   | 26                |  |  |
| 2014                 | -   | 8                                 | 20                            | 28                 | -        | -  | 3                   | 3                   | 31                |  |  |
| 2015                 | -   | 28                                | (1)                           | 27                 | -        | -  | 5                   | 5                   | 32                |  |  |
| 2016                 | -   | 49                                | 21                            | 70                 | (1)      | -  | 7                   | 6                   | 76                |  |  |
| 2017                 | 453   | 93                                | 9                             | 555                | (8)      | 3  | 75                  | 70                  | 625               |  |  |
| 2018                 | 54  | 304                               | -                             | 358                | (6)      | 3  | 48                  | 45                  | 403               |  |  |
| 2019                 | 122   | 342                               | 9                             | 473                | (9)      | 3  | 64                  | 58                  | 531               |  |  |
| PAYs (sub-total):    | 629   | 831                               | 106                           | 1,566              | (24)     | 9  | 209                 | 194                 | 1,760             |  |  |
| CAY (2020)           | 366   | 329                               | (42)                          | 653                | (12)     | 5  | 89                  | 82                  | 735               |  |  |
| claims liabilities:  | 995   | 1,160                             | 64                            | 2,219              | (36)     | 14   | 298                 | 276                 | 2,495             |  |  |
|                      | Unearned<br>Premium   | Premium<br>Deficiency /<br>(DPAC) |                               | Total<br>Provision | discount | investment<br>PfAD                         | development<br>PfAD | Total apvs          | TOTAL*            |  |  |
| premium liabilities: | 1,003   | (109)                             |                               | 894                | (6)      | 2  | 44                  | 40                  | 894               |  |  |
|                      |   |                                   |                               |                    |          | *Total may not                             | be sum of parts, as | apvs apply to futur | e costs within UP |  |  |
| policy liabilities:  |   |                                   |                               | 3,113              | (42)     | 16   | 342                 | 316                 | 3,389             |  |  |



# 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.

page 9 of 10

### Nunavut

| Private Passenger    | Nunavut - Projected Balances as at Dec. 31, 2020 (\$000s) |                                   |                               |                    |  |                    |                     |                      |                   |  |  |
|----------------------|---|-----------------------------------|-------------------------------|--------------------|--|--------------------|---------------------|----------------------|-------------------|--|--|
| ending 2020          |   | nomin                             | al values                     |                    | actuarial present value adjustments (apvs) |                    |                     |                      |                   |  |  |
| Acc Yr               | Case  | IBNR                              | Retro Claims<br>Fee & Expense | Total Unpaid       | discount                                   | investment<br>PfAD | development<br>PfAD | Total apvs           | TOTAL             |  |  |
| prior                | -   | -                                 | -                             | -                  | -  | -                  | -                   | -                    | -                 |  |  |
| 2001                 | -   | -                                 | -                             | -                  | -  | -                  | -                   | -                    | -                 |  |  |
| 2002                 | -   | (1                                | -                             | (1)                | -  | -                  | -                   | -                    | (1                |  |  |
| 2003                 | -   | -                                 | -                             | -                  | -  | -                  | -                   | -                    | -                 |  |  |
| 2004                 | -   | -                                 | -                             | -                  | -  | -                  | -                   | -                    | -                 |  |  |
| 2005                 | -   | -                                 | -                             | -                  | -  | -                  | -                   | -                    | -                 |  |  |
| 2006                 | -   | -                                 | -                             | -                  | -  | -                  | -                   | -                    | -                 |  |  |
| 2007                 | -   | -                                 | -                             | -                  | -  | -                  | -                   | -                    | -                 |  |  |
| 2008                 | -   | 1                                 | -                             | 1                  | -  | -                  | -                   | -                    | 1                 |  |  |
| 2009                 | -   | -                                 | -                             | -                  | -  | -                  | -                   | -                    | -                 |  |  |
| 2010                 | -   | -                                 | 2                             | 2                  | -  | -                  | -                   | -                    | 2                 |  |  |
| 2011                 | -   | -                                 | 2                             | 2                  | -  | -                  | -                   | -                    | 2                 |  |  |
| 2012                 | 154   | 1                                 | 4                             | 159                | (1)  | -                  | 15                  | 14                   | 173               |  |  |
| 2013                 | -   | 1                                 | 5                             | 6                  | -  | -                  | 1                   | 1                    | 7                 |  |  |
| 2014                 | -   | 1                                 | 5                             | 6                  | -  | -                  | 1                   | 1                    | 7                 |  |  |
| 2015                 | -   | 3                                 | 5                             | 8                  | -  | -                  | 1                   | 1                    | 9                 |  |  |
| 2016                 | -   | 10                                | 4                             | 14                 | -  | -                  | 1                   | 1                    | 15                |  |  |
| 2017                 | -   | 16                                | 2                             | 18                 | -  | -                  | 2                   | 2                    | 20                |  |  |
| 2018                 | -   | 13                                | -                             | 13                 | -  | -                  | 2                   | 2                    | 15                |  |  |
| 2019                 | -   | 26                                | 1                             | 27                 | -  | -                  | 3                   | 3                    | 30                |  |  |
| PAYs (sub-total):    | 154   | 71                                | 30                            | 255                | (1)  | -                  | 26                  | 25                   | 280               |  |  |
| CAY (2020)           | 7   | 22                                | (5)                           | 24                 | (1)  | -                  | 3                   | 2                    | 26                |  |  |
| claims liabilities:  | 161   | 93                                | 25                            | 279                | (2)  | -                  | 29                  | 27                   | 306               |  |  |
|                      | Unearned<br>Premium                                       | Premium<br>Deficiency /<br>(DPAC) |                               | Total<br>Provision | discount                                   | investment<br>PfAD | development<br>PfAD | Total apvs           | TOTAL*            |  |  |
| premium liabilities: | 85  | (9                                | )                             | 76                 | -  | -                  | 2                   | 2                    | 76                |  |  |
|                      |   |                                   |                               |                    |  | *Total may not     | be sum of parts, as | apvs apply to future | e costs within UP |  |  |
| policy liabilities:  |   |                                   |                               | 355                | (2)  | _                  | 31                  | 29                   | 382               |  |  |



# 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.

page 10 of 10

### **All Jurisdictions**

| Private Passenger    | ALL JURISDICTIONS - Projected Balances as at Dec. 31, 2020 (\$000s) |                                   |                               |                    |  |                    |                     |                   |                 |  |  |
|----------------------|---|-----------------------------------|-------------------------------|--------------------|--|--------------------|---------------------|-------------------|-----------------|--|--|
| ending 2020          |   | nomina                            | al values                     |                    | actuarial present value adjustments (apvs) |                    |                     |                   |                 |  |  |
| Acc Yr               | Case  | IBNR                              | Retro Claims<br>Fee & Expense | Total Unpaid       | discount                                   | investment<br>PfAD | development<br>PfAD | Total apvs        | TOTAL           |  |  |
| prior                | 4,955   | 3,485                             | (11)                          | 8,429              | (92)                                       | 38                 | 863                 | 809               | 9,238           |  |  |
| 2001                 | 2   | 14                                | (7)                           | 9                  | -  | -                  | 3                   | 3                 | 12              |  |  |
| 2002                 | 424   | (18)                              | 82                            | 488                | (10)                                       | 4                  | 52                  | 46                | 534             |  |  |
| 2003                 | 2,203   | 42                                | 428                           | 2,673              | (58)                                       | 22                 | 263                 | 227               | 2,900           |  |  |
| 2004                 | 1,265   | 208                               | 457                           | 1,930              | (51)                                       | 20                 | 196                 | 165               | 2,095           |  |  |
| 2005                 | 3   | -                                 | 253                           | 256                | -  | -                  | 35                  | 35                | 291             |  |  |
| 2006                 | 259   | (1)                               | 279                           | 537                | (16)                                       | 6                  | 53                  | 43                | 580             |  |  |
| 2007                 | 1,875   | 205                               | 365                           | 2,445              | (83)                                       | 30                 | 242                 | 189               | 2,634           |  |  |
| 2008                 | 246   | 182                               | 307                           | 735                | (25)                                       | 7                  | 73                  | 55                | 790             |  |  |
| 2009                 | 353   | 138                               | 366                           | 857                | (33)                                       | 13                 | 86                  | 66                | 923             |  |  |
| 2010                 | 700   | (21)                              | 357                           | 1,036              | (33)                                       | 12                 | 103                 | 82                | 1,118           |  |  |
| 2011                 | 1,404   | 145                               | 508                           | 2,057              | (82)                                       | 31                 | 198                 | 147               | 2,204           |  |  |
| 2012                 | 2,838   | (7)                               | 529                           | 3,360              | (122)                                      | 45                 | 322                 | 245               | 3,605           |  |  |
| 2013                 | 1,704   | 122                               | 717                           | 2,543              | (66)                                       | 25                 | 250                 | 209               | 2,752           |  |  |
| 2014                 | 6,800   | 58                                | 823                           | 7,681              | (151)                                      | 58                 | 785                 | 692               | 8,373           |  |  |
| 2015                 | 6,222   | 77                                | 997                           | 7,296              | (114)                                      | 41                 | 774                 | 701               | 7,997           |  |  |
| 2016                 | 9,009   | 750                               | 998                           | 10,757             | (150)                                      | 55                 | 1,173               | 1,078             | 11,835          |  |  |
| 2017                 | 7,924   | 2,346                             | 903                           | 11,173             | (160)                                      | 58                 | 1,393               | 1,291             | 12,464          |  |  |
| 2018                 | 11,757  | 5,207                             | 1,191                         | 18,155             | (287)                                      | 118                | 2,217               | 2,048             | 20,203          |  |  |
| 2019                 | 22,555  | 7,092                             | 1,822                         | 31,469             | (567)                                      | 222                | 4,018               | 3,673             | 35,142          |  |  |
| PAYs (sub-total):    | 82,498  | 20,024                            | 11,364                        | 113,886            | (2,100)                                    | 805                | 13,099              | 11,804            | 125,690         |  |  |
| CAY (2020)           | 26,278  | 20,647                            | 641                           | 47,566             | (898)                                      | 318                | 6,203               | 5,623             | 53,189          |  |  |
| claims liabilities:  | 108,776   | 40,671                            | 12,005                        | 161,452            | (2,998)                                    | 1,123              | 19,302              | 17,427            | 178,879         |  |  |
|                      | Unearned<br>Premium   | Premium<br>Deficiency /<br>(DPAC) |                               | Total<br>Provision | discount                                   | investment<br>PfAD | development<br>PfAD | Total apvs        | TOTAL*          |  |  |
| premium liabilities: | 64,586  | (5,692)                           | <u> </u>                      | 58,894             | (644)                                      | 242                | 3,807               | 3,405             | 58,894          |  |  |
|                      |   |                                   |                               |                    | *Total                                     | may not be sur     | n of parts, as apv  | s apply to future | costs within UP |  |  |
| policy liabilities:  |   |                                   |                               | 220,346            | (3,642)                                    | 1,365              | 23,109              | 20.832            | 237,773         |  |  |



