

CALENDAR YEAR 2022 FINAL RSP OUTLOOK

(RISK SHARING POOLS)

DECEMBER 2021

BASED ON OCTOBER 2021 OPERATIONAL REPORTS

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

Should you require any further information, please call:

Sheetal Savani, CPA
VP Finance, Audit & CFO
416-863-1750 ext. 5626

CALENDAR YEAR 2022 FINAL RSPs OUTLOOK

RISK SHARING POOLS (RSPs)

DECEMBER 2021

BASED ON OCTOBER 2021 OPERATIONAL REPORTS

TABLE OF CONTENTS

1. EXECUTIVE SUMMARY	4
2. INTRODUCTION.....	7
2.1 Introductory Comments	7
2.2 Projected Calendar Year 2022 Operating Results.....	8
2.3 Updated Projections for Calendar Year 2021	15
3. BASIS FOR PROJECTIONS.....	17
3.1 Premiums	17
3.2 Claims Amounts (Indemnity & Allowed Claims Expenses)	23
3.3 Non-Claims Expenses	28
3.4 Operating Cash Flows	30
3.5 Distributed (Charged) to Member Accounts	34
4. APPENDIX	34
Definitions and Presentation	34
5. EXHIBITS	36
Exhibit A	37
Exhibit B.....	43
Exhibit C.....	55
Exhibit D	67

LIST OF EXHIBITS

EXHIBIT A	Key Assumptions (counts, premium, loss ratios)
	A-1 Ontario
	A-2 Alberta Grid
	A-3 Alberta Non-Grid
	A-4 New Brunswick
	A-5 Nova Scotia
	A-6 Newfoundland & Labrador

EXHIBIT B RSP Outlook – Summary of Operations

B-1 Ontario

B-2 Alberta Grid

B-3 Alberta Non-Grid

B-4 New Brunswick

B-5 Nova Scotia

B-6 Newfoundland & Labrador

EXHIBIT C RSP Outlook – Projected Policy Liabilities

C-1 Ontario

C-2 Alberta Grid

C-3 Alberta Non-Grid

C-4 New Brunswick

C-5 Nova Scotia

C-6 Newfoundland & Labrador

EXHIBIT D PAYs' Claims Liabilities Development

LINKS TO SPECIFIC REFERENCED DOCUMENTS

Actuarial Highlights - Monthly Operational – October 2021

[Ontario RSP October 2021 Operational Report - Actuarial Highlights](#)

[Alberta Grid RSP October 2021 Operational Report - Actuarial Highlights](#)

[Alberta Non-Grid RSP October 2021 Operational Report - Actuarial Highlights](#)

[New Brunswick RSP October 2021 Operational Report - Actuarial Highlights](#)

[Nova Scotia RSP October 2021 Operational Report - Actuarial Highlights](#)

Outlook

[Risk Sharing Pools' Final Outlook for Calendar Year 2021](#)

1. Executive Summary

This “**Final RSP Outlook**” is a projection of Facility Association Risk Sharing Pools (“RSP”) Operating Results for a future complete calendar year using actual experience available up to a specific point in time, and based on assumptions developed for this specific purpose. Consideration has been given to recent RSP experience, to the results of the September 30, 2021 valuation of the RSP policy liabilities, and to monthly premium projections developed for RSP Monthly Member Operational Reports.

Key Takeaways

- **All 6 RSPs** are projected to have **continued growth in written premium** (35% overall), which includes higher forecasted written premium in Ontario as a result of the RSP Harmonization change which will increase the portion of risk ceded to the Ontario RSP from 85% to 100%;
- Across **all 6 RSPs**, we are projecting **written premium** of \$845 million for 2021, increasing to **\$1,112 million for 2022**, with a **COR** of 100.5% for 2021 (favourable impacted by COVID-19 impact), increasing to **140.3% for 2022** – these CORs do NOT include all expenses at the member level (for example, excludes premium taxes);
- We are projecting the **6 RSPs** to generate an **operating cash inflow¹ of \$80 million in 2022**, up from a projected inflow of \$66 million for 2021 (compared with cash outflows in calendar years 2020 and 2019 at \$78 million and \$69 million respectively), due to the projected written premium growth of the RSPs as well as the expected timing of future claim payments; and
- The projected Calendar Year 2022 result in this Outlook reflects the RSP Harmonization changes (effective January 1, 2022).

The tables that follow provide a high-level summary of key metrics projected for Calendar Years 2022 and 2021, with actuals for 2020 provided for reference. Supporting details related to the projections are provided in the body of this report.

¹An operating cash outflow is generated when premium submitted to / collected for an RSP is less than the RSP's disbursements for claims and all expenses. Operating cash outflows are funded by the FA membership via monthly cash settlements with members.

Executive Summaries – Calendar Year 2022 – Key Amounts (\$000s) and Key Ratios

Actual and Projected Calendar Year Results						
Ontario RSP		2022	2021	Change (to 2022 from 2021)		2020
Written	Premium (\$000s)	516,439	388,167	128,272	33.0%	401,800
	Vehicle Count	204,289	179,240	25,049	14.0%	191,969
Earned	Premium (\$000s)	477,938	385,981	91,957	23.8%	420,634
Net Operating Result (\$000s)		(260,572)	(32,588)	(227,984)	699.6%	41,307
COR		154.5%	108.4%	46.1%	42.5%	90.2%
Prior Accident Years' incurred claims (\$000s)		(23,376)	(82,048)	58,672	(71.5%)	(140,554)

Actual and Projected Calendar Year Results						
Alberta Grid RSP		2022	2021	Change (to 2022 from 2021)		2020
Written	Premium (\$000s)	296,273	227,544	68,729	30.2%	182,442
	Vehicle Count	114,011	78,748	35,263	44.8%	66,575
Earned	Premium (\$000s)	262,801	200,782	62,019	30.9%	195,875
Net Operating Result (\$000s)		(43,498)	32,791	(76,289)	(232.7%)	12,771
COR		116.5%	83.7%	32.8%	39.2%	93.5%
Prior Accident Years' incurred claims (\$000s)		(7,734)	(41,200)	33,466	(81.2%)	(15,403)

Actual and Projected Calendar Year Results						
Alberta Non-Grid RSP		2022	2021	Change (to 2022 from 2021)		2020
Written	Premium (\$000s)	223,687	168,454	55,233	32.8%	121,404
	Vehicle Count	107,044	87,250	19,794	22.7%	69,345
Earned	Premium (\$000s)	198,176	139,861	58,315	41.7%	123,889
Net Operating Result (\$000s)		(78,428)	(11,860)	(66,568)	561.3%	(33,482)
	COR	139.6%	108.5%	31.1%	28.7%	127.0%
Prior Accident Years' incurred claims (\$000s)		(5,249)	(25,135)	19,886	(79.1%)	(5,764)

Actual and Projected Calendar Year Results						
New Brunswick RSP		2022	2021	Change (to 2022 from 2021)		2020
Written	Premium (\$000s)	30,074	20,779	9,295	44.7%	19,306
	Vehicle Count	17,213	12,756	4,457	34.9%	12,724
Earned	Premium (\$000s)	26,023	20,312	5,711	28.1%	18,039
Net Operating Result (\$000s)		(8,269)	295	(8,564)	(2,902.9%)	(3,159)
	COR	131.8%	98.5%	33.3%	33.8%	117.5%
Prior Accident Years' incurred claims (\$000s)		(543)	(2,330)	1,787	(76.7%)	1,359

Actual and Projected Calendar Year Results						
Nova Scotia RSP		2022	2021	Change (to 2022 from 2021)		2020
Written	Premium (\$000s)	33,322	32,580	742	2.3%	45,525
	Vehicle Count	16,864	17,145	(281)	(1.6%)	24,247
Earned	Premium (\$000s)	34,102	41,523	(7,421)	(17.9%)	37,402
Net Operating Result (\$000s)		(10,758)	10,600	(21,358)	(201.5%)	(10,207)
	COR	131.5%	74.5%	57.0%	76.5%	127.3%
Prior Accident Years' incurred claims (\$000s)		(1,199)	(12,718)	11,519	(90.6%)	(5,237)

Actual and Projected Calendar Year Results						
Newfoundland & Labrador RSP		2022	2021	Change (to 2022 from 2021)		2020
Written	Premium (\$000s)	11,933	7,315	4,618	63.1%	203
	Vehicle Count	8,963	5,467	3,496	64.0%	174
Earned	Premium (\$000s)	9,418	3,537	5,881	166.3%	54
Net Operating Result (\$000s)		(4,539)	(3,236)	(1,303)	40.3%	(320)
	COR	148.2%	191.5%	(43.3%)	(22.6%)	693.3%
Prior Accident Years' incurred claims (\$000s)		(70)	(2)	(68)	3,400.0%	-

This Outlook is a projection of future events based on models and assumptions believed to be realistic simplifications of the real world, but as simplifications, inherent uncertainty exists in relation to how actual events will unfold relative to these projections. In particular, under the COVID-19 environment with an increased level of uncertainty (in both premium and loss ratio projections), **the user of this Outlook should recognize that future Operating Results may deviate from these projections by material² amounts.**

In general, each year two RSP Outlooks are released for members, being “Preliminary” and “Final” versions in relation to the next calendar year. The former is released earlier in the current year to allow members to consider the projected results early on in their planning process, but necessarily includes significant projection error, as almost two full calendar years require projecting. The latter is released in the fall of the current year. Due to resource constraints, the **Preliminary** RSP Outlook for **Calendar Year 2022** was **NOT released** earlier this year. This release is the **Final** RSP Outlook for **Calendar Year 2022** based on the actual results as found in the October 2021 Operational Reports.

Updated projections will be made throughout 2022 and included in the Bulletins and the Calendar Year Summary of Operations posted on the FA website on a monthly basis. This will provide members with the most up-to-date projection for the full current calendar year.

It is important to note that RSP Harmonization will be in effect January 1st, 2022 and **this Outlook for Calendar year 2022 has incorporated the RSP Harmonization changes.** For additional details on the Plan of Operation Amendments, please refer to Bulletin [F2020-050](#) that was provided to the membership last year.

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

Readers are also reminded that, this Outlook was prepared for the member companies of the Facility Association to assist them in estimating their share of RSPs results for planning purposes. It is not intended, nor is it necessarily suitable, for any other purpose.

Unless specifically noted in this document, no explicit provision has been made for causes of loss

²Materiality is a relative concept. As used here, material deviations are those that could reasonably be expected to influence decisions by users of this Outlook.

which are not already reflected in the historical data, nor for otherwise unforeseen changes to the legal or economic environment in which claims are settled, including changes in the interpretation of existing legislation or regulation on matters currently before the courts.

While we work hard to ensure the projections are based on assumptions we feel are reasonable and appropriate given our current information, **there is significant uncertainty related to these projections** primarily due to the following reasons,

- Changes in the amount of business ceded to the RSPs
Our projected vehicle counts and projected written premium is provided by the main RSP users. FA management follows-up for confirmation of projected amounts where significant changes in a member's projections occur (FA does not ask for, nor receive, information on the "why" of a member projection, as this is viewed as confidential – management simply asks for confirmation that the member themselves believe the projection to be reasonable)
- Randomness in claim experience
- Changes in claims trends due to external events
- Differences in actual rate changes compared to expected/planned rate changes
- Changes in the amount and timing of claim payments

2. Introduction

2.1 Introductory Comments

This "Final RSP Outlook" is a projection of Facility Association (FA) Risk Sharing Pools (RSPs) Operating Results for a future complete calendar year using actual experience available up to a specific point in time, and based on assumptions developed for this specific purpose. Consideration has been given to recent RSP experience, to the results of the September 30, 2021 valuation of the RSP policy liabilities, and to monthly premium projections developed for RSP Monthly Member Operational Reports.

The following table summarizes the Calendar Year 2022 projection by RSP.

Projection Summary – Calendar Year 2022 – Amounts (\$000s)

Calendar Year 2022 Projections (\$000s)							
	Ontario	Alberta Grid	Alberta Non-Grid	New Brunswick	Nova Scotia	Newfoundland & Labrador	TOTAL
Written Premium	516,439	296,273	223,687	30,074	33,322	11,933	1,111,728
Earned Premium	477,938	262,801	198,176	26,023	34,102	9,418	1,008,458
Prior Accident Years (PAYs)	(23,376)	(7,734)	(5,249)	(543)	(1,199)	(70)	(38,171)
Current Accident Year (CAY)	597,025	219,568	205,751	23,163	34,288	10,040	1,089,835
Total Claims Incurred	573,649	211,834	200,502	22,620	33,089	9,970	1,051,664
Expense Allowance	145,120	88,293	66,658	8,783	9,766	3,294	321,914
Change in Prem. Def / (DPAC)	17,469	4,278	7,251	1,365	1,193	248	31,804
Underwriting Expenses	162,589	92,571	73,909	10,148	10,959	3,542	353,718
	-	-	-	-	-	-	-
Net U/Wing gain / (loss)	(258,300)	(41,604)	(76,235)	(6,745)	(9,946)	(4,094)	(396,924)
Administrative Expense	2,272	1,894	2,193	1,524	812	445	9,140
2022 Operating Result	(260,572)	(43,498)	(78,428)	(8,269)	(10,758)	(4,539)	(406,064)
attributed to PAYs:	23,376	7,734	5,249	543	1,199	70	38,171
attributed to CAY:	(283,948)	(51,232)	(83,677)	(8,812)	(11,957)	(4,609)	(444,235)
2021 Operating Result							
Nov. 18, 2020 Outlook	(259,084)	(32,577)	(55,796)	(3,192)	(22,685)	(3,858)	(377,192)
attributed to PAYs:	31,248	9,962	5,801	617	1,471	-	49,099
attributed to CAY:	(290,332)	(42,539)	(61,597)	(3,809)	(24,156)	(3,858)	(426,291)
Oct 31, 2021 Projection	(32,588)	32,791	(11,860)	295	10,600	(3,236)	(3,997)
attributed to PAYs:	82,048	41,200	25,135	2,330	12,718	2	163,433
attributed to CAY:	(114,636)	(8,409)	(36,995)	(2,035)	(2,118)	(3,238)	(167,430)

Like our **Nov. 18, 2020 Outlook** for Calendar Year **2021**, this Outlook's projection for Calendar Year **2022** assumes no nominal changes to our estimates of ultimate for prior accident years³, whereas the current projection for Calendar Year **2021** (**Oct 31, 2021 Projections**) includes nominal prior accident year changes as booked during the first ten months of **2021**. Given the importance of accident year impacts, we have separated the Operating Results summary to show prior accident years (PAYs) from the current accident year (CAY).

2.2 Projected Calendar Year 2022 Operating Results

As shown in the preceding table, policy liabilities and associated changes are presented on an actuarial present value basis as found in the Operational Reports (that is, "Total Claims Incurred" and "Change in Prem. Def / (DPAC)" include actuarial present value adjustments, commonly described as "discounted"). We have included at the bottom of the table the projected Operating Results for Calendar Year **2021** as per the **Nov. 18, 2020 Outlook** and with the **Oct. 31, 2021 Projections**⁴.

³In our projections, we assume that our liabilities are "best estimates" and therefore project no changes in nominal terms. However, there are prior accident year impacts related to actuarial present value adjustments. Over time, the "discount" adjustment to reflect the time value of money will unwind and provisions for adverse deviations will be released with liability / obligation settlement.

⁴The **Oct 31 2021 Projections** for Calendar Year 2021 and this Outlook's projections for Calendar Year 2022 were derived at the same time, using consistent assumptions.

In comparing the Calendar Year **2022** operating result projection against the most recent projection for Calendar Year **2021 as at October 31, 2021**, 2022 has a significant increase in projected operating deficit resulting from the following:

- **Lower overall projected operating deficit for Calendar Year 2021 due to COVID-19 pandemic impact:** there was a significant decrease in reported claims relating to accident years 2020 and 2021 during calendar year 2021, related to lower accident frequency during the COVID-19 pandemic. Additionally, expected loss ratios for Accident Years 2020 and 2021 were reduced in order to adjust the ultimate claims estimates down for this period, leading to a reduction in IBNR during Calendar Year 2021.
- **Higher forecasted claims costs in Accident Year 2022 following the pandemic:** As public health restrictions enacted in response to COVID-19 wind down, we expect claims costs to return to their pre-pandemic trajectory.
- **Increase in Calendar Year 2022 projected premium volume,** with the current projections showing an increase of 31.6% in written premium and 27.3% in earned premium (premium increase and premium comparisons are discussed in detail under section 3.1), including the impact of Ontario RSP Harmonization. Since the RSPs generally operate on a loss basis, increase in premium would lower operating result.
- **Mandatory Alberta Grid rate reduction in Alberta effective Jan. 1, 2022:** On Jan. 1, 2021, Alberta implemented insurance reforms with an expectation they will significantly reduce claims costs for injury claims. At that time, they also approved an increase to Grid base rates for 2021. Effective in 2022, there is a mandatory reduction in Grid base rates to reflect the expected lower claims costs from the reform. This leads to a reduction in the operating result for the Alberta RSPs compared to the prior year.
- **RSP Harmonization changes to New Brunswick and Nova Scotia RSPs:** Loss ratios of these pools are expected to rise in 2022 as the eligibility criteria changes from special purpose pools for young/inexperienced drivers, to a pool where insurers are able to more freely select any PPV risk in their portfolio to cede to the pool. It is expected insurers will be able to identify risks generating higher underwriting losses and cede these to the pool.

Projection comparisons related to the operating result attributed to current accident year is better achieved through key ratio comparisons and will be discussed later in this section.

The components of the projection for **2022** compared with the same components for the two projections for **2021** show a higher level of similarity with the **Nov. 18, 2020 Outlook** in relation to both the “attributed to PAYs” and the “attributed to CAY” at the RSP level, and this alignment is expected,

- The PAYs component for 2022 has the same base assumption as what was used in the **Nov 18, 2020 Outlook** (i.e. no nominal changes in claims liabilities, so the PAYs’ impact is driven by releases of actuarial present value adjustments as claims are settled), whereas the **Oct 31, 2021 Projections** includes actual prior accident year activities included up to the September 30, 2021 valuation (with favourable PAYs impact).
- In terms of the CAY component, the updated valuation and more recent discount rate

assumptions would lead to a closer alignment with the **Oct 31, 2021 Projections** (updated yield curves and updated accident years **2021** and **2022** loss ratios); however, the reduction in claims due to COVID-19 environment drove the 2021 operating result away from the 2022 projection. The expectation is that losses for calendar 2022 will be more in line with pre-COVID level. Remaining differences are driven by differences in premium volume.

The following table provides **the difference between** the Calendar Years **2022** and **2021** results as currently projected (**Oct 31, 2021 Projections**).

Projection Summary –2022 less 2021 Calendar Year Amounts (\$000s) – current projections

2022 less 2021 Calendar Year Projections (\$000s)							
	Ontario	Alberta Grid	Alberta Non-Grid	New Brunswick	Nova Scotia	Newfoundland & Labrador	TOTAL
Written Premium	128,272	68,729	55,233	9,295	742	4,618	266,889
Earned Premium	91,957	62,019	58,315	5,711	(7,421)	5,881	216,462
Prior Accident Years (PAYs)	58,672	33,466	19,886	1,787	11,519	(68)	125,262
Current Accident Year (CAY)	203,964	76,965	83,948	8,738	(566)	6,243	379,292
Total Claims Incurred	262,636	110,431	103,834	10,525	10,953	6,175	504,554
Expense Allowance	34,859	19,348	15,618	2,422	(425)	1,208	73,030
Change in Prem. Def / (DPAC)	22,060	7,898	4,553	717	3,431	(135)	38,524
Underwriting Expenses	56,919	27,246	20,171	3,139	3,006	1,073	111,554
	-	-	-	-	-	-	-
Net U/Wing gain / (loss)	(227,598)	(75,658)	(65,690)	(7,953)	(21,380)	(1,367)	(399,646)
Administrative Expense	386	631	878	611	(22)	(64)	2,421
Operating Result	(227,984)	(76,289)	(66,568)	(8,564)	(21,358)	(1,303)	(402,067)
attributed to PAYs:	(58,672)	(33,466)	(19,886)	(1,787)	(11,519)	68	(125,262)
attributed to CAY:	(169,312)	(42,823)	(46,682)	(6,777)	(9,839)	(1,371)	(276,805)

In addition, the following table summarizes **differences in** key ratios for projections for Calendar Years **2022** vs **2021**.

Projection Summary –2022 less 2021 Calendar Year (Key Ratios) – current projections

2022 less 2021 Calendar Year Projections (Key Ratios)							
	Ontario	Alberta Grid	Alberta Non-Grid	New Brunswick	Nova Scotia	Newfoundland & Labrador	TOTAL
Loss Ratios (% EP)							
Prior Accident Years (PAYs)	16.4%	17.6%	15.4%	9.4%	27.1%	(0.6%)	16.8%
Current Accident Year (CAY)	23.1%	12.5%	16.7%	18.0%	16.6%	(0.8%)	18.4%
Total Claims Incurred	39.5%	30.1%	32.1%	27.4%	43.7%	(1.4%)	35.2%
Expense Ratios							
Expense Allowance (% WP)	(0.3%)	(0.5%)	(0.5%)	(1.4%)	(2.0%)	(0.9%)	(0.5%)
Chg in Prem. Def / (DPAC) (% EP)	4.9%	3.4%	1.8%	2.0%	8.9%	(8.2%)	4.0%
Underwriting Expenses (% EP)	6.6%	2.6%	(1.2%)	4.5%	12.9%	(32.2%)	4.5%
Administrative Expense (% EP)	-	0.1%	0.2%	1.4%	0.4%	(9.7%)	0.1%
U/Wing & Admin Exp (% EP)	6.6%	2.7%	(1.0%)	5.9%	13.3%	(41.9%)	4.6%
Combined Operating Ratio (% EP)	46.1%	32.8%	31.1%	33.3%	57.0%	(43.3%)	39.8%
attributed to PAYs:	16.4%	17.6%	15.4%	9.4%	27.1%	(0.6%)	16.8%
attributed to CAY:	29.7%	15.2%	15.7%	23.9%	29.9%	(42.7%)	23.0%

As a reminder, PAYs for **2022** have no projected nominal (i.e. undiscounted) impact, as we assume

our liabilities are best estimates – the **2021** projection includes implemented valuation impacts for **2021**. The effect of discounting for **2021** also reflects valuation impacts (particularly apv changes with nominal ultimate changes) not expected for **2022**.

It is also important to keep in mind when considering the operating results for the RSPs as shown in the two preceding tables that they do not include all expenses – for example, premium taxes and health levies are applied at member companies based on their share of RSPs’ written premium – these expenses are not included here. As such, the Combined Operating Ratio may not be comparable to a member’s own such ratio. Similarly, operating cash flows are shared immediately among members – as such, there is no investment income included in the RSP operating results, although members may generate such income on RSP generated operating cash flows for their own accounts.

Key Ratios associated with our Calendar Year **2022** projection are presented in the following table, including the Combined Operating Ratios for the two calendar year **2021** projections. For details related to the **2022** projections, please refer to Exhibits B-1 through B-5. The basis for the projection of premiums, claims amounts and expenses is described in Section 3. In particular, premium projections are discussed in section 3.1 and claims projections are discussed in section 3.2. Our projections of the number of vehicle transfers are based on projections provided by major users of the RSPs. However, RSP volumes can change rapidly in a short period, as we have seen in the past, as member groups can transfer their entire limit for a given year at any time throughout the year including, for example, the last day of that year. As a result, volumes may change dramatically from those projected here.

