

2017 CTP Scheme

Quarterly Actuarial Monitoring

31 December 2020 data

19 February 2021

Limitations and use of the report: Our report has been provided to the State Insurance Regulatory Authority (SIRA) in accordance with the Contract Agreement. The report has been completed solely for the benefit of SIRA and EY has not been engaged to act, and has not acted, as advisor to any other party. Accordingly, EY makes no representations as to the appropriateness, accuracy or completeness of the report for any other party's purposes.

In completing the report we have relied on information provided by SIRA. The reliance and limitations are set out in the report.

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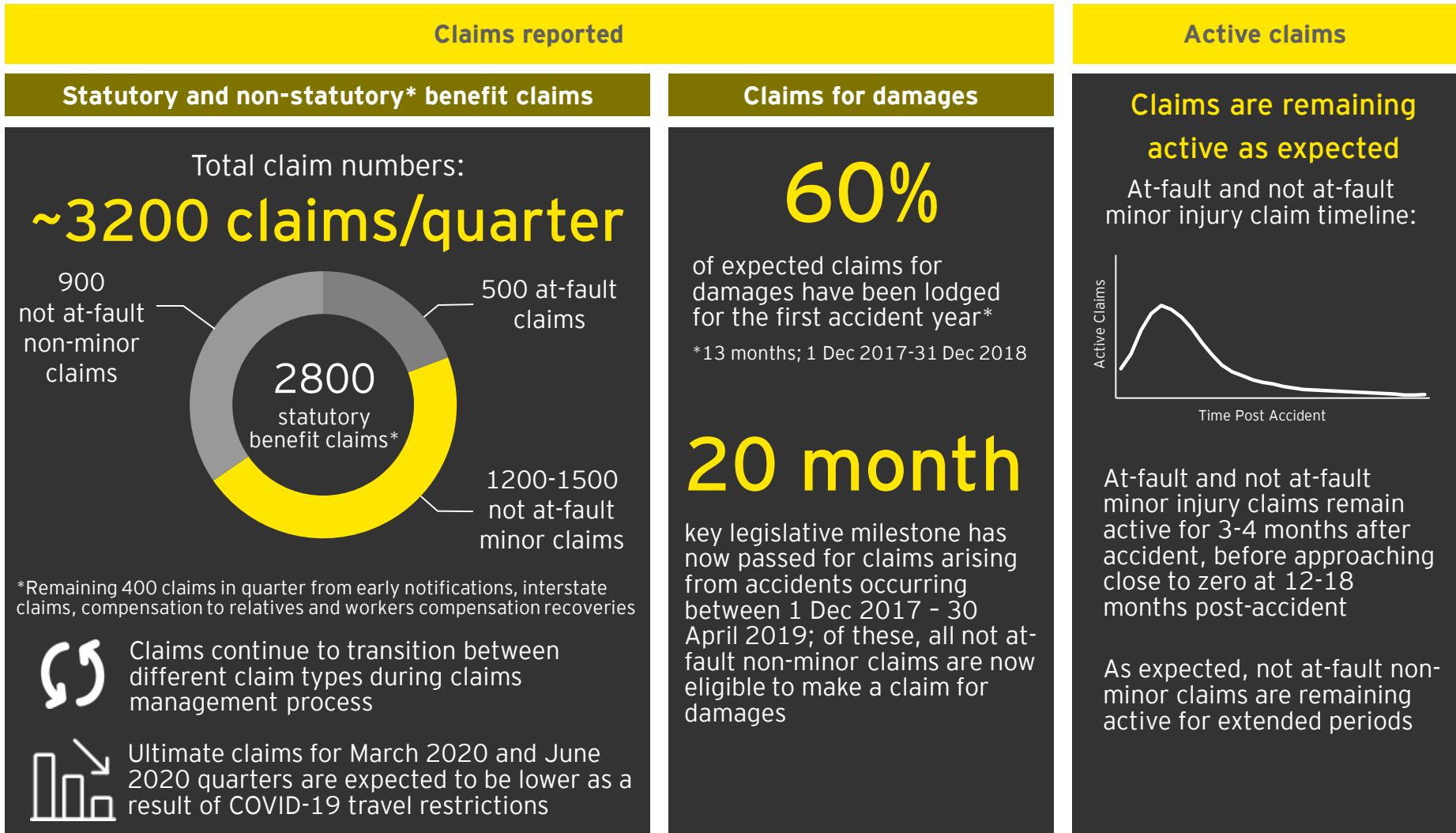
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Purpose

- ▶ This report is a quarterly actuarial monitoring report for the 2017 CTP Scheme using data as at 31 December 2020
- ▶ This report is an actuarial monitoring report. As such, key actuarial measures and indicators are used to monitor scheme experience at an overall level, rather than supervisory measures at an operational level
- ▶ This report is used for monitoring purposes and is not an actuarial valuation report. Any key insights or trends observed in this monitoring will be used for further investigations which could result in operational insights and recommendations, or subsequent changes to valuation assumptions and/or models
- ▶ This report now includes additional metrics for claims for damages, including total benefit paid and total claims lodged by development quarter for claims for damages

Executive summary (1/3)

Key observations on claim numbers

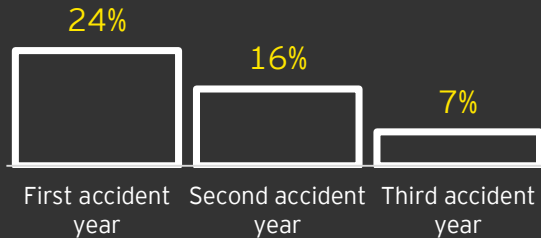


Executive summary (2/3)

Key observations on claim payments

Ultimate Claim Payments

Expected* claim payments



- ▶ 24% of the ultimate expected payments for first year have been paid. The vast majority of the remaining 76% relate to lump sum damages payments
- ▶ These figure are not surprising as they reflect the availability of statutory benefits for up to 5 years and the 24 month waiting period for settlement of claims for damages (for claims with whole person impairment less than or equal to 10 percent)

*Expected payments as at 30 September 2020

Statutory Benefit Claims

Average Claim Payments

\$16,000 - \$18,000

per at-fault claim

\$4,500 - \$6,000

Per not at-fault minor claim

- ▶ Figures have been estimated from claims from early accident quarters; 26 week benefit entitlement period has been reached for these claims

Developing Average Non-Minor Claim Payments



Average claim payments for not at-fault non-minor claims continue to develop upwards as these claims continue to access statutory benefits for up to 5 years

Award of Damages

Claim payments paid for damages claims



- ▶ Very little damages have yet been awarded for the third accident year

Expected* average amount of damages for claims with Whole Person Impairment (WPI)

\$110,000

for WPI ≤ 10%

\$430,000

for WPI > 10%

*Figures estimated for when claims stabilise, which will take several more years

Executive summary (3/3)

Key observations on experience (reported versus ultimate)

- ▶ The table below shows the actual number of claims reported for the first accident year (1 Dec 17 to 31 Dec 18), the second accident year (1 Jan 19 to 31 Dec 19) and for the third accident year (1 Jan 20 to 31 Dec 20) compared to their expected ultimate claims across all claim types.
- ▶ For all claims, around 99% of expected ultimates have been reported for the first accident year
- ▶ For non statutory benefit claims, which includes interstate, workers compensation and death claims, around 83% of expected ultimate claims have been reported for the first accident year, as these claims may follow different lodgment patterns
- ▶ The third accident year was impacted by COVID-19 lockdowns, where traffic volume was observed to be lower than historic levels from March 2020 (2020Q1) and June 2020 (2020Q2), with some residual afterwards. The impact of this reduced exposure was greater on less severe claims than more severe claims. The ultimates for 2020Q3 and 2020Q4 have reverted back to pre-COVID periods as exposure has returned to closer to pre-COVID levels

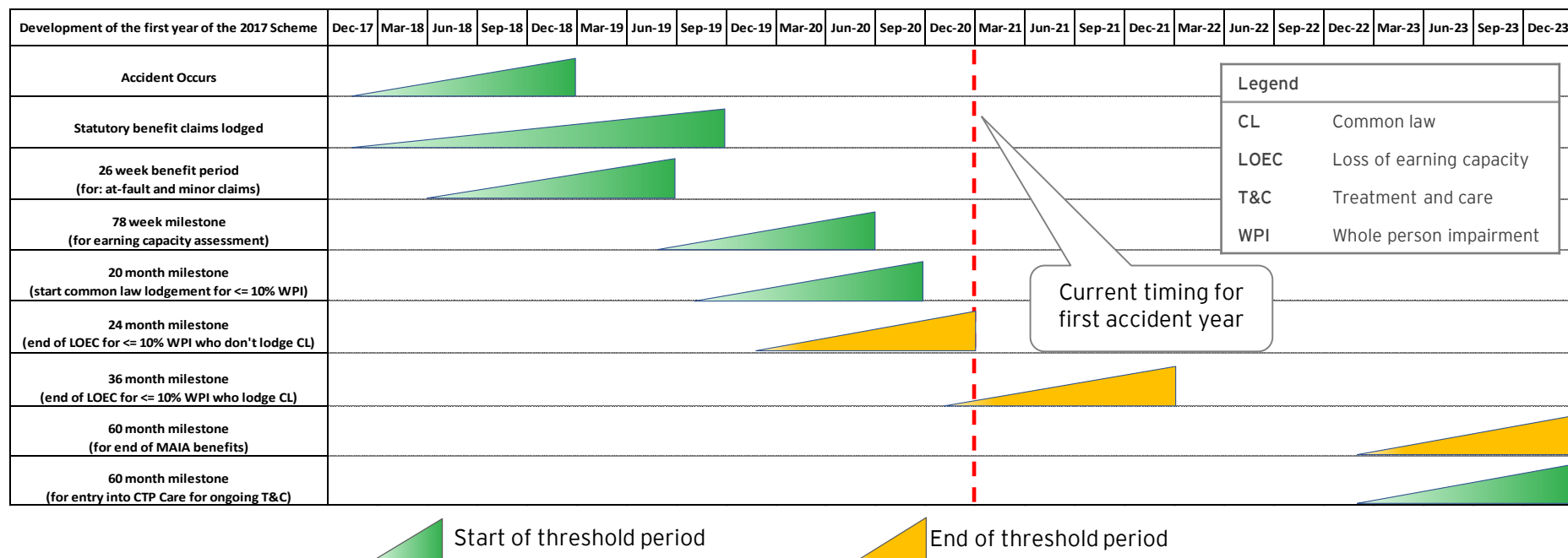
		Not at-fault minor claims	Not at-fault non-minor claims	At-fault claims	Non statutory benefit claims	Early notification claims	All statutory benefit claims	All claims
1st accident year (13 months)	Reported to date	5,808	3,846	2,106	935	566	12,185	13,686
	Expected ultimate	5,928	3,858	2,106	1,128	566	12,207	13,901
2nd accident year	Reported to date	5,282	3,579	2,073	811	499	11,283	12,593
	Expected ultimate	5,388	3,742	2,077	1,096	499	11,421	13,017
3rd accident year	Reported to date	3,457	2,344	1,133	426	210	8,758	9,394
	Expected ultimate	4,559	3,509	1,652	773	194	10,011	10,978

