

ONTARIO RISK SHARING POOL

SEPTEMBER 2020 OPERATIONAL REPORT

ACTUARIAL HIGHLIGHTS

Related Bulletin: F2020-076 Ontario RSP September 2020 Operational Report

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ACTUARIAL HIGHLIGHTS

RSP ONTARIO

OPERATIONAL REPORT

SEPTEMBER 2020

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1 Summary

Key Points

(a) The loss ratios currently being used include a review and assessment of the incurred impacts associated with the COVID-19 pandemic.

1.1 Valuation Schedule (Fiscal Year 2020)

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

| | Ontario Risk Sharing Pool Fiscal Year 2020 – Schedule of Valuations | | | | | | | | | |
|------------------------------|--|-----------------------|---|--|--|--|--|--|--|--|
| Valuation Date | Discount Rate (per annum) | Operational Report | Description of Changes | | | | | | | |
| Sep. 30, 2019 (completed) | 1.41% mfad 25 bp | Oct. 2019 | updated valuation (roll forward): accident year 2019 loss ratio <u>de</u> creased 0.7 points to 122.3%; discount rate <u>in</u> creased 1 basis point; no change to selected margins for adverse deviations | | | | | | | |
| Dec. 31, 2019 (completed) | 1.58% mfad 25 bp | Mar. 2020 | update valuation: accident year 2019 loss ratio <u>de</u> creased 5.8 points to 116.5%; accident year 2020 loss ratio <u>de</u> creased 5.7 points to 119.5 %; discount rate <u>in</u> creased 17 basis points; no change to selected margins for adverse deviations | | | | | | | |
| Mar. 31, 2020 (completed) | 0.66% mfad 25 bp | May. 2020 | update valuation (partial roll-forward): accident year 2020 loss ratio <u>de</u> creased 7.8 points to 111.7 %; discount rate <u>de</u> creased 92 basis points; no change to selected margins for adverse deviations | | | | | | | |
| Jun. 30, 2020 (completed) | 0.29% mfad 25 bp | Aug. 2020 | update valuation: accident year 2020 loss ratio <u>de</u> creased 16.3 points to 95.4%; discount rate <u>de</u> creased by 37 basis points; selected margins for adverse deviations were updated | | | | | | | |
| Sep. 30, 2020 | % mfad bp | Oct. 2020 | update 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.

1.2 Appointed Actuary and Hybrid Actuarial Services Model

Mr. Cosimo Pantaleo of Ernst & Young LLP (EY) was appointed as Actuary by the FA Board at its February 18, 2020 meeting.



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

1.3 Consideration of Recent Legal Decisions and Changes in Legislation / Regulation¹

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

Consideration and assessment of potential impacts of legal decisions and changes in legislation / regulation constitutes a regular part of the valuation process. Descriptions of some of the more recent changes (i.e. within the last five years) 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 regulation 461/96). On August 26, 2015, the Ontario government filed Ontario regulations 250/15 and 251/15 implementing reforms set out in Bill 91. With the <u>most recent</u> valuation (June 30, 2020), consideration of the changes to the SABS impacting the bodily injury and accident benefits coverages, were included with the updated industry trend analysis (completed using industry data as at December 31, 2019).

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 4th, 2020, the Supreme Court of Canada dismissed the insurer's application to appeal the Ontario Court of Appeal's decision in this matter. At the current time, no adjustments have been made to our valuation estimates as a result of this decision.

1.4 Current Provision Summary

The following charts show the current levels of claim liabilities² booked by accident year³. The left chart displays life-to-date payments, case reserves, IBNR, and the total including actuarial present

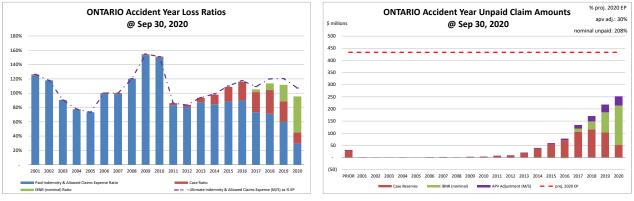
¹This url to a pdf is to a helpful guide on how bills become laws: https://www.ola.org/sites/default/files/common/how-bills-become-law-en.pdf.

²Claim liabilities refer to provision for unpaid indemnity and allowed claims expenses. Allowed claims expenses are first party legal and other expenses as listed in the RSP Claims Guide. Claims expenses paid through the member company expense allowance are NOT included in this discussion.

³The 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".



value adjustments against accident year earned premium. The right chart shows the associated dollar amounts for the components of the claim liabilities and the current 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 provision for claims liabilities (\$129.7 million - see the following table) represents 30% 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 unpaid amounts prove to match actual claims payments, the actuarial present value adjustments will be released into the net operating result over future periods.

| claim liabilities (\$000s) | | | | | | | | | | |
|----------------------------|-----------|--------|--|--|--|--|--|--|--|--|
| | amt | % | | | | | | | | |
| case | 613,658 | 59.6% | | | | | | | | |
| ibnr | 286,388 | 27.8% | | | | | | | | |
| M/S apv adjust. | 129,659 | 12.6% | | | | | | | | |
| M/S total | 1,029,705 | 100.0% | | | | | | | | |

The table to the left breaks down the Member Statement (M/S) claim liabilities total into component parts, showing that the majority of the claim liabilities for this RSP is in case reserves. Approximately 86% of the IBNR balance relates to accident years 2019 and 2020 (see Exhibit B). Approximately 83% of the M/S total claim

liabilities are related to accident years 2016-2020 inclusive (i.e. the most recent 5 accident years), and approximately 5% is related to accident years 2010 and prior (i.e. prior to the most recent 10 accident years).

The following tables summarize the premium liabilities and the total policy liabilities.

| premium liabilities | (\$000s) | | policy liabilities (\$00 | Os) | |
|---------------------|----------|--------|--------------------------|-----------|--------|
| | amt | % | | amt | % |
| unearned prem | 220,900 | 83.6% | claim | 900,046 | 69.6% |
| prem def/(dpac) | 13,108 | 5.0% | premium | 234,008 | 18.1% |
| M/S apv adjust. | 30,148 | 11.4% | M/S apv adjust. | 159,807 | 12.4% |
| M/S total | 264,156 | 100.0% | M/S total | 1,293,861 | 100.0% |

2 Activity during the Month of September 2020

2.1 Recorded Premium and Claims Activity

The following table summarizes the extent to which premiums and claims amounts recorded during



the month differ from projections reflected in the prior month's Operational Report⁴.