Projection Summary – Calendar Year 2022 – Key Ratios⁵

Calendar Year 2022 Projections (Key Ratios)							
	Ontario	Alberta Grid	Alberta Non-Grid	New Brunswick	Nova Scotia	Newfoundland & Labrador	TOTAL
Loss Ratios (% EP)	-	-	-	-	-	-	-
Prior Accident Years (PAYs)	(4.9%)	(2.9%)	(2.6%)	(2.1%)	(3.5%)	(0.7%)	(3.8%)
Current Accident Year (CAY)	124.9%	83.5%	103.8%	89.0%	100.5%	106.6%	108.1%
Total Claims Incurred	120.0%	80.6%	101.2%	86.9%	97.0%	105.9%	104.3%
Expense Ratios	-	-	-	-	-	-	-
Expense Allowance (% WP)	28.1%	29.8%	29.8%	29.2%	29.3%	27.6%	29.0%
Chg in Prem. Def / (DPAC) (% EP)	3.7%	1.6%	3.7%	5.2%	3.5%	2.6%	3.2%
Underwriting Expenses (% EP)	34.0%	35.2%	37.3%	39.0%	32.1%	37.6%	35.1%
Administrative Expense (% EP)	0.5%	0.7%	1.1%	5.9%	2.4%	4.7%	0.9%
U/Wing & Admin Exp (% EP)	34.5%	35.9%	38.4%	44.9%	34.5%	42.3%	36.0%
2022 Combined Operating Ratio (% EP)	154.5%	116.5%	139.6%	131.8%	131.5%	148.2%	140.3%
attributed to PAYs:	(4.9%)	(2.9%)	(2.6%)	(2.1%)	(3.5%)	(0.7%)	(3.8%)
attributed to CAY:	159.4%	119.4%	142.2%	133.9%	135.0%	148.9%	144.1%
2021 Combined Operating Ratio							
Nov. 18, 2020 Outlook	153.9%	115.1%	134.6%	115.2%	145.7%	164.0%	140.4%
attributed to PAYs:	(6.5%)	(4.6%)	(3.6%)	(3.0%)	(3.0%)	-	(5.3%)
attributed to CAY:	160.4%	119.7%	138.2%	118.2%	148.7%	164.0%	145.7%
Oct 31, 2021 Projection	108.4%	83.7%	108.5%	98.5%	74.5%	191.5%	100.1%
attributed to PAYs:	(21.3%)	(20.5%)	(18.0%)	(11.5%)	(30.6%)	(0.1%)	(20.7%)
attributed to CAY:	129.7%	104.2%	126.5%	110.0%	105.1%	191.6%	120.8%

Net cash flows from operations for the RSPs collectively are projected to be an overall **inflow of \$80.5 million** for Calendar Year **2022** as presented in detail in section 3.4 (we are currently projecting a \$66.3 million operating cash inflow for calendar year **2021**).

Operating cash outflows are funded by members, and the primary drivers of operating cash are premium collection and claims payments. The following table summarizes RSP operating cash flows over the last 6 calendar years (historic operating cash flows by RSP can be found in section 3.4). The significant increases in cash inflows for 2021 and 2022 compared with previous years are due to the rapid growth in projected written premium and the COVID-19 pandemic impact on projected claims payments (additional details on claims payment projection methodology are provided in section 3.4).

⁵RSP operating results do not include all expenses – for example, premium taxes and health levies are applied at member companies based on their share of RSP written premium or vehicle counts as applicable – these expenses are not included here. As such, the Combined Operating Ratio may not be comparable to a member's own such ratio.

ALL RSPs Historic Operating Cash Flows by Share Year

RSP All RSPs \$millions	Share (i.e. Calendar) Year					
	2020	2019	2018	2017	2016	2015
written premium	770.5	798.9	664.1	658.6	609.1	489.0
expense allowance	230.3	240.9	198.4	197.1	183.2	142.9
administration	6.0	5.5	4.7	4.6	4.1	4.0
prem net of expenses	534.2	552.5	461.0	456.8	421.9	342.1
paid claims						
PAYs indemnity	328.2	322.7	326.7	318.8	296.3	295.3
PAY claims expenses	29.7	23.7	24.5	25.8	33.4	32.4
CAY indemnity	252.3	273.7	272.3	252.5	197.7	182.3
CAY clms expenses	1.6	1.6	1.7	1.0	0.8	0.9
all yrs indemnity	580.5	596.4	599.0	571.3	494.1	477.6
all yrs clms expenses	31.2	25.3	26.2	26.9	34.2	33.2
total claims & expenses paid	611.7	621.7	625.2	598.2	528.2	510.8
operating cash flow	(77.5)	(69.2)	(164.2)	(141.3)	(106.4)	(168.7)

values are carried in table to 3 decimals - rounding differences may result

The current (October 31, 2021) Calendar Year 2021 **projection** is provided in more details in the next section, but the following table provides details of projected **changes in** cash flow by RSP between calendar years **2022** and **2021**.

Projection Summary –2022 less 2021 Calendar Year Cash Flow Projections (\$000s)

2022 less 2021 Calendar Net Operating Cash Flow Projections (\$000s)							
	Ontario	Alberta Grid	Alberta Non-Grid	New Brunswick	Nova Scotia	Newfoundland & Labrador	TOTAL
Written Premium	128,272	68,729	55,233	9,295	742	4,618	266,889
PAYs Paid Claims							
paid indemnity	(10,922)	3,323	3,863	1,132	1,430	696	(478)
paid allowed claims expense	9,558	2,879	1,686	1,031	463	67	15,684
PAYs Paid Claims	(1,364)	6,202	5,549	2,163	1,893	763	15,206
CAYs Paid Claims							
paid indemnity	54,653	53,801	47,139	2,039	(149)	2,047	159,530
paid allowed claims expense	552	216	142	4	-	1	915
CAYs Paid Claims	55,205	54,017	47,281	2,043	(149)	2,048	160,445
All AYs Paid Claims							
paid indemnity	43,731	57,124	51,002	3,171	1,281	2,743	159,052
paid allowed claims expense	10,110	3,095	1,828	1,035	463	68	16,599
All AYs Paid Claims	53,841	60,219	52,830	4,206	1,744	2,811	175,651
"Cash" Expenses							
Member Expense Allowance	34,859	19,348	15,618	2,422	(425)	1,208	73,030
Administrative Expenses	386	631	878	611	(22)	(64)	2,421
"Cash" Expenses	35,245	19,979	16,496	3,033	(447)	1,144	75,451
Net Operating Cash Flow	39,186	(11,469)	(14,093)	2,056	(556)	662	15,787

Policy liabilities (made up of claims liabilities and premium liabilities) are carried on an actuarial present value basis (that is, adjusted for the time value of money, and include provisions for adverse deviation). It is informative to consider how claims liabilities fare during a calendar year relative to their beginning provisions for adverse development. To provide some historical context, the development of PAYs' claims liabilities over the ensuing calendar year is provided in Exhibit D.

In addition, **changes in yield curves** used to determine the discount rates and the **margins** used in our projections are subject to change by RSP; the impact of any changes is significant only when they are implemented.

The following summarizes the impact of discounting policy liability cash flows as projected to December 31, 2022 (excluding the impact of claims development provisions for adverse deviations). Note that discount amounts are shown in the table as negative values, as they act to reduce policy liabilities.

Projection Summary – Dec 31, 2022 ending Discount Amounts in Policy Liabilities (\$000s)

Projected Dec 31 2022 Policy Liabilities Discount Amounts (\$000s)							
	Ontario	Alberta Grid	Alberta Non-Grid	New Brunswick	Nova Scotia	Newfoundland & Labrador	TOTAL
Discount Amount	(33,587)	(10,534)	(7,374)	(1,208)	(1,825)	(365)	(54,893)
investment PfAD Amount	9,322	3,196	2,237	344	576	108	15,783
Net Discount Amount	(24,265)	(7,338)	(5,137)	(864)	(1,249)	(257)	(39,110)

Moving the net discount impacts to \$0 could be considered a “worst case” scenario⁶ in relation to adverse changes in the yield curves.

2.3 Updated Projections for Calendar Year **2021**

Updated projections for **Calendar Year 2021** (as at *Oct 31, 2021*) are provided in the following tables.

Projection Summary –2021 Calendar Year Amounts (\$000s) – current projection

Calendar Year 2021 Projections (\$000s)							
	Ontario	Alberta Grid	Alberta Non-Grid	New Brunswick	Nova Scotia	Newfoundland & Labrador	TOTAL
Written Premium	388,167	227,544	168,454	20,779	32,580	7,315	844,839
Earned Premium	385,981	200,782	139,861	20,312	41,523	3,537	791,996
Prior Accident Years (PAYs)	(82,048)	(41,200)	(25,135)	(2,330)	(12,718)	(2)	(163,433)
Current Accident Year (CAY)	393,061	142,603	121,803	14,425	34,854	3,797	710,543
Total Claims Incurred	311,013	101,403	96,668	12,095	22,136	3,795	547,110
Expense Allowance	110,261	68,945	51,040	6,361	10,191	2,086	248,884
Change in Prem. Def / (DPAC)	(4,591)	(3,620)	2,698	648	(2,238)	383	(6,720)
Underwriting Expenses	105,670	65,325	53,738	7,009	7,953	2,469	242,164
	-	-	-	-	-	-	-
Net U/Wing gain / (loss)	(30,702)	34,054	(10,545)	1,208	11,434	(2,727)	2,722
Administrative Expense	1,886	1,263	1,315	913	834	509	6,719
2021 Operating Result	(32,588)	32,791	(11,860)	295	10,600	(3,236)	(3,997)
attributed to PAYs:	82,048	41,200	25,135	2,330	12,718	2	163,433
attributed to CAY:	(114,636)	(8,409)	(36,995)	(2,035)	(2,118)	(3,238)	(167,430)

⁶That is, the “worst case” scenario would be if the discount rate moves to 0% - we assume at this level the margin would be moved to 0 as well. In addition to the net discount impact indicated, there would also be an adverse movement in the claims development provision for adverse deviation, as this provision is also carried on a “net present value” or “discounted” basis.

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

Projection Summary –2021 Calendar Year (Key Ratios) – current projection

Calendar Year 2021 Projections (Key Ratios)							
	Ontario	Alberta Grid	Alberta Non-Grid	New Brunswick	Nova Scotia	Newfoundland & Labrador	TOTAL
Loss Ratios (% EP)							
Prior Accident Years (PAYs)	(21.3%)	(20.5%)	(18.0%)	(11.5%)	(30.6%)	(0.1%)	(20.6%)
Current Accident Year (CAY)	101.8%	71.0%	87.1%	71.0%	83.9%	107.4%	89.7%
Total Claims Incurred	80.5%	50.5%	69.1%	59.5%	53.3%	107.3%	69.1%
Expense Ratios							
Expense Allowance (% WP)	28.4%	30.3%	30.3%	30.6%	31.3%	28.5%	29.5%
Chg in Prem. Def / (DPAC) (% EP)	(1.2%)	(1.8%)	1.9%	3.2%	(5.4%)	10.8%	(0.8%)
Underwriting Expenses (% EP)	27.4%	32.6%	38.5%	34.5%	19.2%	69.8%	30.6%
Administrative Expense (% EP)	0.5%	0.6%	0.9%	4.5%	2.0%	14.4%	0.8%
U/Wing & Admin Exp (% EP)	27.9%	33.2%	39.4%	39.0%	21.2%	84.2%	31.4%
2021 Combined Operating Ratio (% EP)	108.4%	83.7%	108.5%	98.5%	74.5%	191.5%	100.5%
attributed to PAYs:	(21.3%)	(20.5%)	(18.0%)	(11.5%)	(30.6%)	(0.1%)	(20.6%)
attributed to CAY:	129.7%	104.2%	126.5%	110.0%	105.1%	191.6%	121.1%

As indicated in the following tables, there have been changes both to earned premium and the Combined Operating Ratios (COR) between the **Nov 18, 2020 Outlook** and the **Oct 31, 2021 Projections** as summarized in the preceding tables. The latter includes the implementation of the 2020 Q4, and 2021 Q1, Q2, Q3 valuations, and the changes in operating result is mainly driven by the change in COR.

Calendar Year 2021 Nov 18, 2020 Outlook vs current Oct 31, 2021 Projection

\$000s	Outlook Posted November 18, 2020			Updated Year-end Projection		
	Earned Premium	Operating Result	COR	Earned Premium	Operating Result	COR
Ontario	480,127	(259,084)	153.9%	385,981	(32,588)	108.4%
Alberta Grid	215,472	(32,577)	115.1%	200,999	32,398	83.9%
Alberta non-Grid	161,091	(55,796)	134.6%	139,861	(11,860)	108.5%
New Brunswick	20,891	(3,192)	115.2%	20,312	295	98.5%
Nova Scotia	49,597	(22,685)	145.7%	41,523	10,600	74.5%
Newfoundland & Labrador	6,035	(3,858)	164.0%	3,537	(3,236)	191.5%
TOTAL	933,213	(377,192)	140.4%	792,213	(4,390)	100.6%

Changes in Projections for Calendar Year 2021

\$000s	Total Change (Updated Year-end Projection less Outlook)			Change Attributed to Earned Premium Change		Change Attributed to COR Change	
	Earned Premium	Operating Result	COR	Earned Premium	Operating Result	Operating Result	COR
Ontario	(94,146)	226,496	(45.5%)	(94,146)	50,745	175,751	(45.5%)
Alberta Grid	(14,473)	64,975	(31.2%)	(14,473)	2,185	62,790	(31.2%)
Alberta non-Grid	(21,230)	43,936	(26.1%)	(21,230)	7,346	36,590	(26.1%)
New Brunswick	(579)	3,487	(16.7%)	(579)	88	3,399	(16.7%)
Nova Scotia	(8,074)	33,285	(71.2%)	(8,074)	3,690	29,595	(71.2%)
Newfoundland & Labrador	(2,498)	622	27.5%	(2,498)	1,599	(977)	27.5%
TOTAL	(141,000)	372,802	(39.8%)	(141,000)	65,653	307,149	(39.8%)

Changes in selected ultimate loss ratios and selected discount rates directly impact the COR are updated with each valuation⁷. More information on the results of valuations and the associated impacts are available in the Actuarial Highlights for October 2020 (implementation of the 2020 Q3 valuation), December 2020 (implementation of the 2020 Q4 valuation), March 2021 (implementation of the 2021 Q1 valuation), May 2021 (implementation of the 2021 Q2 valuation), and October 2021 (implementation of the 2021 Q3 valuation).

3. Basis for Projections

The commentary that follows describes the basis for projecting premiums, claims amounts, and expenses, and provides summaries of key assumptions. Exhibit A in Section 0 provides additional detail regarding these assumptions.

3.1 Premiums

For each RSP, a model has been established to project by month the number of (annualized) vehicles being transferred to the pools and to project the associated average written premium (with projected premium being the product of these two). The projection model for each RSP considers the largest member company groups individually and sums the results of the projections at the member company group level (with an all other catch all). Select individual large member company groups were provided with their own results by RSP to populate with their own projections⁸. The final projections leverage this detailed projection information, as well as additional insight provided by member company project managers to FA Member Services staff and by FA management's judgment otherwise.

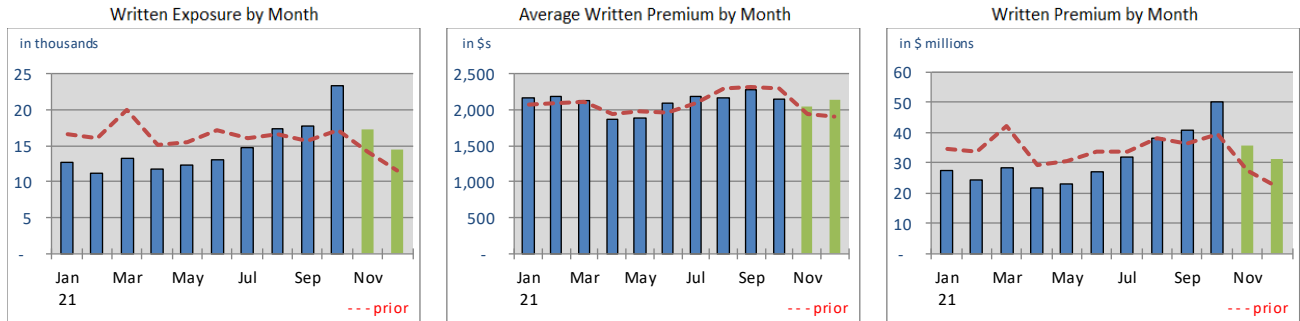
Summaries of the projections by RSP are provided in the following charts for **2021** and **2022**. In these

⁷Changes to selected margins for adverse deviation at a valuation would also have an impact on the results – however, selected margins do not typically change with each valuation.

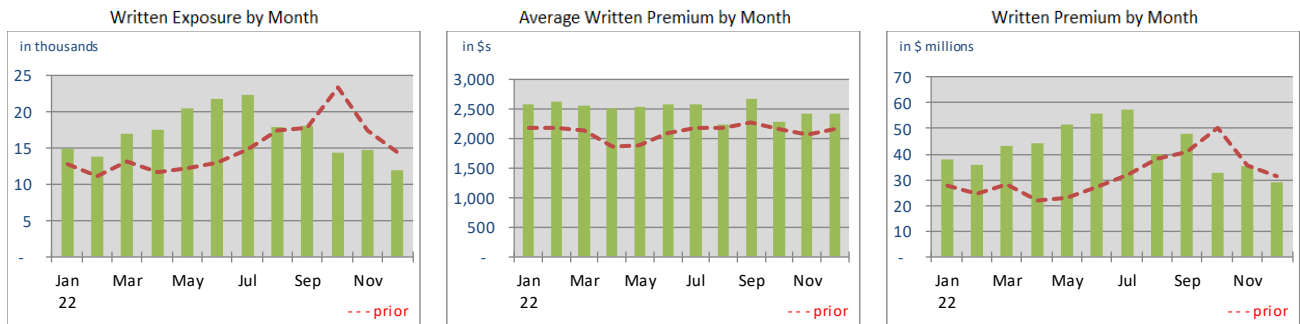
⁸This process is updated quarterly – where a member changes their projection significantly from the previous quarter, FA management will ask the member to provide confirmation of the accuracy and reasonableness of the projection, but FA does not ask for, nor receive, information from members related to the “why” of their projections or changes of their projections, as this is deemed confidential.

charts, blue columns are actuals and green are projections. The dotted red line represents the values from the prior year. *Please take careful note of the scale in each chart, as we modify the scale to best fit the information being presented.*

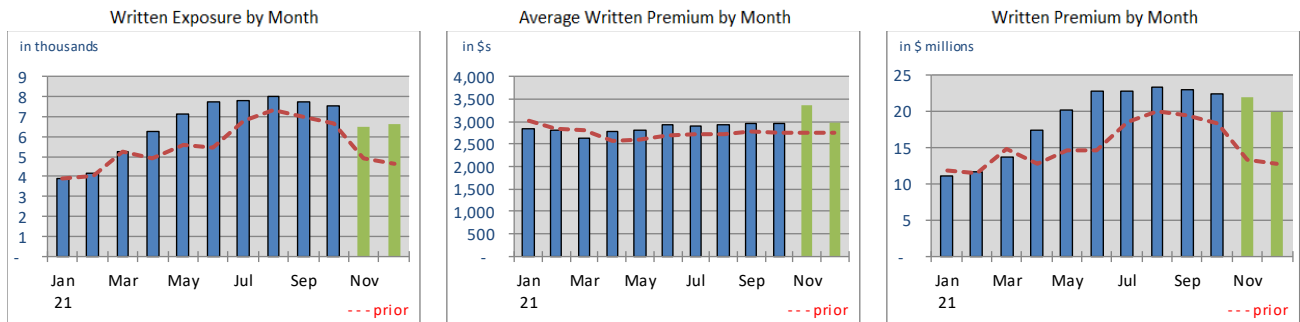
Ontario 2021 projected count **179,240**; approximate maximum that could be transferred: 398,000



Ontario 2022 projected count **204,289**; approximate maximum that could be transferred: 398,000

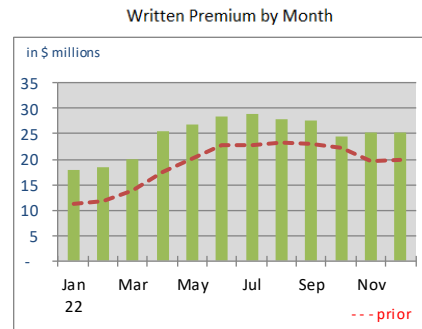
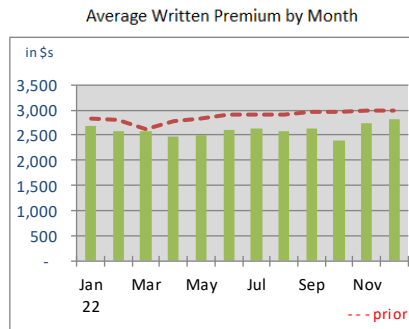
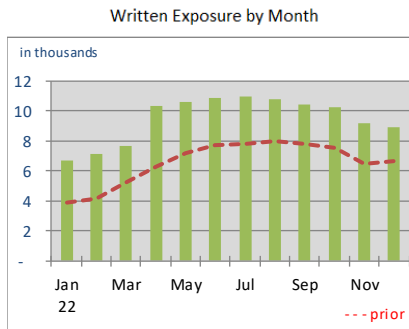


Alberta Grid 2021 projected count **78,748**; approximate maximum that could be transferred: unknown (based on number of risks subject to Grid rating – approximately 185,000 in 2020)

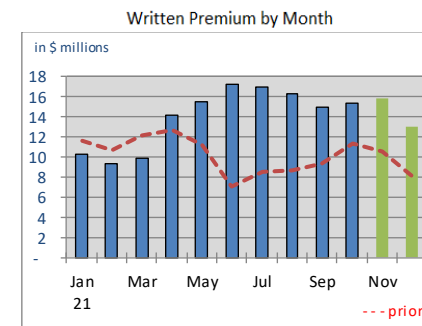
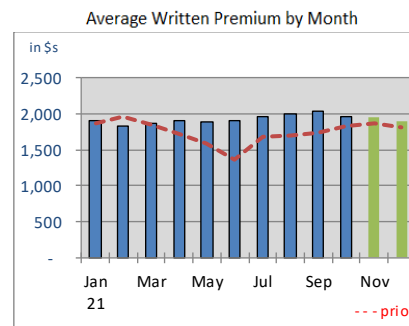
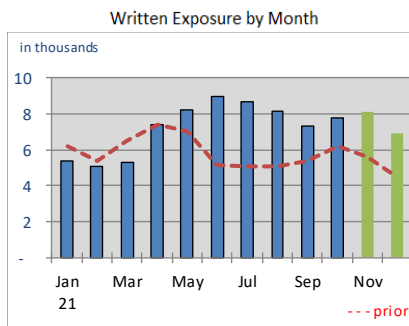


Alberta Grid 2022

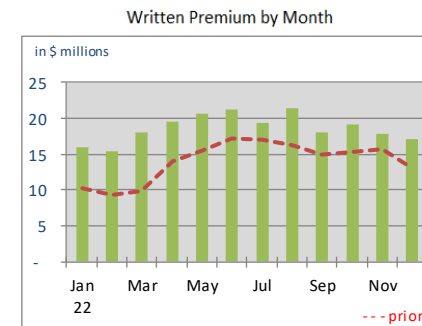
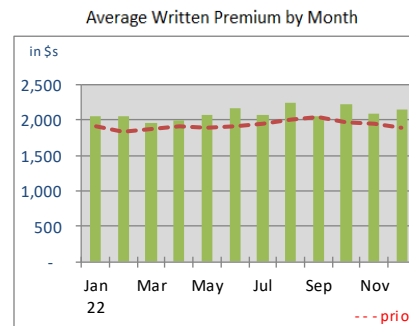
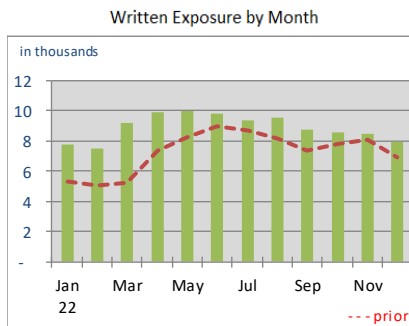
projected count **114,011**; approximate maximum that could be transferred: unknown (based on number of risks subject to Grid rating– approximately 185,000 in 2020)