# 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.

page 1 of 10

## Newfoundland & Labrador

| Non Private Passenger |                     |                                   | Newlound                      | ilaliu & Labiaudi - | Projected Balanc | es as at Dec. 5.   | 1, 2020 (30005)     |                    |                   |
|-----------------------|---------------------|-----------------------------------|-------------------------------|---------------------|------------------|--------------------|---------------------|--------------------|-------------------|
| ending 2020           |                     | nomin                             | al values                     |                     | actuar           | ial present val    | ue adjustments (    | apvs)              |                   |
| Acc Yr                | Case                | IBNR                              | Retro Claims<br>Fee & Expense | Total Unpaid        | discount         | investment<br>PfAD | development<br>PfAD | Total apvs         | TOTAL             |
| prior                 | -                   | (1)                               | -                             | (1)                 | -                | -                  | -                   | -                  | (                 |
| 2001                  | -                   | 1                                 | (1)                           | -                   | -                | -                  | -                   | -                  | -                 |
| 2002                  | -                   | 1                                 | -                             | 1                   | -                | -                  | -                   | -                  |                   |
| 2003                  | -                   | (1)                               | -                             | (1)                 | -                | -                  | -                   | -                  | (                 |
| 2004                  | -                   | (1)                               | -                             | (1)                 | -                | -                  | -                   | -                  | (                 |
| 2005                  | -                   | 2                                 | 2                             | 4                   | -                | -                  | -                   | -                  |                   |
| 2006                  | -                   | 3                                 | 1                             | 4                   | -                | -                  | -                   | -                  |                   |
| 2007                  | -                   | (1)                               | 3                             | 2                   | -                | -                  | -                   | -                  |                   |
| 2008                  | -                   | -                                 | 7                             | 7                   | -                | -                  | 1                   | 1                  |                   |
| 2009                  | -                   | 3                                 | 9                             | 12                  | -                | -                  | 1                   | 1                  | 1                 |
| 2010                  | -                   | 2                                 | 18                            | 20                  | -                | -                  | 2                   | 2                  | 2                 |
| 2011                  | 510                 | 1                                 | 27                            | 538                 | (28)             | 11                 | 51                  | 34                 | 57                |
| 2012                  | 1                   | (9)                               | 33                            | 25                  | (2)              | 1                  | 4                   | 3                  | 2                 |
| 2013                  | -                   | 2                                 | 33                            | 35                  | -                | -                  | 3                   | 3                  | 3                 |
| 2014                  | 12                  | -                                 | 56                            | 68                  | (1)              | 1                  | 7                   | 7                  | 7.                |
| 2015                  | 626                 | (199)                             | 98                            | 525                 | (9)              | 4                  | 56                  | 51                 | 57                |
| 2016                  | 1,065               | (146)                             | 104                           | 1,023               | (12)             | 5                  | 113                 | 106                | 1,12              |
| 2017                  | 1,539               | 206                               | 84                            | 1,829               | (22)             | 9                  | 197                 | 184                | 2,01              |
| 2018                  | 1,972               | 265                               | 161                           | 2,398               | (28)             | 11                 | 255                 | 238                | 2,63              |
| 2019                  | 3,135               | 275                               | 179                           | 3,589               | (42)             | 14                 | 383                 | 355                | 3,94              |
| PAYs (sub-total):     | 8,860               | 403                               | 814                           | 10,077              | (144)            | 56                 | 1,073               | 985                | 11,06             |
| CAY (2020)            | 2,817               | 1,258                             | 1                             | 4,076               | (61)             | 24                 | 442                 | 405                | 4,48              |
| claims liabilities:   | 11,677              | 1,661                             | 815                           | 14,153              | (205)            | 80                 | 1,515               | 1,390              | 15,54             |
|                       | Unearned<br>Premium | Premium<br>Deficiency /<br>(DPAC) |                               | Total<br>Provision  | discount         | investment<br>PfAD | development<br>PfAD | Total apvs         | TOTAL*            |
| premium liabilities:  | 4,277               | (312)                             |                               | 3,965               | (43)             | 16                 | 237                 | 210                | 3,96              |
|                       |                     |                                   |                               |                     |                  | *Total may not     | be sum of parts, as | apvs apply to futu | re costs within U |
| policy liabilities:   |                     |                                   |                               | 18,118              | (248)            | 96                 | 1,752               | 1,600              | 19,50             |



## 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.

page 2 of 10

## **New Brunswick**

| Non Private Passenger |                     |                                   | New                           | Brunswick - Proje  | ected 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<br>Fee & Expense | Total Unpaid       | discount          | investment<br>PfAD | development<br>PfAD | Total apvs          | TOTAL              |
| prior                 | -                   | (6)                               | -                             | (6)                | -                 | -                  | -                   | -                   | (6                 |
| 2001                  | 24                  | 142                               | -                             | 166                | -                 | -                  | 17                  | 17                  | 183                |
| 2002                  | -                   | 5                                 | -                             | 5                  | -                 | -                  | 1                   | 1                   | 6                  |
| 2003                  | -                   | (2)                               | 1                             | (1)                | -                 | -                  | -                   | -                   | (1                 |
| 2004                  | -                   | -                                 | -                             | -                  | -                 | -                  | -                   | -                   | -                  |
| 2005                  | -                   | (6)                               | (3)                           | (9)                | -                 | -                  | 1                   | 1                   | (8                 |
| 2006                  | -                   | (5)                               | 10                            | 5                  | -                 | -                  | 1                   | 1                   | 6                  |
| 2007                  | -                   | 3                                 | 16                            | 19                 | -                 | -                  | 2                   | 2                   | 21                 |
| 2008                  | 30                  | 1                                 | 17                            | 48                 | (2)               | -                  | 5                   | 3                   | 51                 |
| 2009                  | 82                  | (6)                               | -                             | 76                 | (3)               | 1                  | 8                   | 6                   | 82                 |
| 2010                  | 97                  | 3                                 | 24                            | 124                | (6)               | 2                  | 12                  | 8                   | 132                |
| 2011                  | 93                  | (5)                               | 42                            | 130                | (6)               | 2                  | 13                  | 9                   | 139                |
| 2012                  | 417                 | 2                                 | 71                            | 490                | (12)              | 5                  | 48                  | 41                  | 531                |
| 2013                  | 986                 | 88                                | 69                            | 1,143              | (24)              | 10                 | 112                 | 98                  | 1,241              |
| 2014                  | -                   | 2                                 | 73                            | 75                 | -                 | -                  | 7                   | 7                   | 82                 |
| 2015                  | 639                 | 168                               | 118                           | 925                | (14)              | 5                  | 95                  | 86                  | 1,011              |
| 2016                  | 496                 | 134                               | 99                            | 729                | (12)              | 5                  | 81                  | 74                  | 803                |
| 2017                  | 943                 | 140                               | 98                            | 1,181              | (21)              | 9                  | 160                 | 148                 | 1,329              |
| 2018                  | 1,450               | 611                               | 100                           | 2,161              | (46)              | 17                 | 290                 | 261                 | 2,422              |
| 2019                  | 3,674               | 481                               | 189                           | 4,344              | (108)             | 44                 | 569                 | 505                 | 4,849              |
| PAYs (sub-total):     | 8,931               | 1,750                             | 924                           | 11,605             | (254)             | 100                | 1,422               | 1,268               | 12,873             |
| CAY (2020)            | 3,793               | 1,290                             | 107                           | 5,190              | (124)             | 47                 | 646                 | 569                 | 5,759              |
| claims liabilities:   | 12,724              | 3,040                             | 1,031                         | 16,795             | (378)             | 147                | 2,068               | 1,837               | 18,632             |
|                       | Unearned<br>Premium | Premium<br>Deficiency /<br>(DPAC) |                               | Total<br>Provision | discount          | investment<br>PfAD | development<br>PfAD | Total apvs          | TOTAL*             |
| premium liabilities:  | 6,643               | (512)                             |                               | 6,131              | (69)              | 23                 | 335                 | 289                 | 6,131              |
|                       |                     |                                   |                               |                    |                   | *Total may not     | be sum of parts, as | apvs apply to futur | e costs within UPI |
| policy liabilities:   |                     |                                   |                               | 22,926             | (447)             | 170                | 2,403               | 2,126               | 24,763             |



## 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.

page 3 of 10

## **Nova Scotia**

| Non Private Passenger |                     |                                   | No                            | va Scotia - Project | ed Balances as at | Dec. 31, 2020 (    | \$000s)             |                     |                   |
|-----------------------|---------------------|-----------------------------------|-------------------------------|---------------------|-------------------|--------------------|---------------------|---------------------|-------------------|
| ending 2020           |                     | nomina                            | l values                      |                     | actuar            | ial present val    | ue adjustments (    | apvs)               |                   |
| Acc Yr                | Case                | IBNR                              | Retro Claims<br>Fee & Expense | Total Unpaid        | discount          | investment<br>PfAD | development<br>PfAD | Total apvs          | TOTAL             |
| prior                 | -                   | 6                                 | -                             | 6                   | -                 | -                  | -                   | -                   | 6                 |
| 2001                  | -                   | 1                                 | -                             | 1                   | -                 | -                  | -                   | -                   | 1                 |
| 2002                  | -                   | 2                                 | -                             | 2                   | -                 | -                  | -                   | -                   | 2                 |
| 2003                  | -                   | (5)                               | -                             | (5)                 | -                 | -                  | 1                   | 1                   | (4                |
| 2004                  | -                   | 5                                 | -                             | 5                   | -                 | -                  | 1                   | 1                   | $\epsilon$        |
| 2005                  | -                   | 3                                 | 7                             | 10                  | -                 | -                  | 1                   | 1                   | 11                |
| 2006                  | -                   | (1)                               | 6                             | 5                   | -                 | -                  | 1                   | 1                   | $\epsilon$        |
| 2007                  | -                   | (4)                               | 8                             | 4                   | -                 | -                  | 1                   | 1                   | 5                 |
| 2008                  | -                   | (4)                               | 11                            | 7                   | -                 | -                  | 1                   | 1                   | 8                 |
| 2009                  | -                   | (6)                               | 16                            | 10                  | -                 | -                  | 3                   | 3                   | 13                |
| 2010                  | -                   | (1)                               | 26                            | 25                  | -                 | -                  | 3                   | 3                   | 28                |
| 2011                  | -                   | 2                                 | 31                            | 33                  | (1)               | -                  | 3                   | 2                   | 35                |
| 2012                  | -                   | (3)                               | 57                            | 54                  | -                 | -                  | 6                   | 6                   | 60                |
| 2013                  | 1,573               | (139)                             | 72                            | 1,506               | (56)              | 21                 | 145                 | 110                 | 1,616             |
| 2014                  | 679                 | 11                                | 90                            | 780                 | (16)              | 7                  | 77                  | 68                  | 848               |
| 2015                  | 122                 | 23                                | 19                            | 164                 | (5)               | 2                  | 22                  | 19                  | 183               |
| 2016                  | 1,404               | 166                               | 98                            | 1,668               | (24)              | 9                  | 203                 | 188                 | 1,856             |
| 2017                  | 1,560               | 211                               | 67                            | 1,838               | (26)              | 10                 | 244                 | 228                 | 2,066             |
| 2018                  | 2,006               | 520                               | 89                            | 2,615               | (37)              | 14                 | 324                 | 301                 | 2,916             |
| 2019                  | 3,360               | 449                               | 133                           | 3,942               | (68)              | 24                 | 515                 | 471                 | 4,413             |
| PAYs (sub-total):     | 10,704              | 1,236                             | 730                           | 12,670              | (233)             | 87                 | 1,551               | 1,405               | 14,075            |
| CAY (2020)            | 4,334               | 3,250                             | 52                            | 7,636               | (138)             | 54                 | 966                 | 882                 | 8,518             |
| claims liabilities:   | 15,038              | 4,486                             | 782                           | 20,306              | (371)             | 141                | 2,517               | 2,287               | 22,593            |
|                       | Unearned<br>Premium | Premium<br>Deficiency /<br>(DPAC) |                               | Total<br>Provision  | discount          | investment<br>PfAD | development<br>PfAD | Total apvs          | TOTAL*            |
| premium liabilities:  | 10,131              | (750)                             | -                             | 9,381               | (90)              | 35                 | 540                 | 485                 | 9,381             |
|                       |                     | , ,                               |                               |                     |                   | *Total may not     | be sum of parts, as | apvs apply to futur | e costs within UP |
| policy liabilities:   |                     |                                   |                               | 29,687              | (461)             | 176                | 3,057               | 2,772               | 31,974            |