| Table 01 | Earned Premium | | Paid Indemnity 8 | | emnity & | Case increase / | | Recorded increase / | | |
|----------|---|---------|------------------------|-------------|------------|-----------------|------------|---------------------|--------|-----------|
| | | | Allowed Claims Expense | | (decrease) | | (decrease) | | | |
| Accident | t Actual less Actual Projected | | Actual | Actual less | Actual | Actual less | Actual | Actual less | | |
| Year | | | Projec | | Actual | Projected | Actual | Projected | Actual | Projected |
| Prior | (298) | (298) | 12,390 | 2,994 | (12,564) | (3,891) | (174) | (897) | | |
| 2018 | (202) | (202) | 2,127 | (291) | 2,797 | 3,318 | 4,924 | 3,027 | | |
| 2019 | (180) | (180) | 2,347 | (294) | (329) | (336) | 2,019 | (629) | | |
| 2020 | 33,633 | (3,093) | 13,168 | (168) | 6,819 | (4,043) | 19,986 | (4,210) | | |
| TOTAL | OTAL 32,953 (3,773) 30,033 | | 2,242 | (3,278) | (4,952) | 26,755 | (2,710) | | | |
| | (Depended transportion provints evolved IDND & other estimated mericians) | | | | | | | | | |

Ontario RSP Actual vs Projected Summary: Recorded Transaction Amounts (\$ thousands)

(Recorded transaction amounts exclude IBNR & other actuarial provisions)

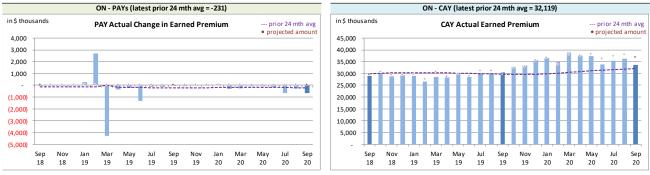
It is unusual to see actual earned premium transactions affecting prior accident years beyond the first prior at this time in the calendar year. We have identified that the prior accident years changes in the month reflects system sweep activity undertaken by two members in responding to audit findings.

Claims transaction activity is generally volatile and changes from one month to the next are anticipated due to this natural "process variance" (i.e. random variation). 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**⁵ 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.





Earned premium changes during a given calendar month in relation to prior accident years tend to be at modest levels (note the different scales in the preceding charts), although relatively high levels generally occur at the beginning of each year.

⁴There may be rounding differences in values in this document compared with the associated Bulletin and/or Operational Report.

⁵Premium 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.

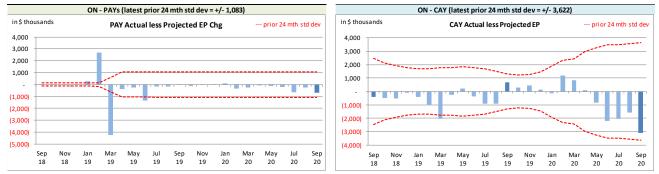


| PAYs | CAY |
|--------|------------------------------|
| | CAT |
| (231) | 32,119 |
| 1,083 | 3,622 |
| 4 | 1 |
| 16.0% | 4.0% |
| 31.7% | 31.7% |
| better | better |
| | 1,083 4 16.0% 31.7% |

The associated variance between the actual changes and the projections from the previous month are shown in the charts below. **Earned premium** change projections are all attributed to the current accident year as the projection upload does not accept **earned premium** changes for other accident years. We do not see this limitation as being

significant for our purposes, but it does mean that the actual less projection variance will equal the actual **earned premium** change in relation to prior accident years.

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



We project **earned premium** changes from known unearned premium balances and projected written premium levels, but upload the total projections as current accident year (CAY). This process has generated prior accident years' (PAYs) bias⁶, with actuals generally lower than projected, although the magnitude is not high relative to monthly premium. Readers will also note the significant fluctuations in the CAY standard deviation band, reflecting significant volume changes and the impact as those changes were earned.

2.1.b AvsP: Recorded Indemnity & Allowed Claims Expense

The following charts show actual **recorded** activity (**paid** and **case reserve** 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.



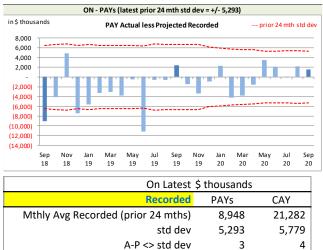
Ontario RSP Actual **Recorded** by Calendar Month

Recorded activity variances from the previous month's projections are shown in the following charts,

⁶The PAYs' variances will show bias as the projection upload forces all earned premium projections to be attributed to the CAY.



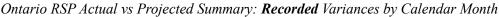
including the "prior 24-month standard deviation" levels to show how the variances from projection compare with historical standard deviations.

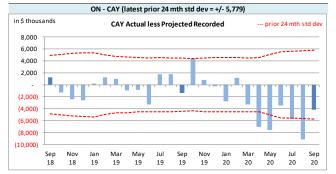


% <> std dev

norm <> std dev

performance vs 24-mth avg:





With respect to **recorded** indemnity & allowed claims expense, 12% of the prior accident years' (PAYs) variances over the last 25 calendar months have fallen outside of one standard deviation of the actual **recorded** 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). Bias⁷ has been indicated at a 95% confidence level on a rolling 25-month basis (7 of 25 variances were positive); however, on a lagging 12-month basis, bias has not been indicated (5 of latest 12 variances have been positive).

16.0%

31.7%

better

12.0%

31.7%

better

The current accident year (CAY) **recorded** variances (preceding chart on the left) fell outside of one standard deviation 16% of the time over the last 25 calendar months suggesting that the projection process has performed better than simply projecting the prior 24-month average amount. Bias has not been indicated at a 95% confidence level on a rolling 25-month basis (9 of 25 variances were positive).

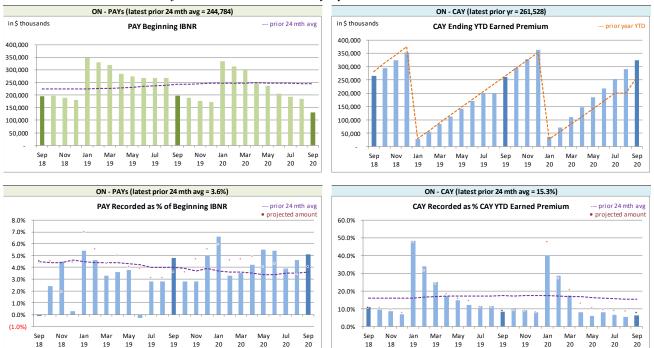
The method for establishing IBNR adjusts automatically for changes in **earned premium** and **recorded** claims activity level (see sections 2.2 and 3).

We have included, for reference, the following additional charts related to levels influencing **recorded** activity. Note in particular the reduction in the level of PAY beginning IBNR over the months, as a response to valuations and showing up as a beginning IBNR change one month after a valuation is implemented (i.e. April, June, September, and November).

⁷ 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.



Actuarial Highlights – RSP Ontario Operational Report September 2020



Ontario RSP Levels that influence⁸ **Recorded** activity by Calendar Month

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

- to offset actual **recorded** 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 PAYs' ultimates (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).