**Alberta Non-Grid 2021**

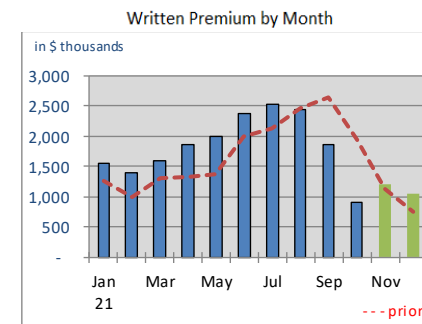
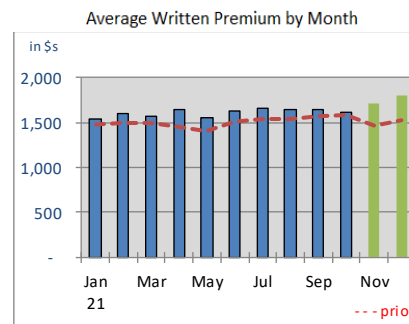
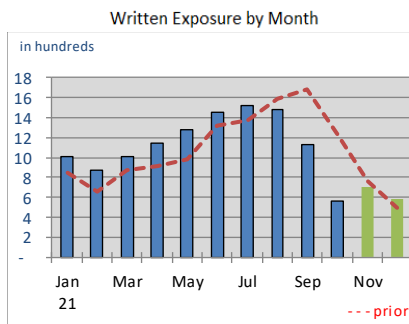
projected count **87,250**; approximate maximum that could be transferred: 106,000

**Alberta Non-Grid 2022**

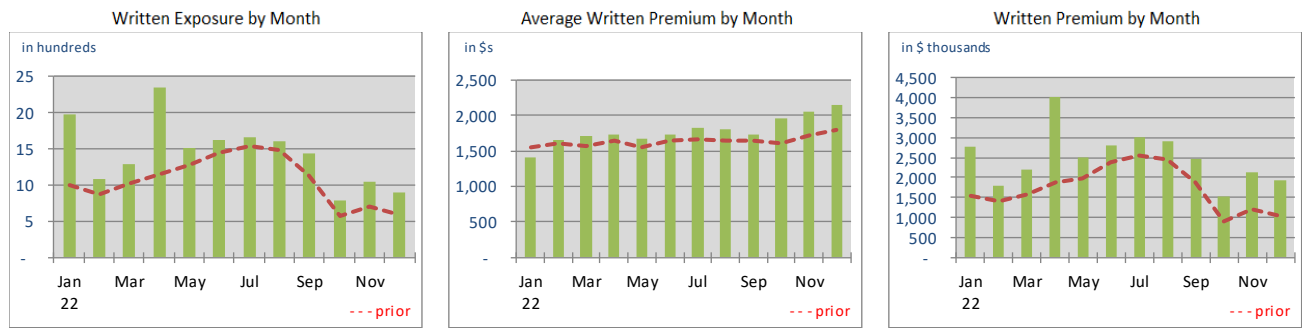
projected count **107,044**; approximate maximum that could be transferred: 133,000

**New Brunswick 2021**

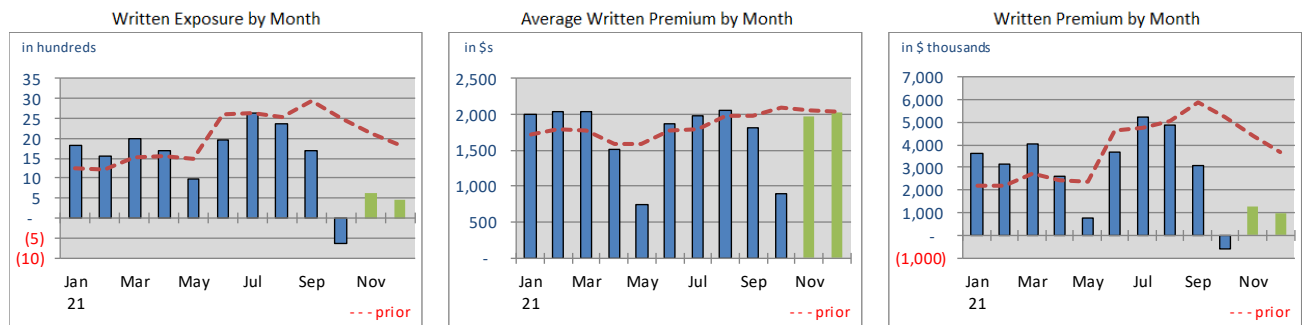
projected count **12,756**; approximate maximum that could be transferred: 42,000



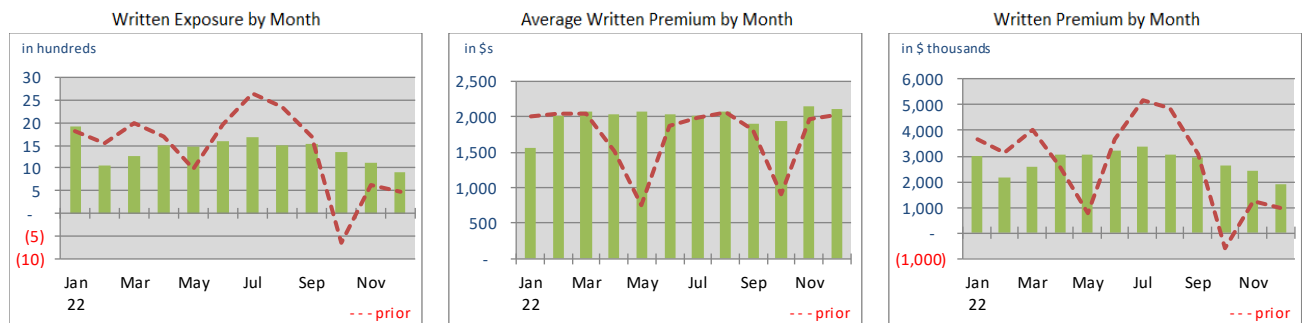
New Brunswick 2022 projected count **17,213**; approximate maximum that could be transferred: 26,000



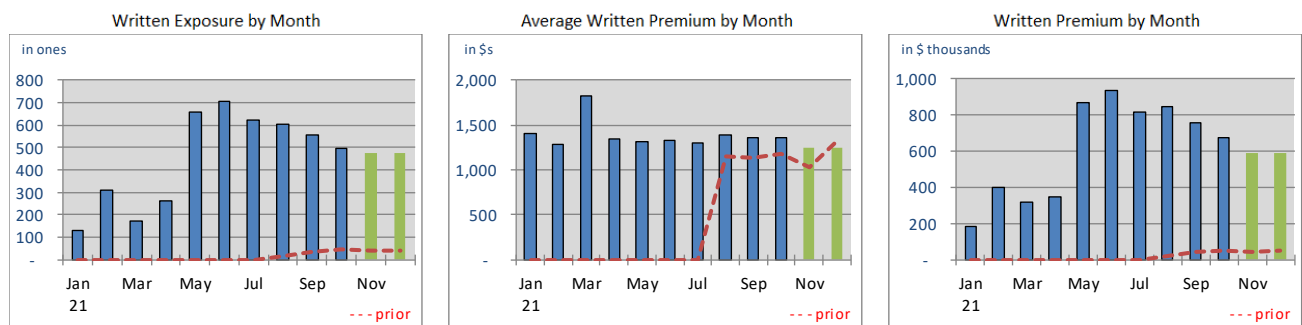
Nova Scotia 2021 projected count **17,145**; approximate maximum that could be transferred: unknown (based on number of risks deemed "inexperienced")



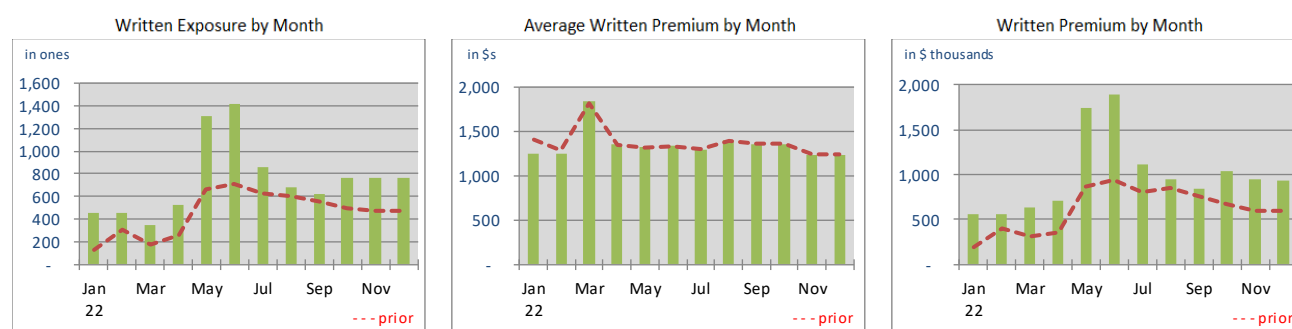
Nova Scotia 2022 projected count **16,864**; approximate maximum that could be transferred: 31,000 (in line with RSP harmonization changes)



Newfoundland and Labrador 2021 projected count **5,467**; approximate maximum that could be transferred: 16,000



Newfoundland and Labrador **2022** projected count **8,963**; approximate maximum that could be transferred: 16,000



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

Projection Summary – Calendar Year Premium Comparison (\$000s)

Calendar Year 2022 Premium Comparisons (Amounts in \$000s)							
	Ontario	Alberta Grid	Alberta Non-Grid	New Brunswick	Nova Scotia	Newfoundland & Labrador	TOTAL
2022 Written Premium	516,439	296,273	223,687	30,074	33,322	11,933	1,111,728
Change from 2021	128,272	68,729	55,233	9,295	742	4,618	266,889
% Change from 2021	33.0%	30.2%	32.8%	44.7%	2.3%	63.1%	31.6%
2022 Earned Premium	477,938	262,801	198,176	26,023	34,102	9,418	1,008,458
Change from 2021	91,957	62,019	58,315	5,711	(7,421)	5,881	216,462
% Change from 2021	23.8%	30.9%	41.7%	28.1%	(17.9%)	166.3%	27.3%

The preceding table shows variations in the current written premium projections for Calendar Year **2022** vs **2021**, with **all of RSPs showing increases**. The large projected written premium increase for 2022 is primarily driven by the projected vehicle counts increase for the calendar year across all RSPs except for Nova Scotia. In particular, the large increases in Alberta Grid and New Brunswick pools are from majority of the member groups; the increases are potentially related to the mandated Grid rate decrease and the new risk profile for New Brunswick RSP resulting from RSP Harmonization, both effective January 2022. Also, due to DCPD implementation in Alberta, we may expect to see some changes in ceding strategy by the members. Lastly, the Ontario premium projection also reflects the additional 15% premium cession as a result of the RSP Harmonization changes. The written changes also generate changes for earned premium, expenses, and the current accident year claims.

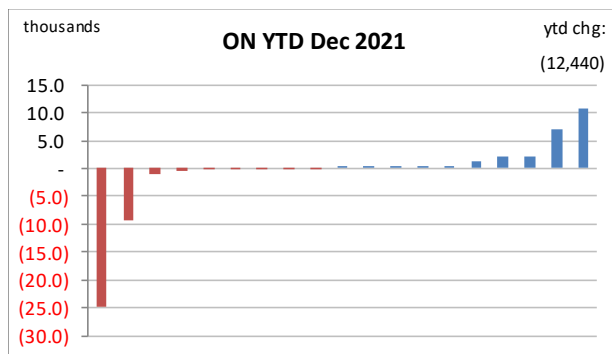
As usual, and as discussed in the opening, our projected vehicle counts and projected written premium is largely provided by significant RSP users. Projection updates are requested from the larger users quarterly, and FA management follows-up for confirmation of projected amounts where significant changes in a member's projections occur (FA does not ask for, nor receive, information on the "why" of a member projection, as this is viewed as confidential – management simply asks for confirmation that the member themselves believe the projection to be reasonable).

For example, while there were 19 active⁹ member groups identified for the Ontario RSP, the 8

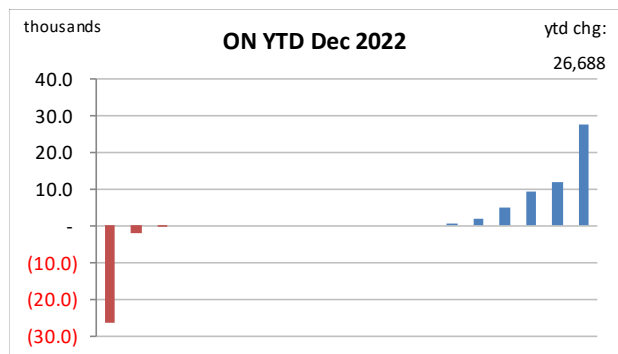
⁹We consider a member group to be "active" if they have non-zero transfer counts in at least 1 month in the current or prior calendar year. Members that are under common management for transfer limit purposes are considered a single "member group".

member groups providing explicit projections account for 93% of the Ontario RSP vehicle counts transferred for the 12-month period ending October 2021. For the Alberta Grid RSP, while there were 18 active member groups identified, the 10 member groups that provided explicit projections account for 94% of the Alberta Grid RSP vehicle counts transferred for the 12-month period ending October 2021.

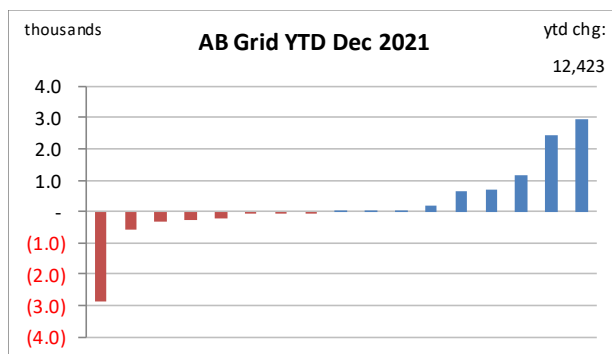
To provide some additional perspective on the projections, we've provided year-end projections summaries of the "decliners / growers" charts akin to those provided monthly in the Actuarial Highlights (red bars are decliners, blue bars are growers), we have excluded the charting for the Newfoundland & Labrador RSP due to limited historical data (introduced July 1, 2020).



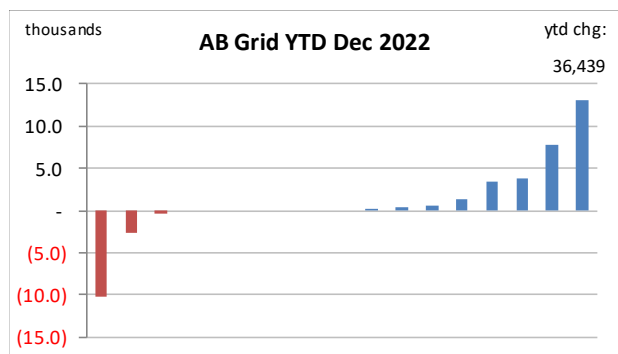
	# grps	chg
decliners:	9	(36,325)
no changers:	-	-
growers:	10	23,885



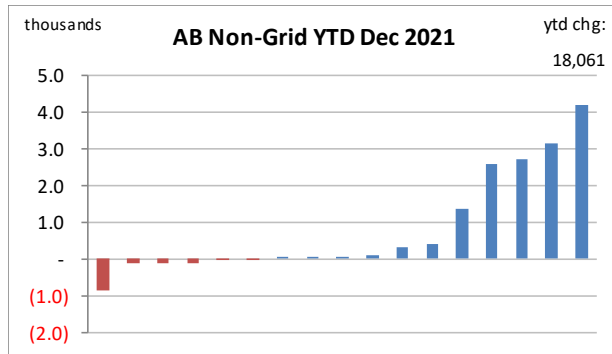
	# grps	chg
decliners:	3	(28,625)
no changers:	9	-
growers:	7	55,313



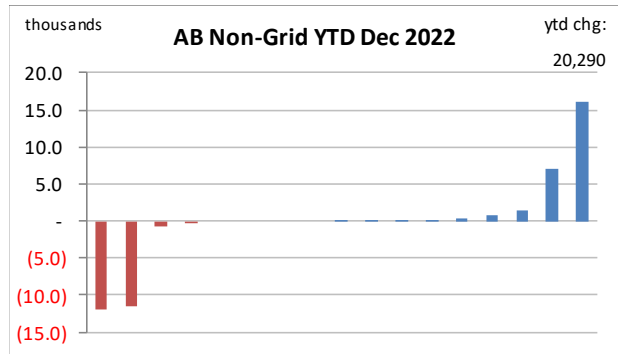
	# grps	chg
decliners:	8	(4,293)
no changers:	-	-
growers:	10	16,717



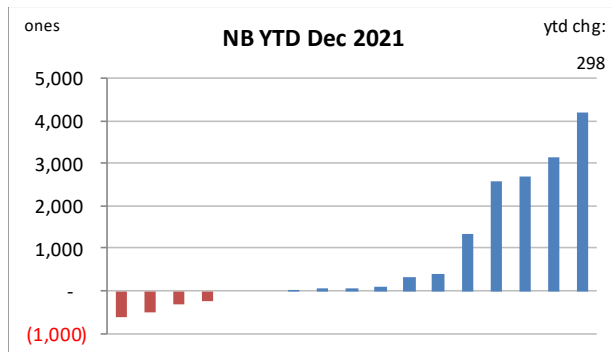
	# grps	chg
decliners:	3	(13,236)
no changers:	6	-
growers:	9	49,675



	# grps	chg
decliners:	6	(1,279)
no changers:	-	-
growers:	12	19,341



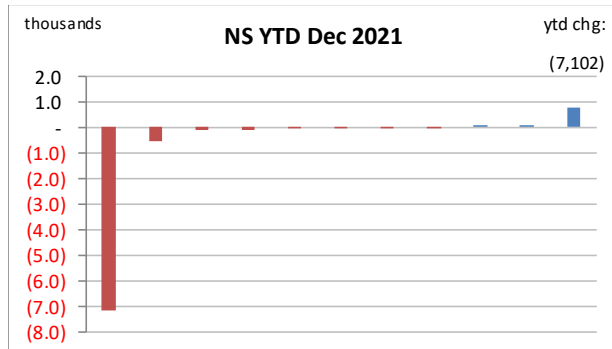
	# grps	chg
decliners:	4	(24,275)
no changers:	4	-
growers:	10	44,565



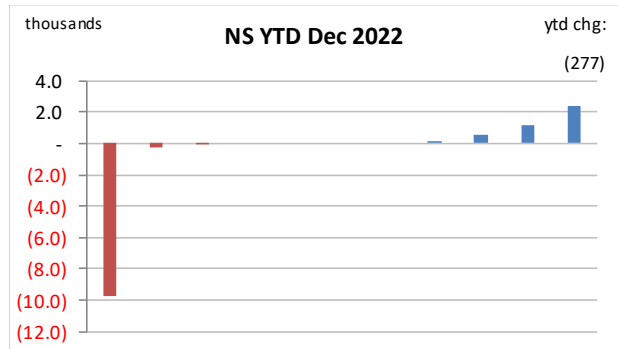
	# grps	chg
decliners:	4	(1,680)
no changers:	-	-
growers:	10	1,978



	# grps	chg
decliners:	3	(156)
no changers:	5	-
growers:	6	8,524



	# grps	chg
decliners:	8	(7,957)
no changers:	-	-
growers:	3	855



	# grps	chg
decliners:	3	(10,036)
no changers:	4	-
growers:	5	9,759

3.2 Claims Amounts (Indemnity & Allowed Claims Expenses)

The most recent valuation of the policy liabilities of the RSPs was based on RSP experience at

September 30, 2021. As per the FA's regular process, key elements of the valuations were reviewed with the Actuarial Advisory Committee, and presented to, and discussed with, the Audit & Risk Committee. The results were reflected in the October 2021 Operational Reports and discussed in the associated Actuarial Highlights.

For accident year ("AY") **2022**, the estimated nominal loss ratios reflected in the RSP Outlook are a priori or expected loss ratios modeled based on the Oct 31, 2021¹⁰ valuation selections of ultimate claims incurred, augmented with updated estimated impacts of historical changes in average earned premium (particularly that attributed to rate changes), and historical claims amount levels (including loss cost trends and product reforms). It is important to note that **2022** is built from the **2021** a priori loss ratio – **not** from the current selected ultimate loss ratio for accident year **2021**. The a priori loss ratios are estimated at the coverage level and summed to arrive at the all coverages level.