Scheme development

Key legislative milestones

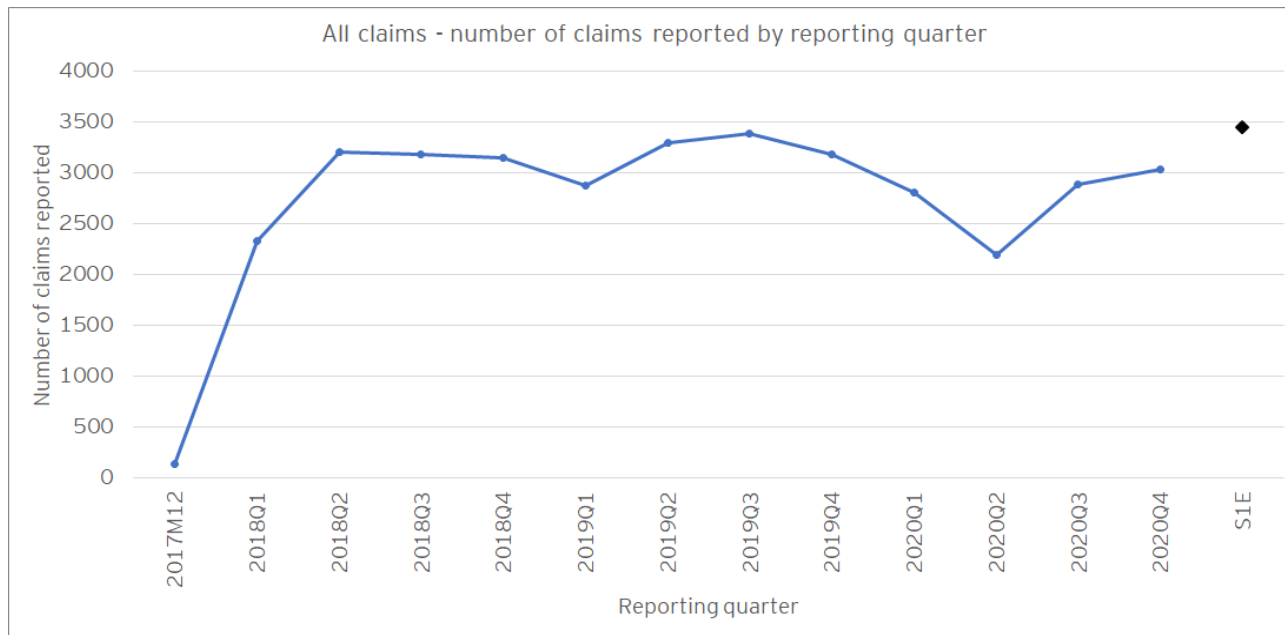
The following chart shows the level of claim experience available for the first accident year of the 2017 Scheme (i.e. accidents occurring between 1 Dec 2017 to 31 Dec 2018) as at 31 Dec 2020. The key points for this accident year are:

- ▶ 100% of accidents have already occurred
- ▶ Around 99% of expected statutory benefit claims have been lodged (some allowance remains for late claims)
- ▶ The 26 week benefit entitlement period for at-fault and not at-fault minor injury claims has ended for all claims
- ▶ Around 60% of expected claims for damages (Part 4 MAIA) are yet to be made - these claims account for approximately 70% of total expected claims costs
- ▶ The key 2017 Scheme milestones which will trigger lodgements of claims for damages have occurred for all claims occurred in the first accident year. However, the lack of experience for these claims continues to create uncertainty in assessing the financial performance of the 2017 Scheme



Claim numbers

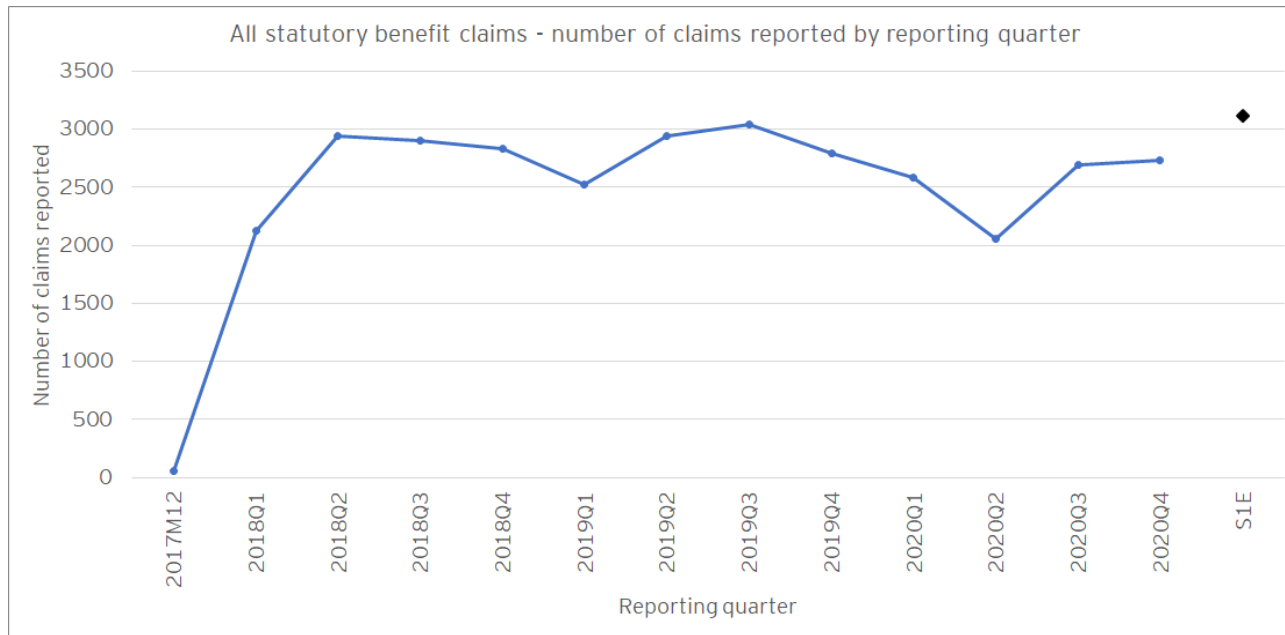
All claims - reporting quarter basis



- ▶ This chart shows the total number of statutory benefit and non-statutory benefit claims reported by reporting quarter (or claim lodgement quarter)
- ▶ Claims by reporting quarter act primarily as an indicator of changes in older accident periods reporting, operational changes and calendar time effects
- ▶ As expected, claim numbers reported started to stabilise around 2018Q2, six months after the 2017 Scheme commenced.
- ▶ Reporting quarter 2020Q2 was impacted by the COVID-19 lockdown in NSW, which began in March 2020 and continued until June 2020
- ▶ As a result, reported numbers in 2020Q2 sit lower at 2,200 in the quarter. 2020Q3 is higher at 3,000 claims, however this is still lower in comparison to 2019Q3 as this reporting quarter was still impacted by low accident volumes during COVID-19 lockdown
- ▶ Reporting quarter 2020Q4 shows claim numbers beginning to return to pre COVID-19 lockdown levels, although the Northern Beaches lockdown will have also had some impact
- ▶ Excluding 2020Q2 to 2020Q4, on average around 3,200 claims are reported per quarter

Claim numbers

Statutory benefit claims - reporting quarter basis

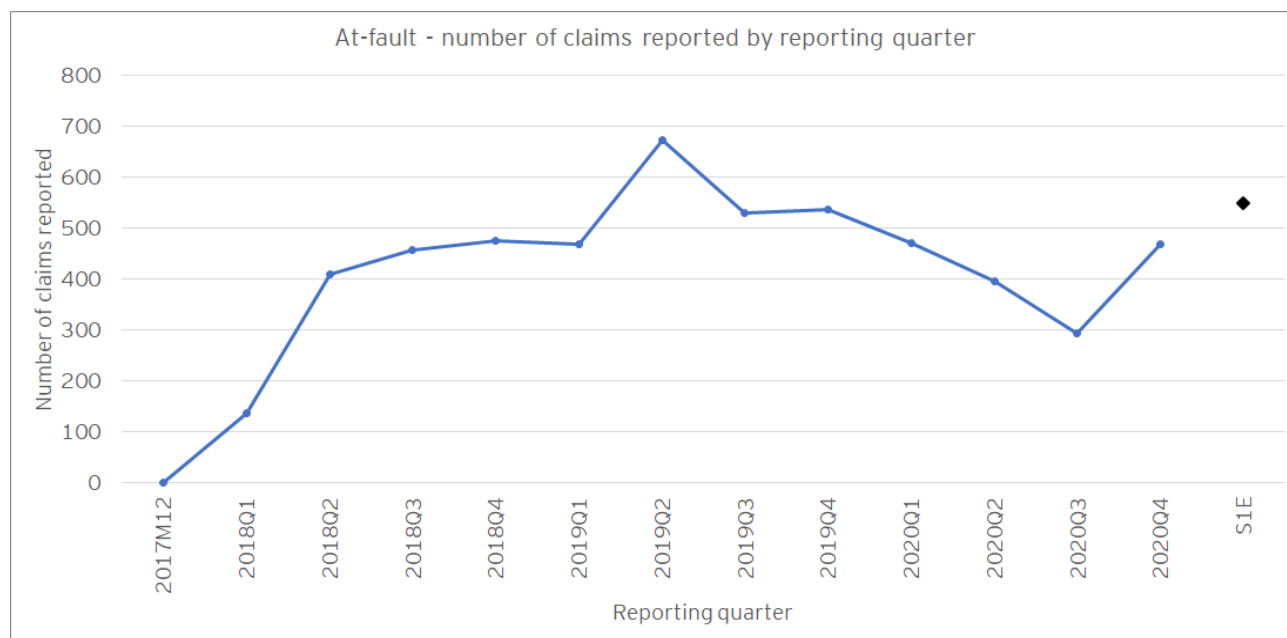


- ▶ This chart shows the total number of statutory benefit claims reported by reporting quarter
- ▶ The number of statutory benefit claims reported by reporting quarter shows a similar trend to all claims reported in the previous slide, with the reported numbers reaching a more stable level around 2018Q2, six months after the 2017 Scheme commenced
- ▶ Reporting quarter 2020Q2 was impacted by the COVID-19 lockdown in NSW, which began in March and continued until June
- ▶ As a result, reported numbers in 2020Q2 sit lower at 2,000 in the quarter. 2020Q3 is higher at 2,600 claims, however this is still lower in comparison to 2019Q3 as this reporting quarter was still impacted by low accident volumes during COVID-19 lockdown
- ▶ Reporting quarter 2020Q4 shows claim numbers returning to pre COVID-19 lockdown levels
- ▶ On average, around 2,800 statutory benefit claims are reported per quarter, excluding 2020Q2

*Schedule 1E parameter has been modified to allow for removal of non-statutory benefit claims, and early notifications, for an accurate like-for-like comparison