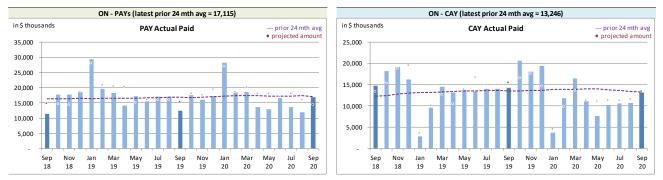
2.1.c AvsP: Paid Indemnity & Allowed Claims Expense

The following charts show actual **paid** 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.

⁸Our recorded activity projections for the prior accident years are based on selected ratios of recorded activity 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 (i.e. selected LR x earned premium), deriving year-to-date recorded as selected ultimate less IBNR. In both cases, the ratio selection is based on our review of the more recent recorded activity and recent AvsP analyses.

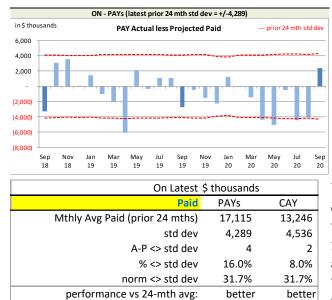


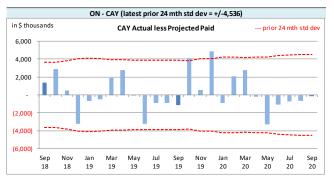
Ontario RSP Actual Paid activity by Calendar Month



Paid activity variances from the previous month's projections are shown in the following charts, including the "prior 24-month standard deviation" levels to show how the variances from projection compare with historical standard deviations.

Ontario RSP Actual vs Projected Summary: **Paid** Variances by Calendar Month





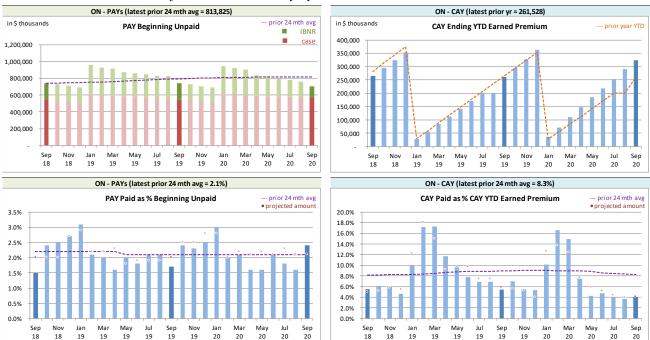
With respect to **paid** indemnity & allowed claims expense, 16% of the prior accident years' (PAYs) variances over the last 25 calendar months have fallen outside of one standard deviation of the actual **paid** amounts (see table on left), suggesting the projection process has performed better than 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 rolling 25-month basis (9 of 25 variances are positive).

The current accident year (CAY) **paid** variances fell outside of one standard deviation 8% of the time over the last 25 calendar months (preceding chart on the left), suggesting the projection process has performed better than simply projecting the prior 24-month average amount. Bias has not been indicated at a 95% confidence level on a rolling 25-month basis (10 of 25 variances are positive).

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





Ontario RSP Levels that influence⁹ Paid activity by Calendar Month

We track the PAY beginning unpaid balance (case and IBNR) as **paid** activity comes out of the unpaid balance. Changes in the PAY beginning unpaid balance (see upper left of the preceding group of charts) occur for several possible reasons:

- to offset actual **paid** activity (may reduce case or IBNR or both);
- 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 PAYs' ultimates (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 IBNR¹⁰, and factors are applied to the nominal unpaid claims liability (case plus IBNR) to determine the discount amount (shown as a negative value to indicate its impact of reducing the liability) and the Provisions for Adverse Deviations. The loss ratios and the factors used to determine the projections and actuals were based on the applicable valuation.

The following table summarizes variances in provisions included in this month's Operational Report

 $^{^{9}}$ Our paid projections for the prior accident years are based on selected ratios of paid to beginning unpaid balances, whereas the current accident year projections are based on selected ratios of year-to-date paid to year-to-date selected ultimate indemnity (i.e. selected LR x earned premium). In both cases, the ratio selection is based on our review of the more recent recorded activity and recent AvsP analyses.

¹⁰For ease of discussion, "IBNR" is used in place of "provisions for incurred but not recorded (IBNR) and development".



and the associated one-month projections from last month's Report.

| Table 02 | 2actuarial present value adjustments | | | | | | | |
|----------|--------------------------------------|-------------|--|-------------|--------------------------------------|-------------|-------------------|-------------|
| | | | Provisions for Adverse IBNR + actuarial pres | | Provisions for Adverse Deviations | | arial present | |
| | IBNR | | Discount Amount | | | | 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 | 8,121 | 577 | (2,825) | 26 | 40,247 | (382) | 45,543 | 221 |
| 2018 | 32,780 | (3,256) | (1,190) | - | 23,178 | 8 | 54,768 | (3,248) |
| 2019 | 83,202 | 428 | (1,675) | (1) | 33,578 | 17 | 115,105 | 444 |
| 2020 | 162,285 | 1,260 | (1,924) | 25 | 40,270 | (524) | 200,631 | 761 |
| TOTAL | 286,388 | (991) | (7,614) | 50 | 137,273 | (881) | 416,047 | (1,822) |

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

The IBNR provision is \$1.0 million lower than projected from last month, counterbalancing the recorded claims activity and adjusting for the 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.

The following table summarizes the variances in the provisions for premium deficiency liability / (deferred policy acquisition cost asset) included in this month's Operational Report and the one-month projections from last month's Report. This RSP is in a premium deficiency position (shown as a positive amount) prior to and after actuarial present value adjustments. Actuarial present value adjustments increase the liability value as the adjustments increase the expected future policy obligations (costs) associated with the unearned premium. The variances noted are mainly driven by the unearned premium variance.



| Table 03 | (Deferre | emium Deficiency / (Deferred Policy Acquisition Costs) | | actuarial present value adjustments | | Premium Deficiency / (DPAC) including actuarial present value adjustments | |
|--------------------------------|----------|--|--------|--|--------|--|--|
| | Actual | Actual less Projected | Actual | Actual less Projected | Actual | Actual less Projected | |
| balance: | 13,108 | (481) | 30,148 | (767) | 43,256 | (1,248) | |
| balance as % unearned premium: | 5.9% | (0.1%) | 13.6% | - | 19.6% | (0.1%) | |
| actual unearned premium: | 220,900 | | | | | | |

Ontario RSP Actual vs Projected Summary: Premium Deficiency / (DPAC) Amounts (\$ thousands)

less projected: (5,462)

Ultimate Loss Ratio Matching Method 3

An "ultimate loss ratio matching method" continues to be applied to the current month and two projected months shown in the Operational Reports, with IBNR determined by accident year as follows:

- Earned premium to-date (a)
- Ultimate loss¹¹ ratio per latest valuation (b)
- Estimated ultimate incurred = (a) x (b) (c)
- (d) Recorded indemnity & allowed claims expense to-date
- (e) IBNR = (c) - (d)

Calendar Year-to-Date Results 4

The following table summarizes the calendar year-to-date results for indemnity & allowed claims expenses¹², including IBNR.