## 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.

page 4 of 10

## **Prince Edward Island**

| Non Private Passenger |                     |                                   | Prince I                      | dward Island - Pr  | 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<br>Fee & Expense | Total Unpaid       | discount         | investment<br>PfAD | development<br>PfAD | Total apvs         | TOTAL               |
| prior                 | -                   | -                                 | -                             | -                  | -                | -                  | -                   | -                  | -                   |
| 2001                  | -                   | 1                                 | -                             | 1                  | -                | -                  | -                   | -                  | 1                   |
| 2002                  | -                   | (1)                               | -                             | (1)                | -                | -                  | -                   | -                  | (1                  |
| 2003                  | -                   | (1)                               | -                             | (1)                | -                | -                  | -                   | -                  | (1                  |
| 2004                  | -                   | -                                 | -                             | -                  | -                | -                  | -                   | -                  | -                   |
| 2005                  | -                   | -                                 | 1                             | 1                  | -                | -                  | -                   | -                  | 1                   |
| 2006                  | -                   | -                                 | 3                             | 3                  | -                | -                  | -                   | -                  | 3                   |
| 2007                  | -                   | -                                 | 1                             | 1                  | -                | -                  | -                   | -                  | 1                   |
| 2008                  | -                   | -                                 | 2                             | 2                  | -                | -                  | -                   | -                  | 2                   |
| 2009                  | -                   | -                                 | -                             | -                  | -                | -                  | -                   | -                  | -                   |
| 2010                  | -                   | (1)                               | 6                             | 5                  | -                | -                  | 1                   | 1                  | 6                   |
| 2011                  | -                   | 1                                 | 9                             | 10                 | -                | -                  | 1                   | 1                  | 11                  |
| 2012                  | 290                 | -                                 | 12                            | 302                | (17)             | 6                  | 28                  | 17                 | 319                 |
| 2013                  | 45                  | 1                                 | 17                            | 63                 | (1)              | -                  | 7                   | 6                  | 69                  |
| 2014                  | 107                 | (1)                               | 9                             | 115                | (7)              | 2                  | 11                  | 6                  | 121                 |
| 2015                  | (1)                 | 21                                | 20                            | 40                 | (2)              | -                  | 8                   | 6                  | 46                  |
| 2016                  | 989                 | 46                                | 48                            | 1,083              | (33)             | 11                 | 108                 | 86                 | 1,169               |
| 2017                  | (37)                | 349                               | 22                            | 334                | (6)              | 2                  | 38                  | 34                 | 368                 |
| 2018                  | 70                  | 436                               | (2)                           | 504                | (8)              | 3                  | 60                  | 55                 | 559                 |
| 2019                  | 448                 | 495                               | 23                            | 966                | (13)             | 5                  | 119                 | 111                | 1,077               |
| PAYs (sub-total):     | 1,911               | 1,346                             | 171                           | 3,428              | (87)             | 29                 | 381                 | 323                | 3,751               |
| CAY (2020)            | 409                 | 1,032                             | 8                             | 1,449              | (22)             | 9                  | 184                 | 171                | 1,620               |
| claims liabilities:   | 2,320               | 2,378                             | 179                           | 4,877              | (109)            | 38                 | 565                 | 494                | 5,371               |
|                       | Unearned<br>Premium | Premium<br>Deficiency /<br>(DPAC) |                               | Total<br>Provision | discount         | investment<br>PfAD | development<br>PfAD | Total apvs         | TOTAL*              |
| premium liabilities:  | 1,544               | (120)                             |                               | 1,424              | (14)             | 5                  | 93                  | 84                 | 1,424               |
|                       |                     |                                   |                               |                    |                  | *Total may not     | be sum of parts, as | apvs apply to futu | re costs within UPI |
| policy liabilities:   |                     |                                   |                               | 6,301              | (123)            | 43                 | 658                 | 578                | 6,795               |



# 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.

page 5 of 10

## **Ontario**

| Non Private Passenger |                     |                                   |                               | Ontario - Projecteo | d Balances as at D | ec. 31, 2020 (\$0  | 000s)               |                     |                    |
|-----------------------|---------------------|-----------------------------------|-------------------------------|---------------------|--------------------|--------------------|---------------------|---------------------|--------------------|
| ending 2020           |                     | nomina                            | al values                     |                     | actuar             | ial present val    | ue adjustments (    | apvs)               |                    |
| Acc Yr                | Case                | IBNR                              | Retro Claims<br>Fee & Expense | Total Unpaid        | discount           | investment<br>PfAD | development<br>PfAD | Total apvs          | TOTAL              |
| prior                 | 283                 | 13                                | (1)                           | 295                 | -                  | -                  | 32                  | 32                  | 327                |
| 2001                  | -                   | (6)                               | (1)                           | (7)                 | -                  | -                  | 1                   | 1                   | (6                 |
| 2002                  | -                   | 7                                 | 24                            | 31                  | -                  | -                  | 3                   | 3                   | 34                 |
| 2003                  | -                   | (12)                              | 61                            | 49                  | -                  | -                  | 7                   | 7                   | 56                 |
| 2004                  | 1                   | (25)                              | 74                            | 50                  | -                  | -                  | 9                   | 9                   | 59                 |
| 2005                  | -                   | (1)                               | 68                            | 67                  | -                  | -                  | 7                   | 7                   | 74                 |
| 2006                  | 3                   | (88)                              | 100                           | 15                  | -                  | -                  | 19                  | 19                  | 34                 |
| 2007                  | 1                   | (2)                               | 112                           | 111                 | -                  | -                  | 11                  | 11                  | 122                |
| 2008                  | (1)                 | 22                                | 80                            | 101                 | (5)                | 2                  | 10                  | 7                   | 108                |
| 2009                  | 53                  | 9                                 | 145                           | 207                 | (9)                | 3                  | 20                  | 14                  | 221                |
| 2010                  | 28                  | 8                                 | 157                           | 193                 | (12)               | 5                  | 19                  | 12                  | 205                |
| 2011                  | 788                 | 49                                | 254                           | 1,091               | (24)               | 9                  | 106                 | 91                  | 1,182              |
| 2012                  | 59                  | 406                               | 181                           | 646                 | (7)                | 3                  | 64                  | 60                  | 706                |
| 2013                  | 2,565               | (35)                              | 567                           | 3,097               | (59)               | 22                 | 304                 | 267                 | 3,364              |
| 2014                  | 1,903               | (183)                             | 677                           | 2,397               | (29)               | 10                 | 237                 | 218                 | 2,615              |
| 2015                  | 6,944               | (49)                              | 973                           | 7,868               | (123)              | 46                 | 812                 | 735                 | 8,603              |
| 2016                  | 4,402               | 735                               | 815                           | 5,952               | (84)               | 30                 | 618                 | 564                 | 6,516              |
| 2017                  | 4,147               | 1,053                             | 944                           | 6,144               | (86)               | 31                 | 787                 | 732                 | 6,876              |
| 2018                  | 7,381               | 2,935                             | 1,417                         | 11,733              | (193)              | 72                 | 1,559               | 1,438               | 13,171             |
| 2019                  | 13,143              | 6,374                             | 2,970                         | 22,487              | (428)              | 158                | 3,477               | 3,207               | 25,694             |
| PAYs (sub-total):     | 41,700              | 11,210                            | 9,617                         | 62,527              | (1,059)            | 391                | 8,102               | 7,434               | 69,961             |
| CAY (2020)            | 13,144              | 15,987                            | 1,393                         | 30,524              | (611)              | 213                | 4,794               | 4,396               | 34,920             |
| claims liabilities:   | 54,844              | 27,197                            | 11,010                        | 93,051              | (1,670)            | 604                | 12,896              | 11,830              | 104,881            |
|                       | Unearned<br>Premium | Premium<br>Deficiency /<br>(DPAC) |                               | Total<br>Provision  | discount           | investment<br>PfAD | development<br>PfAD | Total apvs          | TOTAL*             |
| premium liabilities:  | 53,244              | (3,301)                           |                               | 49,943              | (417)              | 149                | 2,086               | 1,818               | 49,943             |
|                       |                     |                                   |                               |                     |                    | *Total may not     | be sum of parts, as | apvs apply to futur | e costs within UPI |
| policy liabilities:   |                     |                                   |                               | 142,994             | (2,087)            | 753                | 14,982              | 13,648              | 154,824            |



## 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.

page 6 of 10

## Alberta

| Non Private Passenger |                     |                                   |                               | Alberta - Projecte | d Balances as at D | ec. 31, 2020 (\$0  | 00s)                |                     |                    |
|-----------------------|---------------------|-----------------------------------|-------------------------------|--------------------|--------------------|--------------------|---------------------|---------------------|--------------------|
| ending 2020           |                     | nomina                            | al values                     |                    | actuar             | ial present val    | ue adjustments (    | apvs)               |                    |
| Acc Yr                | Case                | IBNR                              | Retro Claims<br>Fee & Expense | Total Unpaid       | discount           | investment<br>PfAD | development<br>PfAD | Total apvs          | TOTAL              |
| prior                 | 3                   | 10                                | (2)                           | 11                 | -                  | -                  | 5                   | 5                   | 16                 |
| 2001                  | 2                   | 9                                 | -                             | 11                 | -                  | -                  | 1                   | 1                   | 12                 |
| 2002                  | -                   | 5                                 | 1                             | 6                  | -                  | -                  | 1                   | 1                   | 7                  |
| 2003                  | -                   | (5)                               | 5                             | -                  | -                  | -                  | 2                   | 2                   | 2                  |
| 2004                  | 32                  | 19                                | 1                             | 52                 | (1)                | 1                  | 5                   | 5                   | 57                 |
| 2005                  | -                   | (3)                               | 21                            | 18                 | -                  | -                  | 2                   | 2                   | 20                 |
| 2006                  | (3)                 | (23)                              | 25                            | (1)                | -                  | -                  | 6                   | 6                   | 5                  |
| 2007                  | 28                  | 9                                 | 297                           | 334                | (2)                | 1                  | 34                  | 33                  | 367                |
| 2008                  | 3                   | 12                                | 291                           | 306                | -                  | -                  | 31                  | 31                  | 337                |
| 2009                  | 41                  | 5                                 | 210                           | 256                | (12)               | 5                  | 25                  | 18                  | 274                |
| 2010                  | -                   | 6                                 | 78                            | 84                 | -                  | -                  | 9                   | 9                   | 93                 |
| 2011                  | 1,125               | (73)                              | 31                            | 1,083              | (49)               | 19                 | 103                 | 73                  | 1,156              |
| 2012                  | 636                 | 7                                 | 123                           | 766                | (18)               | 7                  | 74                  | 63                  | 829                |
| 2013                  | 1,890               | 148                               | 157                           | 2,195              | (53)               | 19                 | 215                 | 181                 | 2,376              |
| 2014                  | 727                 | 279                               | 230                           | 1,236              | (20)               | 7                  | 122                 | 109                 | 1,345              |
| 2015                  | 4,143               | 638                               | 219                           | 5,000              | (56)               | 20                 | 501                 | 465                 | 5,465              |
| 2016                  | 3,778               | 1,528                             | 181                           | 5,487              | (72)               | 28                 | 602                 | 558                 | 6,045              |
| 2017                  | 5,813               | 2,291                             | 264                           | 8,368              | (126)              | 51                 | 1,047               | 972                 | 9,340              |
| 2018                  | 11,904              | 4,348                             | 1,055                         | 17,307             | (282)              | 116                | 2,200               | 2,034               | 19,341             |
| 2019                  | 21,558              | 3,488                             | 594                           | 25,640             | (513)              | 205                | 3,415               | 3,107               | 28,747             |
| PAYs (sub-total):     | 51,680              | 12,698                            | 3,781                         | 68,159             | (1,204)            | 479                | 8,400               | 7,675               | 75,834             |
| CAY (2020)            | 21,408              | 20,777                            | (1,519)                       | 40,666             | (773)              | 284                | 4,921               | 4,432               | 45,098             |
| claims liabilities:   | 73,088              | 33,475                            | 2,262                         | 108,825            | (1,977)            | 763                | 13,321              | 12,107              | 120,932            |
|                       | Unearned<br>Premium | Premium<br>Deficiency /<br>(DPAC) |                               | Total<br>Provision | discount           | investment<br>PfAD | development<br>PfAD | Total apvs          | TOTAL*             |
| premium liabilities:  | 57,228              | (4,521)                           | <u> </u>                      | 52,707             | (607)              | 235                | 3,124               | 2,752               | 52,707             |
|                       |                     |                                   |                               |                    |                    | *Total may not     | be sum of parts, as | apvs apply to futur | e costs within UPI |
| policy liabilities:   |                     |                                   |                               | 161,532            | (2,584)            | 998                | 16,445              | 14,859              | 173,639            |