Claim numbers

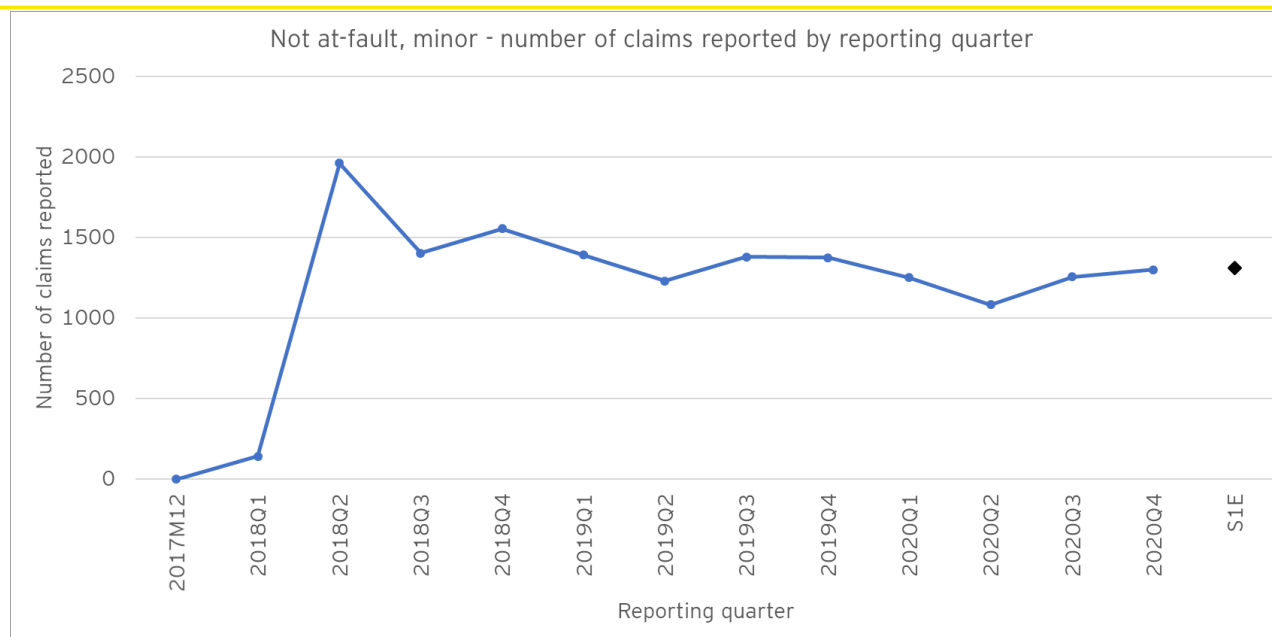
At-fault injury claims - reporting quarter basis



- ▶ This chart shows the total number of at-fault and mostly at-fault claims reported by reporting quarter. It should be noted there is a delay of up to around three months between a claim being reported to an insurer, and the claim being assessed as 'at-fault'. This chart illustrates the quarter a claim was determined as 'at-fault', rather than reported to the insurer
- ▶ The number of quarterly at-fault claims stabilised by 2018Q2, six months after the 2017 Scheme commenced
- ▶ The noticeable spike in the second quarter of 2019 is due to an insurer revisiting open claims without a fault determination, and completing determinations. The transition between claim categories (fault status and injury severity) are detailed further in later slides
- ▶ Reporting quarter 2020Q2 sits lower at 400 due to the COVID-19 lockdown in NSW. This continues to be lower in reporting quarter 2020Q3, which could reflect lower volume of at-fault claims during COVID or instead an operational delay in determining fault status (as "unknown fault" claims are included in the not at-fault claim cohort). 2020Q4 is higher at 470 claims, however this is still lower in comparison to 2019Q4
- ▶ After allowing for the one-off increase in the second quarter of 2019, and excluding COVID-19 period, it appears that on average around 500 at-fault claims are currently being reported per quarter. Over time this may increase as the scheme matures

Claim numbers

Not at-fault minor injury claims - reporting quarter basis

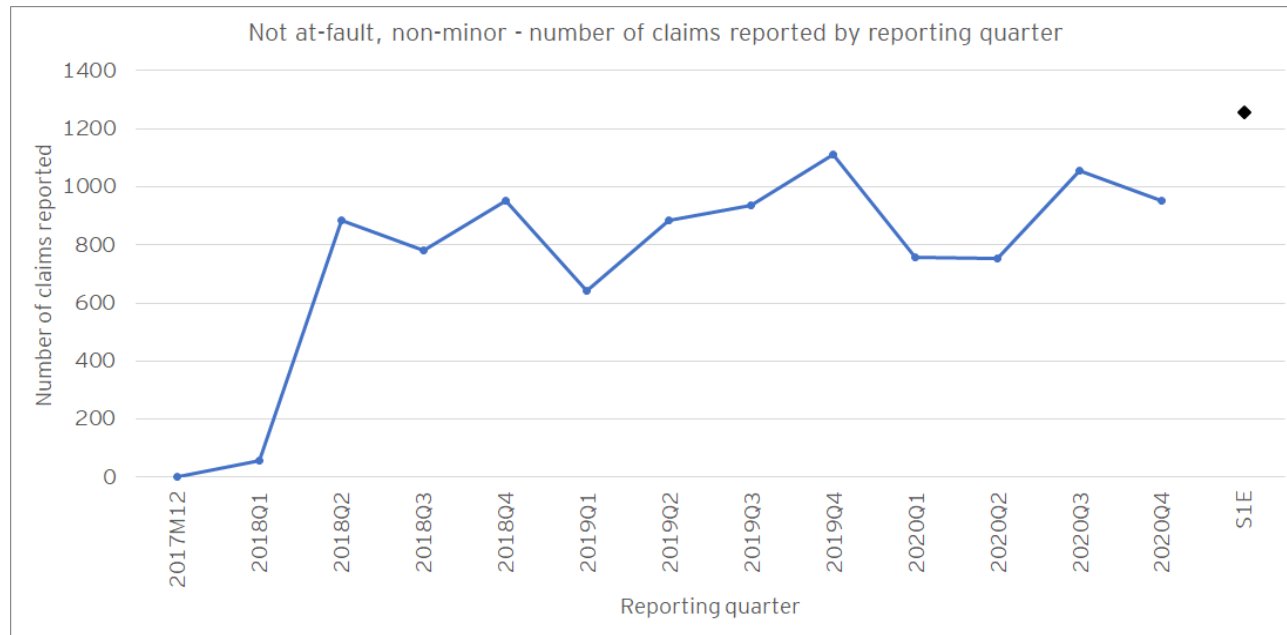


- ▶ This chart shows the total number of not at-fault minor injury claims reported by reporting quarter. In addition, any finalised not at-fault claims with a unknown severity status are assumed to be not at-fault minor, and also included in the chart above, these finalised unknown severity cohort accounts for around 50-100 claims per quarter
- ▶ It should be noted there is a delay of up to around three months between a claim being reported to an insurer, and the claim being assessed as 'minor'. This chart illustrates the quarter a claim was determined as not at-fault minor, rather than reported to the insurer
- ▶ Not at-fault minor claim numbers include claims assessed as 'minor', and fault status determined as 'not at-fault'. In addition, minor claims with fault status 'yet to be determined' are included in this chart, as a large proportion have historically been determined as not at-fault claims. Additionally, In earlier reporting quarters, a relatively low volume of claims reported between December 2017 and March 2018 quarter were classified as not at-fault minor. This is due to the scheme taking six months to stabilise after commencement, as well as insurers developing processes to complete the minor injury assessment
- ▶ On average there appears to be between 1,200 to 1,500 not at-fault minor injury claims reported per quarter

*Schedule 1E parameter has been modified to remove early notification claims to allow for like-for-like comparison

Claim numbers

Not at-fault non-minor claims - reporting quarter basis

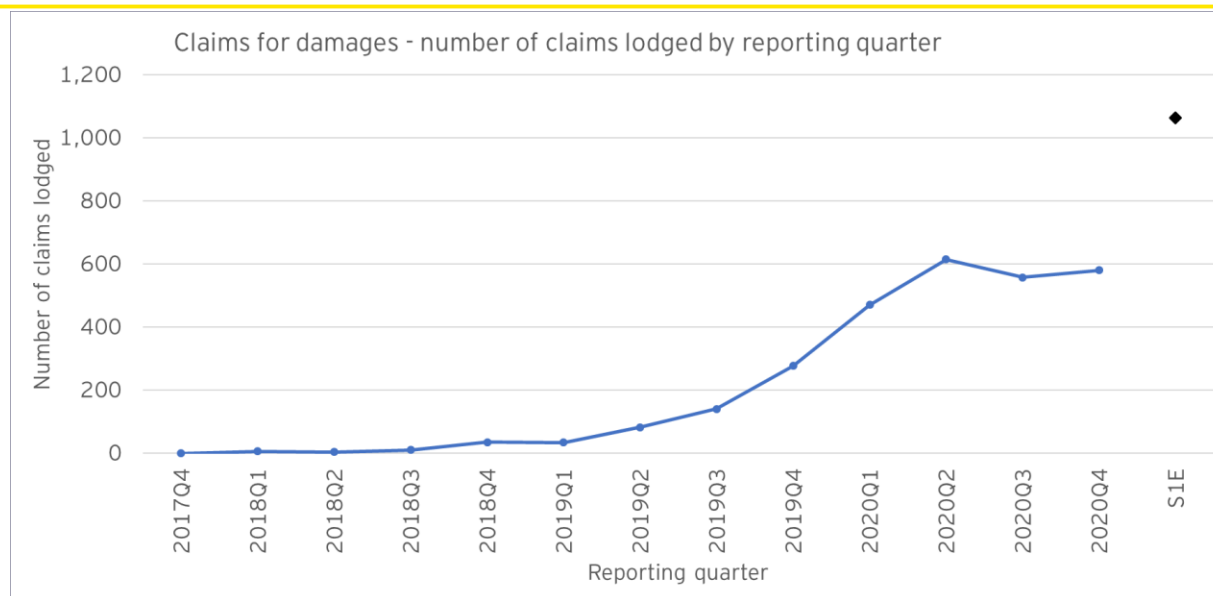


- ▶ This chart shows the total number of not at-fault non-minor claims reported by reporting quarter. It should be noted there is a delay of up to around three months between a claim being reported to an insurer, and the claim being classified as 'non-minor'. This chart illustrates the quarter a claim was determined as not at-fault non-minor, rather than reported to the insurer
- ▶ Lower reported numbers are observed for both 2019Q1 and 2020Q1, which is typically a seasonal effect
- ▶ Reporting quarter 2020Q2 sits slightly lower than 2019Q2 at 900 claims, due to the COVID-19 lockdown in NSW, however even though the claim numbers are volatile, the decrease in claim numbers for this claim cohort do not appear as large as those observed for at-fault and not-fault minor claims over the COVID-19 lockdown period, as an increase was observed for the proportion of more severe claims. This could also be due to an operational delay in determining fault status, as "unknown fault" claims are included in this cohort
- ▶ There is volatility between reporting quarters, due to combinations of insurer processes for minor injury assessment and/or volatility in the rate at which not at-fault minor injury claims transition into not at-fault non-minor claims following the completion of insurer internal review and dispute processes combined with claims reporting patterns

*Schedule 1E parameter has been modified to remove non-statutory benefit claims to allow for like-for-like comparison

Claim numbers

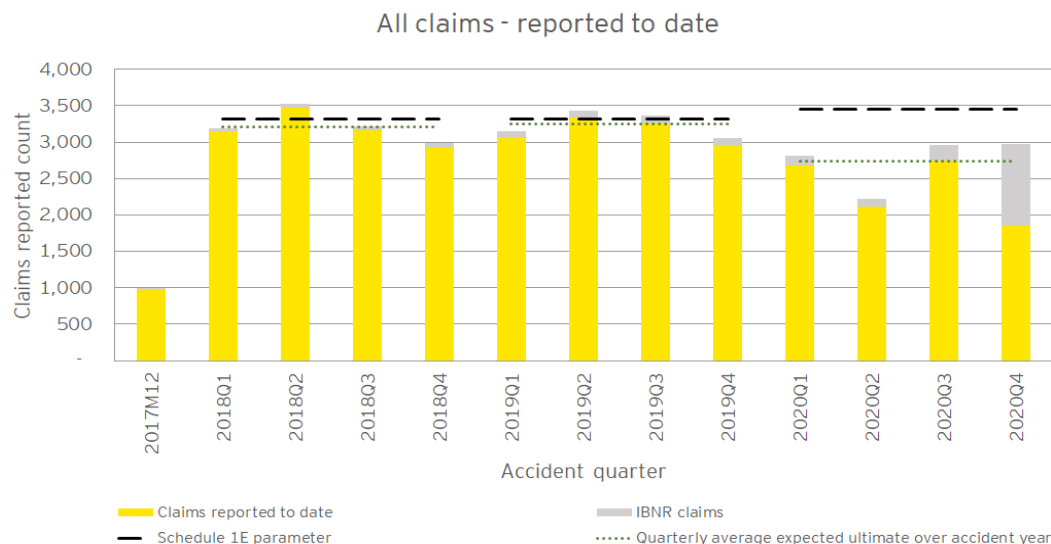
Claims for damages - reporting quarter basis