In calculating the amounts as percentages of 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. Specifically, the current accident year (CAY) ratio in the table is 96.1% rather than 95.4% (the valuation ultimate ratio for accident year 2020), as the calendar year-to-date earned premium includes prior accident year earned premium adjustments. (Note that the ratios in this table may differ slightly from those shown in the Ontario RSP Summary of Operations due to rounding.)

¹¹"Loss" here refers to indemnity and allowed claims expenses, but does not include the claims expense allowance included in member company overall expense allowances ("Expense Allowance" in the Operational Report).

¹²Allowed claims expenses are first party legal and other expenses as listed in the RSP Claims Guide. Claims expenses paid through the member company expense allowance are NOT included in this analysis.

| Table 04 | YTD Nominal Values | | YTD actuarial pr adjustm | | YTD To | tal | Change from P YTD | |
|----------|--------------------|---------|-----------------------------|--------|-----------|---------|----------------------|--------|
| | Amount | % EP | Amount | % EP | Amount | % EP | Amount | LR pts |
| PAYs | (110,730) | (34.4%) | (13,638) | (4.2%) | (124,368) | (38.7%) | (2,884) | 3.4% |
| CAY | 309,113 | 96.1% | 38,346 | 11.9% | 347,459 | 108.0% | 35,480 | (0.1%) |
| TOTAL | 198,383 | 61.7% | 24,708 | 7.7% | 223,091 | 69.4% | 32,596 | 3.4% |

Ontario RSP Calendar Year-to-Date Indemnity & Allowed Claims Expense Summary (\$ thousands)

("% 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 reflects the additional month's exposure and regular changes to actuarial present value adjustments as the year ages.

5 Current Operational Report – Additional Exhibits

Section 6 provides exhibits pertaining to the actuarial provisions reflected in the current month's Operational 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 include an explicit provision 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 Operational Report as "Undiscounted IBNR".

The ultimate loss ratios presented in section 6, Exhibit B, refer to the estimates derived on the basis of various actuarial methodologies applied to the experience of the Ontario Risk Sharing Pool for the purposes of the most recent quarterly valuation. As discussed in section 3, IBNR in the current month's Operational 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
- EXHIBIT C Premium Liabilities
- EXHIBIT D Projected Year-end Policy Liabilities
- EXHIBIT E Discount Rate & Margins for Adverse Deviations
- EXHIBIT F Interest Rate Sensitivity
- EXHIBIT G Components of IBNR Change During Month



EXHIBIT A

| TABLE EXHIBIT A | | | Amount | ts in \$000s | | |
|------------------------------|-----------|-----------------|-----------|--------------|-----------|-----------|
| IBNR + M/S actuarial present | Accident | Actual | Actual | Projected | Projected | Projected |
| value adjustments | Year | Aug. 2020 | Sep. 2020 | Oct. 2020 | Nov. 2020 | Dec. 2020 |
| | prior | 2,764 | 2,713 | 2,635 | 2,564 | 2,483 |
| | 2001 | 123 | 123 | 119 | 116 | 112 |
| | 2002 | (50) | (50) | (47) | (47) | (45) |
| | 2003 | 16 | 16 | 15 | 15 | 14 |
| | 2004 | 203 | 204 | 195 | 192 | 184 |
| | 2005 | (43) | (43) | (41) | (41) | (39) |
| | 2006 | 206 | 203 | 196 | 193 | 186 |
| | 2007 | 205 | 204 | 199 | 193 | 187 |
| | 2008 | 77 | 78 | 77 | 75 | 72 |
| | 2009 | 356 | 355 | 344 | 337 | 325 |
| | 2010 | 480 | 761 | 730 | 717 | 688 |
| | 2011 | 545 | 431 | 424 | 409 | 401 |
| | 2012 | 454 | (515) | (473) | (480) | (443) |
| | 2013 | 1,405 | 1,453 | 1,418 | 1,376 | 1,338 |
| | 2014 | 2,870 | 3,196 | 3,110 | 3,024 | 2,932 |
| discount rate | 2015 | 2,956 | 3,736 | 3,659 | 3,541 | 3,452 |
| 0.29% | 2016 | 3,267 | 3,757 | 3,678 | 3,590 | 3,467 |
| | 2017 | 31,203 | 28,921 | 27,652 | 26,410 | 25,334 |
| interest rate margin | 2018 | 60,271 | 54,768 | 52,669 | 50,616 | 48,527 |
| 25 basis pts | 2019 | 117,761 | 115,105 | 111,650 | 108,083 | 105,256 |
| | 2020 | 185,137 | 200,631 | 207,912 | 211,523 | 204,226 |
| | TOTAL | 410,206 | 416,047 | 416,121 | 412,406 | 398,657 |
| | Change | | 5,841 | 74 | (3,715) | |
| | D1 | F 1.1. ~ | 100 | 0.0 | | ~ |

IBNR for Member Sharing - includes Actuarial Present Value Adjustments

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



EXHIBIT B

IBNR

| TABLE EXHIBIT B | | Amounts in \$000s | | | | | | | | |
|-----------------|------------------------|-------------------|---------------------|---------------------|------------------------|------------------------|------------------------|--|--|--|
| IBNR | Ultimate Loss Ratio | Accident Year | Actual Aug. 2020 | Actual Sep. 2020 | Projected Oct. 2020 | Projected Nov. 2020 | Projected Dec. 2020 | | | |
| | | prior | (47) | (89) | (86) | (86) | (83) | | | |
| | 126.2% | 2001 | 27 | 27 | 26 | 26 | 25 | | | |
| | 117.8% | 2002 | (51) | (51) | (48) | (48) | (46) | | | |
| | 90.4% | 2003 | 14 | 14 | 13 | 13 | 12 | | | |
| | 77.6% | 2004 | 98 | 99 | 94 | 93 | 88 | | | |
| | 73.4% | 2005 | (43) | (43) | (41) | (41) | (39) | | | |
| | 100.1% | 2006 | 28 | 26 | 25 | 25 | 24 | | | |
| | 99.9% | 2007 | 1 | 2 | 2 | 2 | 2 | | | |
| | 120.2% | 2008 | 5 | 7 | 7 | 7 | 7 | | | |
| | 154.4% | 2009 | 69 | 69 | 66 | 65 | 62 | | | |
| | 151.2% | 2010 | 94 | 384 | 365 | 361 | 343 | | | |
| | 85.9% | 2011 | (155) | (263) | (250) | (247) | (235) | | | |
| | 83.2% | 2012 | (363) | (1,245) | (1,183) | (1,171) | (1,112) | | | |
| | 93.4% | 2013 | (398) | (336) | (319) | (316) | (300) | | | |
| | 97.7% | 2014 | (918) | (325) | (309) | (306) | (291) | | | |
| | 108.2% | 2015 | (2,485) | (1,444) | (1,372) | (1,358) | (1,290) | | | |
| | 114.9% | 2016 | (3,636) | (2,936) | (2,789) | (2,650) | (2,517) | | | |
| | 105.3% | 2017 | 16,027 | 14,225 | 13,514 | 12,838 | 12,196 | | | |
| | 113.7% | 2018 | 37,933 | 32,780 | 31,141 | 29,584 | 28,105 | | | |
| | 111.7% | 2019 | 85,422 | 83,202 | 80,290 | 77,319 | 75,077 | | | |
| | 95.4% | 2020 | 150,185 | 162,285 | 165,856 | 166,196 | 157,991 | | | |
| | | TOTAL | 281,807 | 286,388 | 285,002 | 280,306 | 268,019 | | | |
| | | Change | | 4,581 | (1,386) | (4,696) | | | | |