# 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.

page 7 of 10

## Yukon

| Non Private Passenger |                     |                             |                              | Yukon - Projected  | l Balances as at De | ec. 31, 2020 (\$0  | 00s)                |                    |                     |
|-----------------------|---------------------|-----------------------------|------------------------------|--------------------|---------------------|--------------------|---------------------|--------------------|---------------------|
| ending 2020           |                     | nominal v                   | alues                        |                    | actuar              | ial present valu   | ue adjustments (    | apvs)              |                     |
| Acc Yr                | Case                | IRNR                        | Retro Claims<br>ee & Expense | Total Unpaid       | discount            | investment<br>PfAD | development<br>PfAD | Total apvs         | TOTAL               |
| prior                 | -                   | 1                           | -                            | 1                  | -                   | -                  | -                   | -                  | 1                   |
| 2001                  | -                   | -                           | -                            | -                  | -                   | -                  | -                   | -                  | -                   |
| 2002                  | -                   | -                           | -                            | -                  | -                   | -                  | -                   | -                  | -                   |
| 2003                  | -                   | -                           | -                            | -                  | -                   | -                  | -                   | -                  | -                   |
| 2004                  | -                   | -                           | -                            | -                  | -                   | -                  | -                   | -                  | -                   |
| 2005                  | -                   | -                           | -                            | -                  | -                   | -                  | -                   | -                  | -                   |
| 2006                  | -                   | -                           | -                            | -                  | -                   | -                  | -                   | -                  | -                   |
| 2007                  | -                   | -                           | -                            | -                  | -                   | -                  | -                   | -                  | -                   |
| 2008                  | -                   | 1                           | -                            | 1                  | -                   | -                  | -                   | -                  | 1                   |
| 2009                  | -                   | -                           | 10                           | 10                 | -                   | -                  | 1                   | 1                  | 11                  |
| 2010                  | -                   | -                           | 2                            | 2                  | -                   | -                  | -                   | -                  | 2                   |
| 2011                  | -                   | -                           | 3                            | 3                  | -                   | -                  | -                   | -                  | 3                   |
| 2012                  | -                   | 1                           | 4                            | 5                  | -                   | -                  | -                   | -                  | 5                   |
| 2013                  | -                   | 2                           | 6                            | 8                  | -                   | -                  | 1                   | 1                  | 9                   |
| 2014                  | -                   | 4                           | 7                            | 11                 | -                   | -                  | 1                   | 1                  | 12                  |
| 2015                  | -                   | 3                           | (24)                         | (21)               | -                   | -                  | 1                   | 1                  | (20)                |
| 2016                  | -                   | 29                          | (7)                          | 22                 | -                   | -                  | 5                   | 5                  | 27                  |
| 2017                  | (7)                 | 81                          | 1                            | 75                 | (1)                 | -                  | 18                  | 17                 | 92                  |
| 2018                  | 368                 | 58                          | 21                           | 447                | (7)                 | 3                  | 57                  | 53                 | 500                 |
| 2019                  | 280                 | 79                          | (1)                          | 358                | (7)                 | 3                  | 50                  | 46                 | 404                 |
| PAYs (sub-total):     | 641                 | 259                         | 22                           | 922                | (15)                | 6                  | 134                 | 125                | 1,047               |
| CAY (2020)            | 99                  | 474                         | (14)                         | 559                | (9)                 | 3                  | 68                  | 62                 | 621                 |
| claims liabilities:   | 740                 | 733                         | 8                            | 1,481              | (24)                | 9                  | 202                 | 187                | 1,668               |
|                       | Unearned<br>Premium | Premium Deficiency / (DPAC) |                              | Total<br>Provision | discount            | investment<br>PfAD | development<br>PfAD | Total apvs         | TOTAL*              |
| premium liabilities:  | 754                 | (62)                        |                              | 692                | (7)                 | 2                  | 37                  | 32                 | 692                 |
|                       |                     |                             |                              |                    |                     | *Total may not     | be sum of parts, as | apvs apply to futu | re costs within UPF |
| policy liabilities:   |                     |                             |                              | 2,173              | (31)                | 11                 | 239                 | 219                | 2,360               |



## 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.

page 8 of 10

#### **Northwest Territories**

| Non Private Passenger |                     |                                   | Northw                        | est Territories - P | rojected Balances | as at Dec. 31, 2   | 2020 (\$000s)       |                     |                   |
|-----------------------|---------------------|-----------------------------------|-------------------------------|---------------------|-------------------|--------------------|---------------------|---------------------|-------------------|
| ending 2020           |                     | nomina                            | al values                     |                     | actuar            | ial present valu   | ue adjustments (a   | apvs)               |                   |
| Acc Yr                | Case                | IBNR                              | Retro Claims<br>Fee & Expense | Total Unpaid        | discount          | investment<br>PfAD | development<br>PfAD | Total apvs          | TOTAL             |
| prior                 | -                   | 2                                 | -                             | 2                   | -                 | -                  | -                   | -                   | 2                 |
| 2001                  | -                   | -                                 | -                             | -                   | -                 | -                  | -                   | -                   | -                 |
| 2002                  | -                   | -                                 | -                             | -                   | -                 | -                  | -                   | -                   | -                 |
| 2003                  | -                   | (1)                               | -                             | (1)                 | -                 | -                  | -                   | -                   | (1                |
| 2004                  | -                   | -                                 | -                             | -                   | -                 | -                  | -                   | -                   | -                 |
| 2005                  | -                   | -                                 | -                             | -                   | -                 | -                  | -                   | -                   | -                 |
| 2006                  | -                   | 1                                 | -                             | 1                   | -                 | -                  | -                   | -                   | 1                 |
| 2007                  | -                   | -                                 | -                             | -                   | -                 | -                  | -                   | -                   | -                 |
| 2008                  | -                   | -                                 | _                             | -                   | -                 | -                  | -                   | -                   | -                 |
| 2009                  | -                   | -                                 | -                             | -                   | -                 | -                  | -                   | -                   | -                 |
| 2010                  | -                   | 1                                 | 2                             | 3                   | -                 | -                  | -                   | -                   | 3                 |
| 2011                  | -                   | -                                 | 3                             | 3                   | -                 | -                  | -                   | -                   | 3                 |
| 2012                  | _                   | -                                 | 5                             | 5                   | _                 | -                  | 1                   | 1                   | 6                 |
| 2013                  | 493                 | 7                                 | 6                             | 506                 | (11)              | 4                  | 50                  | 43                  | 549               |
| 2014                  | -                   | 26                                | 7                             | 33                  | -                 | -                  | 4                   | 4                   | 37                |
| 2015                  | -                   | 12                                | (1)                           | 11                  | -                 | -                  | 2                   | 2                   | 13                |
| 2016                  | 169                 | (121)                             |                               | 56                  | (1)               | -                  | 6                   | 5                   | 61                |
| 2017                  | (10)                | 100                               | 4                             | 94                  | (1)               | 1                  | 15                  | 15                  | 109               |
| 2018                  | 5                   | 193                               | -                             | 198                 | (3)               | 1                  | 27                  | 25                  | 223               |
| 2019                  | 395                 | 91                                | 5                             | 491                 | (10)              | 4                  | 63                  | 57                  | 548               |
| PAYs (sub-total):     | 1,052               | 311                               | 39                            | 1,402               | (26)              | 10                 | 168                 | 152                 | 1,554             |
| CAY (2020)            | 241                 | 326                               | (30)                          | 537                 | (11)              | 5                  | 72                  | 66                  | 603               |
| claims liabilities:   | 1,293               | 637                               | 9                             | 1,939               | (37)              | 15                 | 240                 | 218                 | 2,157             |
|                       | Unearned<br>Premium | Premium<br>Deficiency /<br>(DPAC) |                               | Total<br>Provision  | discount          | investment<br>PfAD | development<br>PfAD | Total apvs          | TOTAL*            |
| premium liabilities:  | 683                 | (56)                              | 1                             | 627                 | (5)               | 2                  | 26                  | 23                  | 627               |
|                       |                     |                                   |                               |                     |                   | *Total may not     | be sum of parts, as | apvs apply to futur | e costs within UP |
| policy liabilities:   |                     |                                   |                               | 2,566               | (42)              | 17                 | 266                 | 241                 | 2,784             |



## 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.

page 9 of 10

## Nunavut

| Non Private Passenger |                     |                                   | N                             | lunavut - Project  | ed Balances as at D | ec. 31, 2020 (\$   | 000s)               |                     |                   |
|-----------------------|---------------------|-----------------------------------|-------------------------------|--------------------|---------------------|--------------------|---------------------|---------------------|-------------------|
| ending 2020           |                     | nomin                             | al values                     |                    | actuar              | ial present valu   | ue adjustments (a   | apvs)               |                   |
| Acc Yr                | Case                | IBNR                              | Retro Claims<br>Fee & Expense | Total Unpaid       | discount            | investment<br>PfAD | development<br>PfAD | Total apvs          | TOTAL             |
| prior                 | -                   | -                                 | -                             | -                  | -                   | -                  | -                   | -                   | -                 |
| 2001                  | -                   | -                                 | -                             | -                  | -                   | -                  | -                   | -                   | -                 |
| 2002                  | -                   | -                                 | -                             | -                  | -                   | -                  | -                   | -                   | -                 |
| 2003                  | -                   | -                                 | -                             | -                  | -                   | -                  | -                   | -                   | -                 |
| 2004                  | -                   | -                                 | -                             | -                  | -                   | -                  | -                   | -                   | -                 |
| 2005                  | -                   | -                                 | -                             | -                  | -                   | -                  | -                   | -                   | -                 |
| 2006                  | -                   | -                                 | -                             | -                  | -                   | -                  | -                   | -                   | -                 |
| 2007                  | -                   | -                                 | -                             | -                  | -                   | -                  | -                   | -                   | -                 |
| 2008                  | -                   | -                                 | -                             | -                  | -                   | -                  | -                   | -                   | -                 |
| 2009                  | -                   | -                                 | -                             | -                  | -                   | -                  | -                   | -                   | -                 |
| 2010                  | -                   | -                                 | 1                             | 1                  | -                   | -                  | -                   | -                   |                   |
| 2011                  | -                   | -                                 | 2                             | 2                  | -                   | -                  | -                   | -                   |                   |
| 2012                  | -                   | -                                 | 3                             | 3                  | -                   | -                  | -                   | -                   |                   |
| 2013                  | -                   | 3                                 | 3                             | 6                  | -                   | -                  | -                   | -                   |                   |
| 2014                  | 188                 | 3                                 |                               | 195                | (3)                 | 1                  | 19                  | 17                  | 21                |
| 2015                  | 79                  | 6                                 | 4                             | 89                 | (1)                 | -                  | 8                   | 7                   | 9                 |
| 2016                  | _                   | 23                                |                               | 28                 | - '                 | -                  | 3                   | 3                   | 3                 |
| 2017                  | (5)                 | 61                                | 5                             | 61                 | (1)                 | -                  | 8                   | 7                   | 6                 |
| 2018                  | 3                   | 145                               | 1                             | 149                | (2)                 | 1                  | 18                  | 17                  | 16                |
| 2019                  | 135                 | 29                                |                               | 169                | (3)                 | 1                  | 22                  | 20                  | 18                |
| PAYs (sub-total):     | 400                 | 270                               | 33                            | 703                | (10)                | 3                  | 78                  | 71                  | 77                |
| CAY (2020)            | 37                  | 174                               | (18)                          | 193                | (4)                 | 2                  | 25                  | 23_                 | 21                |
| claims liabilities:   | 437                 | 444                               | 15                            | 896                | (14)                | 5                  | 103                 | 94                  | 99                |
|                       | Unearned<br>Premium | Premium<br>Deficiency /<br>(DPAC) |                               | Total<br>Provision | discount            | investment<br>PfAD | development<br>PfAD | Total apvs          | TOTAL*            |
| premium liabilities:  | 397                 | (33)                              |                               | 364                | (3)                 | 1                  | 13                  | 11                  | 36                |
|                       |                     |                                   |                               |                    |                     | *Total may not     | be sum of parts, as | apvs apply to futur | re costs within U |
| policy liabilities:   |                     |                                   |                               | 1,260              | (17)                | 6                  | 116                 | 105                 | 1,35              |