- ▶ This chart shows the total number of claims for damages made by reporting quarter
- ▶ In earlier reporting quarters, there are no claims for damages reported until the second quarter of 2019, where the earliest cohort of claims have passed the 20 month key legislative milestone
- ▶ The chart includes non-minor claims with whole person impairment (WPI) less than or equal to 10 percent, WPI greater than 10 percent, as well as claims with an undetermined WPI
- ▶ The number of claims reported is expected to increase for the next three years before stabilising, as more claims continue to pass the 20 month key legislative milestone
- ▶ Note the reporting timing appears to be volatile due to interaction between different accident years, all at different stages of development
- ▶ Once the number of claims for damages made stabilises, approximately 1,100 claims are expected to be reported per quarter
- ▶ Note as at December 2020, the identification of claims for damages has been broadened to also include those claims in which a common law settlement or common law legal payment has been made, but there has been no claim notification for damages date entered. This adjustment results in a retrospective change in claim numbers as some claims are recognised as common law claims earlier

Claim numbers

All claims - accident quarter basis

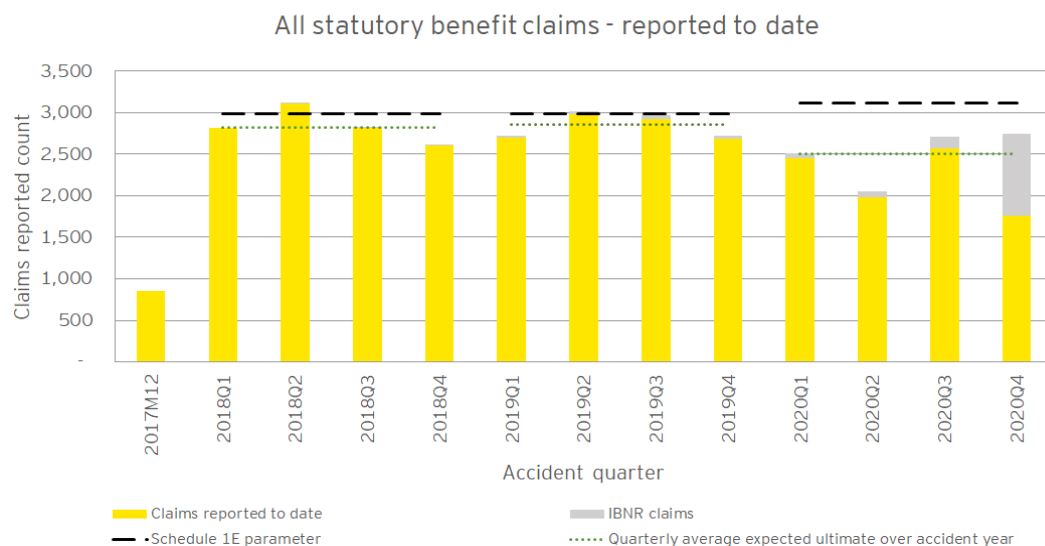


1st accident year (13 months)	Reported to date	13,686
	Expected ultimate	13,901
2nd accident year	Reported to date	12,593
	Expected ultimate	13,017
3rd accident year	Reported to date	9,394
	Expected ultimate	10,978

- ▶ This chart shows the total number of claims reported to date by accident quarter. The 2017 Scheme experience is compared to the expected level under Schedule 1E
- ▶ Earlier accident periods are more developed, and more recent accident quarters still have a number of claims incurred but not yet reported (IBNR)
- ▶ On average, across all quarters in the latest accident year shown, approximately 2,850 claims are expected to be incurred per accident quarter
- ▶ The table on the top right shows the actual number of claims reported for the first accident year (1 Dec 17 to 31 Dec 18), the second accident year (1 Jan 19 to 31 Dec 19) and for the third accident year (1 Jan 20 to 31 Dec 20) compared to their expected ultimate claims. For the first accident year approx. 99% of expected ultimate claims have been reported
- ▶ The observed reduction in 2020Q1 and 2020Q2 is due to a reduction in exposure during the COVID-19 lockdown in NSW. 2020Q2 was more severely impacted, as traffic reduced for the months of April, May and June 2020. This has led to lower ultimate claims projected for 2020Q2. The ultimates for 2020Q3 and 2020Q4 have reverted back to pre-COVID periods as exposure has returned to close to 100% of pre-COVID levels

Claim numbers

All statutory benefit claims - accident quarter basis



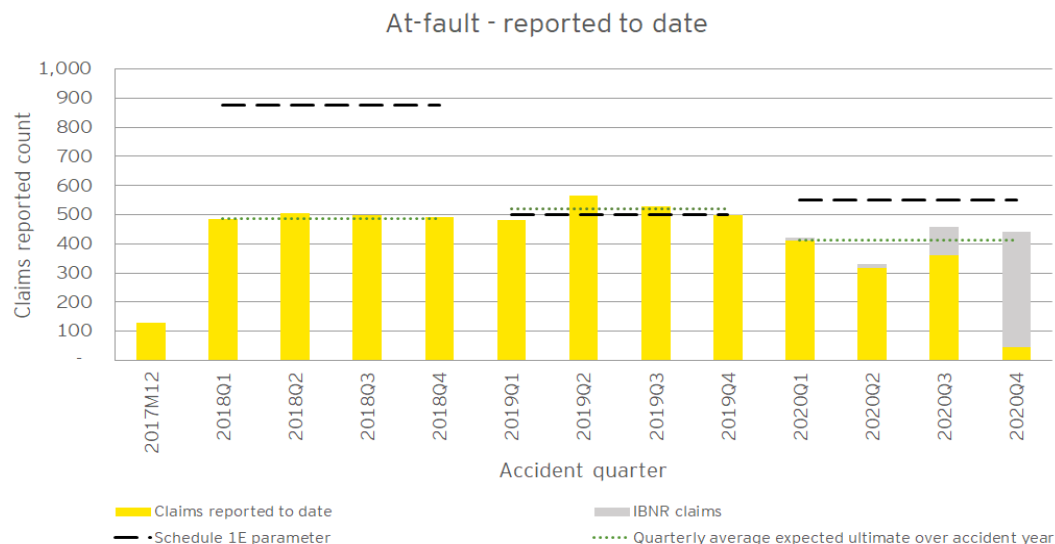
1st accident year (13 months)	Reported to date	12,185
	Expected ultimate	12,207
2nd accident year	Reported to date	11,283
	Expected ultimate	11,421
3rd accident year	Reported to date	8,758
	Expected ultimate	10,011

- ▶ This chart shows the total number of statutory benefit claims (i.e. all claims, excluding workers compensation, interstate and compensation to relatives, and early notifications) reported to date by accident quarter
- ▶ The 2017 Scheme experience is compared to the expected level under Schedule 1E*
- ▶ Earlier accident periods are more developed, and more recent accident quarters still have a number of claims IBNR
- ▶ On average, across all quarters in the latest accident year, approximately 2,400 statutory benefit claims are expected to be incurred per quarter
- ▶ For the first accident year, over 99% of statutory benefit claims ultimately expected have been reported
- ▶ The observed reduction in ultimate claims in 2020Q1 and 2020Q2 is due to a reduction in exposure during the COVID-19 lockdown in NSW. 2020Q2 was more severely impacted, as traffic has reduced by up to 30%, 20% and 10% for the months of April, May and June 2020 respectively. This has led to lower ultimate claims projected for 2020Q2
- ▶ The ultimate for 2020Q3 and 2020Q4 has reverted back to pre-COVID periods as exposure has returned to close to 100% of pre-COVID levels

*Schedule 1E parameter has been modified to remove non-statutory benefit claims and early notifications to enable like-for-like comparison with the reported to date

Claim numbers

At-fault claims - accident quarter basis

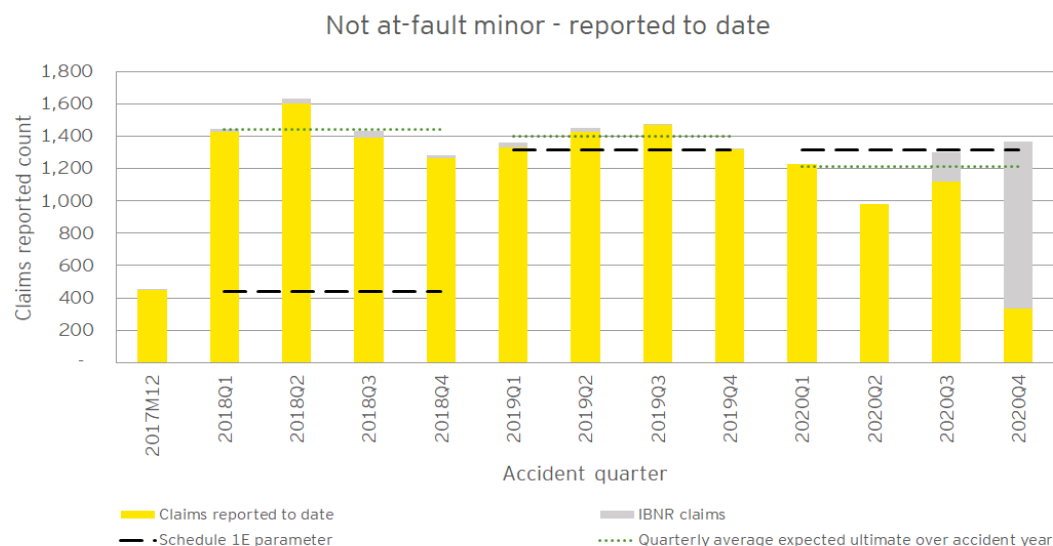


1st accident year (13 months)	Reported to date	2,106
	Expected ultimate	2,106
2nd accident year	Reported to date	2,073
	Expected ultimate	2,077
3rd accident year	Reported to date	1,133
	Expected ultimate	1,652

- ▶ This chart shows the total number of at-fault and mostly at-fault claims reported to date by accident quarter
- ▶ At-fault claim numbers include all claims determined as 'at-fault', regardless of injury severity
- ▶ The 2017 Scheme experience is compared to the expected level under Schedule 1E
- ▶ Earlier accident periods are more developed, and more recent accident quarters still have a number of IBNR claims
- ▶ The fault status of the claim may be undetermined for up to 3 months post the claim received date, therefore a material number of claims incurred in the last two quarters are yet to receive a fault determination
- ▶ On average across all quarters in the latest accident year, around 400 at-fault claims are expected to be incurred per quarter
- ▶ For the first accident year, 100% of at-fault claims ultimately expected have been reported
- ▶ The observed reduction in ultimate claims in 2020Q1 and 2020Q2 is due to a reduction in vehicle traffic during the COVID-19 lockdown in NSW. Ultimate expected for 2020Q3 and 2020Q4 is expected to revert back to pre-COVID periods