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



EXHIBIT C

Premium Liabilities

| TABLE EXHIBIT C | | Amount | ts in \$000s | | |
|---|---------------------|---------------------|------------------------|------------------------|------------------------|
| Premium Liabilities | Actual Aug. 2020 | Actual Sep. 2020 | Projected Oct. 2020 | Projected Nov. 2020 | Projected Dec. 2020 |
| (1) unearned premium (UP) | 217,630 | 220,900 | 227,977 | 243,706 | 238,631 |
| FOR MEMBER SHARING | | | | | |
| (2) expected future costs ratio {% of (1)} | 117.1% | 119.6% | 122.4% | 125.3% | 128.4% |
| (3) expected future costs {(1) x (2)} | 254,904 | 264,156 | 279,002 | 305,301 | 306,285 |
| (4) premium deficiency / (deferred policy | | | | | |
| acquisition cost) | 37,274 | 43,256 | 51,025 | 61,595 | 67,654 |
| Excluding Actuarial Present Value Adjustments | | | | | |
| (5) expected future costs ratio {% of (1)} | 103.8% | 105.9% | 108.4% | 111.0% | 113.7% |
| (6) expected future costs {(1) x (5)}(7) premium deficiency / (deferred policy | 225,813 | 234,008 | 247,157 | 270,453 | 271,323 |
| acquisition cost) | 8,183 | 13,108 | 19,180 | 26,747 | 32,692 |



EXHIBIT D

Projected Year-end Policy Liabilities

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

| Ontario | Projected Balances as at Dec. 31, 2020 (\$000s) | | | | | | | | | | |
|----------------------|---|-----------------------------------|--------------------|----------|--|--------------------------------|------------------------------|---------------------|---------------------|------------------|--|
| ending 2020 | nominal values | | | | actuarial present value adjustments (apvs) | | | | | | |
| Acc Yr | Case | IBNR | Total Unpaid | discount | investment PfAD | nominal development PfAD | development PfAD discount | development PfAD | Total apvs | TOTAL | |
| prior | 26,097 | (83) | 26,014 | (182) | 156 | 2,610 | (18) | 2,592 | 2,566 | 28,580 | |
| 2001 | 868 | 25 | 893 | (7) | 6 | 89 | (1) | 88 | 87 | 980 | |
| 2002 | 57 | (46) | 11 | - | - | 1 | - | 1 | 1 | 12 | |
| 2003 | 6 | 12 | 18 | - | - | 2 | - | 2 | 2 | 20 | |
| 2004 | 898 | 88 | 986 | (11) | 9 | 99 | (1) | 98 | 96 | 1,082 | |
| 2005 | 37 | (39) | (2) | - | - | - | - | - | - | (2 | |
| 2006 | 1,659 | 24 | 1,683 | (25) | 22 | 168 | (3) | 165 | 162 | 1,845 | |
| 2007 | 1,918 | 2 | 1,920 | (31) | 27 | 192 | (3) | 189 | 185 | 2,105 | |
| 2008 | 673 | 7 | 680 | (12) | 10 | 68 | (1) | 67 | 65 | 745 | |
| 2009 | 2,696 | 62 | 2,758 | (52) | 44 | 276 | (5) | 271 | 263 | 3,021 | |
| 2010 | 3,287 | 343 | 3,630 | (73) | 62 | 363 | (7) | 356 | 345 | 3,975 | |
| 2011 | 6,833 | (235) | 6,598 | (112) | 99 | 660 | (11) | 649 | 636 | 7,234 | |
| 2012 | 8,044 | (1,112) | 6,932 | (104) | 90 | 693 | (10) | 683 | 669 | 7,601 | |
| 2013 | 17,219 | (300) | 16,919 | (203) | 169 | 1,692 | (20) | 1,672 | 1,638 | 18,557 | |
| 2014 | 33,148 | (291) | 32,857 | (296) | 263 | 3,286 | (30) | 3,256 | 3,223 | 36,080 | |
| 2015 | 49,540 | (1,290) | 48,250 | (338) | 289 | 4,825 | (34) | 4,791 | 4,742 | 52,992 | |
| 2016 | 63,322 | (2,517) | 60,805 | (365) | 304 | 6,081 | (36) | 6,045 | 5,984 | 66,789 | |
| 2017 | 94,506 | 12,196 | 106,702 | (747) | 640 | 13,338 | (93) | 13,245 | 13,138 | 119,840 | |
| 2018 | 110,070 | 28,105 | 138,175 | (1,105) | 967 | 20,726 | (166) | 20,560 | 20,422 | 158,597 | |
| 2019 | 100,963 | 75,077 | 176,040 | (1,584) | 1,408 | 30,631 | (276) | 30,355 | 30,179 | 206,219 | |
| PAYs (sub-total): | 521,841 | 110,028 | 631,869 | (5,247) | 4,565 | 85,800 | (715) | 85,085 | 84,403 | 716,272 | |
| CAY (2020) | 99,785 | 157,991 | 257,776 | (2,320) | 2,062 | 46,915 | (422) | 46,493 | 46,235 | 304,011 | |
| claims liabilities: | 621,626 | 268,019 | 889,645 | (7,567) | 6,627 | 132,715 | (1,137) | 131,578 | 130,638 | 1,020,283 | |
| | Unearned Premium | Premium Deficiency / (DPAC) | Total Provision | discount | investment PfAD | nominal development PfAD | development PfAD discount | development PfAD | Total apvs | TOTAL* | |
| premium liabilities: | 238,631 | 32,692 | 271,323 | (1,896) | 1,625 | 35,481 | (248) | 35,233 | 34,962 | 306,285 | |
| | | | | | | • | Total may not be s | um of parts, as ap | ovs apply to future | costs within UPR | |
| policy liabilities: | | | 1,160,968 | (9,463) | 8,252 | 168,196 | (1,385) | 166,811 | 165,600 | 1,326,568 | |



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.