## 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.

page 10 of 10

## **All Jurisdictions**

| Non Private Passenger |                     |                                   | ALL JUI                       | RISDICTIONS - Pro  | jected Balances a | as at Dec. 31, 20  | 020 (\$000s)        |                     |                |
|-----------------------|---------------------|-----------------------------------|-------------------------------|--------------------|-------------------|--------------------|---------------------|---------------------|----------------|
| ending 2020           |                     | nomina                            | al values                     |                    | actuar            | rial present valu  | ue adjustments (    | apvs)               |                |
| Acc Yr                | Case                | IBNR                              | Retro Claims<br>Fee & Expense | Total Unpaid       | discount          | investment<br>PfAD | development<br>PfAD | Total apvs          | TOTAL          |
| prior                 | 286                 | 25                                | (3)                           | 308                | -                 |                    | 37                  | 37                  | 34             |
| 2001                  | 26                  | 148                               | (2)                           | 172                | -                 | -                  | 19                  | 19                  | 19             |
| 2002                  | -                   | 19                                | 25                            | 44                 | -                 | -                  | 5                   | 5                   | 4              |
| 2003                  | -                   | (27)                              | 67                            | 40                 | -                 | -                  | 10                  | 10                  | 5              |
| 2004                  | 33                  | (2)                               | 75                            | 106                | (1)               | 1                  | 15                  | 15                  | 12             |
| 2005                  | -                   | (5)                               | 96                            | 91                 | -                 | -                  | 11                  | 11                  | 10             |
| 2006                  | -                   | (113)                             | 145                           | 32                 | -                 | -                  | 27                  | 27                  | 5              |
| 2007                  | 29                  | 5                                 | 437                           | 471                | (2)               | 1                  | 48                  | 47                  | 51             |
| 2008                  | 32                  | 32                                | 408                           | 472                | (7)               | 2                  | 48                  | 43                  | 51             |
| 2009                  | 176                 | 5                                 | 390                           | 571                | (24)              | 9                  | 58                  | 43                  | 61             |
| 2010                  | 125                 | 18                                | 314                           | 457                | (18)              | 7                  | 46                  | 35                  | 49             |
| 2011                  | 2,516               | (25)                              | 402                           | 2,893              | (108)             | 41                 | 277                 | 210                 | 3,10           |
| 2012                  | 1,403               | 404                               | 489                           | 2,296              | (56)              | 22                 | 225                 | 191                 | 2,48           |
| 2013                  | 7,552               | 77                                | 930                           | 8,559              | (204)             | 76                 | 837                 | 709                 | 9,26           |
| 2014                  | 3,616               | 141                               | 1,153                         | 4,910              | (76)              | 28                 | 485                 | 437                 | 5,34           |
| 2015                  | 12,552              | 623                               | 1,426                         | 14,601             | (210)             | 77                 | 1,505               | 1,372               | 15,97          |
| 2016                  | 12,303              | 2,394                             | 1,351                         | 16,048             | (238)             | 88                 | 1,739               | 1,589               | 17,63          |
| 2017                  | 13,943              | 4,492                             | 1,489                         | 19,924             | (290)             | 113                | 2,514               | 2,337               | 22,26          |
| 2018                  | 25,159              | 9,511                             | 2,842                         | 37,512             | (606)             | 238                | 4,790               | 4,422               | 41,93          |
| 2019                  | 46,128              | 11,761                            | 4,097                         | 61,986             | (1,192)           | 458                | 8,613               | 7,879               | 69,86          |
| PAYs (sub-total):     | 125,879             | 29,483                            | 16,131                        | 171,493            | (3,032)           | 1,161              | 21,309              | 19,438              | 190,93         |
| CAY (2020)            | 46,282              | 44,568                            | (20)                          | 90,830             | (1,753)           | 641                | 12,118              | 11,006              | 101,83         |
| claims liabilities:   | 172,161             | 74,051                            | 16,111                        | 262,323            | (4,785)           | 1,802              | 33,427              | 30,444              | 292,76         |
|                       | Unearned<br>Premium | Premium<br>Deficiency /<br>(DPAC) |                               | Total<br>Provision | discount          | investment<br>PfAD | development<br>PfAD | Total apvs          | TOTAL*         |
| premium liabilities:  | 134,901             | (9,667)                           |                               | 125,234            | (1,255)           | 468                | 6,491               | 5,704               | 125,23         |
| •                     | ,                   |                                   |                               | ,                  | *Total            | may not be sur     | m of parts, as apv  | s apply to future o | costs within U |
| policy liabilities:   |                     |                                   |                               | 387,557            | (6,040)           | 2,270              | 39,918              | 36,148              | 418,00         |



## 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.

page 1 of 10

#### **Newfoundland & Labrador**

| Non Private Passenger |                     |                                   | Newfound                      | lland & Labrador - | Projected Balanc | es as at Dec. 3    | l, 2020 (\$000s)    |                      |                |
|-----------------------|---------------------|-----------------------------------|-------------------------------|--------------------|------------------|--------------------|---------------------|----------------------|----------------|
| ending 2020           |                     | nomin                             | al values                     |                    | actuar           | ial present val    | ue adjustments (a   | apvs)                |                |
| Acc Yr                | Case                | IBNR                              | Retro Claims<br>Fee & Expense | Total Unpaid       | discount         | investment<br>PfAD | development<br>PfAD | Total apvs           | TOTAL          |
| prior                 | -                   | (1                                | .) -                          | (1)                | -                | -                  | -                   | -                    | (:             |
| 2001                  | -                   | 1                                 | (1)                           | -                  | -                | -                  | -                   | -                    | -              |
| 2002                  | -                   | 1                                 | . <del>-</del>                | 1                  | -                | -                  | -                   | -                    | :              |
| 2003                  | -                   | (1                                | .) -                          | (1)                | -                | -                  | -                   | -                    | (:             |
| 2004                  | -                   | (1                                | .) -                          | (1)                | -                | -                  | -                   | -                    | (:             |
| 2005                  | -                   | 2                                 | . 2                           | 4                  | -                | -                  | -                   | -                    | 4              |
| 2006                  | -                   | 3                                 | 1                             | 4                  | -                | -                  | -                   | -                    | 4              |
| 2007                  | -                   | (1                                | .) 3                          | 2                  | -                | -                  | -                   | -                    |                |
| 2008                  | -                   | -                                 | 7                             | 7                  | -                | -                  | 1                   | 1                    | 8              |
| 2009                  | -                   | 3                                 | 9                             | 12                 | -                | -                  | 1                   | 1                    | 1              |
| 2010                  | -                   | 2                                 | 18                            | 20                 | -                | -                  | 2                   | 2                    | 2              |
| 2011                  | 510                 | 1                                 | . 27                          | 538                | (28)             | 11                 | 51                  | 34                   | 57             |
| 2012                  | 1                   | (9                                | 33                            | 25                 | (2)              | 1                  | 4                   | 3                    | 2              |
| 2013                  | -                   | 2                                 |                               | 35                 | -                | -                  | 3                   | 3                    | 3              |
| 2014                  | 12                  | -                                 | 56                            | 68                 | (1)              | 1                  | 7                   | 7                    | 7.             |
| 2015                  | 626                 | (199                              | 98                            | 525                | (9)              | 4                  | 56                  | 51                   | 57             |
| 2016                  | 1,065               | (146                              | ) 104                         | 1,023              | (12)             | 5                  | 113                 | 106                  | 1,12           |
| 2017                  | 1,539               | 206                               | 84                            | 1,829              | (22)             | 9                  | 197                 | 184                  | 2,01           |
| 2018                  | 1,972               | 265                               | 161                           | 2,398              | (28)             | 11                 | 255                 | 238                  | 2,63           |
| 2019                  | 3,135               | 275                               | 179                           | 3,589              | (42)             | 14                 | 383                 | 355                  | 3,94           |
| PAYs (sub-total):     | 8,860               | 403                               | 814                           | 10,077             | (144)            | 56                 | 1,073               | 985                  | 11,06          |
| CAY (2020)            | 2,817               | 1,258                             | 1                             | 4,076              | (61)             | 24                 | 442                 | 405                  | 4,48           |
| claims liabilities:   | 11,677              | 1,661                             | . 815                         | 14,153             | (205)            | 80                 | 1,515               | 1,390                | 15,54          |
|                       | Unearned<br>Premium | Premium<br>Deficiency /<br>(DPAC) |                               | Total<br>Provision | discount         | investment<br>PfAD | development<br>PfAD | Total apvs           | TOTAL*         |
| premium liabilities:  | 4,277               | (312                              | !)                            | 3,965              | (43)             | 16                 | 237                 | 210                  | 3,96           |
|                       |                     |                                   |                               |                    |                  | *Total may not     | be sum of parts, as | apvs apply to future | costs within U |
| policy liabilities:   |                     |                                   |                               | 18,118             | (248)            | 96                 | 1,752               | 1,600                | 19,50          |



## 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.

page 2 of 10

## **New Brunswick**

| Case - 24           | (6)<br>142<br>5   | I values  Retro Claims Fee & Expense  | Total Unpaid  | discount  | ial present valu<br>investment<br>PfAD  | development  PfAD   | Total apvs  | TOTAL   |
|---------------------|---|---|---|---|---|---------------------|---|---|
| -                   | (6)<br>142<br>5   |   | ·   | discount  |   |                     | Total apvs  | TOTAL   |
| -<br>24<br>-        | 142<br>5  | -   | (6)   |   |   | וותט                |   | IOIAL   |
| 24<br>-<br>-        | 5   | -   |   | -   | -   | -                   | -   | (6)   |
| -                   |   |   | 166   | -   | -   | 17                  | 17  | 183   |
| -                   |   | -   | 5   | -   | -   | 1                   | 1   | 6   |
|                     | (2)   | 1   | (1)   | -   | -   | -                   | -   | (1)   |
| -                   | -   | -   | -   | -   | -   | -                   | -   | -   |
| -                   | (6)   | (3)   | (9)   | -   | -   | 1                   | 1   | (8)   |
| -                   | (5)   | 10  | 5   | -   | -   | 1                   | 1   | 6   |
| -                   | 3   | 16  | 19  | -   | -   | 2                   | 2   | 21  |
| 30                  | 1   | 17  | 48  | (2)   | -   | 5                   | 3   | 51  |
| 82                  | (6)   | -   | 76  | (3)   | 1   | 8                   | 6   | 82  |
| 97                  | 3   | 24  | 124   | (6)   | 2   | 12                  | 8   | 132   |
| 93                  | (5)   | 42  | 130   | (6)   | 2   | 13                  | 9   | 139   |
| 417                 | 2   | 71  | 490   | (12)  | 5   | 48                  | 41  | 531   |
| 986                 | 88  | 69  | 1,143   | (24)  | 10  | 112                 | 98  | 1,241   |
| -                   | 2   | 73  | 75  | -   | -   | 7                   | 7   | 82  |
| 639                 | 168   | 118   | 925   | (14)  | 5   | 95                  | 86  | 1,011   |
| 496                 | 134   | 99  | 729   | (12)  | 5   | 81                  | 74  | 803   |
| 943                 | 140   | 98  | 1,181   | (21)  | 9   | 160                 | 148   | 1,329   |
| 1,450               | 611   | 100   | 2,161   | (46)  | 17  | 290                 | 261   | 2,422   |
| 3,674               | 481   | 189   | 4,344   | (108)   | 44  | 569                 | 505   | 4,849   |
| 8,931               | 1,750   | 924   | 11,605  | (254)   | 100   | 1,422               | 1,268   | 12,873  |
| 3,793               | 1,290   | 107   | 5,190   | (124)   | 47  | 646                 | 569   | 5,759   |
| 12,724              | 3,040   | 1,031   | 16,795  | (378)   | 147   | 2,068               | 1,837   | 18,632  |
| Unearned<br>Premium | Premium<br>Deficiency /<br>(DPAC)   |   | Total<br>Provision  | discount  | investment<br>PfAD  | development<br>PfAD | Total apvs  | TOTAL*  |
| 6,643               | (512)   |   | 6,131   | (69)  | 23  | 335                 | 289   | 6,131   |
|                     |   |   |   |   | *Total may not l  | be sum of parts, as | apvs apply to futur   | e costs within UPR  |
|                     |   |   | 22,926  | (447)   | 170   | 2,403               | 2,126   | 24,763  |
|                     | 30<br>82<br>97<br>93<br>417<br>986<br>-<br>-<br>639<br>496<br>943<br>1,450<br>3,674<br>8,931<br>3,793<br>12,724 | - (5) - 3 30 1 82 (6) 97 3 93 (5) 417 2 986 88 - 2 639 168 496 134 943 140 1,450 611 3,674 481 8,931 1,750 3,793 1,290 12,724 3,040  Unearned Premium Deficiency / (DPAC) | - (6) (3) - (5) 10 - 3 16 30 1 17 82 (6) - 97 3 24 93 (5) 42 417 2 71 986 88 69 - 2 73 639 168 118 496 134 99 943 140 98 1,450 611 100 3,674 481 189 8,931 1,750 924  3,793 1,290 107 12,724 3,040 1,031  Premium Deficiency / (DPAC) | - (6) (3) (9) - (5) 10 5 - 3 16 19 30 1 17 48 82 (6) - 76 97 3 24 124 93 (5) 42 130 417 2 71 490 986 88 69 1,143 - 2 73 75 639 168 118 925 496 134 99 729 943 140 98 1,181 1,450 611 100 2,161 3,674 481 189 4,344 8,931 1,750 924 11,605  3,793 1,290 107 5,190 12,724 3,040 1,031 16,795  Unearned Premium Deficiency / (DPAC)  Fremium Deficiency / (DPAC) 6,643 (512) 6,131 | - (6) (3) (9) (5) 10 5 3 16 19 - 30 1 17 48 (2) 82 (6) - 76 (3) 97 3 24 124 (6) 93 (5) 42 130 (6) 417 2 71 490 (12) 986 88 69 1,143 (24) - 2 73 75 - 639 168 118 925 (14) 496 134 99 729 (12) 943 140 98 1,181 (21) 1,450 611 100 2,161 (46) 3,674 481 189 4,344 (108) 8,931 1,750 924 11,605 (254)  Unearned Premium Deficiency / (DPAC)  Unearned Premium Deficiency / (DPAC)  G,643 (512) 6,131 (69) | - (6) (3) (9)       | - (6) (3) (9) 1 - (5) 10 5 1 - 3 16 19 2 30 1 17 48 (2) - 5 82 (6) - 76 (3) 1 8 97 3 24 124 (6) 2 12 93 (5) 42 130 (6) 2 13 417 2 71 490 (12) 5 48 986 88 69 1,143 (24) 10 112 - 2 73 75 - 7 639 168 118 925 (14) 5 95 496 134 99 729 (12) 5 81 943 140 98 1,181 (21) 9 160 1,450 611 100 2,161 (46) 17 290 3,674 481 189 4,344 (108 44 569 8,931 1,750 924 11,605 (254) 100 1,422 3,793 1,290 107 5,190 (124) 47 646 12,724 3,040 1,031 16,795 (378) 147 2,068 | - (6) (3) (9) 1 1 1 - (5) 10 5 - 1 1 1 - 3 16 19 - 2 2 2 30 1 17 48 (2) - 5 3 82 (6) - 76 (3) 1 8 6 97 3 24 124 (6) 2 12 8 93 (5) 42 130 (6) 2 13 9 417 2 71 490 (12) 5 48 41 986 88 69 1,143 (24) 10 112 98 - 2 73 75 - 7 7 7 639 168 118 925 (14) 5 95 86 496 134 99 729 (12) 5 81 74 943 140 98 1,181 (21) 9 160 148 1,450 611 100 2,161 (46) 17 290 261 3,674 481 189 4,344 (108) 44 569 505 8,931 1,750 924 11,605 (254) 100 1,422 1,268  Unearned Premium Deficiency / (DPAC)  Order Total Provision  Order Total Provision  Order Total Provision  Order Total Deficiency / (DPAC)  Order Total Provision  Order Total May not be sum of parts, as apvs apply to future of the sum of parts and the sum of parts are apvs apply to future of the sum of parts and the sum of parts are apvs apply to future of the sum of parts are apvs apply to future of the sum of parts are apvs apply to future of the sum of parts apvs apply to future of the sum of parts apvs apply to future of |