Claim numbers

Not at-fault minor claims - accident quarter basis



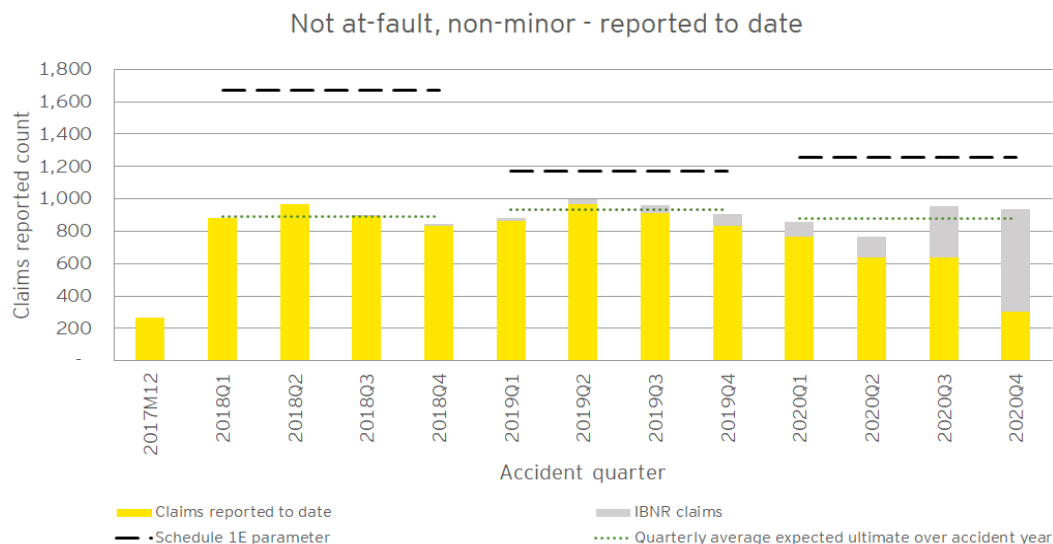
1st accident year (13 months)	Reported to date	6,130
	Expected ultimate	6,243
2nd accident year	Reported to date	5,539
	Expected ultimate	5,602
3rd accident year	Reported to date	3,662
	Expected ultimate	4,850

- ▶ This chart shows the total number of not-at-fault minor claims reported to date by accident quarter
- ▶ Not at-fault minor claim numbers include claims assessed as 'minor', and fault status determined as 'not at-fault'. In addition, minor claims with fault status 'yet to be determined' are included in this chart, as a large proportion have historically been determined as not at-fault claims. Additionally, any finalised not at-fault claims with a unknown severity status are assumed to be not at-fault minor, and also included in the chart above
- ▶ Earlier accident periods are more developed, and more recent accident quarters still have a number of claims IBNR, particularly the most recent accident quarter. For the first and second accident years, we expect some current not at-fault minor claims to transition to not-at-fault non-minor following the completion of dispute processes
- ▶ The minor injury assessment can take up to 3 months following claim lodgement to be completed, therefore a material number of claims incurred in the last quarter are yet to receive a minor injury assessment
- ▶ The observed reduction in ultimate claims in 2020Q1 and 2020Q2 is due to a reduction in exposure; 2020Q2 was more severely impacted, as a result the ultimate projected for these accident quarters are lower than prior accident periods. The ultimates for 2020Q3 and 2020Q4 have reverted back to pre-COVID periods as exposure has returned to close to 100% of pre-COVID levels

*Schedule 1E parameter has been modified to remove early notification claims to allow for like-for-like comparison with reported to date

Claim numbers

Not at-fault non-minor claims - accident quarter basis



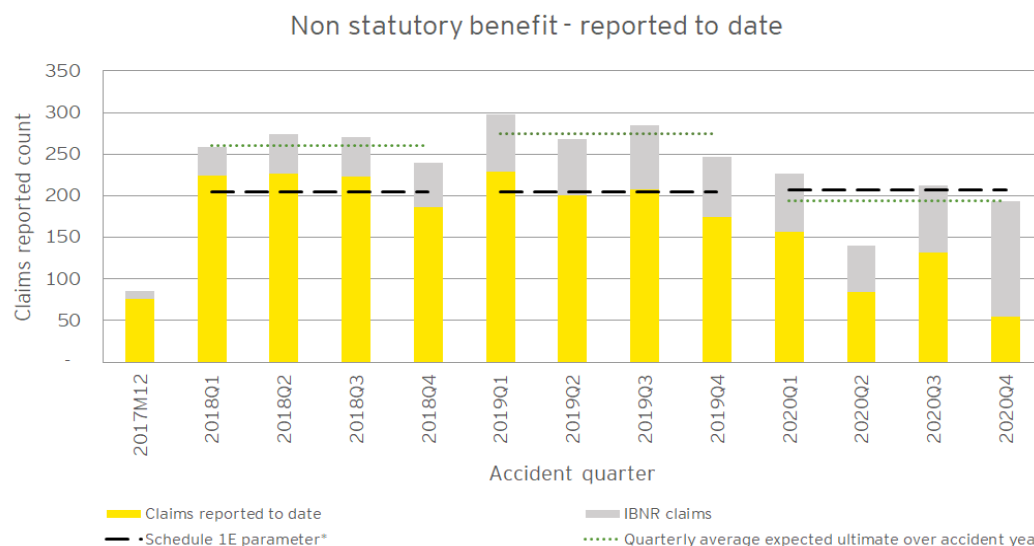
1st accident year (13 months)	Reported to date	3,846
	Expected ultimate	3,858
2nd accident year	Reported to date	3,579
	Expected ultimate	3,742
3rd accident year	Reported to date	2,344
	Expected ultimate	3,509

- ▶ This chart shows the total number of not at-fault non-minor claims reported to date by accident quarter
- ▶ Not at-fault non-minor claim numbers include claims assessed as 'non-minor', and fault status determined as 'not at-fault'. In addition, claims assessed as non-minor with fault status 'yet to be determined' are included in this chart as a large proportion have historically been assessed as not at-fault claims
- ▶ All accident periods are expected to develop upwards from current levels. This is due to the lodgement of claims which are currently incurred but not reported, and for not at-fault minor injury claims which are 'overturned' to not at-fault non-minor claims following the completion of insurer internal review and external dispute processes
- ▶ The minor injury assessment can take up to 3 months following claim lodgement to be completed, therefore a material number of claims incurred in the last two quarters are still awaiting a minor injury assessment. The latest expected ultimate numbers allow for a reduction in the minor injury overturn rate assumption following a lower than expected emergence of overturns
- ▶ The observed reduction in ultimate claims in 2020Q1 and 2020Q2 is due to a reduction in exposure as the result of the COVID-19 lockdown in NSW. The ultimates for 2020Q3 and 2020Q4 have reverted back to pre-COVID periods as exposure has returned to close to 100% of pre-COVID levels

*Schedule 1E parameter has been modified to remove non-statutory benefit claims to allow like-for-like comparison with reported to date

Claim numbers

Non statutory benefit claims - accident quarter basis



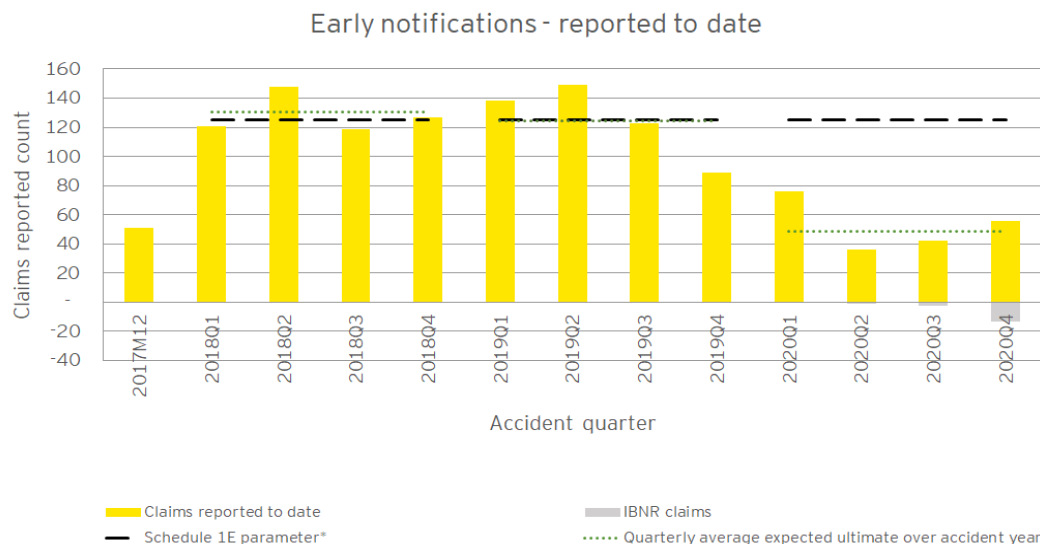
1st accident year (13 months)	Reported to date	935
	Expected ultimate	1,128
2nd accident year	Reported to date	811
	Expected ultimate	1,096
3rd accident year	Reported to date	426
	Expected ultimate	773

*Schedule 1E parameter estimate has been determined from implicit allowance in original Schedule 1E parameters

- ▶ This chart shows the total number of non-statutory benefit claims reported to date by accident quarter
- ▶ Non-statutory benefit claims include workers compensation, interstate and compensation to relatives claims (excluding early notifications)
- ▶ An implicit allowance is made in Schedule 1E for the frequency and cost of non-statutory benefit claims. In this chart, an explicit allowance has been determined for the purpose of comparing the actual experience to the expected level under Schedule 1E
- ▶ Earlier accident periods are more developed, and more recent accident quarters still have a number of claims incurred but not yet reported
- ▶ On average across all quarters excluding the latest accident year, approximately 260 non statutory benefit claims are expected to be incurred per accident quarter. This is lower for the latest accident year, approximately 190 non statutory benefit claims are expected to incur per accident quarter due to prolonged State border closures which leads to less interstate claims
- ▶ At the December 2020 valuation, a more comprehensive approach was applied for all non statutory benefit models, which has resulted in the introduction of additional expected incurred but not reported interstate claims

Claim numbers

Early notification claims - accident quarter basis



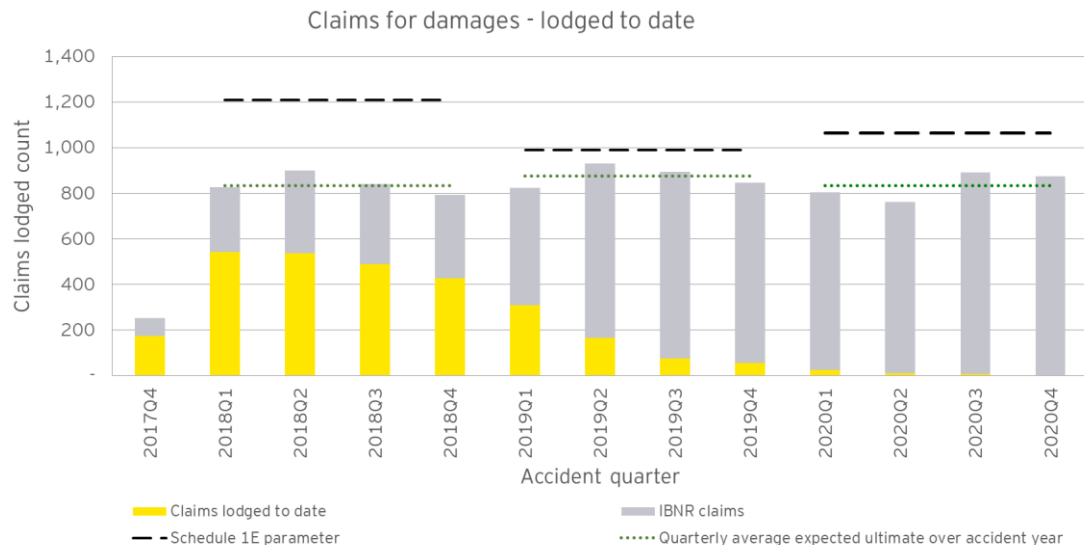
1st accident year (13 months)	Reported to date	566
	Expected ultimate	566
2nd accident year	Reported to date	499
	Expected ultimate	499
3rd accident year	Reported to date	210
	Expected ultimate	194