Accident Year 2021 to 2022 a priori Loss Ratio Projections

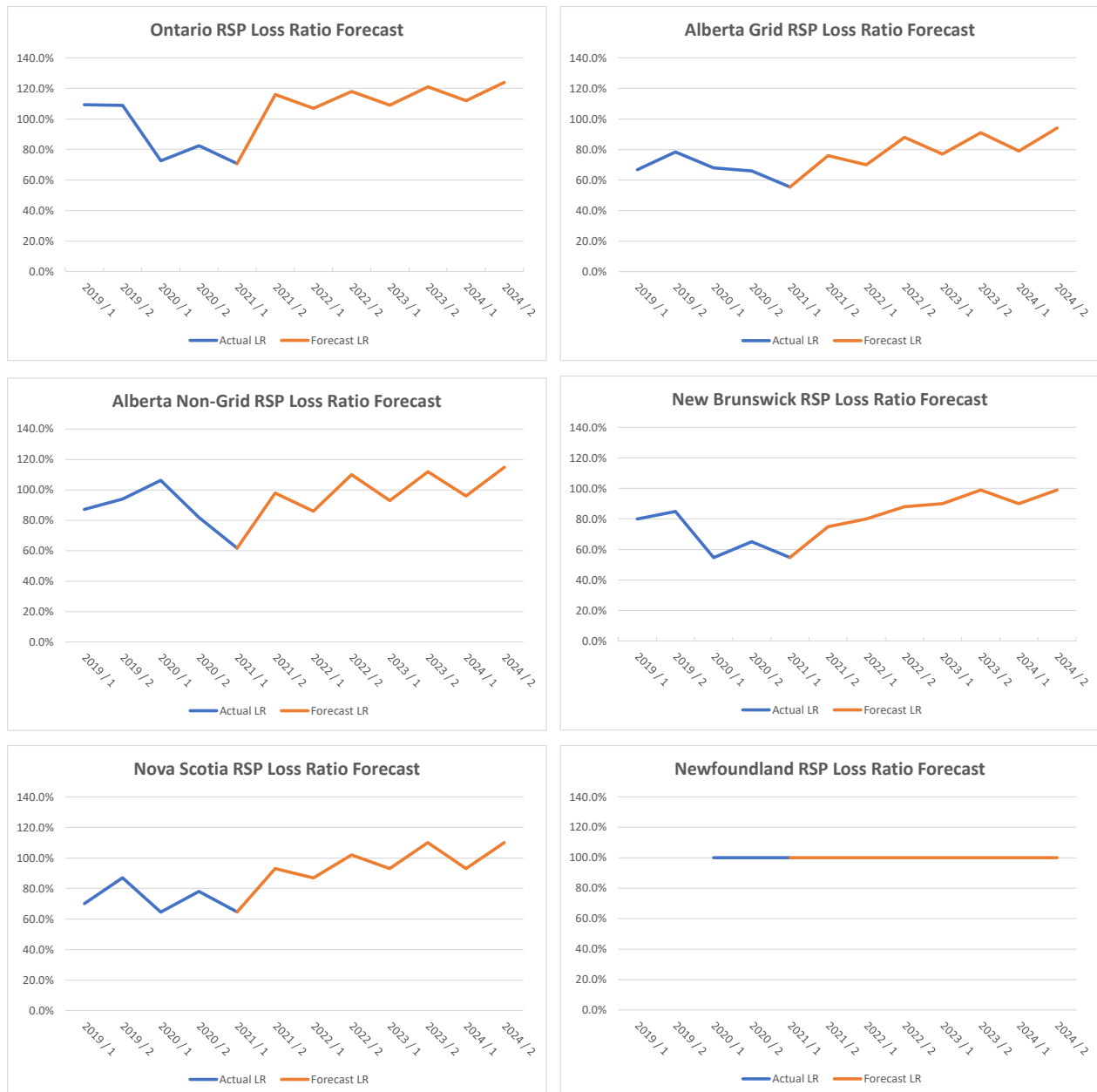
a priori (aka "expected") Loss Ratio Comparisons						
	Ontario	Alberta Grid	Alberta Non-Grid	New Brunswick	Nova Scotia	Newfoundland & Labrador
Accident Year 2021 a priori LR	101.4%	65.6%	84.9%	68.2%	80.5%	100.0%
divide by ep factor	1.022	0.944	0.968	1.016	1.024	1.000
multiply by clms factor	1.136	1.137	1.121	1.253	1.195	1.000
multiply by rounding correction	1.000	1.000	1.000	1.000	1.000	1.000
Accident Year 2022 a priori LR	112.7%	79.0%	98.4%	84.1%	93.9%	100.0%

Following are a priori loss ratio projection charts by jurisdiction at the accident half-year level. Key drivers of the projections are,

- **In all jurisdictions**, COVID-19 has reduced loss ratios for 2020-H1 through 2021-H1. Loss ratios are expected to rise in the second half of 2021 and continue to increase at the rate of claims inflation into 2022 and beyond;
- For the **Alberta RSPs**, the January 2021 insurance reform has a significant impact on loss ratios. We have assumed a loss ratio reduction as a result of the reform starting in 2021, but there is a mandated Grid rate decrease that will be effective in 2022 and we have assumed this will increase loss ratios for both Grid and Non-Grid starting in 2022, in addition to the underlying claims inflation rate;
- For **New Brunswick and Nova Scotia**, the RSP Harmonization rules effective January 2022 will result in an entirely new risk profile of the pools. To account for this, a new a priori loss ratio has been selected for business written in 2022 and beyond based on the average industry loss ratio for those provinces plus an additional uplift factor derived from comparison of Ontario and Alberta industry loss ratios with the pool loss ratios; and

¹⁰The a priori loss ratios are derived at the start of the valuation process, prior to updating for current actual results. The ultimates used for this process are based on the most recently completed valuations. For roll-forward valuations, a priori LR's are not always updated, but rather brought forward from the prior full valuation. The a priori loss ratios used for the Jun 30, 2021 valuation were updated and reflected selections of ultimate from the Oct 31, 2021 valuation for all RSPs.

- A full analysis of **RSP Newfoundland & Labrador** has not yet been conducted, and the loss ratio is still pegged to 100% as per the initial analysis. A full analysis and new forecast will be created as part of the 2021-Q4 valuation.



For the sake of brevity in presentation, we've included a single table displaying the accident year loss ratios used in the projections (a priori loss ratio selections are made at the coverage and accident half-year level and are available upon request).

Selected Loss Ratios – table 1

Loss Ratios Accident Year	RSP ON			RSP AB Grid			RSP AB Non-Grid		
	EP in \$000s	Sel Ult in \$000s	Selected LR	EP in \$000s	Sel Ult in \$000s	Selected LR	EP in \$000s	Sel Ult in \$000s	Selected LR
1993	92,972	105,010	112.9%	-	-	-	-	-	-
1994	200,791	216,197	107.7%	-	-	-	-	-	-
1995	235,451	206,295	87.6%	-	-	-	-	-	-
1996	197,412	194,492	98.5%	-	-	-	-	-	-
1997	152,922	111,264	72.8%	-	-	-	-	-	-
1998	103,106	84,644	82.1%	-	-	-	-	-	-
1999	68,831	80,095	116.4%	-	-	-	-	-	-
2000	69,659	84,971	122.0%	-	-	-	-	-	-
2001	80,047	100,991	126.2%	-	-	-	-	-	-
2002	113,770	134,072	117.8%	-	-	-	-	-	-
2003	142,680	128,969	90.4%	-	-	-	-	-	-
2004	165,860	128,619	77.5%	47,289	24,416	51.6%	558	1,948	349.1%
2005	158,965	116,744	73.4%	268,327	162,417	60.5%	24,923	24,269	97.4%
2006	163,889	164,194	100.2%	298,763	198,350	66.4%	73,869	64,236	87.0%
2007	180,957	181,179	100.1%	308,219	218,941	71.0%	70,463	71,791	101.9%
2008	214,486	258,014	120.3%	287,804	193,075	67.1%	76,379	77,207	101.1%
2009	224,096	346,175	154.5%	259,264	157,134	60.6%	71,791	68,511	95.4%
2010	284,367	430,303	151.3%	219,026	135,060	61.7%	72,937	62,019	85.0%
2011	280,097	242,253	86.5%	200,100	132,442	66.2%	78,509	66,301	84.5%
2012	301,957	252,435	83.6%	183,214	134,199	73.2%	77,273	78,343	101.4%
2013	299,210	278,996	93.2%	146,817	108,934	74.2%	81,128	80,450	99.2%
2014	270,934	266,194	98.3%	144,691	116,281	80.4%	84,035	89,106	106.0%
2015	262,586	284,641	108.4%	146,720	134,105	91.4%	89,794	84,362	94.0%
2016	268,896	315,357	117.3%	130,783	123,017	94.1%	89,825	104,344	116.2%
2017	373,328	393,130	105.3%	149,056	126,539	84.9%	96,150	101,330	105.4%
2018	349,407	406,972	116.5%	160,936	132,998	82.6%	105,294	105,248	100.0%
2019	360,348	390,442	108.4%	180,691	131,729	72.9%	116,717	105,901	90.7%
2020	421,149	328,399	78.0%	196,454	131,757	67.1%	124,700	117,569	94.3%
2021			90.6%			65.5%			80.9%
2022			112.7%			79.0%			98.4%
2023			115.3%			84.0%			102.8%

Selected Loss Ratios – table 2

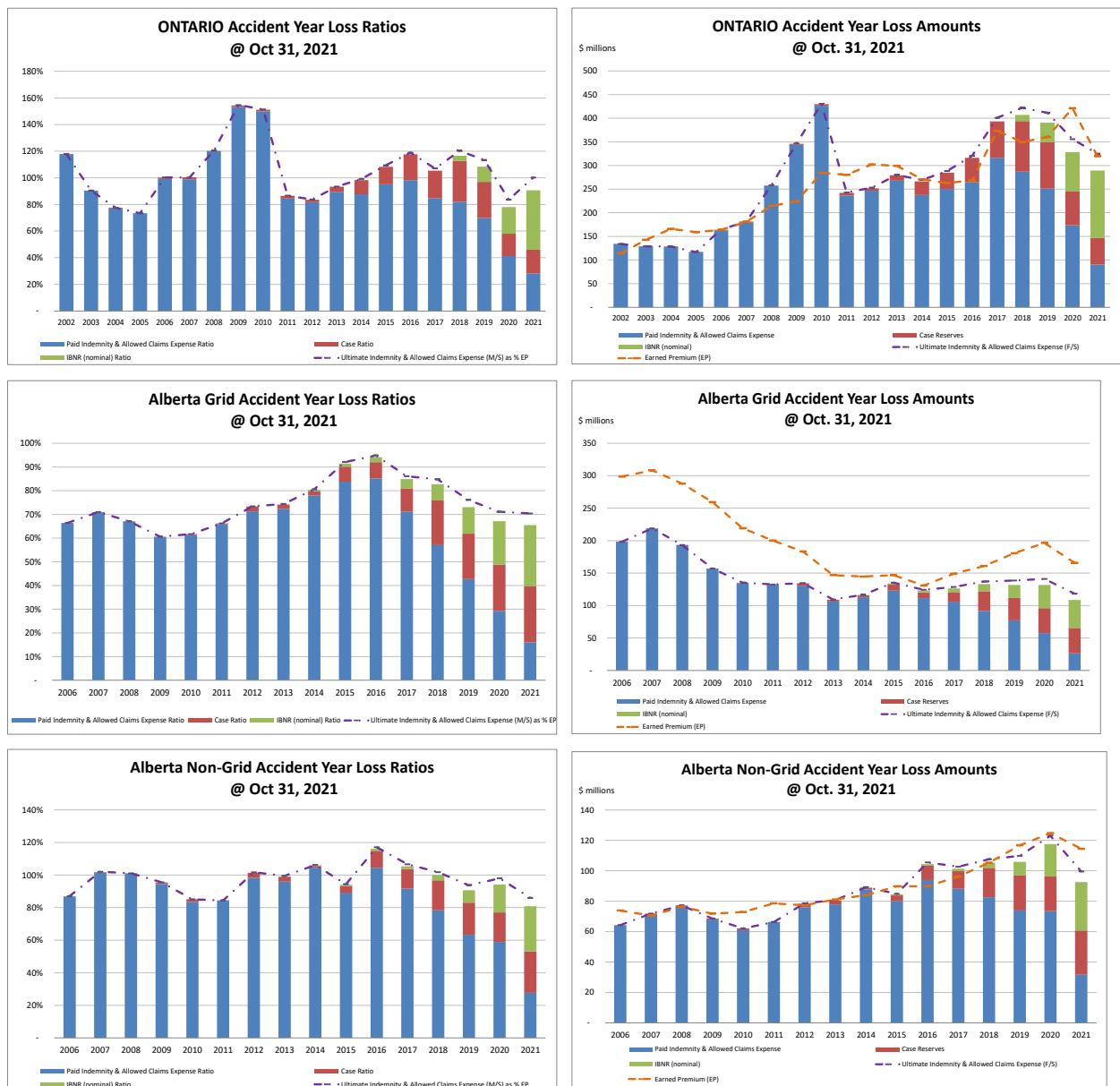
Loss Ratios Accident Year	RSP NB			RSP NS			RSP NL		
	EP in \$000s	Sel Ult in \$000s	Selected LR	EP in \$000s	Sel Ult in \$000s	Selected LR	EP in \$000s	Sel Ult in \$000s	Selected LR
2005	4,932	4,145	84.0%	-	-	-	-	-	-
2006	11,215	5,966	53.2%	-	-	-	-	-	-
2007	12,451	8,972	72.1%	2,057	1,109	53.9%	-	-	-
2008	12,180	9,289	76.3%	10,620	7,246	68.2%	-	-	-
2009	13,459	11,369	84.5%	14,065	8,968	63.8%	-	-	-
2010	11,900	6,881	57.8%	14,454	10,605	73.4%	-	-	-
2011	10,010	8,658	86.5%	12,312	11,090	90.1%	-	-	-
2012	10,052	5,738	57.1%	13,197	13,402	101.6%	-	-	-
2013	10,403	8,059	77.5%	13,787	12,697	92.1%	-	-	-
2014	9,542	6,311	66.1%	13,172	11,450	86.9%	-	-	-
2015	10,176	6,374	62.6%	14,026	12,499	89.1%	-	-	-
2016	9,935	6,511	65.5%	14,840	14,256	96.1%	-	-	-
2017	10,626	8,373	78.8%	18,917	17,560	92.8%	-	-	-
2018	13,134	10,442	79.5%	27,471	21,858	79.6%	-	-	-
2019	15,831	13,203	83.4%	30,270	24,159	79.8%	-	-	-
2020	18,077	10,823	59.9%	37,478	27,033	72.1%	-	-	100.0%
2021			66.3%			77.4%			100.0%
2022			84.1%			93.9%			100.0%
2023			94.6%			100.8%			100.0%

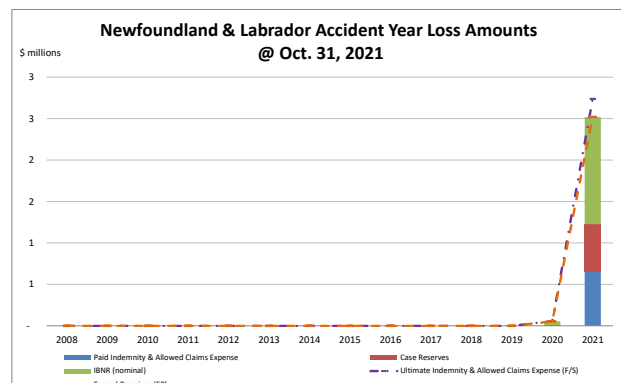
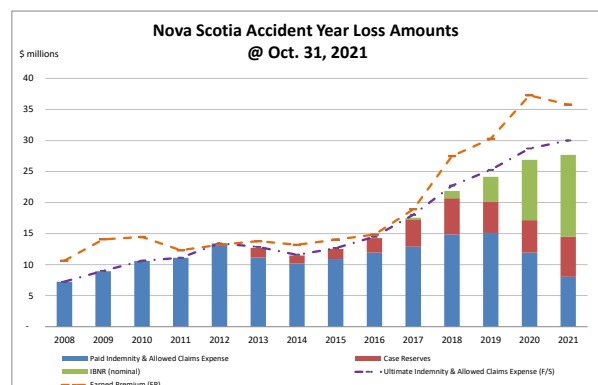
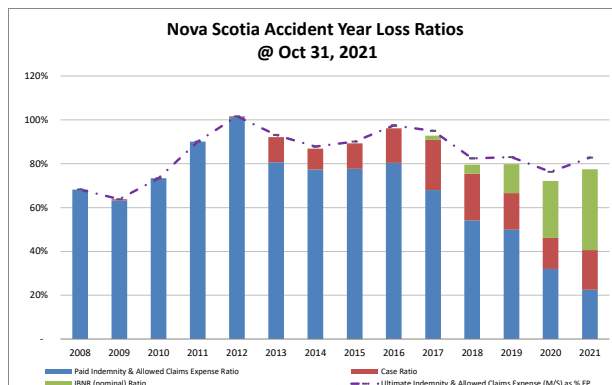
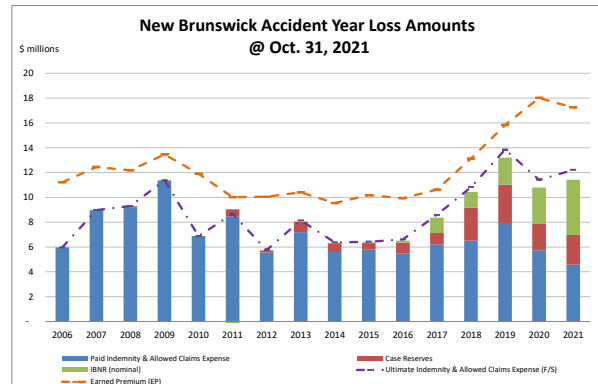
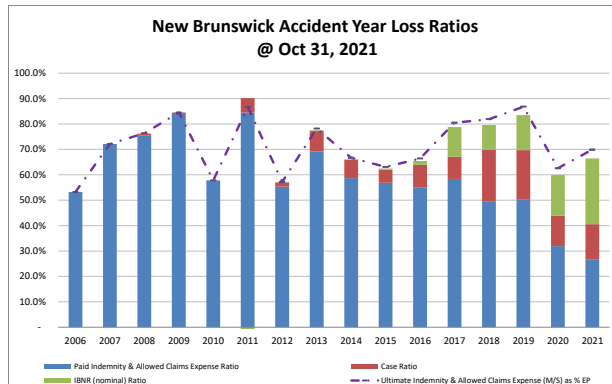
The operating results for Calendar Year **2021** include actual development on accident years 2020 and prior incurred claims amounts, up to and including activity in the month of October 2021. No further

nominal development (favourable or unfavourable) is projected for the remainder of the Calendar Year (actuarial present value adjustments are expected to change as nominal claims liabilities are unwound with claims settlement). Similarly, no nominal prior accident year development is projected during Calendar Year 2022, but actuarial present value adjustment changes are projected to occur as claims liabilities are unwound. The discount rates and margins for adverse development are unchanged throughout the projection period.

The historical loss ratios for the RSPs (left charts) and dollar amount of volume changes (right charts) for the RSPs are also provided below to provide some historical context. Note that the scales differ by chart.

Booked Accident Year Claims by RSP (ratios on left; amounts on right)





3.3 Non-Claims Expenses

Expense allowances are the amounts paid to Members as a percentage of (written) premiums transferred to an RSP, in respect of commissions and other underwriting expenses, as well as claims adjustment expenses. The expense allowance ratios applied to the estimated premiums transferred during Calendar Year **2022** were presented to the FA Board and approved at its August 2021 meeting; updates were included in the 2021 Q3 valuation assumptions and reflected in the October 2021 Operational Reports for all RSP jurisdictions.

- **Ontario RSP** The expense allowance ratios vary by Member, subject to a maximum (as approved annually by the FA Board) with the Calendar Year 2021 maximum communicated to Members in Bulletin F2020-068 and the Calendar Year 2022 maximum via Bulletin F2021-072.

- **Other RSPs** The expense allowances for each calendar year and RSP are approved annually by the FA Board. The Calendar Year 2021 ratios are those as communicated in Bulletins F2020-064 (Alberta), F2020-065 (New Brunswick), F2020-067 (Nova Scotia), and F2020-066 (Newfoundland & Labrador). The Calendar Year 2022 ratios are those as communicated in Bulletins F2021-068 (Alberta), F2021-069 (New Brunswick), F2021-070 (Nova Scotia), and F2021-071 (Newfoundland & Labrador).

The following table summarizes the approved expense factors by RSP.

RSP / Jurisdiction	Approved Expense Factor CY 2022*	Approved Expense Factor CY 2021	Comments
Ontario (expense cap)	31.0% with prof fee ratio unchanged at 4.0%	31.5% with prof fee ratio unchanged at 4.0%	<u>Reduction to the cap and no change to the professional fee offset</u> , which will decrease the projected calendar year 2022 expense ratio by 1.4% pts (no changes would result in a projected decrease of 1.2% pts)
Alberta	29.8%	30.3%	<u>decrease by 0.5 percentage points</u> primarily due to decreases in claims expense ratios
New Brunswick	29.2%	30.6%	<u>decrease by 1.4 percentage points</u> primarily due to decreases in claims expense ratios
Nova Scotia	29.3%	31.3%	<u>decrease by 2.0 percentage points</u> primarily due to decreases in claims expense ratios
Newfoundland & Labrador	27.6%	28.5%	<u>decrease by 0.9 percentage points</u> primarily due to decreases in claims expense ratios

**approved by FA Board August 2021*

Calendar Year **2022** changes in premium deficiency / (deferred policy acquisition costs) are estimated by applying loss ratios and future servicing cost ratios to the starting and ending projected unearned premiums. The underlying premium deficiency ratios were derived on the basis of the expected loss ratios for accident year **2021** and **2022** as applicable, and expected future servicing costs estimated at the rate of 50% of administration expenses. Where the sum of these ratios was less than 100% (i.e. thus giving rise to an asset rather than a liability), the asset value was capped on the basis of the expense allowance ratio.

Administration Expenses for Calendar Year **2022** were projected as percentages of written premiums based on actual expenses-to-written premium ratios in recent years.

Calendar Year 2022 Expense Ratio Projections

Calendar Year 2022 Expense Ratio Projections							
	Ontario	Alberta Grid	Alberta Non-Grid	New Brunswick	Nova Scotia	Newfoundland & Labrador	TOTAL
Expense Allowance (% WP)	28.1%	29.8%	29.8%	29.2%	29.3%	27.6%	29.0%
Administrative Expense (% WP)	0.4%	0.6%	1.0%	5.1%	2.4%	3.7%	0.8%
prem def / (dpac) (% UP)	29.2%	(8.1%)	11.7%	4.5%	10.8%	10.1%	n/a

3.4 Operating Cash Flows

Net cash flows from operations for the RSPs are projected to be an overall inflow of \$80.5 million for Calendar Year **2022** as presented in the following table. Differences between the Calendar Year **2022** projection and the Calendar Year **2021** projections generally reflect the expected impacts of volume changes (on premium, expenses, and claims). Should volumes not change during **2022** as anticipated or payments prove higher than expected, net operating cash flows would be adversely impacted.

Projection Summary – Calendar Year 2022 – Net Operating Cash Flows

Calendar Year 2022 Net Operating Cash Flow Projections (\$000s)							
	Ontario	Alberta Grid	Alberta Non-Grid	New Brunswick	Nova Scotia	Newfoundland & Labrador	TOTAL
Written Premium	516,439	296,273	223,687	30,074	33,322	11,933	1,111,728
PAYs Paid Claims							
paid indemnity	164,021	73,102	49,400	4,638	11,278	702	303,141
paid allowed claims expense	27,998	8,481	5,235	1,665	1,527	67	44,973
PAYs Paid Claims	192,019	81,583	54,635	6,303	12,805	769	348,114
CAYs Paid Claims							
paid indemnity	159,975	86,848	83,601	7,644	8,930	2,823	349,821
paid allowed claims expense	1,616	349	252	15	36	3	2,271
CAYs Paid Claims	161,591	87,197	83,853	7,659	8,966	2,826	352,092
All AYs Paid Claims							
paid indemnity	323,996	159,950	133,001	12,282	20,208	3,525	652,962
paid allowed claims expense	29,614	8,830	5,487	1,680	1,563	70	47,244
All AYs Paid Claims	353,610	168,780	138,488	13,962	21,771	3,595	700,206
"Cash" Expenses							
Member Expense Allowance	145,120	88,293	66,658	8,783	9,766	3,294	321,914
Administrative Expenses	2,272	1,894	2,193	1,524	812	445	9,140
"Cash" Expenses	147,392	90,187	68,851	10,307	10,578	3,739	331,054
2022 Net Operating Cash Flow	15,437	37,306	16,348	5,805	973	4,599	80,468
2021 Net Operating Cash Flow							
Nov. 18, 2020 Outlook	(73,505)	18,738	(8,207)	1,376	7,432	4,026	(50,140)
Oct 31, 2021 Projection	(23,749)	48,775	30,441	3,749	1,529	3,937	64,681

Net operating cash flows are settled with members monthly based on their premium / claims payments transferred to the RSPs and for shares by accident year of the overall cash flows.

Historic net operating cash flows by RSP are presented in the tables that follow for reference (we excluded RSP Newfoundland & Labrador due to no completed calendar year data available).

Variances in cash inflow related to written premium is mitigated by the fact that most non-claims related cash outflows tend to move in sync with written premium (i.e. variances in inflows are offset partially by variances in outflows).

The major cash outflow that does not move in sync with written premium is related to indemnity payments for claims, as these payments are generally for settlements on portions of policies already expired, creating a lag between premium collected for coverage provision, and actual payments for coverage provided.

The significant increases in cash inflows forecast for 2022 stands out as an anomaly compared to recent years. The forecast growth in written premium is expected to outpace claims and expense payments. Should volumes not increase during 2022 as anticipated, or indemnity payments prove higher than expected, net operating cash flows would be negatively impacted.

This risk may be exacerbated by recent events. RSP volumes, and thus claims liabilities, are growing quickly at exactly a point in time where we have seen a slowdown in indemnity payments as a result of the COVID-19 pandemic, and these recent trends have influenced our projections of both premium growth and indemnity payments. A sudden reversal of either of these trends could result in a material reduction in the operating cash flow.