## 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.

page 3 of 10

#### **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 val    | ue adjustments (    | apvs)               |                |
| Acc Yr                | Case                | IBNR                              | Retro Claims<br>Fee & Expense | Total Unpaid        | discount          | investment<br>PfAD | development<br>PfAD | Total apvs          | TOTAL          |
| prior                 | -                   | 6                                 | -                             | 6                   | -                 | -                  | -                   | -                   |                |
| 2001                  | -                   | 1                                 | -                             | 1                   | -                 | -                  | -                   | -                   |                |
| 2002                  | -                   | 2                                 | -                             | 2                   | -                 | -                  | -                   | -                   |                |
| 2003                  | -                   | (5)                               | -                             | (5)                 | -                 | -                  | 1                   | 1                   |                |
| 2004                  | -                   | 5                                 | -                             | 5                   | -                 | -                  | 1                   | 1                   |                |
| 2005                  | -                   | 3                                 | 7                             | 10                  | -                 | -                  | 1                   | 1                   |                |
| 2006                  | -                   | (1)                               | 6                             | 5                   | -                 | -                  | 1                   | 1                   |                |
| 2007                  | -                   | (4)                               | 8                             | 4                   | -                 | -                  | 1                   | 1                   |                |
| 2008                  | -                   | (4)                               | 11                            | 7                   | -                 | -                  | 1                   | 1                   |                |
| 2009                  | -                   | (6)                               | 16                            | 10                  | -                 | -                  | 3                   | 3                   |                |
| 2010                  | -                   | (1)                               | 26                            | 25                  | -                 | -                  | 3                   | 3                   |                |
| 2011                  | -                   | 2                                 | 31                            | 33                  | (1)               | -                  | 3                   | 2                   |                |
| 2012                  | -                   | (3)                               | 57                            | 54                  | -                 | -                  | 6                   | 6                   |                |
| 2013                  | 1,573               | (139)                             | 72                            | 1,506               | (56)              | 21                 | 145                 | 110                 | 1,6            |
| 2014                  | 679                 | 11                                | 90                            | 780                 | (16)              | 7                  | 77                  | 68                  | 8              |
| 2015                  | 122                 | 23                                | 19                            | 164                 | (5)               | 2                  | 22                  | 19                  | 1              |
| 2016                  | 1,404               | 166                               | 98                            | 1,668               | (24)              | 9                  | 203                 | 188                 | 1,8            |
| 2017                  | 1,560               | 211                               | 67                            | 1,838               | (26)              | 10                 | 244                 | 228                 | 2,0            |
| 2018                  | 2,006               | 520                               | 89                            | 2,615               | (37)              | 14                 | 324                 | 301                 | 2,9            |
| 2019                  | 3,360               | 449                               | 133                           | 3,942               | (68)              | 24                 | 515                 | 471                 | 4,4            |
| PAYs (sub-total):     | 10,704              | 1,236                             | 730                           | 12,670              | (233)             | 87                 | 1,551               | 1,405               | 14,0           |
| CAY (2020)            | 4,334               | 3,250                             | 52                            | 7,636               | (138)             | 54                 | 966                 | 882                 | 8,5            |
| claims liabilities:   | 15,038              | 4,486                             | 782                           | 20,306              | (371)             | 141                | 2,517               | 2,287               | 22,5           |
|                       | Unearned<br>Premium | Premium<br>Deficiency /<br>(DPAC) |                               | Total<br>Provision  | discount          | investment<br>PfAD | development<br>PfAD | Total apvs          | TOTAL*         |
| remium liabilities:   | 10,131              | (750)                             | )                             | 9,381               | (90)              | 35                 | 540                 | 485                 | 9,3            |
|                       |                     |                                   |                               |                     |                   | *Total may not     | be sum of parts, as | apvs apply to futur | e costs within |
| policy liabilities:   |                     |                                   |                               | 29,687              | (461)             | 176                | 3,057               | 2,772               | 31,9           |



## 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.

page 4 of 10

#### **Prince Edward Island**

| Non Private Passenger |                     |                                   | Prince I                      | dward Island - Pro | ojected Balances | as at Dec. 31, 2   | 020 (\$000s)        |                     |        |
|-----------------------|---------------------|-----------------------------------|-------------------------------|--------------------|------------------|--------------------|---------------------|---------------------|--------|
| ending 2020           |                     | nomir                             | nal values                    |                    | actuar           | ial present val    | ue adjustments (    | apvs)               |        |
| Acc Yr                | Case                | IBNR                              | Retro Claims<br>Fee & Expense | Total Unpaid       | discount         | investment<br>PfAD | development<br>PfAD | Total apvs          | TOTAL  |
| prior                 | -                   | -                                 | -                             | -                  | -                | -                  | -                   | -                   | -      |
| 2001                  | -                   | 1                                 | L -                           | 1                  | -                | -                  | -                   | -                   |        |
| 2002                  | -                   | (1                                | L <b>)</b> -                  | (1)                | -                | -                  | -                   | -                   | (      |
| 2003                  | -                   | (1                                | L <b>)</b> -                  | (1)                | -                | -                  | -                   | -                   | (      |
| 2004                  | -                   | -                                 | -                             | -                  | -                | -                  | -                   | -                   | -      |
| 2005                  | -                   | -                                 | 1                             | 1                  | -                | -                  | -                   | -                   |        |
| 2006                  | -                   | -                                 | 3                             | 3                  | -                | -                  | -                   | -                   |        |
| 2007                  | -                   | -                                 | 1                             | 1                  | -                | -                  | -                   | -                   |        |
| 2008                  | -                   | -                                 | 2                             | 2                  | -                | -                  | -                   | -                   |        |
| 2009                  | -                   | -                                 | -                             | -                  | -                | -                  | -                   | -                   | -      |
| 2010                  | -                   | (1                                | L) 6                          | 5                  | -                | -                  | 1                   | 1                   |        |
| 2011                  | -                   | 1                                 | L 9                           | 10                 | -                | -                  | 1                   | 1                   | 1      |
| 2012                  | 290                 | -                                 | 12                            | 302                | (17)             | 6                  | 28                  | 17                  | 31     |
| 2013                  | 45                  | 1                                 | L 17                          | 63                 | (1)              | -                  | 7                   | 6                   | 6      |
| 2014                  | 107                 | (1                                | L) 9                          | 115                | (7)              | 2                  | 11                  | 6                   | 12     |
| 2015                  | (1)                 | 21                                | L 20                          | 40                 | (2)              | -                  | 8                   | 6                   | 4      |
| 2016                  | 989                 | 46                                | 5 48                          | 1,083              | (33)             | 11                 | 108                 | 86                  | 1,16   |
| 2017                  | (37)                | 349                               | 22                            | 334                | (6)              | 2                  | 38                  | 34                  | 36     |
| 2018                  | 70                  | 436                               | 5 (2)                         | 504                | (8)              | 3                  | 60                  | 55                  | 55     |
| 2019                  | 448                 | 495                               | 5 23                          | 966                | (13)             | 5                  | 119                 | 111                 | 1,07   |
| PAYs (sub-total):     | 1,911               | 1,346                             | 5 171                         | 3,428              | (87)             | 29                 | 381                 | 323                 | 3,75   |
| CAY (2020)            | 409                 | 1,032                             | 2 8                           | 1,449              | (22)             | 9                  | 184                 | 171                 | 1,62   |
| claims liabilities:   | 2,320               | 2,378                             | 3 179                         | 4,877              | (109)            | 38                 | 565                 | 494                 | 5,37   |
|                       | Unearned<br>Premium | Premium<br>Deficiency /<br>(DPAC) |                               | Total<br>Provision | discount         | investment<br>PfAD | development<br>PfAD | Total apvs          | TOTAL* |
| premium liabilities:  | 1,544               | (120                              | 0)                            | 1,424              | (14)             | 5                  | 93                  | 84                  | 1,42   |
|                       | •                   | •                                 | •                             | ,                  | . ,              | *Total may not     |                     | apvs apply to futur | ,      |
| policy liabilities:   |                     |                                   |                               | 6,301              | (123)            | 43                 | 658                 | 578                 | 6,79   |