*Schedule 1E parameter estimate has been determined from implicit allowance in original Schedule 1E parameters

- ▶ This chart shows the expected total number of early notification claims by accident quarter that are not expected to progress to become a statutory benefit claim
- ▶ An implicit allowance is made in Schedule 1E for the frequency of early notification claims. In this chart, an explicit allowance has been determined for the purpose of comparing the actual experience to the expected level under Schedule 1E
- ▶ On average across all quarters in the latest accident year, approximately 120 early notification claims are expected to be ultimately incurred per accident quarter for accident periods prior to 2020, a reduction has been observed for more recent accident quarters, which reflects lower exposure due to COVID-19 restrictions
- ▶ At the December 2020 valuation, the early notification model was updated to allow for the rate at which claims can transition out of the early notification model once they progress to become a statutory benefit claim. This change results in a negative development for the more recent accident periods (see grey segment of accident quarter 2020Q4)

Claim numbers

Lodged claims for damages - accident quarter basis

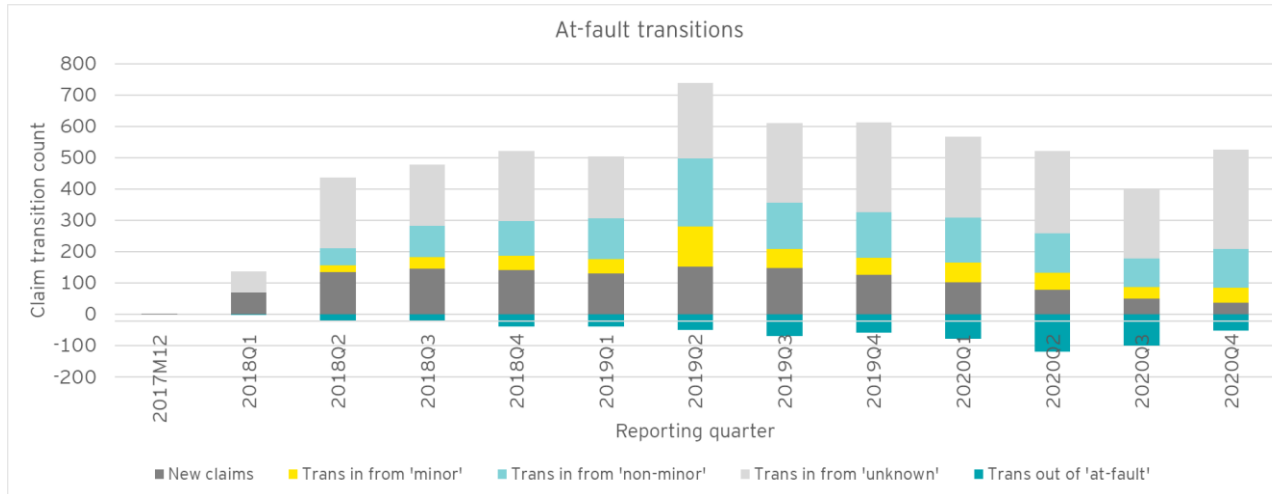


1st accident year (13 months)	Reported to date	2,172
	Expected ultimate	3,613
2nd accident year	Reported to date	603
	Expected ultimate	3,499
3rd accident year	Reported to date	42
	Expected ultimate	3,334

- ▶ This chart shows the total number of claims for damages made to date by accident quarter, along with the expected incurred but not reported (IBNR) claims by accident quarter. The chart includes both non-minor claims with whole person impairment (WPI) less than or equal to 10 percent, WPI greater than 10 percent as well as claims with undetermined WPI
- ▶ The 2017 Scheme experience is compared to the expected level under Schedule 1E
- ▶ From the chart, we can see the majority of the expected claims for damages have not yet been lodged, due to the design of the scheme. Only claims which occurred prior to 30 April 2019 have now passed the 20 month key legislative milestone, in which non-minor claims with WPI less than or equal to 10 percent are eligible to lodge a claim for damages
- ▶ On average, approximately 800-900 claims are expected to be incurred per accident quarter
- ▶ The table in the top right shows the actual number of claims reported for the first accident year (1 Dec 17 to 31 Dec 18), the second accident year (1 Jan 19 to 31 Dec 19) and for the third accident year (1 Jan 20 to 31 Dec 20) compared to their expected ultimate claims respectively. For the first accident year, 40% of expected ultimate claims are yet to be reported

Claim numbers

At-fault claims - transitions by reporting quarter

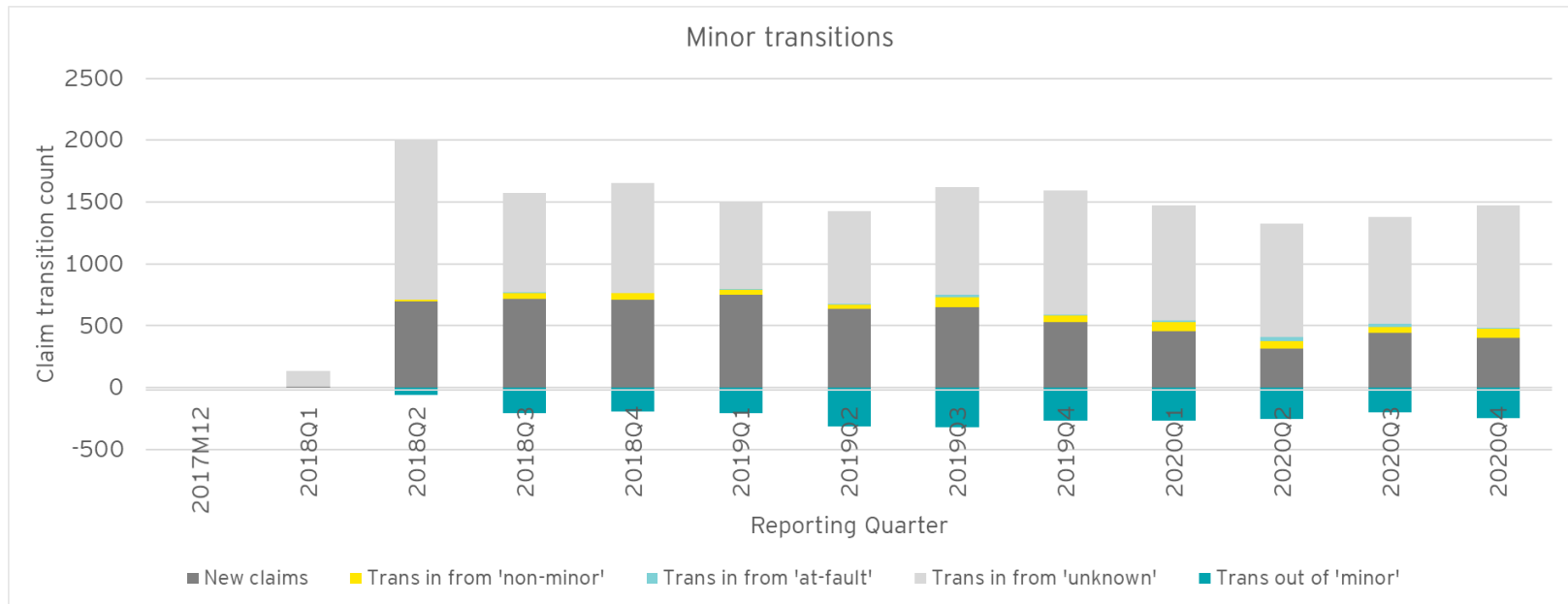


- ▶ The chart to the left shows the number of claims that transition in and out of the at-fault claims model by reporting quarter
- ▶ Either claims are newly reported ('New claims'), transition in from an alternative claim type ('Trans in') or transition out to an alternative claim type ('Trans out')

- ▶ When a claim is initially reported, for the purposes of our modelling, it is categorised as a 'not at-fault, unknown severity' claim, until the fault status and minor injury assessment is determined by the insurer. This is due to the vast majority of claims being eventually determined as not at-fault. Similarly, any minor or non-minor claims with undetermined fault status are initially categorised as not at-fault, and assumptions are made as to how many will eventually transition to an at-fault status.
- ▶ Around 130 new claims are assigned to 'at-fault' within the first quarter of the claim being reported, note the new claims for 2020Q2, 2020Q3 and 2020Q4 reporting quarters are lower than previously observed, this could be a combined effect of operational delay in determining fault status by the insurers, as well as reduced claims volume due to COVID-19 lockdown.
- ▶ Around 210 claims transition in from 'not at-fault, unknown severity' per quarter, and around 170 claims (in total) transition in from not at-fault minor and not at-fault non-minor per quarter.
- ▶ There are also some claims (< 100 per quarter) which transition out of at-fault into other claim types.

Claim numbers

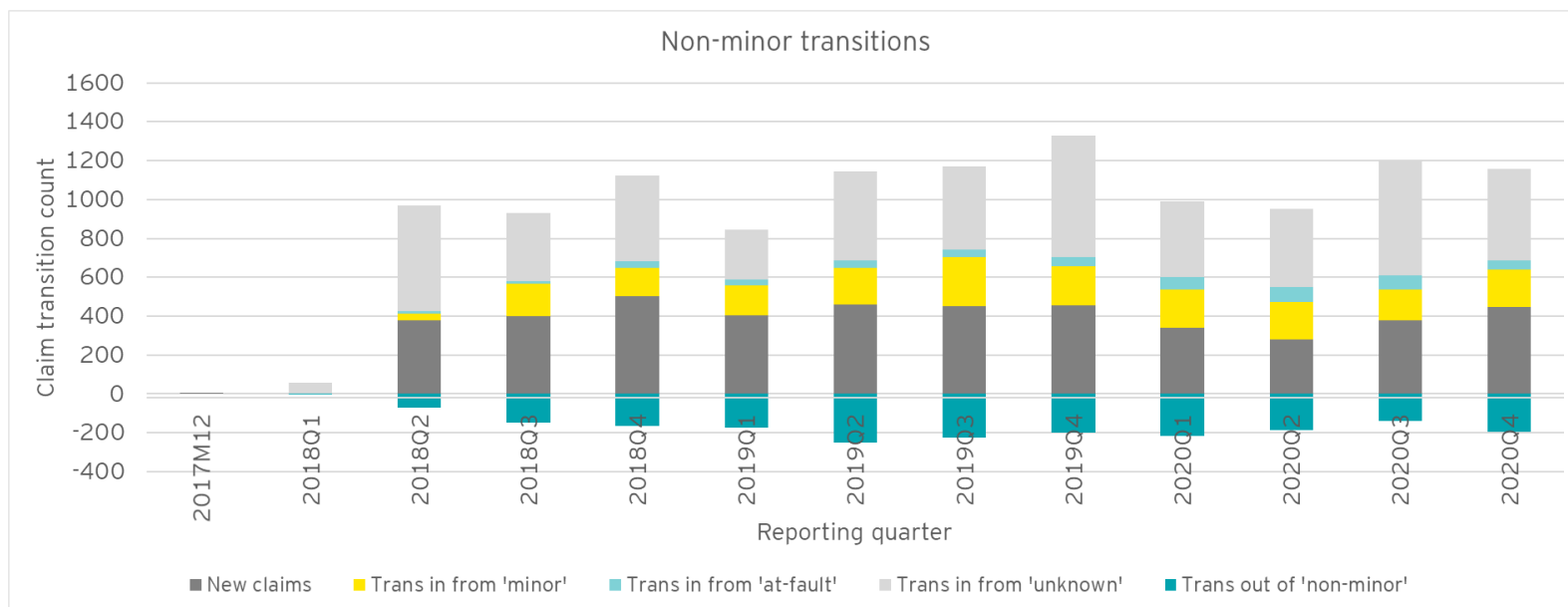
Not at-fault minor injury claims - transitions by reporting quarter



- ▶ The chart above illustrates the number of claims that transition in and out of the not at-fault minor injury claim category by reporting quarter.
- ▶ Around 40% of the claims transitioning into not at-fault minor claims each quarter are due to new claims reported within the quarter.
- ▶ The majority of the remaining claims transitioning into not at-fault minor injury claims come from the not at-fault unknown severity claim type. This is expected, as these claims typically do not have a minor injury assessment completed until up to around three months after being reported.
- ▶ There are also on average 200 claims per quarter transitioning out of the not at-fault minor injury claim type into other claim types.