Ontario RSP Historic Operating Cash Flows by Share Year

\$millions	RSP Ontario					
	Share (i.e. Calendar) Year					
	2020	2019	2018	2017	2016	2015
written premium	401.8	419.8	347.8	362.5	336.1	239.0
expense allowance	117.7	123.1	104.5	110.8	99.7	70.5
administration	1.7	1.6	1.4	1.4	1.3	1.3
prem net of expenses	282.4	295.1	241.9	250.3	235.0	167.2
paid claims						
PAYs indemnity	178.4	191.3	185.4	174.2	177.7	165.8
PAY claims expenses	19.1	16.0	16.9	18.0	24.3	23.4
CAY indemnity	134.9	168.1	164.1	149.2	101.5	87.7
CAY clms expenses	1.0	1.1	1.2	0.7	0.5	0.5
all yrs indemnity	313.3	359.5	349.5	323.3	279.2	253.5
all yrs clms expenses	20.1	17.1	18.1	18.6	24.8	23.9
total claims & expenses paid	333.4	376.6	367.6	342.0	303.9	277.4
operating cash flow	(51.0)	(81.5)	(125.7)	(91.7)	(68.9)	(110.2)

values are carried in table to 3 decimals - rounding differences may result

Alberta Grid RSP Historic Operating Cash Flows by Share Year

RSP Alberta Grid						
\$millions	Share (i.e. Calendar) Year					
	2020	2019	2018	2017	2016	2015
written premium	182.4	207.2	158.5	160.0	148.5	138.3
expense allowance	55.5	64.5	47.1	46.2	44.7	39.1
administration	1.3	1.1	1.0	1.0	0.9	0.8
prem net of expenses	125.7	141.6	110.4	112.8	102.8	98.3
paid claims						
PAYs indemnity	82.9	76.9	82.8	81.0	68.7	79.4
PAY claims expenses	5.8	4.0	4.2	4.8	5.6	5.7
CAY indemnity	43.4	41.0	46.0	45.4	39.5	47.2
CAY clms expenses	0.2	0.2	0.2	0.2	0.1	0.2
all yrs indemnity	126.3	117.9	128.8	126.4	108.3	126.6
all yrs clms expenses	6.0	4.3	4.4	4.9	5.7	5.9
total claims & expenses paid	132.3	122.2	133.3	131.3	114.0	132.5
operating cash flow	(6.6)	19.4	(22.9)	(18.5)	(11.1)	(34.2)

values are carried in table to 3 decimals - rounding differences may result

Alberta Non-Grid RSP Historic Operating Cash Flows by Share Year

RSP Alberta Non-Grid						
\$millions	Share (i.e. Calendar) Year					
	2020	2019	2018	2017	2016	2015
written premium	121.4	122.4	114.0	99.0	99.7	86.0
expense allowance	36.9	38.1	33.9	28.6	30.0	24.3
administration	1.3	1.2	1.1	1.0	0.9	0.8
prem net of expenses	83.2	83.1	79.1	69.4	68.8	60.9
paid claims						
PAYs indemnity	52.6	40.3	46.5	53.7	42.5	41.8
PAY claims expenses	3.1	2.5	2.2	2.2	2.5	2.4
CAY indemnity	60.1	48.3	49.3	48.8	49.7	40.0
CAY clms expenses	0.3	0.2	0.2	0.2	0.1	0.1
all yrs indemnity	112.7	88.6	95.8	102.5	92.1	81.9
all yrs clms expenses	3.4	2.7	2.4	2.4	2.6	2.5
total claims & expenses paid	116.1	91.3	98.2	104.9	94.8	84.4
operating cash flow	(32.9)	(8.2)	(19.1)	(35.5)	(26.0)	(23.5)

values are carried in table to 3 decimals - rounding differences may result

New Brunswick RSP Historic Operating Cash Flows by Share Year

\$millions	RSP New Brunswick					
	Share (i.e. Calendar) Year					
	2020	2019	2018	2017	2016	2015
written premium	19.3	16.5	14.9	11.8	9.7	11.2
expense allowance	5.8	5.0	4.3	3.7	3.4	3.9
administration	0.9	0.9	0.6	0.6	0.5	0.5
prem net of expenses	12.6	10.7	10.0	7.4	5.8	6.8
paid claims						
PAYs indemnity	4.3	4.0	4.7	3.3	2.6	2.5
PAY claims expenses	0.7	0.4	0.6	0.4	0.4	0.5
CAY indemnity	4.6	6.1	4.3	3.5	3.2	3.4
CAY clms expenses	0.0	0.0	0.0	0.0	0.0	0.0
all yrs indemnity	8.9	10.2	9.0	6.7	5.8	6.0
all yrs clms expenses	0.7	0.4	0.7	0.4	0.4	0.5
total claims & expenses paid	9.6	10.6	9.6	7.1	6.3	6.5
operating cash flow	3.0	0.1	0.4	0.3	(0.4)	0.2

values are carried in table to 3 decimals - rounding differences may result

Nova Scotia RSP Historic Operating Cash Flows by Share Year

\$millions	RSP Nova Scotia					
	Share (i.e. Calendar) Year					
	2020	2019	2018	2017	2016	2015
written premium	45.5	33.0	28.9	25.3	15.2	14.5
expense allowance	14.4	10.2	8.7	7.8	5.3	5.0
administration	0.9	0.8	0.6	0.6	0.5	0.5
prem net of expenses	30.2	22.0	19.5	16.9	9.4	9.0
paid claims						
PAYs indemnity	10.0	10.1	7.3	6.8	4.9	5.8
PAY claims expenses	0.9	0.7	0.5	0.5	0.6	0.3
CAY indemnity	9.3	10.2	8.6	5.6	3.8	3.9
CAY clms expenses	0.1	0.1	0.1	0.0	0.0	0.0
all yrs indemnity	19.3	20.3	15.9	12.3	8.7	9.7
all yrs clms expenses	1.0	0.7	0.6	0.5	0.6	0.3
total claims & expenses paid	20.3	21.0	16.5	12.8	9.3	10.0
operating cash flow	9.9	1.0	3.0	4.0	0.1	(1.1)

values are carried in table to 3 decimals - rounding differences may result

3.5 Distributed (Charged) to Member Accounts

Net operating results for the RSPs are accumulated for the benefit of / (cost to) FA Members, and it is assumed that FA Members are able to reflect this in their own financial statements based on information provided in the monthly Operational Reports.

Separate and “formal” amounts distributed / (charged) to FA Member companies’ accounts have not been projected for the purpose of this Outlook, as it is assumed that such is automatically reflected in the monthly Operational Reports per the regular reporting process.

For financial statement purposes, formal distribution / (charges) to FA Members of accumulated operating results (deficit on a total basis) are reflected via an annual process that was first initiated with the September 2018 financial statements for the respective RSPs (**these were non-cash transactions**, netting a change in the “funds provided by members” liability with a corresponding change in the “due from members” asset). The 2021 annual process occurred with the release of the October 2021 Operational Report (being a balance sheet adjustment, no specific bulletins were set out to communicate this to members).

4. APPENDIX

Definitions and Presentation

Accounting Periods

- Calendar Year 2020: actual results for 12 months ending December 31, 2020.
- Calendar Year 2021: actual results for 10 months ending October 31, 2021, plus projected results for 2 months ending December 31, 2021.
- Calendar Year 2022: projected results for 12 months ending December 31, 2022.

Definitions

- Claim Liabilities are made up of case reserves and provision for Incurred but not Recorded claims amounts (“IBNR”).
- Premium Liabilities are made up of unearned premiums, and Premium Deficiency Reserves or Deferred Policy Acquisition Costs (“DPAC”) as applicable.
- Policy Liabilities are comprised of claim liabilities and premium liabilities.
- Actuarial Present Value Adjustments include the recognition of the time value of money and includes explicit provisions for adverse deviations (“PFAD”) as applicable.
- Actuarial Provisions encompass all claim liabilities other than case reserves, and all premium liabilities other than unearned premiums. As such, they include IBNR, and premium deficiency/(DPAC) as applicable.
- (Calendar Period) Claims Incurred are computed as the sum of calendar period paid claims amounts and calendar period changes in claim liabilities. While the majority of claims adjustment expenses are included in the Expense Allowances paid to member companies, there are allowed amounts in addition to the level included in the allowance. These amounts

are shown as “paid expenses” in Monthly Operational Reports and are included with paid indemnity for valuation purposes, and for presentation of Operating Results.

Data Sources & Related Valuations

- Actual results are taken from Operational Reports up to and including the month of October 2021.
- The October 2021 Operational Report reflects the results of recent valuations as at September 30, 2021 as described in the October 2021 Actuarial Highlights.
- Projected results from October 2021 for the months of November 2021 through December 2022 are based on assumptions derived for this purpose from the valuations as at September 30, 2021 and other information, extended to encompass Calendar Year 2022.

Format

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

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

5. EXHIBITS

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

EXHIBIT A Key Assumptions (counts, premium, loss ratios)

A-1 Ontario

A-2 Alberta Grid

A-3 Alberta Non-Grid

A-4 New Brunswick

A-5 Nova Scotia

A-6 Newfoundland & Labrador

EXHIBIT B RSP Outlook – Summary of Operations

B-1 Ontario

B-2 Alberta Grid

B-3 Alberta Non-Grid

B-4 New Brunswick

B-5 Nova Scotia

B-6 Newfoundland & Labrador

EXHIBIT C RSP Outlook – Projected Policy Liabilities

C-1 Ontario

C-2 Alberta Grid

C-3 Alberta Non-Grid

C-4 New Brunswick

C-5 Nova Scotia

C-6 Newfoundland & Labrador

EXHIBIT D PAYs' Claims Liabilities Development

Exhibit A

Exhibit A-1

Key Assumptions - Ontario RSP							
	Written Exposures	Average Written Premium	Written Premium (\$000s)	Earned Premium (\$000s)	earned rate change	claims trend	Ultimate Loss Ratio (nominal)
Amounts							
2020	191,969	2,093	401,800	420,634	4.0%	(13.8%)	78.0%
2021	179,240	2,166	388,167	385,981	5.6%	17.7%	90.6%
2022	204,289	2,528	516,439	477,938	2.2%	13.6%	112.7%
Change	%	%	%	%	pts	pts	pts
2021	(6.6%)	3.5%	(3.4%)	(8.2%)	1.6	31.5	12.6
2022	14.0%	16.7%	33.0%	23.8%	(3.4)	(4.1)	22.1

Selected Claims Development MfADs				
Accident Year	Third Party Liability	Accident Benefits	Other Coverages	Total
	Margins	Margins	Margins	Margins
1993	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%
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%
1999	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%
2004	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%
2007	10.0%	10.0%	10.0%	10.0%
2008	10.0%	10.0%	10.0%	10.0%
2009	10.0%	10.0%	10.0%	10.0%
2010	10.0%	10.0%	10.0%	10.0%
2011	10.0%	10.0%	10.0%	10.0%
2012	10.0%	10.0%	10.0%	10.0%
2013	10.0%	10.0%	10.0%	10.0%
2014	10.0%	10.0%	10.0%	10.0%
2015	10.0%	10.0%	10.0%	10.0%
2016	10.0%	10.0%	10.0%	10.0%
2017	10.0%	10.0%	10.0%	10.0%
2018	12.5%	12.5%	12.3%	12.5%
2019	15.0%	15.0%	14.3%	15.0%
2020	17.4%	17.5%	17.5%	17.5%
2021	17.4%	20.0%	6.1%	17.8%
2022	13.5%	20.0%	5.2%	13.7%
prem liab	13.5%	20.0%	5.2%	13.7%

discount rate: 0.88%
margin (basis points): 25

*prem liabilities as at 2021m09

Exhibit A-2

Key Assumptions - Alberta Grid RSP							
	Written Exposures	Average Written Premium	Written Premium (\$000s)	Earned Premium (\$000s)	earned rate change	claims trend	Ultimate Loss Ratio (nominal)
Amounts							
2020	66,575	2,740	182,442	195,875	9.0%	(12.9%)	67.1%
2021	78,748	2,890	227,544	200,782	8.6%	5.6%	65.5%
2022	114,011	2,599	296,273	262,801	(5.6%)	13.7%	79.0%
Change	%	%	%	%	pts	pts	pts
2021	18.3%	5.5%	24.7%	2.5%	(0.4)	18.5	(1.6)
2022	44.8%	(10.1%)	30.2%	30.9%	(14.2)	8.1	13.5

Accident Year	Selected Claims Development MfADs			
	Third Party Liability	Accident Benefits	Other Coverages	Total
	Margins	Margins	Margins	Margins
2004	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%
2007	10.0%	10.0%	10.0%	10.0%
2008	10.0%	10.0%	10.0%	10.0%
2009	10.0%	10.0%	10.0%	10.0%
2010	10.0%	10.0%	10.0%	10.0%
2011	10.0%	10.0%	10.0%	10.0%
2012	10.0%	10.0%	10.0%	10.0%
2013	10.0%	10.0%	10.0%	10.0%
2014	10.0%	10.0%	10.0%	10.0%
2015	10.0%	10.0%	10.0%	10.0%
2016	10.0%	10.0%	10.0%	10.0%
2017	10.0%	10.0%	10.0%	10.0%
2018	10.0%	10.0%	10.0%	10.0%
2019	12.5%	10.0%	12.5%	12.5%
2020	12.5%	10.0%	12.5%	12.4%
2021	12.2%	10.0%	7.2%	11.8%
2022	11.9%	10.0%	5.2%	10.8%
prem liab	11.9%	10.0%	5.2%	10.8%

discount rate: 0.81%
margin (basis points): 25

*prem liabilities as at 2021m09

Exhibit A-3

Key Assumptions - Alberta Non-Grid RSP							
	Written Exposures	Average Written Premium	Written Premium (\$000s)	Earned Premium (\$000s)	earned rate change	claims trend	Ultimate Loss Ratio (nominal)
Amounts							
2020	69,345	1,751	121,404	123,889	7.4%	(12.0%)	94.3%
2021	87,250	1,931	168,454	139,861	7.3%	7.9%	80.9%
2022	107,044	2,090	223,687	198,176	(3.2%)	12.1%	98.4%
Change	%	%	%	%	pts	pts	pts
2021	25.8%	10.3%	38.8%	12.9%	(0.1)	19.9	(13.4)
2022	22.7%	8.2%	32.8%	41.7%	(10.5)	4.2	17.5

Accident Year	Selected Claims Development MfADs			
	Third Party Liability	Accident Benefits	Other Coverages	Total
	Margins	Margins	Margins	Margins
2004	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%
2007	10.0%	10.0%	10.0%	10.0%
2008	10.0%	10.0%	10.0%	10.0%
2009	10.0%	10.0%	10.0%	10.0%
2010	10.0%	10.0%	10.0%	10.0%
2011	10.0%	10.0%	10.0%	10.0%
2012	10.0%	10.0%	10.0%	10.0%
2013	10.0%	10.0%	10.0%	10.0%
2014	10.0%	10.0%	10.0%	10.0%
2015	10.0%	10.0%	10.0%	10.0%
2016	10.0%	10.0%	9.8%	10.0%
2017	10.0%	10.0%	9.9%	10.0%
2018	10.0%	10.0%	10.0%	10.0%
2019	12.5%	10.0%	10.3%	12.4%
2020	12.5%	10.0%	12.5%	12.4%
2021	12.1%	10.0%	6.6%	11.3%
2022	11.8%	10.0%	5.2%	9.4%
prem liab	11.8%	10.0%	5.2%	9.4%

discount rate: 0.81%
margin (basis points): 25

*prem liabilities as at 2021m09

Exhibit A-4

Key Assumptions - New Brunswick RSP							
	Written Exposures	Average Written Premium	Written Premium (\$000s)	Earned Premium (\$000s)	earned rate change	claims trend	Ultimate Loss Ratio (nominal)
Amounts							
2020	12,724	1,517	19,306	18,039	8.0%	(9.6%)	59.9%
2021	12,756	1,629	20,779	20,312	5.9%	13.2%	66.3%
2022	17,213	1,747	30,074	26,023	1.6%	25.3%	84.1%
Change	%	%	%	%	pts	pts	pts
2021	0.3%	7.4%	7.6%	12.6%	(2.1)	22.8	6.4
2022	34.9%	7.2%	44.7%	28.1%	(4.3)	12.1	17.8

Accident Year	Selected Claims Development MfADs			
	Third Party Liability	Accident Benefits	Other Coverages	Total
	Margins	Margins	Margins	Margins
2004	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%
2007	10.0%	10.0%	10.0%	10.0%
2008	10.0%	10.0%	10.0%	10.0%
2009	10.0%	10.0%	10.0%	10.0%
2010	10.0%	10.0%	10.0%	10.0%
2011	10.0%	10.0%	10.0%	10.0%
2012	10.0%	10.0%	10.0%	10.0%
2013	10.0%	10.0%	10.0%	10.0%
2014	10.0%	10.0%	10.0%	10.0%
2015	10.0%	10.0%	10.0%	10.0%
2016	10.0%	10.0%	10.0%	10.0%
2017	10.0%	10.0%	10.0%	10.0%
2018	10.0%	10.0%	5.0%	10.0%
2019	12.5%	10.0%	9.5%	12.4%
2020	12.5%	10.0%	12.5%	12.3%
2021	12.3%	10.0%	5.5%	11.5%
2022	11.8%	10.0%	5.1%	9.5%
prem liab	11.8%	10.0%	5.1%	9.5%

discount rate: 0.86%
margin (basis points): 25

*prem liabilities as at 2021m09

Exhibit A-5

Key Assumptions - Nova Scotia RSP							
	Written Exposures	Average Written Premium	Written Premium (\$000s)	Earned Premium (\$000s)	earned rate change	claims trend	Ultimate Loss Ratio (nominal)
Amounts							
2020	24,247	1,878	45,525	37,402	9.4%	(8.3%)	72.1%
2021	17,145	1,900	32,580	41,523	8.6%	16.2%	77.4%
2022	16,864	1,976	33,322	34,102	2.4%	19.5%	93.9%
Change	%	%	%	%	pts	pts	pts
2021	(29.3%)	1.2%	(28.4%)	11.0%	(0.8)	24.5	5.3
2022	(1.6%)	4.0%	2.3%	(17.9%)	(6.2)	3.3	16.5

Accident Year	Selected Claims Development MfADs			
	Third Party Liability	Accident Benefits	Other Coverages	Total
	Margins	Margins	Margins	Margins
2004	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%
2007	10.0%	10.0%	10.0%	10.0%
2008	10.0%	10.0%	10.0%	10.0%
2009	10.0%	10.0%	10.0%	10.0%
2010	10.0%	10.0%	10.0%	10.0%
2011	10.0%	10.0%	10.0%	10.0%
2012	10.0%	10.0%	10.0%	10.0%
2013	10.0%	10.0%	10.0%	10.0%
2014	10.0%	10.0%	10.0%	10.0%
2015	10.0%	10.0%	10.0%	10.0%
2016	10.0%	10.0%	10.0%	10.0%
2017	10.0%	10.0%	10.0%	10.0%
2018	12.5%	10.0%	10.8%	12.3%
2019	12.5%	10.0%	9.9%	12.3%
2020	12.5%	10.0%	11.5%	12.3%
2021	12.4%	10.0%	5.6%	11.8%
2022	12.0%	10.0%	5.2%	10.3%
prem liab	12.0%	10.0%	5.2%	10.3%

discount rate: 0.78%
margin (basis points): 25

*prem liabilities as at 2021m09

Exhibit A-6

Key Assumptions - Newfoundland & Labrador RSP							
	Written Exposures	Average Written Premium	Written Premium (\$000s)	Earned Premium (\$000s)	earned rate change	claims trend	Ultimate Loss Ratio (nominal)
Amounts							
2020	174	1,165	203	54	-	-	100.0%
2021	5,467	1,338	7,315	3,537	-	-	100.0%
2022	8,963	1,331	11,933	9,418	-	-	100.0%
Change	%	%	%	%	pts	pts	pts
2021	3,036.3%	14.8%	3,503.4%	6,450.0%	-	-	-
2022	64.0%	(0.5%)	63.1%	166.3%	-	-	-

Calendar Year 2022 Final RSP Outlook
Risk Sharing Pools (RSPs)
Based on October 2021 Operational Reports

Exhibit B
Exhibit B-1
Ontario RSP
Summary of Operations

page 1 of 2

in \$ thousands	202201	202202	202203	202204	202205	202206	202207	202208	202209	202210	202211	202212
Underwriting Revenue												
written premium	38,173	35,878	42,979	44,060	51,808	55,981	57,565	40,202	48,045	32,677	38,354	30,717
decrease / (increase) in unearned	(4,149)	(4,236)	(6,778)	(7,921)	(12,603)	(16,111)	(14,344)	3,796	(5,329)	11,051	3,728	14,395
earned premium	34,024	31,642	36,201	36,139	39,205	39,870	43,221	43,998	42,716	43,728	42,082	45,112
Claims Incurred												
Prior Accident Years												
Undiscounted	-	-	-	-	-	-	-	-	-	-	-	-
effect of discounting	(2,791)	(2,365)	(2,339)	(2,118)	(2,136)	(1,402)	(1,859)	(1,764)	(1,357)	(1,760)	(1,696)	(1,789)
Discounted	(2,791)	(2,365)	(2,339)	(2,118)	(2,136)	(1,402)	(1,859)	(1,764)	(1,357)	(1,760)	(1,696)	(1,789)
Current Accident Year												
Undiscounted	38,345	35,661	40,798	40,728	44,184	44,934	48,710	49,586	48,140	49,281	47,427	50,841
effect of discounting	5,463	5,002	5,643	5,522	5,865	5,807	6,177	6,088	5,671	5,569	4,986	5,106
Discounted	43,808	40,663	46,441	46,250	50,049	50,741	54,887	55,674	53,811	54,850	52,413	55,947
Claims Incurred	41,017	38,298	44,102	44,132	47,913	49,339	53,028	53,910	52,454	53,090	50,717	54,158
Underwriting Expenses												
Expense Allowance	10,727	10,082	12,077	12,381	14,558	15,731	16,176	11,297	13,500	9,182	10,777	8,632
% wp	28.1%	28.1%	28.1%	28.1%	28.1%	28.1%	28.1%	28.1%	28.1%	28.1%	28.1%	28.1%
Premium Deficiency / (DPAC)												
Undiscounted	593	647	1,091	1,363	2,131	2,770	2,723	171	1,582	(749)	347	(1,121)
effect of discounting	558	578	930	1,100	1,744	2,235	2,019	(430)	818	(1,395)	(401)	(1,835)
Discounted	1,151	1,225	2,021	2,463	3,875	5,005	4,742	(259)	2,400	(2,144)	(54)	(2,956)
Underwriting Expenses	11,878	11,307	14,098	14,844	18,433	20,736	20,918	11,038	15,900	7,038	10,723	5,676
Net Underwriting Gain (Loss)	(18,871)	(17,963)	(21,999)	(22,837)	(27,141)	(30,205)	(30,725)	(20,950)	(25,638)	(16,400)	(19,358)	(14,722)
Administrative Expenses	168	158	189	194	228	247	253	177	211	144	168	135
Operating Result	(19,039)	(18,121)	(22,188)	(23,031)	(27,369)	(30,452)	(30,978)	(21,127)	(25,849)	(16,544)	(19,526)	(14,857)
Ratios												
Claims & Adj. Expenses to EP												
Prior Accident Year	(8.2%)	(7.5%)	(6.5%)	(5.9%)	(5.4%)	(3.5%)	(4.3%)	(4.0%)	(3.2%)	(4.0%)	(4.0%)	(4.0%)
Current Accident Year	128.8%	128.5%	128.3%	128.0%	127.7%	127.3%	127.0%	126.5%	126.0%	125.4%	124.5%	124.0%
All Accident Years Combined	120.6%	121.0%	121.8%	122.1%	122.3%	123.8%	122.7%	122.5%	122.8%	121.4%	120.5%	120.0%
Underwriting & Admin Exp (EP)	35.4%	36.2%	39.5%	41.6%	47.6%	52.6%	49.0%	25.5%	37.7%	16.4%	25.9%	12.9%
Combined Operating Ratio	156.0%	157.2%	161.3%	163.7%	169.9%	176.4%	171.7%	148.0%	160.5%	137.8%	146.4%	132.9%