| Accident Year Third Party Liability Accident Benefits Other Coverages Total 1993 10.0% 10.0% 10.0% 10.0% 10.0% 1994 10.0% 10.0% 10.0% 10.0% 10.0% 1995 10.0% 10.0% 10.0% 10.0% 10.0% 1995 10.0% 10.0% 10.0% 10.0% 10.0% 1996 10.0% 10.0% 10.0% 10.0% 10.0% 1997 10.0% 10.0% 10.0% 10.0% 10.0% 1998 10.0% 10.0% 10.0% 10.0% 10.0% 2000 10.0% 10.0% 10.0% 10.0% 10.0% 2001 10.0% 10.0% 10.0% 10.0% 10.0% 2003 10.0% 10.0% 10.0% 10.0% 10.0% 2005 10.0% 10.0% 10.0% 10.0% 10.0% 2006 10.0% 10.0% 10.0% 10.0% 10.0% | | | | | | | | | | | |
|--|-----------|-------------|---------|-------|---------|--|--|--|--|--|--|
| Year Liability Benefits Coverages Margins Margins 1993 10.0% 10.0% 10.0% 10.0% 10.0% 1994 10.0% 10.0% 10.0% 10.0% 1995 10.0% 10.0% 10.0% 10.0% 1995 10.0% 10.0% 10.0% 10.0% 1995 10.0% 10.0% 10.0% 10.0% 1996 10.0% 10.0% 10.0% 10.0% 1997 10.0% 10.0% 10.0% 10.0% 1998 10.0% 10.0% 10.0% 10.0% 2000 10.0% 10.0% 10.0% 10.0% 2001 10.0% 10.0% 10.0% 10.0% 2002 10.0% 10.0% 10.0% 10.0% 2003 10.0% 10.0% 10.0% 10.0% 2005 10.0% 10.0% 10.0% 10.0% 2006 10.0% 10.0% 10.0% 10.0% <td>Accident</td> <td>Third Party</td> <td></td> <td></td> <td></td> | Accident | Third Party | | | | | | | | | |
| $\begin{tabular}{ c c c c c c c c c c c c c c c c c c c$ | | • | | | Total | | | | | | |
| $\begin{array}{c c c c c c c c c c c c c c c c c c c $ | | • | Margins | • | Margins | | | | | | |
| $\begin{array}{ c c c c c c c c c c c c c c c c c c c$ | 1993 | 10.0% | 10.0% | 10.0% | 10.0% | | | | | | |
| $\begin{array}{c c c c c c c c c c c c c c c c c c c $ | 1994 | 10.0% | 10.0% | 10.0% | 10.0% | | | | | | |
| $\begin{array}{c ccccccccccccccccccccccccccccccccccc$ | 1995 | 10.0% | 10.0% | 10.0% | 10.0% | | | | | | |
| $\begin{array}{c c c c c c c c c c c c c c c c c c c $ | 1996 | 10.0% | 10.0% | 10.0% | 10.0% | | | | | | |
| $\begin{array}{c ccccccccccccccccccccccccccccccccccc$ | 1997 | 10.0% | 10.0% | 10.0% | 10.0% | | | | | | |
| $\begin{array}{c c c c c c c c c c c c c c c c c c c $ | 1998 | 10.0% | 10.0% | 10.0% | 10.0% | | | | | | |
| $\begin{array}{c ccccccccccccccccccccccccccccccccccc$ | 1999 | 10.0% | 10.0% | 10.0% | 10.0% | | | | | | |
| $\begin{array}{c c c c c c c c c c c c c c c c c c c $ | 2000 | 10.0% | 10.0% | 10.0% | 9.9% | | | | | | |
| $\begin{array}{c ccccccccccccccccccccccccccccccccccc$ | 2001 | 10.0% | 10.0% | 10.0% | 10.0% | | | | | | |
| $\begin{array}{c c c c c c c c c c c c c c c c c c c $ | 2002 | 10.0% | 10.0% | 10.0% | 10.0% | | | | | | |
| $\begin{array}{c c c c c c c c c c c c c c c c c c c $ | 2003 | 10.0% | 10.0% | 10.0% | 10.0% | | | | | | |
| $\begin{array}{c c c c c c c c c c c c c c c c c c c $ | 2004 | 10.0% | 10.0% | 10.0% | 10.0% | | | | | | |
| $\begin{array}{c c c c c c c c c c c c c c c c c c c $ | 2005 | 10.0% | 10.0% | 10.0% | 10.0% | | | | | | |
| $\begin{array}{c c c c c c c c c c c c c c c c c c c $ | 2006 | 10.0% | 10.0% | 10.0% | 10.0% | | | | | | |
| $\begin{array}{c c c c c c c c c c c c c c c c c c c $ | 2007 | 10.0% | 10.0% | 10.0% | 10.0% | | | | | | |
| $\begin{array}{c c c c c c c c c c c c c c c c c c c $ | 2008 | 10.0% | 10.0% | 10.0% | 10.0% | | | | | | |
| $\begin{array}{c c c c c c c c c c c c c c c c c c c $ | 2009 | 10.0% | 10.0% | 10.0% | 10.0% | | | | | | |
| $\begin{array}{c c c c c c c c c c c c c c c c c c c $ | 2010 | 10.0% | 10.0% | 10.0% | 10.0% | | | | | | |
| $\begin{array}{c c c c c c c c c c c c c c c c c c c $ | 2011 | 10.0% | 10.0% | 10.0% | 10.0% | | | | | | |
| $\begin{array}{c c c c c c c c c c c c c c c c c c c $ | 2012 | 10.0% | 10.0% | 10.0% | 10.0% | | | | | | |
| $\begin{array}{c c c c c c c c c c c c c c c c c c c $ | 2013 | 10.0% | 10.0% | 10.0% | 10.0% | | | | | | |
| $\begin{array}{c c c c c c c c c c c c c c c c c c c $ | 2014 | 10.0% | 10.0% | 9.9% | 10.0% | | | | | | |
| 2017 12.5% 12.5% 12.5% 2018 15.0% 15.0% 14.5% 15.0% 2019 17.4% 17.5% 14.5% 17.4% 2020 17.8% 20.0% 6.2% 18.2% 2021 12.4% 20.0% 5.2% 13.1% | 2015 | 10.0% | 10.0% | 9.8% | 10.0% | | | | | | |
| $ \begin{array}{c ccccccccccccccccccccccccccccccccccc$ | 2016 | 10.0% | 10.0% | 9.9% | 10.0% | | | | | | |
| 2019 17.4% 17.5% 14.5% 17.4% 2020 17.8% 20.0% 6.2% 18.2% 2021 12.4% 20.0% 5.2% 13.1% | 2017 | 12.5% | 12.5% | 12.5% | 12.5% | | | | | | |
| 2020 17.8% 20.0% 6.2% 18.2% 2021 12.4% 20.0% 5.2% 13.1% | 2018 | 15.0% | 15.0% | 14.5% | 15.0% | | | | | | |
| 2021 12.4% 20.0% 5.2% 13.1% | 2019 | 17.4% | 17.5% | 14.5% | 17.4% | | | | | | |
| | 2020 | 17.8% | 20.0% | 6.2% | 18.2% | | | | | | |
| prem liab 12.4% 20.0% 5.2% 13.1% | 2021 | 12.4% | 20.0% | 5.2% | 13.1% | | | | | | |
| | prem liab | 12.4% | 20.0% | 5.2% | 13.1% | | | | | | |