Claim numbers

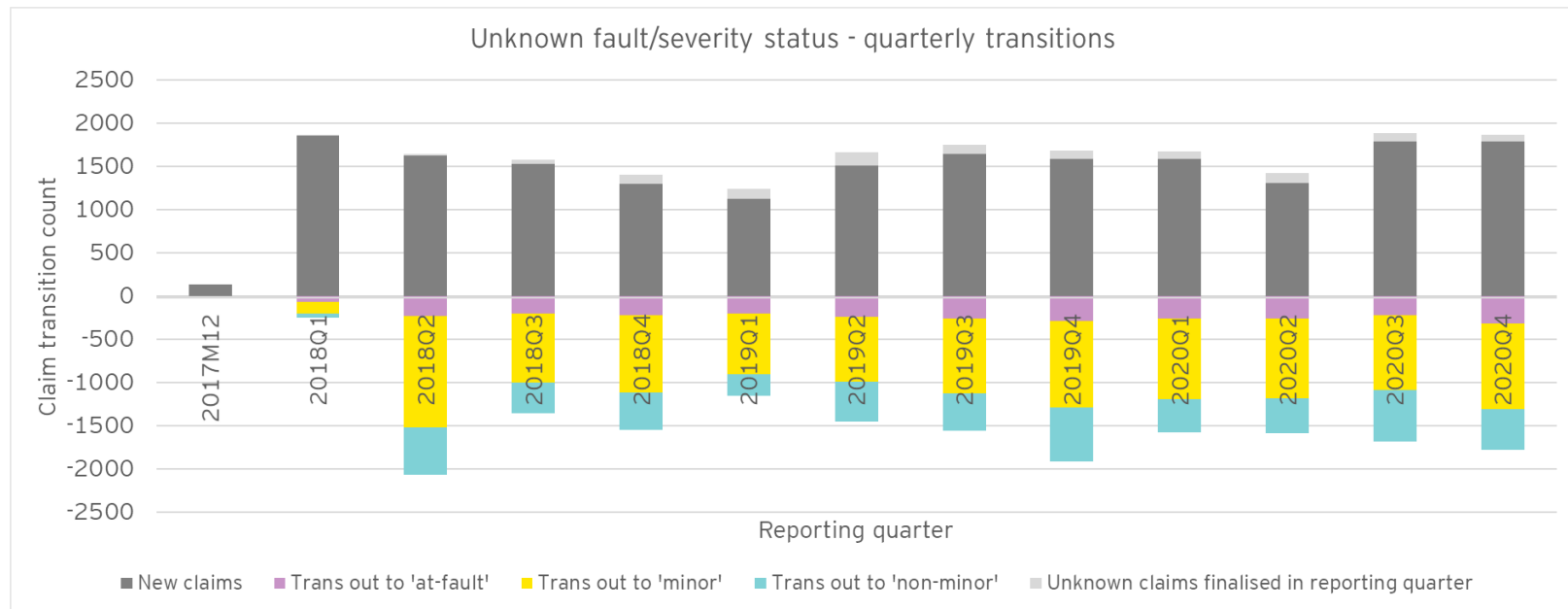
Not at-fault non-minor claims - transitions by reporting quarter



- ▶ Around 40% of the claims transitioning into the not at-fault non-minor category each quarter are due to new claims reported within the quarter.
- ▶ The majority of the remaining claims transitioning into the not at-fault non-minor injury category come from the not at-fault unknown severity claim type. This is expected, as these claims typically do not have a minor injury assessment completed until up to around three months after being reported.
- ▶ There is around 190 claims per quarter transitioning into not at-fault non-minor injury category from the not at-fault minor injury category.
- ▶ There is on average around 200 claims per quarter transitioning out of the not at-fault non-minor injury category into alternative categories. Initially, non-minor claims with an undetermined fault status are assumed to be not at-fault, so the majority of the transitions out of this category represent the claims which are later determined as 'at-fault'.

Claim numbers

Claims with an unknown fault/severity status - transitions by reporting quarter



- ▶ When a claim is initially reported, the fault status and the severity of the claim may be undetermined for up to around 3 months after the claim received date.
- ▶ This cohort of claims is modelled separately, and assumptions are made about whether these claims eventuate as an at-fault (any severity), not at-fault minor, or not at-fault non-minor claim.
- ▶ The chart above illustrates the transitions in and out of the unknown claim category. The number of claims finalising without a severity determination are illustrated by the light grey bar. The average claim size of these finalised claims indicates they are likely to be minor claims.
- ▶ Around 1,500 new claims with an unknown fault or severity determination are reported per quarter.

Actual versus expected claims experience

Statutory benefit claims reported - December to December experience

			December 2019 - December 2020			
Fault Status	Severity	Claim Type	Actual	Expected	Actual - Expected (#)	Actual - Expected (%)
At-Fault	All	Stat Ben	493	522	-29	-6%
Not At-Fault	Minor	Stat Ben	1,187	902	285	32%
	Non-minor	Stat Ben	1,171	1,240	-69	-6%
	Unknown	Stat Ben	-1,550	-1,524	-26	2%
Total			1,301	1,139	162	14%

		December 2019 - December 2020			
Accident Quarter		Actual	Expected	Actual - Expected (#)	Actual - Expected (%)
2018Q3 and Earlier		88	0	88	
2018Q4		35	4	31	791%
2019Q1		40	15	25	174%
2019Q2		77	38	39	104%
2019Q3		142	87	55	63%
2019Q4		919	996	-77	-8%
Total		1,301	1,139	162	14%

- ▶ A full statutory benefits valuation was carried out for 31 December 2019, and expected payments and claim numbers projected for future quarters
- ▶ In the twelve months leading up to 31 December 2020, reported claims have been higher than expected by around 14%, or 162 claims
- ▶ The higher than expected claims numbers are primarily driven by a higher than expected number of not at-fault minor statutory benefit claims, offset by lower than expected not at-fault non-minor statutory benefit claims
- ▶ Each quarter, a number of claims are expected to transition out of the 'unknown' severity model into 'at-fault', 'not at-fault minor' or 'not at-fault non-minor', once an insurer has determined the severity and fault status
- ▶ On an accident quarter basis, the higher than expected claims reported in the last four quarters are across all accident quarters, offset by the December 2019 accident quarter
- ▶ Note the reporting patterns are still developing in the 2017 Scheme, driving higher volatility in the actual versus expected from older accident periods

Actual versus expected claims experience

Statutory benefit claim payments - December to December experience

			December 2019 - December 2020			
Fault Status	Severity	Claim Type	Actual	Expected	Actual - Expected (#)	Actual - Expected (%)
At-Fault	All	Stat Ben	\$12.9m	\$13.7m	-\$0.7m	-5%
Not At-Fault	Minor	Stat Ben	\$12.1m	\$9.6m	\$2.5m	26%
	Non-minor	Stat Ben	\$146.2m	\$168.8m	-\$22.5m	-13%
	Unknown	Stat Ben	-\$8.8m	\$1.4m	-\$10.2m	-747%
Total			\$162.5m	\$193.4m	-\$30.9m	-16%

		December 2019 - December 2020			
Accident Quarter		Actual	Expected	Actual - Expected (#)	Actual - Expected (%)
2018Q3 and Earlier		\$37.2m	\$48.7m	-\$11.5m	-24%
2018Q4		\$16.4m	\$16.5m	-\$0.1m	-0%
2019Q1		\$16.4m	\$20.4m	-\$4.0m	-19%
2019Q2		\$22.1m	\$26.3m	-\$4.3m	-16%
2019Q3		\$30.9m	\$35.8m	-\$4.9m	-14%
2019Q4		\$39.5m	\$45.7m	-\$6.2m	-14%
Total		\$162.5m	\$193.4m	-\$30.9m	-16%

- ▶ Statutory benefit payments over the twelve months to 31 December have been \$31m (or 16%) lower than expected
- ▶ This is largely driven by a lower amount of payments for not at-fault non-minor claims, across all payment categories
- ▶ Each quarter, a number of claims are expected to transition out of the 'unknown' severity model into 'at-fault', 'not at-fault minor' or 'not at-fault non-minor', once an insurer has determined the severity and fault status. Therefore, we expect the overall actual payments for this cohort to be close to zero, or negative
- ▶ On an accident quarter basis, the experience is consistent across most accident periods
- ▶ The lower than expected experience could be due to operational interruption as a result of COVID-19 during the 2020 calendar year, which caused delays to scheduled treatment and care for claims incurred up to December 2019

Actual versus expected claims experience

Number of active claims receiving loss of income payments - December to December experience

December 2019 - December 2020						
Fault Status	Severity	Claim Type	Actual	Expected	Actual - Expected (#)	Actual - Expected (%)
At-Fault	All	Stat Ben	548	478	70	15%
Not At-Fault	Minor	Stat Ben	873	744	129	17%
	Non-minor	Stat Ben	5,715	5,554	161	3%
	Unknown	Stat Ben	228	313	-85	-27%
Total			7,364	7,090	274	4%

December 2019 - December 2020				
Accident Quarter	Actual	Expected	Actual - Expected (#)	Actual - Expected (%)
2018Q3 and Earlier	1,848	1,651	197	12%
2018Q4	672	597	75	13%
2019Q1	752	699	53	8%
2019Q2	928	915	13	1%
2019Q3	1,345	1,334	11	1%
2019Q4	1,819	1,894	-75	-4%
Total	7,364	7,090	274	4%

- ▶ The number of 'active claims' i.e. those receiving a loss of income payment within the last three months of the reporting quarter are analysed in this slide.
- ▶ In the twelve months leading up to 31 December, there were 7,364 'active claims' which received loss of income payments, which was 274 (or 4%) greater claims than expected.
- ▶ This is largely driven by the number of not at-fault minor claims receiving loss of income payments, which was 129 (or 17%) greater claims than expected.
- ▶ On an accident quarter basis, the lower than expected active claims for the period is driven by most accident quarters with the exception of 2020Q4 accident quarter
- ▶ Note the claim activities are still developing in the 2017 Scheme, driving higher volatility in the actual versus expected experience from older accident periods

Actual versus expected claims experience

Number of active claims receiving treatment payments - December to December experience