## 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.

page 5 of 10

#### **Ontario**

| PPV & non-PPV        |                     |                                   | (                             | Ontario - Projecteo | d Balances as at D | ec. 31, 2020 (\$0  | 000s)               |                     |                   |
|----------------------|---------------------|-----------------------------------|-------------------------------|---------------------|--------------------|--------------------|---------------------|---------------------|-------------------|
| ending 2020          |                     | nomina                            | al values                     |                     | actuar             | ial present valu   | ue adjustments (    | apvs)               |                   |
| Acc Yr               | Case                | IBNR                              | Retro Claims<br>Fee & Expense | Total Unpaid        | discount           | investment<br>PfAD | development<br>PfAD | Total apvs          | TOTAL             |
| prior                | 5,240               | 3,482                             | (9)                           | 8,713               | (92)               | 38                 | 876                 | 822                 | 9,535             |
| 2001                 | -                   | -                                 | (3)                           | (3)                 | -                  | -                  | 2                   | 2                   | (1                |
| 2002                 | 426                 | (1)                               | 104                           | 529                 | (10)               | 4                  | 52                  | 46                  | 575               |
| 2003                 | 1,996               | (21)                              | 473                           | 2,448               | (58)               | 22                 | 241                 | 205                 | 2,653             |
| 2004                 | 1,255               | 210                               | 529                           | 1,994               | (51)               | 20                 | 199                 | 168                 | 2,162             |
| 2005                 | 1                   | (29)                              | 266                           | 238                 | -                  | -                  | 30                  | 30                  | 268               |
| 2006                 | 253                 | (84)                              | 316                           | 485                 | (16)               | 6                  | 64                  | 54                  | 539               |
| 2007                 | 1,846               | 220                               | 337                           | 2,403               | (82)               | 30                 | 233                 | 181                 | 2,584             |
| 2008                 | 135                 | 184                               | 246                           | 565                 | (23)               | 8                  | 55                  | 40                  | 605               |
| 2009                 | 117                 | 131                               | 384                           | 632                 | (27)               | 10                 | 61                  | 44                  | 676               |
| 2010                 | 603                 | (17)                              | 352                           | 938                 | (38)               | 15                 | 91                  | 68                  | 1,006             |
| 2011                 | 1,774               | 115                               | 555                           | 2,444               | (81)               | 30                 | 236                 | 185                 | 2,629             |
| 2012                 | 924                 | 510                               | 367                           | 1,801               | (56)               | 22                 | 175                 | 141                 | 1,942             |
| 2013                 | 3,374               | (25)                              | 917                           | 4,266               | (89)               | 34                 | 418                 | 363                 | 4,629             |
| 2014                 | 5,305               | (187)                             | 1,018                         | 6,136               | (119)              | 44                 | 602                 | 527                 | 6,663             |
| 2015                 | 7,277               | (27)                              | 1,389                         | 8,639               | (135)              | 50                 | 906                 | 821                 | 9,460             |
| 2016                 | 5,296               | 725                               | 1,161                         | 7,182               | (100)              | 36                 | 751                 | 687                 | 7,869             |
| 2017                 | 5,290               | 1,177                             | 1,343                         | 7,810               | (110)              | 39                 | 1,003               | 932                 | 8,742             |
| 2018                 | 8,980               | 3,894                             | 1,835                         | 14,709              | (245)              | 94                 | 1,969               | 1,818               | 16,527            |
| 2019                 | 19,220              | 6,623                             | 3,870                         | 29,713              | (574)              | 216                | 4,593               | 4,235               | 33,948            |
| PAYs (sub-total):    | 69,312              | 16,880                            | 15,450                        | 101,642             | (1,906)            | 718                | 12,557              | 11,369              | 113,011           |
| CAY (2020)           | 21,244              | 24,781                            | 2,026                         | 48,051              | (961)              | 335                | 7,386               | 6,760               | 54,811            |
| claims liabilities:  | 90,556              | 41,661                            | 17,476                        | 149,693             | (2,867)            | 1,053              | 19,943              | 18,129              | 167,822           |
|                      | Unearned<br>Premium | Premium<br>Deficiency /<br>(DPAC) |                               | Total<br>Provision  | discount           | investment<br>PfAD | development<br>PfAD | Total apvs          | TOTAL*            |
| premium liabilities: | 77,536              | (4,734)                           |                               | 72,802              | (649)              | 236                | 3,479               | 3,066               | 72,802            |
|                      |                     |                                   |                               |                     |                    | *Total may not     | be sum of parts, as | apvs apply to futur | e costs within UP |
| policy liabilities:  |                     |                                   |                               | 222,495             | (3,516)            | 1,289              | 23,422              | 21,195              | 240,624           |



## 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.

page 6 of 10

## Alberta

| Non Private Passenger |                     |                                   | ,                             | Alberta - Projecte | d Balances as at D | ec. 31, 2020 (\$0  | 100s)               |                    |                    |
|-----------------------|---------------------|-----------------------------------|-------------------------------|--------------------|--------------------|--------------------|---------------------|--------------------|--------------------|
| ending 2020           |                     | nomina                            | al values                     |                    | actuar             | rial present val   | ue adjustments (    | apvs)              |                    |
| Acc Yr                | Case                | IBNR                              | Retro Claims<br>Fee & Expense | Total Unpaid       | discount           | investment<br>PfAD | development<br>PfAD | Total apvs         | TOTAL              |
| prior                 | 3                   | 10                                | (2)                           | 11                 | -                  | -                  | 5                   | 5                  | 16                 |
| 2001                  | 2                   | 9                                 | -                             | 11                 | -                  | -                  | 1                   | 1                  | 12                 |
| 2002                  | -                   | 5                                 | 1                             | 6                  | -                  | -                  | 1                   | 1                  | 7                  |
| 2003                  | -                   | (5)                               | 5                             | -                  | -                  | -                  | 2                   | 2                  | 2                  |
| 2004                  | 32                  | 19                                | 1                             | 52                 | (1)                | 1                  | 5                   | 5                  | 57                 |
| 2005                  | -                   | (3)                               | 21                            | 18                 | -                  | -                  | 2                   | 2                  | 20                 |
| 2006                  | (3)                 | (23)                              | 25                            | (1)                | -                  | -                  | 6                   | 6                  | 5                  |
| 2007                  | 28                  | 9                                 | 297                           | 334                | (2)                | 1                  | 34                  | 33                 | 367                |
| 2008                  | 3                   | 12                                | 291                           | 306                | -                  | -                  | 31                  | 31                 | 337                |
| 2009                  | 41                  | 5                                 | 210                           | 256                | (12)               | 5                  | 25                  | 18                 | 274                |
| 2010                  | -                   | 6                                 | 78                            | 84                 | -                  | -                  | 9                   | 9                  | 93                 |
| 2011                  | 1,125               | (73)                              | 31                            | 1,083              | (49)               | 19                 | 103                 | 73                 | 1,156              |
| 2012                  | 636                 | 7                                 | 123                           | 766                | (18)               | 7                  | 74                  | 63                 | 829                |
| 2013                  | 1,890               | 148                               | 157                           | 2,195              | (53)               | 19                 | 215                 | 181                | 2,376              |
| 2014                  | 727                 | 279                               | 230                           | 1,236              | (20)               | 7                  | 122                 | 109                | 1,345              |
| 2015                  | 4,143               | 638                               | 219                           | 5,000              | (56)               | 20                 | 501                 | 465                | 5,465              |
| 2016                  | 3,778               | 1,528                             | 181                           | 5,487              | (72)               | 28                 | 602                 | 558                | 6,045              |
| 2017                  | 5,813               | 2,291                             | 264                           | 8,368              | (126)              | 51                 | 1,047               | 972                | 9,340              |
| 2018                  | 11,904              | 4,348                             | 1,055                         | 17,307             | (282)              | 116                | 2,200               | 2,034              | 19,341             |
| 2019                  | 21,558              | 3,488                             | 594                           | 25,640             | (513)              | 205                | 3,415               | 3,107              | 28,747             |
| PAYs (sub-total):     | 51,680              | 12,698                            | 3,781                         | 68,159             | (1,204)            | 479                | 8,400               | 7,675              | 75,834             |
| CAY (2020)            | 21,408              | 20,777                            | (1,519)                       | 40,666             | (773)              | 284                | 4,921               | 4,432              | 45,098             |
| claims liabilities:   | 73,088              | 33,475                            | 2,262                         | 108,825            | (1,977)            | 763                | 13,321              | 12,107             | 120,932            |
|                       | Unearned<br>Premium | Premium<br>Deficiency /<br>(DPAC) |                               | Total<br>Provision | discount           | investment<br>PfAD | development<br>PfAD | Total apvs         | TOTAL*             |
| premium liabilities:  | 57,228              | (4,521)                           |                               | 52,707             | (607)              | 235                | 3,124               | 2,752              | 52,707             |
|                       |                     |                                   |                               |                    |                    | *Total may not     | be sum of parts, as | apvs apply to futu | re costs within UP |
| policy liabilities:   |                     |                                   |                               | 161,532            | (2,584)            | 998                | 16,445              | 14,859             | 173,639            |



## 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.

page 7 of 10

## Yukon

| Non Private Passenger |                     |                                   |                               | Yukon - Projected  | d Balances as at De | ec. 31, 2020 (\$0  | 00s)                |                    |                   |
|-----------------------|---------------------|-----------------------------------|-------------------------------|--------------------|---------------------|--------------------|---------------------|--------------------|-------------------|
| ending 2020           |                     | nomin                             | al values                     |                    | actuar              | ial present valu   | ue adjustments (    | apvs)              |                   |
| Acc Yr                | Case                | IBNR                              | Retro Claims<br>Fee & Expense | Total Unpaid       | discount            | investment<br>PfAD | development<br>PfAD | Total apvs         | TOTAL             |
| prior                 | -                   | 1                                 | -                             | 1                  | -                   | -                  | -                   | -                  |                   |
| 2001                  | -                   | -                                 | -                             | -                  | -                   | -                  | -                   | -                  | -                 |
| 2002                  | -                   | -                                 | -                             | -                  | -                   | -                  | -                   | -                  | -                 |
| 2003                  | -                   | -                                 | -                             | -                  | -                   | -                  | -                   | -                  | -                 |
| 2004                  | -                   | -                                 | -                             | -                  | -                   | -                  | -                   | -                  | -                 |
| 2005                  | -                   | -                                 | -                             | -                  | -                   | -                  | -                   | -                  | -                 |
| 2006                  | -                   | -                                 | -                             | -                  | -                   | -                  | -                   | -                  | -                 |
| 2007                  | -                   | -                                 | -                             | -                  | -                   | -                  | -                   | -                  | -                 |
| 2008                  | -                   | 1                                 | -                             | 1                  | -                   | -                  | -                   | -                  |                   |
| 2009                  | -                   | -                                 | 10                            | 10                 | -                   | -                  | 1                   | 1                  | 1                 |
| 2010                  | -                   | -                                 | 2                             | 2                  | -                   | -                  | -                   | -                  |                   |
| 2011                  | -                   | -                                 | 3                             | 3                  | -                   | -                  | -                   | -                  |                   |
| 2012                  | -                   | 1                                 | 4                             | 5                  | -                   | -                  | -                   | -                  |                   |
| 2013                  | -                   | 2                                 | 6                             | 8                  | -                   | -                  | 1                   | 1                  |                   |
| 2014                  | -                   | 4                                 | 7                             | 11                 | -                   | -                  | 1                   | 1                  | 1                 |
| 2015                  | -                   | 3                                 | (24)                          | (21)               | -                   | -                  | 1                   | 1                  | (2                |
| 2016                  | -                   | 29                                | (7)                           | 22                 | -                   | -                  | 5                   | 5                  | 2                 |
| 2017                  | (7)                 | 81                                | 1                             | 75                 | (1)                 | -                  | 18                  | 17                 | 9                 |
| 2018                  | 368                 | 58                                | 21                            | 447                | (7)                 | 3                  | 57                  | 53                 | 50                |
| 2019                  | 280                 | 79                                | (1)                           | 358                | (7)                 | 3                  | 50                  | 46                 | 40                |
| PAYs (sub-total):     | 641                 | 259                               | 22                            | 922                | (15)                | 6                  | 134                 | 125                | 1,04              |
| CAY (2020)            | 99                  | 474                               | (14)                          | 559                | (9)                 | 3                  | 68                  | 62                 | 62                |
| claims liabilities:   | 740                 | 733                               | 8                             | 1,481              | (24)                | 9                  | 202                 | 187                | 1,66              |
|                       | Unearned<br>Premium | Premium<br>Deficiency /<br>(DPAC) |                               | Total<br>Provision | discount            | investment<br>PfAD | development<br>PfAD | Total apvs         | TOTAL*            |
| premium liabilities:  | 754                 | (62                               |                               | 692                | (7)                 | 2                  | 37                  | 32                 | 69                |
|                       |                     |                                   |                               |                    |                     | *Total may not     | be sum of parts, as | apvs apply to futu | re costs within L |
| policy liabilities:   |                     |                                   |                               | 2,173              | (31)                | 11                 | 239                 | 219                | 2,30              |