Selected Claims Development MfADs (Jun. 30,

discount rate: 0.29%

margin (basis points): 25



EXHIBIT F

Interest Rate Sensitivity

The tables below present sensitivity to the member statement claims liability as projected to Dec. 31, 2020 from the latest valuation date (projections in exhibits A to D are to Dec. 31, 2020, and are based on more up-to-date information). We have included the most recent valuation selection (0.29%), the prior valuation assumption (0.66%) and the prior fiscal year end valuation assumption (1.41%) for comparative purposes. A 25 basis point margin for investment return adverse deviation is used in all scenarios presented.

| \$ Format: \$0 | 000s | | | | | | | |
|----------------|---------------|----------------|-----------------|----------------|---------------|------------------|----------------|---------------|
| | Actuar | ial Present Va | lue of Provisio | ons at Various | Discount Rate | es - Dec. 31, 20 | 20 projected l | Jnpaid |
| AY | 0.00% | 0.00% | 0.29% | 0.79% | 1.29% | 1.79% | 0.66% | 1.41% |
| 2002 & | | | | | | | | |
| prior | 29,401 | 29,401 | 29,356 | 28,996 | 28,648 | 28,304 | 29,091 | 28,564 |
| 2003 | 8 | 8 | 8 | 8 | 7 | 7 | 8 | 7 |
| 2004 | 1,053 | 1,053 | 1,051 | 1,031 | 1,011 | 992 | 1,036 | 1,007 |
| 2005 | 42 | 42 | 42 | 41 | 40 | 40 | 42 | 40 |
| 2006 | 1,937 | 1,937 | 1,931 | 1,883 | 1,836 | 1,792 | 1,895 | 1,825 |
| 2007 | 2,274 | 2,274 | 2,266 | 2,203 | 2,143 | 2,086 | 2,219 | 2,129 |
| 2009 | 3,231 | 3,231 | 3,217 | 3,114 | 3,016 | 2,923 | 3,141 | 2,993 |
| 2010 | 4,369 | 4,369 | 4,350 | 4,201 | 4,061 | 3,928 | 4,240 | 4,028 |
| 2011 | 6,777 | 6,777 | 6,752 | 6,556 | 6,370 | 6,194 | 6,607 | 6,327 |
| 2012 | 8,216 | 8,216 | 8,189 | 7,981 | 7,785 | 7,599 | 8,035 | 7,740 |
| 2013 | 15,914 | 15,914 | 15,872 | 15,545 | 15,236 | 14,943 | 15,629 | 15,163 |
| 2014 | 32,048 | 32,048 | 31,986 | 31,501 | 31,043 | 30,606 | 31,627 | 30,936 |
| 2015 | 50,104 | 50,104 | 50,028 | 49,441 | 48,879 | 48,337 | 49,589 | 48,744 |
| 2016 | 66,884 | 66,884 | 66,793 | 66,057 | 65,350 | 64,669 | 66,250 | 65,186 |
| 2017 | 121,722 | 121,722 | 121,525 | 120,116 | 118,754 | 117,428 | 120,485 | 118,425 |
| 2018 | 160,436 | 160,436 | 160,122 | 158,060 | 156,042 | 154,094 | 158,595 | 155,565 |
| 2019 | 204,972 | 204,972 | 204,486 | 201,453 | 198,484 | 195,645 | 202,225 | 197,795 |
| 2020 | 295,567 | 295,567 | 294,853 | 290,476 | 286,192 | 282,102 | 291,589 | 285,200 |
| Total | 1,005,787 | 1,005,787 | 1,003,656 | 989,467 | 975,678 | 962,448 | 993,114 | 972,450 |
| | curr - 100 bp | curr - 50 bp | curr val | curr + 50bp | curr + 100bp | curr + 150bp | prior val | prior fyr end |
| | | | assumption | | | | assumption | assumption |

| | Dollar Impact Relative to Valuation Assumption | | | | | | | | | |
|-------|--|--------------|------------|-------------|--------------|--------------|------------|---------------|--|--|
| AY | 0.00% | 0.00% | 0.29% | 0.79% | 1.29% | 1.79% | 0.66% | 1.41% | | |
| Total | 2,131 | 2,131 | - | (14,189) | (27,978) | (41,208) | (10,542) | (31,206) | | |
| | curr - 100 bp | curr - 50 bp | curr val | curr + 50bp | curr + 100bp | curr + 150bp | prior val | prior fyr end | | |
| | | | assumption | | | | assumption | assumption | | |

| | Percentage Impact Relative to Valuation Assumption | | | | | | | | | |
|--------|--|--------------|------------|-------------|--------------|--------------|------------|---------------------|--|--|
| AY | 0.00% | 0.00% | 0.29% | 0.79% | 1.29% | 1.79% | 0.66% | 1.41% | | |
| 2002 & | | | | | | | | | | |
| prior | 0.2% | 0.2% | - | (1.2%) | (2.4%) | (3.6%) | (0.9%) | (2.7%) | | |
| 2003 | - | - | - | - | (12.5%) | (12.5%) | - | (12.5%) | | |
| 2004 | 0.2% | 0.2% | - | (1.9%) | (3.8%) | (5.6%) | (1.4%) | (4.2%) | | |
| 2005 | - | - | - | (2.4%) | (4.8%) | (4.8%) | - | (4.8%) | | |
| 2006 | 0.3% | 0.3% | - | (2.5%) | (4.9%) | (7.2%) | (1.9%) | <mark>(5.5%)</mark> | | |
| 2007 | 0.4% | 0.4% | - | (2.8%) | (5.4%) | (7.9%) | (2.1%) | (6.0%) | | |
| 2009 | 0.4% | 0.4% | - | (3.2%) | (6.2%) | (9.1%) | (2.4%) | (7.0%) | | |
| 2010 | 0.4% | 0.4% | - | (3.4%) | (6.6%) | (9.7%) | (2.5%) | (7.4%) | | |
| 2011 | 0.4% | 0.4% | - | (2.9%) | (5.7%) | (8.3%) | (2.1%) | <mark>(6.3%)</mark> | | |
| 2012 | 0.3% | 0.3% | - | (2.5%) | (4.9%) | (7.2%) | (1.9%) | (5.5%) | | |
| 2013 | 0.3% | 0.3% | - | (2.1%) | (4.0%) | (5.9%) | (1.5%) | (4.5%) | | |
| 2014 | 0.2% | 0.2% | - | (1.5%) | (2.9%) | (4.3%) | (1.1%) | (3.3%) | | |
| 2015 | 0.2% | 0.2% | - | (1.2%) | (2.3%) | (3.4%) | (0.9%) | (2.6%) | | |
| 2016 | 0.1% | 0.1% | - | (1.1%) | (2.2%) | (3.2%) | (0.8%) | (2.4%) | | |
| 2017 | 0.2% | 0.2% | - | (1.2%) | (2.3%) | (3.4%) | (0.9%) | (2.6%) | | |
| 2018 | 0.2% | 0.2% | - | (1.3%) | (2.5%) | (3.8%) | (1.0%) | (2.8%) | | |
| 2019 | 0.2% | 0.2% | - | (1.5%) | (2.9%) | (4.3%) | (1.1%) | <mark>(3.3%)</mark> | | |
| 2020 | 0.2% | 0.2% | - | (1.5%) | (2.9%) | (4.3%) | (1.1%) | (3.3%) | | |
| Total | 0.2% | 0.2% | - | (1.4%) | (2.8%) | (4.1%) | (1.1%) | (3.1%) | | |
| | curr - 100 bp | curr - 50 bp | curr val | curr + 50bp | curr + 100bp | curr + 150bp | prior val | prior fyr end | | |
| | | | assumption | | | | assumption | assumption | | |