Calendar Year 2022 Final RSP Outlook
Risk Sharing Pools (RSPs)
Based on October 2021 Operational Reports

Exhibit B-1
Ontario RSP
Summary of Operations

page 2 of 2

Ontario	100	FULL YEAR							
ON									
in \$ thousands		2020	2021	2022	Change during 2021		Change during 2022		
					Amount	%	Amount	%	
Underwriting Revenue									
written premium		401,800	388,167	516,439	(13,633)	(3.4%)	128,272	33.0%	
decrease / (increase) in unearned		18,834	(2,186)	(38,501)	(21,020)	(111.6%)	(36,315)	1,661.3%	
earned premium		420,634	385,981	477,938	(34,653)	(8.2%)	91,957	23.8%	
Claims Incurred									
Prior Accident Years									
Undiscounted		(120,204)	(25,821)	-	94,383	(78.5%)	25,821	(100.0%)	
effect of discounting		(20,350)	(56,227)	(23,376)	(35,877)	176.3%	32,851	(58.4%)	
Discounted		(140,554)	(82,048)	(23,376)	58,506	(41.6%)	58,672	(71.5%)	
Current Accident Year									
Undiscounted		383,860	354,619	538,635	(29,241)	(7.6%)	184,016	51.9%	
effect of discounting		44,281	38,442	58,390	(5,839)	(13.2%)	19,948	51.9%	
Discounted		428,141	393,061	597,025	(35,080)	(8.2%)	203,964	51.9%	
Claims Incurred		287,587	311,013	573,649	23,426	8.1%	262,636	84.4%	
Underwriting Expenses									
Expense Allowance		117,701	110,261	145,120	(7,440)	(6.3%)	34,859	31.6%	
% wp		29.3%	28.4%	28.1%	(0.9%)		(0.3%)		
Premium Deficiency / (DPAC)									
Undiscounted		(29,485)	(1,411)	11,548	28,074	(95.2%)	12,959	(918.4%)	
effect of discounting		1,872	(3,180)	5,921	(5,052)	(269.9%)	9,101	(286.2%)	
Discounted		(27,613)	(4,591)	17,469	23,022	(83.4%)	22,060	(480.5%)	
Underwriting Expenses		90,088	105,670	162,589	15,582	17.3%	56,919	53.9%	
Net Underwriting Gain (Loss)		42,959	(30,702)	(258,300)	(73,661)	(171.5%)	(227,598)	741.3%	
Administrative Expenses		1,652	1,886	2,272	234	14.2%	386	20.5%	
Operating Result		41,307	(32,588)	(260,572)	(73,895)	(178.9%)	(227,984)	699.6%	
Ratios									
Claims & Adj. Expenses to EP									
Prior Accident Year		(33.4%)	(21.3%)	(4.9%)	12.1%		16.4%		
Current Accident Year		101.8%	101.8%	124.9%	-		23.1%		
All Accident Years Combined		68.4%	80.5%	120.0%	12.1%		39.5%		
Underwriting & Admin Exp (EP)		21.8%	27.9%	34.5%	6.1%		6.6%		
Combined Operating Ratio		90.2%	108.4%	154.5%	18.2%		46.1%		

Calendar Year 2022 Final RSP Outlook
Risk Sharing Pools (RSPs)
Based on October 2021 Operational Reports

Exhibit B-2
Alberta Grid RSP
Summary of Operations

page 1 of 2

in \$ thousands	202201	202202	202203	202204	202205	202206	202207	202208	202209	202210	202211	202212
Underwriting Revenue												
written premium	17,971	18,467	19,903	25,463	26,733	28,509	28,997	27,952	27,556	24,418	25,134	25,170
decrease / (increase) in unearned	2,611	549	1,550	(4,447)	(4,520)	(6,847)	(6,152)	(4,938)	(5,083)	(1,043)	(2,722)	(2,430)
earned premium	20,582	19,016	21,453	21,016	22,213	21,662	22,845	23,014	22,473	23,375	22,412	22,740
Claims Incurred												
Prior Accident Years												
Undiscounted	-	-	-	-	-	-	-	-	-	-	-	-
effect of discounting	(709)	(860)	(835)	(719)	(740)	(534)	(569)	(587)	(489)	(479)	(604)	(609)
Discounted	(709)	(860)	(835)	(719)	(740)	(534)	(569)	(587)	(489)	(479)	(604)	(609)
Current Accident Year												
Undiscounted	16,260	15,022	16,948	16,603	17,548	17,113	18,048	18,180	17,754	18,467	17,705	17,965
effect of discounting	1,538	1,173	1,153	1,093	1,194	1,090	718	584	462	1,016	974	960
Discounted	17,798	16,195	18,101	17,696	18,742	18,203	18,766	18,764	18,216	19,483	18,679	18,925
Claims Incurred	17,089	15,335	17,266	16,977	18,002	17,669	18,197	18,177	17,727	19,004	18,075	18,316
Underwriting Expenses												
Expense Allowance	5,355	5,503	5,932	7,588	7,967	8,496	8,642	8,330	8,212	7,277	7,490	7,501
% wp	29.8%	29.8%	29.8%	29.8%	29.8%	29.8%	29.8%	29.8%	29.8%	29.8%	29.8%	29.8%
Premium Deficiency / (DPAC)												
Undiscounted	571	236	542	(530)	(402)	(696)	(458)	(120)	(57)	773	582	731
effect of discounting	(183)	(26)	(91)	352	368	550	511	432	449	163	297	284
Discounted	388	210	451	(178)	(34)	(146)	53	312	392	936	879	1,015
Underwriting Expenses	5,743	5,713	6,383	7,410	7,933	8,350	8,695	8,642	8,604	8,213	8,369	8,516
Net Underwriting Gain (Loss)	(2,250)	(2,032)	(2,196)	(3,371)	(3,722)	(4,357)	(4,047)	(3,805)	(3,858)	(3,842)	(4,032)	(4,092)
Administrative Expenses	115	118	127	163	171	182	185	179	176	156	161	161
Operating Result	(2,365)	(2,150)	(2,323)	(3,534)	(3,893)	(4,539)	(4,232)	(3,984)	(4,034)	(3,998)	(4,193)	(4,253)
Ratios												
Claims & Adj. Expenses to EP												
Prior Accident Year	(3.4%)	(4.5%)	(3.9%)	(3.4%)	(3.3%)	(2.5%)	(2.5%)	(2.6%)	(2.2%)	(2.0%)	(2.7%)	(2.7%)
Current Accident Year	86.5%	85.2%	84.4%	84.2%	84.4%	84.0%	82.1%	81.5%	81.1%	83.3%	83.3%	83.2%
All Accident Years Combined	83.1%	80.7%	80.5%	80.8%	81.1%	81.5%	79.6%	78.9%	78.9%	81.3%	80.6%	80.5%
Underwriting & Admin Exp (EP)	28.5%	30.7%	30.3%	36.0%	36.5%	39.4%	38.9%	38.3%	39.1%	35.8%	38.1%	38.2%
Combined Operating Ratio	111.6%	111.4%	110.8%	116.8%	117.6%	120.9%	118.5%	117.2%	118.0%	117.1%	118.7%	118.7%

Calendar Year 2022 Final RSP Outlook
Risk Sharing Pools (RSPs)
Based on October 2021 Operational Reports

Exhibit B-2
Alberta Grid RSP
Summary of Operations

page 2 of 2

Alberta Grid 200 AB Grid		FULL YEAR							
in \$ thousands		2020	2021	2022	Change during 2021		Change during 2022		
					Amount	%	Amount	%	
Underwriting Revenue									
	written premium	182,442	227,544	296,273	45,102	24.7%	68,729	30.2%	
	decrease / (increase) in unearned	13,433	(26,762)	(33,472)	(40,195)	(299.2%)	(6,710)	25.1%	
	earned premium	195,875	200,782	262,801	4,907	2.5%	62,019	30.9%	
Claims Incurred									
Prior Accident Years									
	Undiscounted	(14,876)	(25,577)	-	(10,701)	71.9%	25,577	(100.0%)	
	effect of discounting	(527)	(15,623)	(7,734)	(15,096)	2,864.5%	7,889	(50.5%)	
	Discounted	(15,403)	(41,200)	(7,734)	(25,797)	167.5%	33,466	(81.2%)	
Current Accident Year									
	Undiscounted	139,708	132,720	207,613	(6,988)	(5.0%)	74,893	56.4%	
	effect of discounting	11,461	9,883	11,955	(1,578)	(13.8%)	2,072	21.0%	
	Discounted	151,169	142,603	219,568	(8,566)	(5.7%)	76,965	54.0%	
	Claims Incurred	135,766	101,403	211,834	(34,363)	(25.3%)	110,431	108.9%	
Underwriting Expenses									
	Expense Allowance	55,469	68,945	88,293	13,476	24.3%	19,348	28.1%	
	% wp	30.4%	30.3%	29.8%	(0.1%)		(0.5%)		
	Premium Deficiency / (DPAC)								
	Undiscounted	(10,026)	(4,818)	1,172	5,208	(51.9%)	5,990	(124.3%)	
	effect of discounting	628	1,198	3,106	570	90.8%	1,908	159.3%	
	Discounted	(9,398)	(3,620)	4,278	5,778	(61.5%)	7,898	(218.2%)	
	Underwriting Expenses	46,071	65,325	92,571	19,254	41.8%	27,246	41.7%	
	Net Underwriting Gain (Loss)	14,038	34,054	(41,604)	20,016	142.6%	(75,658)	(222.2%)	
	Administrative Expenses	1,267	1,263	1,894	(4)	(0.3%)	631	50.0%	
	Operating Result	12,771	32,791	(43,498)	20,020	156.8%	(76,289)	(232.7%)	
Ratios									
Claims & Adj. Expenses to EP									
	Prior Accident Year	(7.9%)	(20.5%)	(2.9%)	(12.6%)		17.6%		
	Current Accident Year	77.2%	71.0%	83.5%	(6.2%)		12.5%		
	All Accident Years Combined	69.3%	50.5%	80.6%	(18.8%)		30.1%		
	Underwriting & Admin Exp (EP)	24.2%	33.2%	35.9%	9.0%		2.7%		
	Combined Operating Ratio	93.5%	83.7%	116.5%	(9.8%)		32.8%		

Calendar Year 2022 Final RSP Outlook
Risk Sharing Pools (RSPs)
Based on October 2021 Operational Reports

Exhibit B-3
Alberta Non-Grid RSP
Summary of Operations

page 1 of 2

in \$ thousands	202201	202202	202203	202204	202205	202206	202207	202208	202209	202210	202211	202212
Underwriting Revenue												
written premium	16,011	15,486	17,970	19,571	20,712	21,231	19,344	21,327	17,966	19,159	17,781	17,129
decrease / (increase) in unearned	(1,361)	(1,781)	(2,176)	(3,808)	(3,911)	(4,713)	(2,066)	(3,818)	(876)	(1,250)	(395)	644
earned premium	14,650	13,705	15,794	15,763	16,801	16,518	17,278	17,509	17,090	17,909	17,386	17,773
Claims Incurred												
Prior Accident Years												
Undiscounted	-	-	-	-	-	-	-	-	-	-	-	-
effect of discounting	(577)	(595)	(623)	(412)	(381)	(350)	(385)	(457)	(333)	(370)	(340)	(426)
Discounted	(577)	(595)	(623)	(412)	(381)	(350)	(385)	(457)	(333)	(370)	(340)	(426)
Current Accident Year												
Undiscounted	14,415	13,486	15,542	15,510	16,533	16,254	17,002	17,228	16,817	17,622	17,108	17,489
effect of discounting	1,300	915	830	835	1,001	936	943	899	829	830	738	689
Discounted	15,715	14,401	16,372	16,345	17,534	17,190	17,945	18,127	17,646	18,452	17,846	18,178
Claims Incurred	15,138	13,806	15,749	15,933	17,153	16,840	17,560	17,670	17,313	18,082	17,506	17,752
Underwriting Expenses												
Expense Allowance	4,772	4,615	5,355	5,832	6,173	6,327	5,764	6,355	5,353	5,710	5,298	5,104
% wp	29.8%	29.8%	29.8%	29.8%	29.8%	29.8%	29.8%	29.8%	29.8%	29.8%	29.8%	29.8%
Premium Deficiency / (DPAC)												
Undiscounted	(5)	59	135	204	299	428	446	567	562	658	690	746
effect of discounting	111	149	188	327	340	417	205	356	116	156	89	8
Discounted	106	208	323	531	639	845	651	923	678	814	779	754
Underwriting Expenses	4,878	4,823	5,678	6,363	6,812	7,172	6,415	7,278	6,031	6,524	6,077	5,858
Net Underwriting Gain (Loss)	(5,366)	(4,924)	(5,633)	(6,533)	(7,164)	(7,494)	(6,697)	(7,439)	(6,254)	(6,697)	(6,197)	(5,837)
Administrative Expenses	157	151	177	192	203	208	190	209	176	187	175	168
Operating Result	(5,523)	(5,075)	(5,810)	(6,725)	(7,367)	(7,702)	(6,887)	(7,648)	(6,430)	(6,884)	(6,372)	(6,005)
Ratios												
Claims & Adj. Expenses to EP												
Prior Accident Year	(3.9%)	(4.3%)	(3.9%)	(2.6%)	(2.3%)	(2.1%)	(2.2%)	(2.6%)	(1.9%)	(2.1%)	(2.0%)	(2.4%)
Current Accident Year	107.3%	105.1%	103.7%	103.7%	104.4%	104.1%	103.9%	103.5%	103.3%	103.0%	102.6%	102.3%
All Accident Years Combined	103.4%	100.8%	99.8%	101.1%	102.1%	102.0%	101.7%	100.9%	101.4%	100.9%	100.6%	99.9%
Underwriting & Admin Exp (EP)	34.4%	36.3%	37.1%	41.6%	41.8%	44.7%	38.2%	42.8%	36.3%	37.5%	36.0%	33.9%
Combined Operating Ratio	137.8%	137.1%	136.9%	142.7%	143.9%	146.7%	139.9%	143.7%	137.7%	138.4%	136.6%	133.8%

Calendar Year 2022 Final RSP Outlook
Risk Sharing Pools (RSPs)
Based on October 2021 Operational Reports

Exhibit B-3
Alberta Non-Grid RSP
Summary of Operations

page 2 of 2

Alberta non-Grid 250 AB non-Grid	FULL YEAR						
				Change during 2021		Change during 2022	
	2020	2021	2022	Amount	%	Amount	%
in \$ thousands							
Underwriting Revenue							
written premium	121,404	168,454	223,687	47,050	38.8%	55,233	32.8%
decrease / (increase) in unearned	2,485	(28,593)	(25,511)	(31,078)	(1,250.6%)	3,082	(10.8%)
earned premium	123,889	139,861	198,176	15,972	12.9%	58,315	41.7%
Claims Incurred							
Prior Accident Years							
Undiscounted	(5,252)	(15,527)	-	(10,275)	195.6%	15,527	(100.0%)
effect of discounting	(512)	(9,608)	(5,249)	(9,096)	1,776.6%	4,359	(45.4%)
Discounted	(5,764)	(25,135)	(5,249)	(19,371)	336.1%	19,886	(79.1%)
Current Accident Year							
Undiscounted	123,327	114,290	195,006	(9,037)	(7.3%)	80,716	70.6%
effect of discounting	7,257	7,513	10,745	256	3.5%	3,232	43.0%
Discounted	130,584	121,803	205,751	(8,781)	(6.7%)	83,948	68.9%
Claims Incurred	124,820	96,668	200,502	(28,152)	(22.6%)	103,834	107.4%
Underwriting Expenses							
Expense Allowance	36,903	51,040	66,658	14,137	38.3%	15,618	30.6%
% wp	30.4%	30.3%	29.8%	(0.1%)		(0.5%)	
Premium Deficiency / (DPAC)							
Undiscounted	(5,886)	304	4,789	6,190	(105.2%)	4,485	1,475.3%
effect of discounting	257	2,394	2,462	2,137	831.5%	68	2.8%
Discounted	(5,629)	2,698	7,251	8,327	(147.9%)	4,553	168.8%
Underwriting Expenses	31,274	53,738	73,909	22,464	71.8%	20,171	37.5%
Net Underwriting Gain (Loss)	(32,205)	(10,545)	(76,235)	21,660	(67.3%)	(65,690)	622.9%
Administrative Expenses	1,277	1,315	2,193	38	2.9%	878	66.8%
Operating Result	(33,482)	(11,860)	(78,428)	21,622	(64.6%)	(66,568)	561.3%
Ratios							
Claims & Adj. Expenses to EP							
Prior Accident Year	(4.7%)	(18.0%)	(2.6%)	(13.3%)		15.4%	
Current Accident Year	105.4%	87.1%	103.8%	(18.3%)		16.7%	
All Accident Years Combined	100.7%	69.1%	101.2%	(31.6%)		32.1%	
Underwriting & Admin Exp (EP)	26.3%	39.4%	38.4%	13.1%		(1.0%)	
Combined Operating Ratio	127.0%	108.5%	139.6%	(18.5%)		31.1%	

Calendar Year 2022 Final RSP Outlook
Risk Sharing Pools (RSPs)
Based on October 2021 Operational Reports

Exhibit B-4
New Brunswick RSP
Summary of Operations

page 1 of 2

in \$ thousands	202201	202202	202203	202204	202205	202206	202207	202208	202209	202210	202211	202212
Underwriting Revenue												
written premium	2,786	1,782	2,187	4,029	2,504	2,802	3,017	2,898	2,460	1,538	2,141	1,930
decrease / (increase) in unearned	(902)	(14)	(178)	(1,975)	(276)	(620)	(720)	(584)	(189)	840	160	407
earned premium	1,884	1,768	2,009	2,054	2,228	2,182	2,297	2,314	2,271	2,378	2,301	2,337
Claims Incurred												
Prior Accident Years												
Undiscounted	-	-	-	-	-	-	-	-	-	-	-	-
effect of discounting	(44)	(80)	(65)	(43)	(47)	(27)	(41)	(26)	(32)	(32)	(37)	(69)
Discounted	(44)	(80)	(65)	(43)	(47)	(27)	(41)	(26)	(32)	(32)	(37)	(69)
Current Accident Year												
Undiscounted	1,584	1,487	1,690	1,728	1,873	1,835	1,932	1,946	1,909	2,000	1,935	1,965
effect of discounting	118	83	99	106	113	110	111	111	108	110	106	104
Discounted	1,702	1,570	1,789	1,834	1,986	1,945	2,043	2,057	2,017	2,110	2,041	2,069
Claims Incurred	1,658	1,490	1,724	1,791	1,939	1,918	2,002	2,031	1,985	2,078	2,004	2,000
Underwriting Expenses												
Expense Allowance	813	520	639	1,177	731	819	881	846	718	450	625	564
% wp	29.2%	29.2%	29.2%	29.2%	29.2%	29.2%	29.2%	29.2%	29.2%	29.3%	29.2%	29.2%
Premium Deficiency / (DPAC)												
Undiscounted	(113)	20	26	(144)	61	55	78	116	156	240	231	256
effect of discounting	60	2	16	139	26	50	59	55	26	(45)	5	(10)
Discounted	(53)	22	42	(5)	87	105	137	171	182	195	236	246
Underwriting Expenses	760	542	681	1,172	818	924	1,018	1,017	900	645	861	810
Net Underwriting Gain (Loss)	(534)	(264)	(396)	(909)	(529)	(660)	(723)	(734)	(614)	(345)	(564)	(473)
Administrative Expenses	141	90	111	204	127	142	153	146	125	78	109	98
Operating Result	(675)	(354)	(507)	(1,113)	(656)	(802)	(876)	(880)	(739)	(423)	(673)	(571)
Ratios												
Claims & Adj. Expenses to EP												
Prior Accident Year	(2.3%)	(4.5%)	(3.2%)	(2.1%)	(2.1%)	(1.2%)	(1.8%)	(1.1%)	(1.4%)	(1.3%)	(1.6%)	(3.0%)
Current Accident Year	90.3%	88.8%	89.0%	89.3%	89.1%	89.1%	88.9%	88.9%	88.8%	88.7%	88.5%	88.5%
All Accident Years Combined	88.0%	84.3%	85.8%	87.2%	87.0%	87.9%	87.1%	87.8%	87.4%	87.4%	87.1%	85.5%
Underwriting & Admin Exp (EP)	47.8%	35.7%	39.4%	67.0%	42.4%	48.9%	51.0%	50.3%	45.1%	30.4%	42.2%	38.9%
Combined Operating Ratio	135.8%	120.0%	125.2%	154.2%	129.4%	136.8%	138.1%	138.1%	132.5%	117.8%	129.3%	124.4%

Calendar Year 2022 Final RSP Outlook
Risk Sharing Pools (RSPs)
Based on October 2021 Operational Reports

Exhibit B-4
New Brunswick RSP
Summary of Operations

page 2 of 2

New Brunswick 300 NB			FULL YEAR						
in \$ thousands			2020	2021	2022	Change during 2021		Change during 2022	
						Amount	%	Amount	%
Underwriting Revenue									
	written premium		19,306	20,779	30,074	1,473	7.6%	9,295	44.7%
	decrease / (increase) in unearned		(1,267)	(467)	(4,051)	800	(63.1%)	(3,584)	767.5%
earned premium			18,039	20,312	26,023	2,273	12.6%	5,711	28.1%
Claims Incurred									
Prior Accident Years									
	Undiscounted		1,007	(1,347)	-	(2,354)	(233.8%)	1,347	(100.0%)
	effect of discounting		352	(983)	(543)	(1,335)	(379.3%)	440	(44.8%)
	Discounted		1,359	(2,330)	(543)	(3,689)	(271.4%)	1,787	(76.7%)
Current Accident Year									
	Undiscounted		11,913	13,698	21,884	1,785	15.0%	8,186	59.8%
	effect of discounting		825	727	1,279	(98)	(11.9%)	552	75.9%
	Discounted		12,738	14,425	23,163	1,687	13.2%	8,738	60.6%
Claims Incurred			14,097	12,095	22,620	(2,002)	(14.2%)	10,525	87.0%
Underwriting Expenses									
	Expense Allowance		5,832	6,361	8,783	529	9.1%	2,422	38.1%
	% wp		30.2%	30.6%	29.2%	0.4%		(1.4%)	
Premium Deficiency / (DPAC)									
	Undiscounted		53	691	982	638	1,203.8%	291	42.1%
	effect of discounting		330	(43)	383	(373)	(113.0%)	426	(990.7%)
	Discounted		383	648	1,365	265	69.2%	717	110.6%
Underwriting Expenses			6,215	7,009	10,148	794	12.8%	3,139	44.8%
Net Underwriting Gain (Loss)			(2,273)	1,208	(6,745)	3,481	(153.1%)	(7,953)	(658.4%)
Administrative Expenses			886	913	1,524	27	3.1%	611	66.9%
Operating Result			(3,159)	295	(8,269)	3,454	(109.3%)	(8,564)	(2,902.9%)
Ratios									
Claims & Adj. Expenses to EP									
	Prior Accident Year		7.5%	(11.5%)	(2.1%)	(19.0%)		9.4%	
	Current Accident Year		70.6%	71.0%	89.0%	0.4%		18.0%	
	All Accident Years Combined		78.1%	59.5%	86.9%	(18.6%)		27.4%	
	Underwriting & Admin Exp (EP)		39.4%	39.0%	44.9%	(0.4%)		5.9%	
Combined Operating Ratio			117.5%	98.5%	131.8%	(19.0%)		33.3%	