## 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.

page 8 of 10

#### **Northwest Territories**

| Non Private Passenger |                     |                                   |                               |                    | ojecteu zalances | us ut 200.02, 2    | 2020 (\$000s)       |                     |                  |
|-----------------------|---------------------|-----------------------------------|-------------------------------|--------------------|------------------|--------------------|---------------------|---------------------|------------------|
| ending 2020           |                     | nomina                            | al values                     |                    | actuar           | ial present val    | ue adjustments (    | apvs)               |                  |
| Acc Yr                | Case                | IBNR                              | Retro Claims<br>Fee & Expense | Total Unpaid       | discount         | investment<br>PfAD | development<br>PfAD | Total apvs          | TOTAL            |
| prior                 | -                   | 2                                 | -                             | 2                  | -                | -                  | -                   | -                   |                  |
| 2001                  | -                   | -                                 | -                             | -                  | -                | -                  | -                   | -                   | -                |
| 2002                  | -                   | -                                 | -                             | -                  | -                | -                  | -                   | -                   | -                |
| 2003                  | -                   | (1)                               | -                             | (1)                | -                | -                  | -                   | -                   | (                |
| 2004                  | -                   | -                                 | -                             | -                  | -                | -                  | -                   | -                   | -                |
| 2005                  | -                   | -                                 | -                             | -                  | -                | -                  | -                   | -                   | -                |
| 2006                  | -                   | 1                                 | -                             | 1                  | -                | -                  | -                   | -                   |                  |
| 2007                  | -                   | -                                 | -                             | -                  | -                | -                  | -                   | -                   | -                |
| 2008                  | -                   | -                                 | -                             | -                  | -                | -                  | -                   | -                   | -                |
| 2009                  | -                   | -                                 | -                             | -                  | -                | -                  | -                   | -                   | -                |
| 2010                  | -                   | 1                                 | 2                             | 3                  | -                | -                  | -                   | -                   |                  |
| 2011                  | -                   | -                                 | 3                             | 3                  | -                | -                  | -                   | -                   |                  |
| 2012                  | -                   | -                                 | 5                             | 5                  | -                | -                  | 1                   | 1                   |                  |
| 2013                  | 493                 | 7                                 | 6                             | 506                | (11)             | 4                  | 50                  | 43                  | 54               |
| 2014                  | -                   | 26                                | 7                             | 33                 | -                | -                  | 4                   | 4                   | 3                |
| 2015                  | -                   | 12                                | (1)                           | 11                 | -                | _                  | 2                   | 2                   | 1                |
| 2016                  | 169                 | (121)                             |                               | 56                 | (1)              | -                  | 6                   | 5                   | 6                |
| 2017                  | (10)                | 100                               | 4                             | 94                 | (1)              | 1                  | 15                  | 15                  | 10               |
| 2018                  | 5                   | 193                               | _                             | 198                | (3)              | 1                  | 27                  | 25                  | 22               |
| 2019                  | 395                 | 91                                | 5                             | 491                | (10)             | 4                  |                     | 57                  | 54               |
| PAYs (sub-total):     | 1,052               | 311                               | 39                            | 1,402              | (26)             | 10                 | 168                 | 152                 | 1,55             |
| CAY (2020)            | 241                 | 326                               | (30)                          | 537                | (11)             | 5                  | 72                  | 66                  | 60               |
| claims liabilities:   | 1,293               | 637                               | 9                             | 1,939              | (37)             | 15                 | 240                 | 218                 | 2,15             |
|                       | Unearned<br>Premium | Premium<br>Deficiency /<br>(DPAC) |                               | Total<br>Provision | discount         | investment<br>PfAD | development<br>PfAD | Total apvs          | TOTAL*           |
| premium liabilities:  | 683                 | (56)                              |                               | 627                | (5)              | 2                  | 26                  | 23                  | 62               |
|                       |                     |                                   |                               |                    |                  | *Total may not     | be sum of parts, as | apvs apply to futur | e costs within U |
| policy liabilities:   |                     |                                   |                               | 2,566              | (42)             | 17                 | 266                 | 241                 | 2,78             |



## 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.

page 9 of 10

#### Nunavut

| Non Private Passenger |                     |                                   | N                             | unavut - Projecte  | ed Balances as at D | Dec. 31, 2020 (Ş   | 000s)               |                    |                 |
|-----------------------|---------------------|-----------------------------------|-------------------------------|--------------------|---------------------|--------------------|---------------------|--------------------|-----------------|
| ending 2020           |                     | nomin                             | al values                     |                    | actuar              | ial present valu   | ue adjustments (    | apvs)              |                 |
| Acc Yr                | Case                | IBNR                              | Retro Claims<br>Fee & Expense | Total Unpaid       | discount            | investment<br>PfAD | development<br>PfAD | Total apvs         | TOTAL           |
| prior                 | -                   | -                                 | -                             | -                  | -                   | -                  | -                   | -                  | -               |
| 2001                  | -                   | -                                 | -                             | -                  | -                   | -                  | -                   | -                  | -               |
| 2002                  | -                   | -                                 | -                             | -                  | -                   | -                  | -                   | -                  | -               |
| 2003                  | -                   | -                                 | -                             | -                  | -                   | -                  | -                   | -                  | -               |
| 2004                  | -                   | -                                 | -                             | -                  | -                   | -                  | -                   | -                  | -               |
| 2005                  | -                   | -                                 | -                             | -                  | -                   | -                  | -                   | -                  | -               |
| 2006                  | -                   | -                                 | -                             | -                  | -                   | -                  | -                   | -                  | -               |
| 2007                  | -                   | -                                 | -                             | -                  | -                   | -                  | -                   | -                  | -               |
| 2008                  | -                   | -                                 | -                             | -                  | -                   | -                  | -                   | -                  | -               |
| 2009                  | -                   | -                                 | -                             | -                  | -                   | -                  | -                   | -                  | -               |
| 2010                  | -                   | -                                 | 1                             | 1                  | -                   | -                  | -                   | -                  |                 |
| 2011                  | -                   | -                                 | 2                             | 2                  | -                   | -                  | -                   | -                  |                 |
| 2012                  | -                   | -                                 | 3                             | 3                  | -                   | -                  | -                   | -                  |                 |
| 2013                  | -                   | 3                                 | 3                             | 6                  | -                   | -                  | -                   | -                  |                 |
| 2014                  | 188                 | 3                                 | 4                             | 195                | (3)                 | 1                  | 19                  | 17                 | 2               |
| 2015                  | 79                  | 6                                 | 4                             | 89                 | (1)                 | -                  | 8                   | 7                  |                 |
| 2016                  | -                   | 23                                | 5                             | 28                 | -                   | -                  | 3                   | 3                  |                 |
| 2017                  | (5)                 | 61                                | 5                             | 61                 | (1)                 | -                  | 8                   | 7                  |                 |
| 2018                  | 3                   | 145                               | 1                             | 149                | (2)                 | 1                  | 18                  | 17                 | 1               |
| 2019                  | 135                 | 29                                | 5                             | 169                | (3)                 | 1                  | 22                  | 20                 | 1               |
| PAYs (sub-total):     | 400                 | 270                               | 33                            | 703                | (10)                | 3                  | 78                  | 71                 | 7               |
| CAY (2020)            | 37                  | 174                               | (18)                          | 193                | (4)                 | 2                  | 25                  | 23                 | 2               |
| claims liabilities:   | 437                 | 444                               | 15                            | 896                | (14)                | 5                  | 103                 | 94                 | g               |
|                       | Unearned<br>Premium | Premium<br>Deficiency /<br>(DPAC) |                               | Total<br>Provision | discount            | investment<br>PfAD | development<br>PfAD | Total apvs         | TOTAL*          |
| oremium liabilities:  | 397                 | (33                               | )                             | 364                | (3)                 | 1                  | 13                  | 11                 | 3               |
|                       |                     |                                   |                               |                    |                     | *Total may not     | be sum of parts, as | apvs apply to futu | re costs within |
| policy liabilities:   |                     |                                   |                               | 1,260              | (17)                | 6                  | 116                 | 105                | 1,3             |



## Projected Year-end Policy Liabilities

## **TOTAL**

(Private Passenger & Non-Private Passenger)

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

page 10 of 10

#### **All Jurisdictions**

| Non Private Passenger |                     |                                   | ALL JU                        | RISDICTIONS - Pro  | ojected Balances a | ns at Dec. 31, 20  | 020 (\$000s)        |                   |                 |
|-----------------------|---------------------|-----------------------------------|-------------------------------|--------------------|--------------------|--------------------|---------------------|-------------------|-----------------|
| ending 2020           |                     | nomina                            | al values                     |                    | actuar             | ial present val    | ue adjustments (    | apvs)             |                 |
| Acc Yr                | Case                | IBNR                              | Retro Claims<br>Fee & Expense | Total Unpaid       | discount           | investment<br>PfAD | development<br>PfAD | Total apvs        | TOTAL           |
| prior                 | 286                 | 25                                | (3)                           | 308                | -                  | -                  | 37                  | 37                | 345             |
| 2001                  | 26                  | 148                               | (2)                           | 172                | -                  | -                  | 19                  | 19                | 191             |
| 2002                  | -                   | 19                                | 25                            | 44                 | -                  | -                  | 5                   | 5                 | 49              |
| 2003                  | -                   | (27)                              | 67                            | 40                 | -                  | -                  | 10                  | 10                | 50              |
| 2004                  | 33                  | (2)                               | 75                            | 106                | (1)                | 1                  | 15                  | 15                | 121             |
| 2005                  | -                   | (5)                               | 96                            | 91                 | -                  | -                  | 11                  | 11                | 102             |
| 2006                  | -                   | (113)                             | 145                           | 32                 | -                  | -                  | 27                  | 27                | 59              |
| 2007                  | 29                  | 5                                 | 437                           | 471                | (2)                | 1                  | 48                  | 47                | 518             |
| 2008                  | 32                  | 32                                | 408                           | 472                | (7)                | 2                  | 48                  | 43                | 515             |
| 2009                  | 176                 | 5                                 | 390                           | 571                | (24)               | 9                  | 58                  | 43                | 614             |
| 2010                  | 125                 | 18                                | 314                           | 457                | (18)               | 7                  | 46                  | 35                | 492             |
| 2011                  | 2,516               | (25)                              | 402                           | 2,893              | (108)              | 41                 | 277                 | 210               | 3,103           |
| 2012                  | 1,403               | 404                               | 489                           | 2,296              | (56)               | 22                 | 225                 | 191               | 2,487           |
| 2013                  | 7,552               | 77                                | 930                           | 8,559              | (204)              | 76                 | 837                 | 709               | 9,268           |
| 2014                  | 3,616               | 141                               | 1,153                         | 4,910              | (76)               | 28                 | 485                 | 437               | 5,347           |
| 2015                  | 12,552              | 623                               | 1,426                         | 14,601             | (210)              | 77                 | 1,505               | 1,372             | 15,973          |
| 2016                  | 12,303              | 2,394                             | 1,351                         | 16,048             | (238)              | 88                 | 1,739               | 1,589             | 17,637          |
| 2017                  | 13,943              | 4,492                             | 1,489                         | 19,924             | (290)              | 113                | 2,514               | 2,337             | 22,261          |
| 2018                  | 25,159              | 9,511                             | 2,842                         | 37,512             | (606)              | 238                | 4,790               | 4,422             | 41,934          |
| 2019                  | 46,128              | 11,761                            | 4,097                         | 61,986             | (1,192)            | 458                | 8,613               | 7,879             | 69,865          |
| PAYs (sub-total):     | 125,879             | 29,483                            | 16,131                        | 171,493            | (3,032)            | 1,161              | 21,309              | 19,438            | 190,931         |
| CAY (2020)            | 46,282              | 44,568                            | (20)                          | 90,830             | (1,753)            | 641                | 12,118              | 11,006            | 101,836         |
| claims liabilities:   | 172,161             | 74,051                            | 16,111                        | 262,323            | (4,785)            | 1,802              | 33,427              | 30,444            | 292,767         |
|                       | Unearned<br>Premium | Premium<br>Deficiency /<br>(DPAC) |                               | Total<br>Provision | discount           | investment<br>PfAD | development<br>PfAD | Total apvs        | TOTAL*          |
| premium liabilities:  | 134,901             | (9,667)                           |                               | 125,234            | (1,255)            | 468                | 6,491               | 5,704             | 125,234         |
|                       |                     |                                   |                               |                    | *Total             | may not be sur     | n of parts, as apv  | s apply to future | costs within UP |
| policy liabilities:   |                     |                                   |                               | 387,557            | (6,040)            | 2,270              | 39,918              | 36,148            | 418,001         |