EXHIBIT G

Page 1 of 2

Components of Member Statement IBNR (i.e. "Discounted") Change During Month

| RSP AccountCode Desc | Ontario IBNR - Discountee | 3 | | | | M | /S IBNR - in \$000s |
|-------------------------|--|----------------------------|---|---|------------------------|--------------------------|---|
| | Values | | | | | | |
| AccYear | Sum of Prior Month Actual Amount | Sum of Projected Change | Sum of Change Due to AvsP Variances | Sum of Change Due to Valuation Implementation | Sum of Total Change | Sum of % Total Change | Sum of Current Month Final Amount |
| prior | 2,764 | (72) | 21 | - | (51) | (1.8%) | 2,713 |
| 2001 | 123 | (3) | 3 | - | - | - | 123 |
| 2002 | (50) | 1 | (1) | - | - | - | (50) |
| 2003 | 16 | - | - | - | - | - | 16 |
| 2004 | 203 | (5) | 6 | - | 1 | 0.5% | 204 |
| 2005 | (43) | - | - | - | - | - | (43) |
| 2006 | 206 | (5) | 2 | - | (3) | (1.5%) | 203 |
| 2007 | 205 | (6) | 5 | - | (1) | (0.5%) | 204 |
| 2008 | 77 | (1) | 2 | - | 1 | 1.3% | 78 |
| 2009 | 356 | (8) | 7 | - | (1) | (0.3%) | 355 |
| 2010 | 480 | (12) | 293 | - | 281 | 58.5% | 761 |
| 2011 | 545 | (17) | (97) | - | (114) | (20.9%) | 431 |
| 2012 | 454 | (17) | (952) | - | (969) | (213.4%) | (515) |
| 2013 | 1,405 | (45) | 93 | - | 48 | 3.4% | 1,453 |
| 2014 | 2,870 | (89) | 415 | - | 326 | 11.4% | 3,196 |
| 2015 | 2,956 | (117) | 897 | - | 780 | 26.4% | 3,736 |
| 2016 | 3,267 | (184) | 674 | - | 490 | 15.0% | 3,757 |
| 2017 | 31,203 | (1,135) | (1,147) | - | (2,282) | (7.3%) | 28,921 |
| 2018 | 60,271 | (2,255) | (3,248) | - | (5,503) | (9.1%) | 54,768 |
| 2019 | 117,761 | (3,100) | 444 | - | (2,656) | (2.3%) | 115,105 |
| 2020 | 185,137 | 14,733 | 761 | - | 15,494 | 8.4% | 200,631 |
| Grand Total | 410,206 | 7,663 | (1,822) | - | 5,841 | 1.4% | 416,047 |



EXHIBIT G

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Components of IBNR (i.e. "Undiscounted") Change During Month

| | - | | | | | | | | | | |
|------------------|--|----------------------------|---|---|------------------------|--------------------------|---|--|--|--|--|
| RSP | Ontario | | | | | | | | | | |
| AccountCode Desc | IBNR - Undiscoun | ted | | | | | IBNR - in \$000s | | | | |
| | | | | | | | | | | | |
| | Values | | | | 1 | | | | | | |
| AccYear | Sum of Prior Month Actual Amount | Sum of Projected Change | Sum of Change Due to AvsP Variances | Sum of Change Due to Valuation Implementation | Sum of Total Change | Sum of % Total Change | Sum of Current Month Final Amount | | | | |
| prior | (47) | - | (42) | - | (42) | 89.4% | (89) | | | | |
| 2001 | 27 | - | - | - | - | - | 27 | | | | |
| 2002 | (51) | 1 | (1) | - | - | - | (51) | | | | |
| 2003 | 14 | - | - | - | - | - | 14 | | | | |
| 2004 | 98 | (1) | 2 | - | 1 | 1.0% | 99 | | | | |
| 2005 | (43) | - | - | - | - | - | (43) | | | | |
| 2006 | 28 | - | (2) | - | (2) | (7.1%) | 26 | | | | |
| 2007 | 1 | - | 1 | - | 1 | 100.0% | 2 | | | | |
| 2008 | 5 | - | 2 | - | 2 | 40.0% | 7 | | | | |
| 2009 | 69 | (1) | 1 | - | - | - | 69 | | | | |
| 2010 | 94 | (1) | 291 | - | 290 | 308.5% | 384 | | | | |
| 2011 | (155) | 2 | (110) | - | (108) | 69.7% | (263) | | | | |
| 2012 | (363) | 4 | (886) | - | (882) | 243.0% | (1,245) | | | | |
| 2013 | (398) | 4 | 58 | - | 62 | (15.6%) | (336) | | | | |
| 2014 | (918) | 9 | 584 | - | 593 | (64.6%) | (325) | | | | |
| 2015 | (2,485) | 25 | 1,016 | - | 1,041 | (41.9%) | (1,444) | | | | |
| 2016 | (3,636) | 36 | 664 | - | 700 | (19.3%) | (2,936) | | | | |
| 2017 | 16,027 | (801) | (1,001) | - | (1,802) | (11.2%) | 14,225 | | | | |
| 2018 | 37,933 | (1,897) | (3,256) | - | (5,153) | (13.6%) | 32,780 | | | | |
| 2019 | 85,422 | (2,648) | 428 | - | (2,220) | (2.6%) | 83,202 | | | | |
| 2020 | 150,185 | 10,840 | 1,260 | - | 12,100 | 8.1% | 162,285 | | | | |
| Grand Total | 281,807 | 5,572 | (991) | - | 4,581 | 1.6% | 286,388 | | | | |