Calendar Year 2022 Final RSP Outlook
Risk Sharing Pools (RSPs)
Based on October 2021 Operational Reports

Exhibit B-5
Nova Scotia RSP
Summary of Operations

page 1 of 2

in \$ thousands	202201	202202	202203	202204	202205	202206	202207	202208	202209	202210	202211	202212
Underwriting Revenue												
written premium	2,994	2,137	2,601	3,043	3,032	3,223	3,366	3,080	2,930	2,613	2,413	1,890
decrease / (increase) in unearned	425	861	611	(55)	7	(351)	(529)	(452)	(518)	(88)	104	765
earned premium	3,419	2,998	3,212	2,988	3,039	2,872	2,837	2,628	2,412	2,525	2,517	2,655
Claims Incurred												
Prior Accident Years												
Undiscounted	-	-	-	-	-	-	-	-	-	-	-	-
effect of discounting	(86)	(116)	(110)	(86)	(84)	(89)	(107)	(107)	(121)	(88)	(81)	(124)
Discounted	(86)	(116)	(110)	(86)	(84)	(89)	(107)	(107)	(121)	(88)	(81)	(124)
Current Accident Year												
Undiscounted	3,210	2,815	3,017	2,806	2,854	2,696	2,664	2,468	2,265	2,371	2,363	2,494
effect of discounting	271	197	211	205	205	193	186	169	153	157	156	162
Discounted	3,481	3,012	3,228	3,011	3,059	2,889	2,850	2,637	2,418	2,528	2,519	2,656
Claims Incurred	3,395	2,896	3,118	2,925	2,975	2,800	2,743	2,530	2,297	2,440	2,438	2,532
Underwriting Expenses												
Expense Allowance	878	626	762	892	889	944	987	902	859	766	707	554
% wp	29.3%	29.3%	29.3%	29.3%	29.3%	29.3%	29.3%	29.3%	29.3%	29.3%	29.3%	29.3%
Premium Deficiency / (DPAC)												
Undiscounted	2	61	67	61	81	85	103	115	121	142	155	164
effect of discounting	(34)	(69)	(47)	11	6	39	52	49	55	20	5	(51)
Discounted	(32)	(8)	20	72	87	124	155	164	176	162	160	113
Underwriting Expenses	846	618	782	964	976	1,068	1,142	1,066	1,035	928	867	667
Net Underwriting Gain (Loss)	(822)	(516)	(688)	(901)	(912)	(996)	(1,048)	(968)	(920)	(843)	(788)	(544)
Administrative Expenses	73	53	63	74	74	79	82	75	72	63	58	46
Operating Result	(895)	(569)	(751)	(975)	(986)	(1,075)	(1,130)	(1,043)	(992)	(906)	(846)	(590)
Ratios												
Claims & Adj. Expenses to EP												
Prior Accident Year	(2.5%)	(3.9%)	(3.4%)	(2.9%)	(2.8%)	(3.1%)	(3.8%)	(4.1%)	(5.0%)	(3.5%)	(3.2%)	(4.7%)
Current Accident Year	101.8%	100.5%	100.5%	100.8%	100.7%	100.6%	100.5%	100.3%	100.2%	100.1%	100.1%	100.0%
All Accident Years Combined	99.3%	96.6%	97.1%	97.9%	97.9%	97.5%	96.7%	96.2%	95.2%	96.6%	96.9%	95.3%
Underwriting & Admin Exp (EP)	26.9%	22.4%	26.3%	34.7%	34.6%	39.9%	43.1%	43.4%	45.9%	39.2%	36.8%	26.9%
Combined Operating Ratio	126.2%	119.0%	123.4%	132.6%	132.5%	137.4%	139.8%	139.6%	141.1%	135.8%	133.7%	122.2%

Calendar Year 2022 Final RSP Outlook
Risk Sharing Pools (RSPs)
Based on October 2021 Operational Reports

Exhibit B-5
Nova Scotia RSP
Summary of Operations

page 2 of 2

Nova Scotia 400 NS		FULL YEAR							
in \$ thousands		2020	2021	2022	Change during 2021		Change during 2022		
					Amount	%	Amount	%	
Underwriting Revenue									
	written premium	45,525	32,580	33,322	(12,945)	(28.4%)	742	2.3%	
	decrease / (increase) in unearned	(8,123)	8,943	780	17,066	(210.1%)	(8,163)	(91.3%)	
	earned premium	37,402	41,523	34,102	4,121	11.0%	(7,421)	(17.9%)	
Claims Incurred									
Prior Accident Years									
	Undiscounted	(5,166)	(9,701)	-	(4,535)	87.8%	9,701	(100.0%)	
	effect of discounting	(71)	(3,017)	(1,199)	(2,946)	4,149.3%	1,818	(60.3%)	
	Discounted	(5,237)	(12,718)	(1,199)	(7,481)	142.8%	11,519	(90.6%)	
Current Accident Year									
	Undiscounted	33,093	32,552	32,023	(541)	(1.6%)	(529)	(1.6%)	
	effect of discounting	2,786	2,302	2,265	(484)	(17.4%)	(37)	(1.6%)	
	Discounted	35,879	34,854	34,288	(1,025)	(2.9%)	(566)	(1.6%)	
	Claims Incurred	30,642	22,136	33,089	(8,506)	(27.8%)	10,953	49.5%	
Underwriting Expenses									
	Expense Allowance	14,438	10,191	9,766	(4,247)	(29.4%)	(425)	(4.2%)	
	% wp	31.7%	31.3%	29.3%	(0.4%)		(2.0%)		
	Premium Deficiency / (DPAC)								
	Undiscounted	218	(1,025)	1,157	(1,243)	(570.2%)	2,182	(212.9%)	
	effect of discounting	1,419	(1,213)	36	(2,632)	(185.5%)	1,249	(103.0%)	
	Discounted	1,637	(2,238)	1,193	(3,875)	(236.7%)	3,431	(153.3%)	
	Underwriting Expenses	16,075	7,953	10,959	(8,122)	(50.5%)	3,006	37.8%	
	Net Underwriting Gain (Loss)	(9,315)	11,434	(9,946)	20,749	(222.7%)	(21,380)	(187.0%)	
	Administrative Expenses	892	834	812	(58)	(6.5%)	(22)	(2.6%)	
	Operating Result	(10,207)	10,600	(10,758)	20,807	(203.9%)	(21,358)	(201.5%)	
Ratios									
Claims & Adj. Expenses to EP									
	Prior Accident Year	(14.0%)	(30.6%)	(3.5%)	(16.6%)		27.1%		
	Current Accident Year	95.9%	83.9%	100.5%	(12.0%)		16.6%		
	All Accident Years Combined	81.9%	53.3%	97.0%	(28.6%)		43.7%		
	Underwriting & Admin Exp (EP)	45.4%	21.2%	34.5%	(24.2%)		13.3%		
	Combined Operating Ratio	127.3%	74.5%	131.5%	(52.8%)		57.0%		

Calendar Year 2022 Final RSP Outlook
Risk Sharing Pools (RSPs)
Based on October 2021 Operational Reports

Exhibit B-6

Newfoundland and Labrador RSP

Summary of Operations

page 1 of 2

in \$ thousands	202201	202202	202203	202204	202205	202206	202207	202208	202209	202210	202211	202212
Underwriting Revenue												
written premium	560	560	640	706	1,745	1,892	1,114	947	846	1,034	949	940
decrease / (increase) in unearned	11	(5)	14	(32)	(990)	(1,093)	(229)	(52)	25	(118)	(51)	5
earned premium	571	555	654	674	755	799	885	895	871	916	898	945
Claims Incurred												
Prior Accident Years												
Undiscounted	-	-	-	-	-	-	-	-	-	-	-	-
effect of discounting	(9)	(6)	(6)	(6)	(6)	(4)	(6)	(4)	(6)	(5)	(5)	(7)
Discounted	(9)	(6)	(6)	(6)	(6)	(4)	(6)	(4)	(6)	(5)	(5)	(7)
Current Accident Year												
Undiscounted	571	555	655	674	755	799	885	896	871	916	898	945
effect of discounting	46	44	50	51	55	57	59	59	53	52	47	47
Discounted	617	599	705	725	810	856	944	955	924	968	945	992
Claims Incurred	608	593	699	719	804	852	938	951	918	963	940	985
Underwriting Expenses												
Expense Allowance	155	155	176	195	481	522	307	262	234	285	262	260
% wp	27.7%	27.7%	27.5%	27.6%	27.6%	27.6%	27.6%	27.7%	27.7%	27.6%	27.6%	27.7%
Premium Deficiency / (DPAC)												
Undiscounted	(5)	1	(1)	-	19	21	4	-	1	1	2	(1)
effect of discounting	(3)	2	(2)	4	81	89	20	3	(2)	10	6	(2)
Discounted	(8)	3	(3)	4	100	110	24	3	(1)	11	8	(3)
Underwriting Expenses	147	158	173	199	581	632	331	265	233	296	270	257
Net Underwriting Gain (Loss)	(184)	(196)	(218)	(244)	(630)	(685)	(384)	(321)	(280)	(343)	(312)	(297)
Administrative Expenses	21	21	24	26	65	70	42	36	32	38	35	35
Operating Result	(205)	(217)	(242)	(270)	(695)	(755)	(426)	(357)	(312)	(381)	(347)	(332)
Ratios												
Claims & Adj. Expenses to EP												
Prior Accident Year	(1.6%)	(1.1%)	(0.9%)	(0.9%)	(0.8%)	(0.5%)	(0.7%)	(0.4%)	(0.7%)	(0.5%)	(0.6%)	(0.7%)
Current Accident Year	108.1%	107.9%	107.8%	107.6%	107.3%	107.1%	106.7%	106.7%	106.1%	105.7%	105.2%	105.0%
All Accident Years Combined	106.5%	106.8%	106.9%	106.7%	106.5%	106.6%	106.0%	106.3%	105.4%	105.2%	104.6%	104.3%
Underwriting & Admin Exp (EP)	29.4%	32.3%	30.1%	33.4%	85.6%	87.9%	42.1%	33.6%	30.4%	36.5%	34.0%	30.9%
Combined Operating Ratio	135.9%	139.1%	137.0%	140.1%	192.1%	194.5%	148.1%	139.9%	135.8%	141.7%	138.6%	135.2%

Calendar Year 2022 Final RSP Outlook
Risk Sharing Pools (RSPs)
Based on October 2021 Operational Reports

Exhibit B-6
Newfoundland and Labrador RSP
Summary of Operations

page 2 of 2

Newfoundland & 500 NL	FULL YEAR						
				Change during 2021		Change during 2022	
	2020	2021	2022	Amount	%	Amount	%
in \$ thousands							
Underwriting Revenue							
written premium	203	7,315	11,933	7,112	3,503.4%	4,618	63.1%
decrease / (increase) in unearned	(149)	(3,778)	(2,515)	(3,629)	2,435.6%	1,263	(33.4%)
earned premium	54	3,537	9,418	3,483	6,450.0%	5,881	166.3%
Claims Incurred							
Prior Accident Years							
Undiscounted	-	-	-	-	-	-	-
effect of discounting	-	(2)	(70)	(2)	100.0%	(68)	3,400.0%
Discounted	-	(2)	(70)	(2)	100.0%	(68)	3,400.0%
Current Accident Year							
Undiscounted	55	3,538	9,420	3,483	6,332.7%	5,882	166.3%
effect of discounting	6	259	620	253	4,216.7%	361	139.4%
Discounted	61	3,797	10,040	3,736	6,124.6%	6,243	164.4%
Claims Incurred	61	3,795	9,970	3,734	6,121.3%	6,175	162.7%
Underwriting Expenses							
Expense Allowance	61	2,086	3,294	2,025	3,319.7%	1,208	57.9%
% wp	30.0%	28.5%	27.6%	(1.5%)		(0.9%)	
Premium Deficiency / (DPAC)							
Undiscounted	3	75	42	72	2,400.0%	(33)	(44.0%)
effect of discounting	15	308	206	293	1,953.3%	(102)	(33.1%)
Discounted	18	383	248	365	2,027.8%	(135)	(35.2%)
Underwriting Expenses	79	2,469	3,542	2,390	3,025.3%	1,073	43.5%
Net Underwriting Gain (Loss)	(86)	(2,727)	(4,094)	(2,641)	3,070.9%	(1,367)	50.1%
Administrative Expenses	234	509	445	274	117.1%	(64)	(12.5%)
Operating Result	(320)	(3,236)	(4,539)	(2,915)	910.0%	(1,303)	40.3%
Ratios							
Claims & Adj. Expenses to EP							
Prior Accident Year	-	(0.1%)	(0.7%)	(0.1%)		(0.6%)	
Current Accident Year	113.0%	107.4%	106.6%	(5.6%)		(0.8%)	
All Accident Years Combined	113.0%	107.3%	105.9%	(5.7%)		(1.4%)	
Underwriting & Admin Exp (EP)	580.3%	84.2%	42.3%	(496.1%)		(41.9%)	
Combined Operating Ratio	693.3%	191.5%	148.2%	(501.8%)		(43.3%)	

Calendar Year 2022 Final RSP Outlook
Risk Sharing Pools (RSPs)
Based on October 2021 Operational Reports

Exhibit C
Exhibit C-1
Ontario RSP
Projected Policy Liabilities

page 1 of 2

Ontario		Projected Balances as at Dec. 31, 2021 (\$000s)						
ending 2021		nominal values			actuarial present value adjustments (apvs)			
Acc Yr	Case	IBNR	Total Unpaid	discount	investment PfAD	development PfAD	Total apvs	TOTAL
prior	29,099	12,728	41,827	(716)	200	4,120	3,604	45,431
2002	58	(47)	11	-	-	1	1	12
2003	8	13	21	(1)	-	2	1	22
2004	953	(73)	880	(27)	8	85	66	946
2005	39	(41)	(2)	-	-	-	-	(2)
2006	1,702	120	1,822	(75)	21	174	120	1,942
2007	2,644	(440)	2,204	(101)	28	210	137	2,341
2008	657	199	856	(41)	11	82	52	908
2009	2,112	515	2,627	(140)	39	249	148	2,775
2010	3,177	698	3,875	(221)	61	366	206	4,081
2011	5,604	218	5,822	(337)	93	548	304	6,126
2012	5,306	451	5,757	(284)	78	548	342	6,099
2013	11,197	(383)	10,814	(441)	121	1,037	717	11,531
2014	28,394	(38)	28,356	(943)	259	2,742	2,058	30,414
2015	33,800	73	33,873	(844)	232	3,303	2,691	36,564
2016	50,944	(930)	50,014	(1,061)	293	4,895	4,127	54,141
2017	75,467	(163)	75,304	(1,459)	405	7,383	6,329	81,633
2018	100,500	11,932	112,432	(2,398)	667	13,742	12,011	124,443
2019	95,650	37,069	132,719	(3,097)	862	19,421	17,186	149,905
2020	72,260	77,091	149,351	(3,992)	1,110	25,437	22,555	171,906
PAYs (sub-total):	519,571	138,992	658,563	(16,178)	4,488	84,345	72,655	731,218
CAY (2021)	106,385	141,848	248,233	(6,420)	1,785	43,077	38,442	286,675
claims liabilities:	625,956	280,840	906,796	(22,598)	6,273	127,422	111,097	1,017,893
	Unearned Premium	Premium Deficiency / (DPAC)	Total Provision	discount	investment PfAD	development PfAD	Total apvs	TOTAL*
premium liabilities:	213,498	27,562	241,060	(5,093)	1,416	32,205	28,528	269,588
*Total may not be sum of parts, as apvs apply to future costs within UPR								
policy liabilities:			1,147,856	(27,691)	7,689	159,627	139,625	1,287,481

Calendar Year 2022 Final RSP Outlook
Risk Sharing Pools (RSPs)
Based on October 2021 Operational Reports

Exhibit C-1
Ontario RSP
Projected Policy Liabilities

page 2 of 2

Ontario		Projected Balances as at Dec. 31, 2022 (\$000s)								
ending 2022		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	24,247	8,949	33,196	(313)	87	3,327	(31)	3,296	3,070	36,266
2003	10	9	19	-	-	2	-	2	2	21
2004	748	(49)	699	(18)	5	70	(2)	68	55	754
2005	27	(29)	(2)	-	-	-	-	-	-	(2)
2006	1,359	85	1,444	(52)	14	144	(5)	139	101	1,545
2007	2,058	(311)	1,747	(72)	20	175	(7)	168	116	1,863
2008	537	141	678	(31)	9	68	(3)	65	43	721
2009	1,723	363	2,086	(101)	28	209	(10)	199	126	2,212
2010	2,582	493	3,075	(164)	45	308	(16)	292	173	3,248
2011	4,466	153	4,619	(264)	73	462	(26)	436	245	4,864
2012	4,250	318	4,568	(265)	73	457	(26)	431	239	4,807
2013	8,850	(271)	8,579	(424)	116	858	(42)	816	508	9,087
2014	22,524	(28)	22,496	(918)	252	2,250	(92)	2,158	1,492	23,988
2015	26,824	49	26,873	(894)	245	2,687	(89)	2,598	1,949	28,822
2016	40,334	(655)	39,679	(989)	272	3,968	(99)	3,869	3,152	42,831
2017	59,856	(115)	59,741	(1,268)	350	5,973	(127)	5,846	4,928	64,669
2018	82,075	7,006	89,081	(1,726)	479	11,125	(216)	10,909	9,662	98,743
2019	79,620	19,706	99,326	(2,118)	589	14,882	(317)	14,565	13,036	112,362
2020	75,419	42,483	117,902	(2,751)	765	20,633	(482)	20,151	18,165	136,067
2021	119,672	79,299	198,971	(5,318)	1,479	35,445	(947)	34,498	30,659	229,630
PAYs (sub-total):	557,181	157,596	714,777	(17,686)	4,901	103,043	(2,537)	100,506	87,721	802,498
CAY (2022)	133,042	244,002	377,044	(9,751)	2,711	67,167	(1,737)	65,430	58,390	435,434
claims liabilities:	690,223	401,598	1,091,821	(27,437)	7,612	170,210	(4,274)	165,936	146,111	1,237,932
	Unearned Premium	Premium Deficiency / (DPAC)	Total Provision	discount	investment PfAD	nominal development PfAD	development PfAD discount	development PfAD	Total apvs	TOTAL*
premium liabilities:	252,000	39,110	291,110	(6,150)	1,710	39,730	(841)	38,889	34,449	325,559
*Total may not be sum of parts, as apvs apply to future costs within UPR										
policy liabilities:			1,382,931	(33,587)	9,322	209,940	(5,115)	204,825	180,560	1,563,491

Calendar Year 2022 Final RSP Outlook
Risk Sharing Pools (RSPs)
Based on October 2021 Operational Reports

Exhibit C-2
Alberta Grid RSP
Projected Policy Liabilities

page 1 of 2

Alberta Grid ending 2021	Projected Balances as at Dec. 31, 2021 (\$000s)									
	nominal values			actuarial present value adjustments (apvs)						TOTAL
	Case	IBNR	Total Unpaid	discount	investment PfAD	nominal development PfAD	development PfAD discount	development PfAD	Total apvs	
Acc Yr										
2005	457	(89)	368	-	-	37	-	37	37	405
2006	103	(68)	35	-	-	4	-	4	4	39
2007	430	(151)	279	(1)	-	28	-	28	27	306
2008	198	(18)	180	(2)	1	18	-	18	17	197
2009	198	(17)	181	(2)	1	18	-	18	17	198
2010	814	74	888	(11)	3	89	(1)	88	80	968
2011	489	24	513	(7)	2	51	(1)	50	45	558
2012	3,600	(186)	3,414	(47)	14	341	(5)	336	303	3,717
2013	2,526	136	2,662	(37)	11	266	(4)	262	236	2,898
2014	2,600	772	3,372	(47)	14	337	(5)	332	299	3,671
2015	9,062	1,781	10,843	(182)	55	1,084	(18)	1,066	939	11,782
2016	8,685	2,608	11,293	(204)	62	1,129	(20)	1,109	967	12,260
2017	13,056	5,538	18,594	(352)	107	1,859	(35)	1,824	1,579	20,173
2018	28,456	10,158	38,614	(743)	226	3,861	(74)	3,787	3,270	41,884
2019	32,579	19,389	51,968	(1,102)	335	6,487	(138)	6,349	5,582	57,550
2020	37,907	33,661	71,568	(1,657)	503	8,890	(206)	8,684	7,530	79,098
PAYs (sub-total):	141,159	73,538	214,697	(4,394)	1,334	24,507	(507)	24,000	20,940	235,637
CAY (2021)	53,752	45,789	99,541	(2,330)	707	11,782	(276)	11,506	9,883	109,424
claims liabilities:	194,911	119,327	314,238	(6,724)	2,041	36,289	(783)	35,506	30,823	345,061
	Unearned Premium	Premium Deficiency / (DPAC)	Total Provision	discount	investment PfAD	nominal development PfAD	development PfAD discount	development PfAD	Total apvs	TOTAL*
premium liabilities:	128,675	(26,597)	102,078	(2,240)	679	10,940	(241)	10,699	9,138	111,216
*Total may not be sum of parts, as apvs apply to future costs within UPR										
policy liabilities:			416,316	(8,964)	2,720	47,229	(1,024)	46,205	39,961	456,277

Calendar Year 2022 Final RSP Outlook
Risk Sharing Pools (RSPs)
Based on October 2021 Operational Reports

Exhibit C-2
Alberta Grid RSP
Projected Policy Liabilities

page 2 of 2

Alberta Grid ending 2022	Projected Balances as at Dec. 31, 2022 (\$000s)									
	nominal values			actuarial present value adjustments (apvs)						TOTAL
	Case	IBNR	Total Unpaid	discount	investment PfAD	nominal development PfAD	development PfAD discount	development PfAD	Total apvs	
Acc Yr										
2005	334	(62)	272	-	-	27	-	27	27	299
2006	73	(48)	25	-	-	3	-	3	3	28
2007	313	(106)	207	-	-	21	-	21	21	228
2008	147	(12)	135	(1)	-	14	-	14	13	148
2009	147	(12)	135	(1)	-	14	-	14	13	148
2010	603	53	656	(8)	2	66	(1)	65	59	715
2011	361	17	378	(5)	1	38	-	38	34	412
2012	2,655	(132)	2,523	(33)	10	252	(3)	249	226	2,749
2013	1,872	96	1,968	(27)	8	197	(3)	194	175	2,143
2014	1,949	543	2,492	(35)	11	249	(3)	246	222	2,714
2015	6,760	1,254	8,014	(112)	34	801	(11)	790	712	8,726
2016	6,509	1,838	8,347	(140)	43	835	(14)	821	724	9,071
2017	9,842	3,902	13,744	(248)	76	1,374	(25)	1,349	1,177	14,921
2018	20,784	6,882	27,666	(523)	159	2,767	(52)	2,715	2,351	30,017
2019	27,208	12,817	40,025	(771)	234	4,996	(96)	4,900	4,363	44,388
2020	33,115	23,270	56,385	(1,195)	363	7,004	(148)	6,856	6,024	62,409
2021	36,835	32,904	69,739	(1,615)	490	8,255	(191)	8,064	6,939	76,678
PAYs (sub-total):	149,504	83,151	232,655	(4,714)	1,431	26,919	(547)	26,372	23,089	255,744
CAY (2022)	78,893	41,523	120,416	(2,819)	855	14,253	(334)	13,919	11,955	132,371
claims liabilities:	228,397	124,674	353,071	(7,533)	2,286	41,172	(881)	40,291	35,044	388,115
	Unearned Premium	Premium Deficiency / (DPAC)	Total Provision	discount	investment PfAD	nominal development PfAD	development PfAD discount	development PfAD	Total apvs	TOTAL*
premium liabilities:	162,147	(25,425)	136,722	(3,001)	910	14,658	(323)	14,335	12,244	148,966
*Total may not be sum of parts, as apvs apply to future costs within UPR										
policy liabilities:			489,793	(10,534)	3,196	55,830	(1,204)	54,626	47,288	537,081

Calendar Year 2022 Final RSP Outlook
Risk Sharing Pools (RSPs)
Based on October 2021 Operational Reports

Exhibit C-3
Alberta Non-Grid RSP
Projected Policy Liabilities

page 1 of 2

Alberta non-Grid ending 2021	Projected Balances as at Dec. 31, 2021 (\$000s)									
	nominal values			actuarial present value adjustments (apvs)						TOTAL
	Case	IBNR	Total Unpaid	discount	investment PfAD	nominal development PfAD	development PfAD discount	development PfAD	Total apvs	
Acc Yr										
2005	70	5	75	-	-	7	-	7	7	82
2006	2	69	71	-	-	7	-	7	7	78
2007	281	58	339	(2)	1	34	-	34	33	372
2008	(31)	62	31	-	-	3	-	3	3	34
2009	617	(20)	597	(8)	2	60	(1)	59	53	650
2010	1,053	(67)	986	(13)	4	99	(1)	98	89	1,075
2011	67	36	103	(2)	-	10	-	10	8	111
2012	2,186	23	2,209	(40)	12	221	(4)	217	189	2,398
2013	2,282	141	2,423	(39)	12	242	(4)	238	211	2,634
2014	744	422	1,166	(21)	6	117	(2)	115	100	1,266
2015	3,431	546	3,977	(90)	27	398	(9)	389	326	4,303
2016	8,700	1,009	9,709	(241)	73	971	(24)	947	779	10,488
2017	10,933	1,541	12,474	(249)	76	1,247	(25)	1,222	1,049	13,523
2018	18,357	3,064	21,421	(427)	129	2,142	(43)	2,099	1,801	23,222
2019	22,091	8,230	30,321	(602)	183	3,759	(75)	3,684	3,265	33,586
2020	22,508	20,188	42,696	(946)	287	5,294	(117)	5,177	4,518	47,214
PAYs (sub-total):	93,315	35,340	128,655	(2,680)	812	14,617	(305)	14,312	12,444	141,099
CAY (2021)	41,145	36,572	77,717	(1,585)	481	8,796	(179)	8,617	7,513	85,230
claims liabilities:	134,460	71,912	206,372	(4,265)	1,293	23,413	(484)	22,929	19,957	226,329
	Unearned Premium	Premium Deficiency / (DPAC)	Total Provision	discount	investment PfAD	nominal development PfAD	development PfAD discount	development PfAD	Total apvs	TOTAL*
premium liabilities:	90,168	(983)	89,185	(1,448)	439	8,379	(137)	8,242	7,233	96,418
*Total may not be sum of parts, as apvs apply to future costs within UPR										
policy liabilities:			295,557	(5,713)	1,732	31,792	(621)	31,171	27,190	322,747

Calendar Year 2022 Final RSP Outlook
Risk Sharing Pools (RSPs)
Based on October 2021 Operational Reports

Exhibit C-3
Alberta Non-Grid RSP
Projected Policy Liabilities

page 2 of 2

Alberta non-Grid ending 2022	Projected Balances as at Dec. 31, 2022 (\$000s)									
	nominal values			actuarial present value adjustments (apvs)						TOTAL
	Case	IBNR	Total Unpaid	discount	investment PfAD	nominal development PfAD	development PfAD discount	development PfAD	Total apvs	
Acc Yr										
2005	47	5	52	-	-	5	-	5	5	57
2006	1	48	49	-	-	5	-	5	5	54
2007	192	42	234	-	-	23	-	23	23	257
2008	(24)	44	20	-	-	2	-	2	2	22
2009	428	(15)	413	-	-	41	-	41	41	454
2010	726	(47)	679	(9)	3	68	(1)	67	61	740
2011	45	27	72	(1)	-	7	-	7	6	78
2012	1,507	16	1,523	(23)	7	152	(2)	150	134	1,657
2013	1,567	104	1,671	(30)	9	167	(3)	164	143	1,814
2014	498	307	805	(13)	4	80	(1)	79	70	875
2015	2,346	398	2,744	(50)	15	274	(5)	269	234	2,978
2016	5,965	735	6,700	(152)	46	670	(15)	655	549	7,249
2017	7,485	1,122	8,607	(214)	65	861	(21)	840	691	9,298
2018	14,137	2,011	16,148	(323)	98	1,615	(32)	1,583	1,358	17,506
2019	18,920	4,914	23,834	(475)	144	2,955	(59)	2,896	2,565	26,399
2020	21,974	11,937	33,911	(674)	204	4,205	(84)	4,121	3,651	37,562
2021	25,981	28,254	54,235	(1,202)	365	6,139	(136)	6,003	5,166	59,401
PAYs (sub-total):	101,810	49,927	151,737	(3,166)	960	17,273	(359)	16,914	14,708	166,445
CAY (2022)	93,602	17,551	111,153	(2,267)	688	12,581	(257)	12,324	10,745	121,898
claims liabilities:	195,412	67,478	262,890	(5,433)	1,648	29,854	(616)	29,238	25,453	288,343
	Unearned Premium	Premium Deficiency / (DPAC)	Total Provision	discount	investment PfAD	nominal development PfAD	development PfAD discount	development PfAD	Total apvs	TOTAL*
premium liabilities:	115,678	3,806	119,484	(1,941)	589	11,230	(183)	11,047	9,695	129,179
**Total may not be sum of parts, as apvs apply to future costs within UPR										
policy liabilities:			382,374	(7,374)	2,237	41,084	(799)	40,285	35,148	417,522

Calendar Year 2022 Final RSP Outlook
Risk Sharing Pools (RSPs)
Based on October 2021 Operational Reports

Exhibit C-4
New Brunswick RSP
Projected Policy Liabilities

page 1 of 2

New Brunswick ending 2021	Projected Balances as at Dec. 31, 2021 (\$000s)									
	nominal values			actuarial present value adjustments (apvs)						TOTAL
	Case	IBNR	Total Unpaid	discount	investment PfAD	nominal development PfAD	development PfAD discount	development PfAD	Total apvs	
Acc Yr										
2006	-	-	-	-	-	-	-	-	-	-
2007	-	5	5	-	-	1	-	1	1	6
2008	76	4	80	-	-	8	-	8	8	88
2009	28	3	31	-	-	3	-	3	3	34
2010	-	(2)	(2)	-	-	-	-	-	-	(2)
2011	560	(367)	193	(2)	1	19	-	19	18	211
2012	156	14	170	(3)	1	17	-	17	15	185
2013	823	33	856	(11)	3	86	(1)	85	77	933
2014	686	4	690	(10)	3	69	(1)	68	61	751
2015	514	51	565	(9)	3	56	(1)	55	49	614
2016	860	149	1,009	(19)	5	101	(2)	99	85	1,094
2017	898	1,158	2,056	(43)	12	206	(4)	202	171	2,227
2018	2,554	1,183	3,737	(87)	25	374	(9)	365	303	4,040
2019	2,972	2,029	5,001	(133)	38	619	(16)	603	508	5,509
2020	1,960	2,695	4,655	(137)	39	571	(17)	554	456	5,111
PAYs (sub-total):	12,087	6,957	19,044	(454)	130	2,130	(51)	2,079	1,755	20,799
CAY (2021)	4,109	3,972	8,081	(242)	69	928	(28)	900	727	8,808
claims liabilities:	16,196	10,929	27,125	(696)	199	3,058	(79)	2,979	2,482	29,607
	Unearned Premium	Premium Deficiency / (DPAC)	Total Provision	discount	investment PfAD	nominal development PfAD	development PfAD discount	development PfAD	Total apvs	TOTAL*
premium liabilities:	10,509	(1,400)	9,109	(188)	53	837	(18)	819	684	9,793
*Total may not be sum of parts, as apvs apply to future costs within UPR										
policy liabilities:			36,234	(884)	252	3,895	(97)	3,798	3,166	39,400

Calendar Year 2022 Final RSP Outlook
Risk Sharing Pools (RSPs)
Based on October 2021 Operational Reports

Exhibit C-4
New Brunswick RSP
Projected Policy Liabilities

page 2 of 2

New Brunswick ending 2022	Projected Balances as at Dec. 31, 2022 (\$000s)									
	nominal values			actuarial present value adjustments (apvs)						TOTAL
	Case	IBNR	Total Unpaid	discount	investment PfAD	nominal development PfAD	development PfAD discount	development PfAD	Total apvs	
Acc Yr										
2006	-	-	-	-	-	-	-	-	-	-
2007	-	5	5	-	-	1	-	1	1	6
2008	59	4	63	-	-	6	-	6	6	69
2009	24	3	27	-	-	3	-	3	3	30
2010	-	(2)	(2)	-	-	-	-	-	-	(2)
2011	435	(280)	155	(1)	-	16	-	16	15	170
2012	127	12	139	(2)	1	14	-	14	13	152
2013	668	26	694	(12)	3	69	(1)	68	59	753
2014	552	4	556	(7)	2	56	(1)	55	50	606
2015	418	40	458	(7)	2	46	(1)	45	40	498
2016	702	115	817	(13)	4	82	(1)	81	72	889
2017	781	886	1,667	(31)	9	167	(3)	164	142	1,809
2018	2,200	839	3,039	(63)	18	304	(6)	298	253	3,292
2019	2,637	1,402	4,039	(94)	27	500	(12)	488	421	4,460
2020	1,980	1,705	3,685	(98)	28	452	(12)	440	370	4,055
2021	2,614	2,868	5,482	(162)	46	629	(19)	610	494	5,976
PAYs (sub-total):	13,197	7,625	20,822	(490)	140	2,345	(56)	2,289	1,939	22,761
CAY (2022)	10,724	3,501	14,225	(426)	121	1,633	(49)	1,584	1,279	15,504
claims liabilities:	23,921	11,126	35,047	(916)	261	3,978	(105)	3,873	3,218	38,265
	Unearned Premium	Premium Deficiency / (DPAC)	Total Provision	discount	investment PfAD	nominal development PfAD	development PfAD discount	development PfAD	Total apvs	TOTAL*
premium liabilities:	14,561	(418)	14,143	(292)	83	1,304	(28)	1,276	1,067	15,210
*Total may not be sum of parts, as apvs apply to future costs within UPR										
policy liabilities:			49,190	(1,208)	344	5,282	(133)	5,149	4,285	53,475

Calendar Year 2022 Final RSP Outlook
Risk Sharing Pools (RSPs)
Based on October 2021 Operational Reports

Exhibit C-5
Nova Scotia RSP
Projected Policy Liabilities

page 1 of 2

Nova Scotia ending 2021		Projected Balances as at Dec. 31, 2021 (\$000s)							
Acc Yr	nominal values			actuarial present value adjustments (apvs)					
	Case	IBNR	Total Unpaid	discount	investment PfAD	nominal development PfAD	development PfAD discount	development PfAD	TOTAL
2008	-	(3)	(3)	-	-	-	-	-	(3)
2009	66	5	71	-	-	7	-	7	78
2010	-	4	4	-	-	-	-	-	4
2011	-	4	4	-	-	-	-	-	4
2012	39	5	44	(1)	-	4	-	4	47
2013	1,544	(3)	1,541	(17)	5	154	(2)	152	1,681
2014	1,241	(8)	1,233	(13)	4	123	(1)	122	1,346
2015	1,590	(27)	1,563	(21)	7	156	(2)	154	1,703
2016	2,281	1	2,282	(28)	9	228	(3)	225	2,488
2017	4,030	343	4,373	(59)	19	437	(6)	431	4,764
2018	5,572	1,111	6,683	(105)	33	823	(13)	810	7,421
2019	4,976	3,717	8,693	(166)	52	1,069	(20)	1,049	9,628
2020	5,359	9,137	14,496	(321)	101	1,781	(39)	1,742	16,018
PAYs (sub-total):	26,698	14,285	40,983	(731)	230	4,782	(86)	4,696	45,178
CAY (2021)	9,440	13,998	23,438	(570)	180	2,759	(67)	2,692	25,740
claims liabilities:	36,138	28,283	64,421	(1,301)	410	7,541	(153)	7,388	70,918
	Unearned Premium	Premium Deficiency / (DPAC)	Total Provision	discount	investment PfAD	nominal development PfAD	development PfAD discount	development PfAD	TOTAL*
premium liabilities:	17,394	(821)	16,573	(335)	106	1,681	(34)	1,647	17,991
*Total may not be sum of parts, as apvs apply to future costs within UPR									
policy liabilities:			80,994	(1,636)	516	9,222	(187)	9,035	88,909

Calendar Year 2022 Final RSP Outlook
Risk Sharing Pools (RSPs)
Based on October 2021 Operational Reports

Exhibit C-5
Nova Scotia RSP
Projected Policy Liabilities

page 2 of 2

Nova Scotia ending 2022		Projected Balances as at Dec. 31, 2022 (\$000s)									
		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
2008	-	(3)	(3)	-	-	-	-	-	-		(3)
2009	53	4	57	-	-	6	-	6	6		63
2010	1	3	4	-	-	-	-	-	-		4
2011	1	3	4	-	-	-	-	-	-		4
2012	36	4	40	-	-	4	-	4	4		44
2013	1,298	(3)	1,295	(18)	6	129	(2)	127	115		1,410
2014	1,042	(6)	1,036	(11)	4	104	(1)	103	96		1,132
2015	1,332	(17)	1,315	(14)	4	131	(1)	130	120		1,435
2016	1,918	1	1,919	(26)	8	192	(3)	189	171		2,090
2017	3,461	215	3,676	(45)	14	368	(5)	363	332		4,008
2018	4,417	767	5,184	(70)	22	639	(9)	630	582		5,766
2019	4,698	2,595	7,293	(114)	36	897	(14)	883	805		8,098
2020	5,473	6,254	11,727	(224)	71	1,441	(27)	1,414	1,261		12,988
2021	7,990	10,080	18,070	(400)	126	2,127	(47)	2,080	1,806		19,876
PAYs (sub-total):	31,720	19,896	51,616	(922)	291	6,038	(109)	5,929	5,298		56,914
CAY (2022)	10,888	12,169	23,057	(560)	177	2,714	(66)	2,648	2,265		25,322
claims liabilities:	42,608	32,065	74,673	(1,482)	468	8,752	(175)	8,577	7,563		82,236
	Unearned Premium	Premium Deficiency / (DPAC)	Total Provision	discount	investment PfAD	nominal development PfAD	development PfAD discount	development PfAD	Total apvs		TOTAL*
premium liabilities:	16,613	336	16,949	(343)	108	1,724	(35)	1,689	1,454		18,403
*Total may not be sum of parts, as apvs apply to future costs within UPR											
policy liabilities:			91,622	(1,825)	576	10,476	(210)	10,266	9,017		100,639

Calendar Year 2022 Final RSP Outlook
Risk Sharing Pools (RSPs)
Based on October 2021 Operational Reports

Exhibit C-6
Newfoundland and Labrador RSP
Projected Policy Liabilities

page 1 of 2

Newfoundland & Labrador ending 2021	Projected Balances as at Dec. 31, 2021 (\$000s)							
	nominal values			actuarial present value adjustments (apvs)				
	Case	IBNR	Total Unpaid	discount	investment PfAD	development PfAD	Total apvs	TOTAL
Acc Yr								
2020	-	42	42	(1)	-	5	4	46
PAYs (sub-total):	-	42	42	(1)	-	5	4	46
CAY (2021)	566	2,194	2,760	(75)	22	312	259	3,019
claims liabilities:	566	2,236	2,802	(76)	22	317	263	3,065
	Unearned Premium	Premium Deficiency / (DPAC)	Total Provision	discount	investment PfAD	development PfAD	Total apvs	TOTAL*
premium liabilities:	3,927	78	4,005	(82)	25	380	323	4,328
*Total may not be sum of parts, as apvs apply to future costs within UPR								
policy liabilities:			6,807	(158)	47	697	586	7,393

**Calendar Year 2022 Final RSP Outlook
Risk Sharing Pools (RSPs)
Based on October 2021 Operational Reports**

Exhibit C-6

Newfoundland and Labrador RSP

Projected Policy Liabilities

page 2 of 2

Newfoundland & Labrador ending 2022	Projected Balances as at Dec. 31, 2022 (\$000s)									
	nominal values			actuarial present value adjustments (apvs)						TOTAL
	Case	IBNR	Total Unpaid	discount	investment PfAD	nominal development PfAD	development PfAD discount	development PfAD	Total apvs	
Acc Yr										
2021	417	1,581	1,998	(52)	15	232	(6)	226	189	2,187
PAYs (sub-total):	425	1,608	2,033	(52)	15	236	(6)	230	193	2,226
CAY (2022)	4,051	2,543	6,594	(179)	53	767	(21)	746	620	7,214
claims liabilities:	4,476	4,151	8,627	(231)	68	1,003	(27)	976	813	9,440
	Unearned Premium	Premium Deficiency / (DPAC)	Total Provision	discount	investment PfAD	nominal development PfAD	development PfAD discount	development PfAD	Total apvs	TOTAL*
premium liabilities:	6,440	120	6,560	(134)	40	636	(13)	623	529	7,089
*Total may not be sum of parts, as apvs apply to future costs within UPR										
policy liabilities:			15,187	(365)	108	1,639	(40)	1,599	1,342	16,529

Calendar Year 2022 Final RSP Outlook
Risk Sharing Pools (RSPs)
Based on October 2021 Operational Reports

Exhibit D

PAYs' Ultimate Changes vs Beginning Liabilities (nominal, indemnity only)

page 1 of 3

RSP ON

nominal unpaid indemnity claims liability (\$ millions)					
ON	nominal beginning amounts			chg in PAYs' ultimates	
	unpaid indemnity	PfAD for dev'l	MfAD for dev'l	amount	% beginning unpaid
	[1]	[2]	[3]	[4]	[5]
	Cal Yr actuals	mthly calc	mthly calc =[2]/[1]	mthly calc	=[4]/[1]
	2016	889.6	147.1	16.5%	(70.5) (7.9%)
	2017	838.7	133.7	15.9%	(47.6) (5.7%)
	2018	904.8	142.7	15.8%	(27.7) (3.1%)
	2019	958.6	146.4	15.3%	(78.9) (8.2%)
	2020	947.5	142.7	15.1%	(120.2) (12.7%)
	projections				
	2021	877.8	129.9	14.8%	(26.6) (3.0%)
	2022	883.0	125.4	14.2%	- -

RSP AB Grid

nominal unpaid indemnity claims liability (\$ millions)					
AB Grid	nominal beginning amounts			chg in PAYs' ultimates	
	unpaid indemnity	PfAD for dev'l	MfAD for dev'l	amount	% beginning unpaid
	[1]	[2]	[3]	[4]	[5]
	Cal Yr actuals	mthly calc	mthly calc =[2]/[1]	mthly calc	=[4]/[1]
	2016	243.8	27.3	11.2%	41.2 16.9%
	2017	281.5	32.0	11.4%	21.1 7.5%
	2018	307.0	35.2	11.5%	0.6 0.2%
	2019	320.6	36.9	11.5%	(29.2) (9.1%)
	2020	323.1	37.4	11.6%	(14.9) (4.6%)
	projections				
	2021	315.7	36.8	11.7%	(26.4) (8.4%)
	2022	207.7	35.4	17.0%	- -

Calendar Year 2022 Final RSP Outlook
Risk Sharing Pools (RSPs)
Based on October 2021 Operational Reports

Exhibit D

PAYs' Ultimate Changes vs Beginning Liabilities (nominal, indemnity only)

page 2 of 3

RSP AB Non-Grid

AB non-Grid	nominal unpaid indemnity claims liability (\$ millions)				
	nominal beginning amounts			chg in PAYs' ultimates	
	unpaid indemnity	PfAD for dev'l	MfAD for dev'l	amount	% beginning unpaid
	[1]	[2]	[3]	[4]	[5]
	mthly calc	mthly calc	=[2]/[1]	mthly calc	=[4]/[1]
Cal Yr					
actuals					
2016	159.5	18.2	11.4%	6.9	4.3%
2017	169.4	19.4	11.5%	(14.5)	(8.6%)
2018	181.4	20.8	11.5%	(24.1)	(13.3%)
2019	185.8	21.5	11.6%	(24.1)	(13.0%)
2020	191.3	22.4	11.7%	(5.2)	(2.7%)
projections					
2021	193.3	22.2	11.5%	(15.8)	(8.2%)
2022	196.4	22.3	11.4%	-	-

RSP NB

NB	nominal unpaid indemnity claims liability (\$ millions)				
	nominal beginning amounts			chg in PAYs' ultimates	
	unpaid indemnity	PfAD for dev'l	MfAD for dev'l	amount	% beginning unpaid
	[1]	[2]	[3]	[4]	[5]
	mthly calc	mthly calc	=[2]/[1]	mthly calc	=[4]/[1]
Cal Yr					
actuals					
2016	19.0	2.5	13.2%	(2.2)	(11.6%)
2017	18.0	2.0	11.1%	(0.4)	(2.2%)
2018	18.5	2.0	10.8%	0.6	3.2%
2019	19.5	2.2	11.3%	0.4	2.1%
2020	21.2	2.4	11.3%	1.0	4.7%
projections					
2021	24.5	2.8	11.4%	(1.0)	(4.1%)
2022	26.9	3.0	11.2%	-	-

Calendar Year 2022 Final RSP Outlook
Risk Sharing Pools (RSPs)
Based on October 2021 Operational Reports

Exhibit D

PAYs' Ultimate Changes vs Beginning Liabilities (nominal, indemnity only)

page 3 of 3

RSP NS

nominal unpaid indemnity claims liability (\$ millions)					
NS	nominal beginning amounts			chg in PAYs' ultimates	
	unpaid indemnity	PfAD for dev'l	MfAD for dev'l	amount	% beginning unpaid
	[1]	[2]	[3]	[4]	[5]
	Cal Yr	mthly calc	mthly calc	=[2]/[1]	mthly calc
actuals					
2016	27.3	3.9	14.3%	0.5	1.8%
2017	32.7	3.9	11.9%	(2.1)	(6.4%)
2018	35.5	4.1	11.5%	0.2	0.6%
2019	45.0	5.3	11.8%	0.1	0.2%
2020	53.9	6.4	11.9%	(5.2)	(9.6%)
projections					
2021	61.6	7.2	11.7%	(9.8)	(15.9%)
2022	62.2	7.3	11.7%	-	-

RSP NL

nominal unpaid indemnity claims liability (\$ millions)					
NL	nominal beginning amounts			chg in PAYs' ultimates	
	unpaid indemnity	PfAD for dev'l	MfAD for dev'l	amount	% beginning unpaid
	[1]	[2]	[3]	[4]	[5]
	Cal Yr	mthly calc	mthly calc	=[2]/[1]	mthly calc
actuals					
2016	-	-	-	-	-
2017	-	-	-	-	-
2018	-	-	-	-	-
2019	-	-	-	-	-
2020	-	-	-	-	-
projections					
2021	0.5	0.1	12.5%	-	-
2022	1.9	0.2	10.5%	-	-