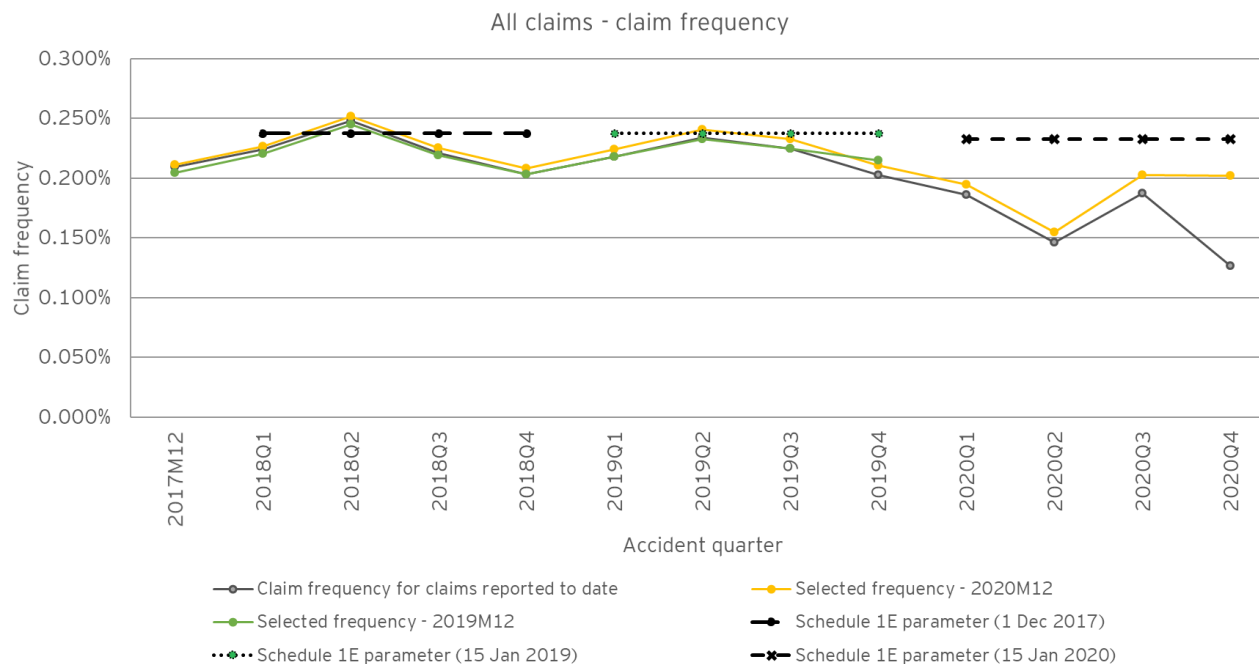
			December 2019 - December 2020			
Fault Status	Severity	Claim Type	Actual	Expected	Actual - Expected (#)	Actual - Expected (%)
At-Fault	All	Stat Ben	2,075	2,202	-127	-6%
Not At-Fault	Minor	Stat Ben	5,578	5,494	84	2%
	Non-minor	Stat Ben	14,129	15,408	-1,279	-8%
	Unknown	Stat Ben	776	946	-170	-18%
Total			22,558	24,051	-1,493	-6%

		December 2019 - December 2020			
Accident Quarter		Actual	Expected	Actual - Expected (#)	Actual - Expected (%)
2018Q3 and Earlier		5,165	5,101	64	1%
2018Q4		1,871	1,923	-52	-3%
2019Q1		2,301	2,365	-64	-3%
2019Q2		3,192	3,451	-259	-8%
2019Q3		4,472	4,916	-444	-9%
2019Q4		5,557	6,294	-737	-12%
Total		22,558	24,051	-1,493	-6%

- ▶ The number of 'active claims' i.e. those receiving a treatment payment within the last three months of the reporting quarter are analysed in this slide
- ▶ In the twelve months leading up to 31 December, there were 22,558 'active claims' which received treatment payments, which was 1,493 (or 6%) fewer claims than expected
- ▶ Around 1,279 (or 8%) fewer not at-fault non-minor claims received a treatment compared to expected
- ▶ On an accident quarter basis, the lower than expected number of claims receiving treatment is primarily driven by the most recent accident quarters, which is not unexpected due to the higher level of uncertainty for the most recent accident periods
- ▶ The lower than expected experience could be due to operational interruption due to COVID-19 during the 2020 calendar year, as access to certain treatment and care procedures were reduced and delayed
- ▶ Note the claim activities are still developing in the 2017 Scheme, driving higher volatility in the actual versus expected experience

Claim frequency

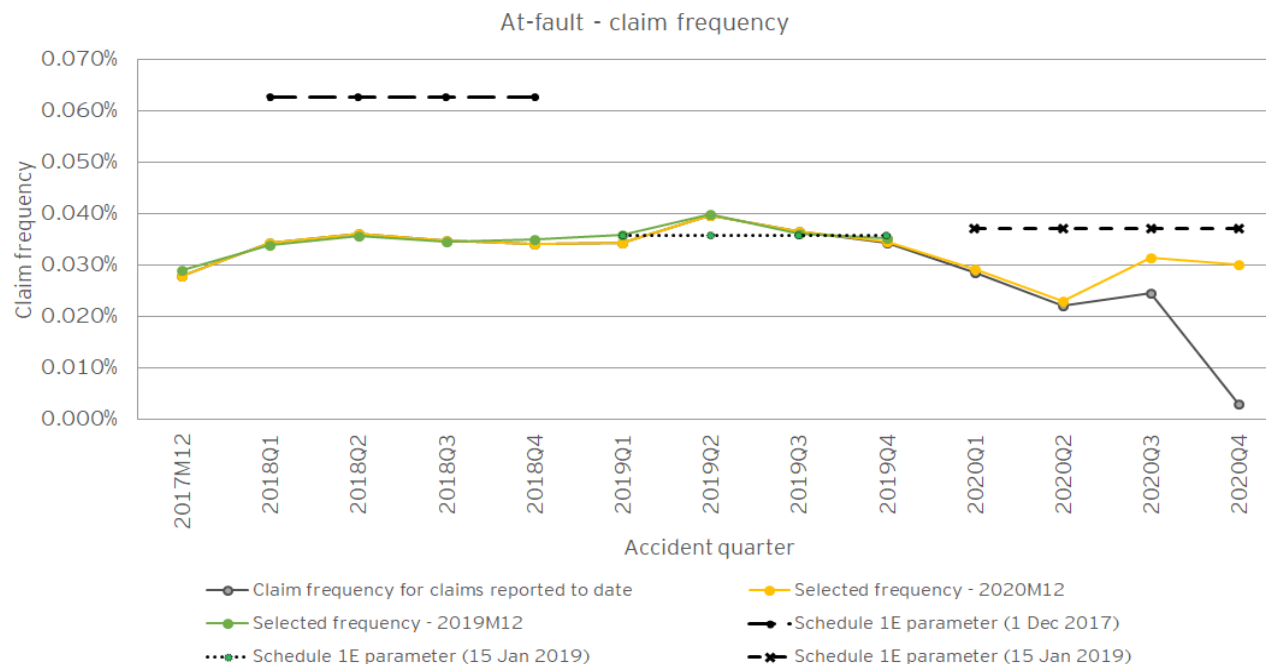
All claims



- ▶ The chart above shows the ultimate claim frequency for all claims per accident quarter
- ▶ The exposure measure used to determine ultimate claim frequency has been updated to be the annualised count of policies earned in that period, previously this was the annualised count of policies effective
- ▶ A higher amount of uncertainty is associated with the most recent accident quarter, as a higher number of claims are still yet to be reported compared to previous quarters
- ▶ The gap between the grey line and the yellow line illustrates the claims which are expected to have been incurred but have not yet been reported. The chart shows that the number of incurred but not yet reported claims is close to zero one year after the accident has occurred
- ▶ An increase in frequency was observed across most accident quarters when compared to the previous full valuation at December 2019, as a result of the updated approach in non statutory benefit models, which allows for further interstate claims development for the older accident periods
- ▶ The observed reduction in 2020Q1 and 2020Q2 is due to a reduction in exposure during the COVID-19 lockdown in NSW. Claim numbers for 2020Q3 and 2020Q4 are projected to return closer to normal Pre-COVID levels

Claim frequency

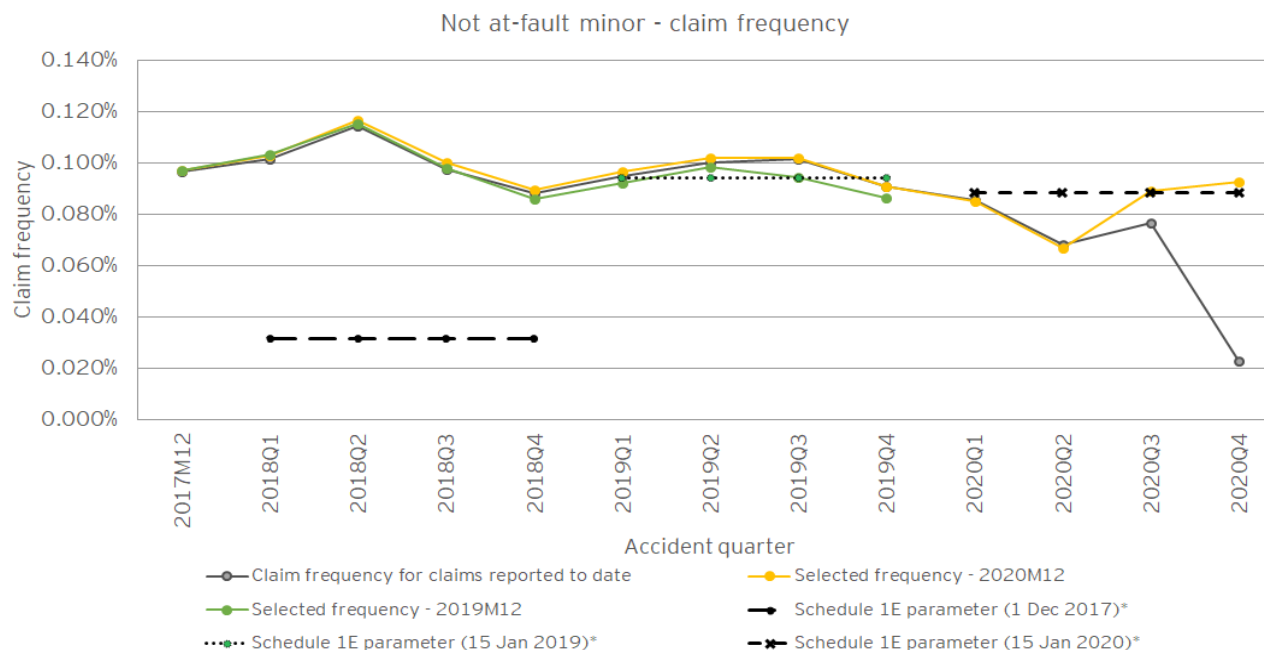
At-fault claims



- ▶ The chart shows the ultimate claim frequency and reported to date claim frequency for at-fault and mostly at-fault claims
- ▶ The ultimate frequency for at-fault claims is broadly consistent with the previous valuation (i.e. green vs yellow line)
- ▶ The gap between reported to date claim frequency and ultimate frequency illustrates the claims which have incurred but not yet been reported, or claims that have not yet been determined as 'at-fault'. For December 2017 to 2019Q2 accident periods, it is not expected that there will be any material additional at-fault claims reported
- ▶ The observed reduction in 2020Q1 and 2020Q2 is due to a reduction in exposure during the COVID-19 lockdown in NSW. Claim numbers for 2020Q3 and 2020Q4 are projected to return to normal pre-COVID levels, however frequency remains slightly lower than the 2019Q3 and 2019Q4 accident quarters

Claim frequency

Not at-fault minor injury claims

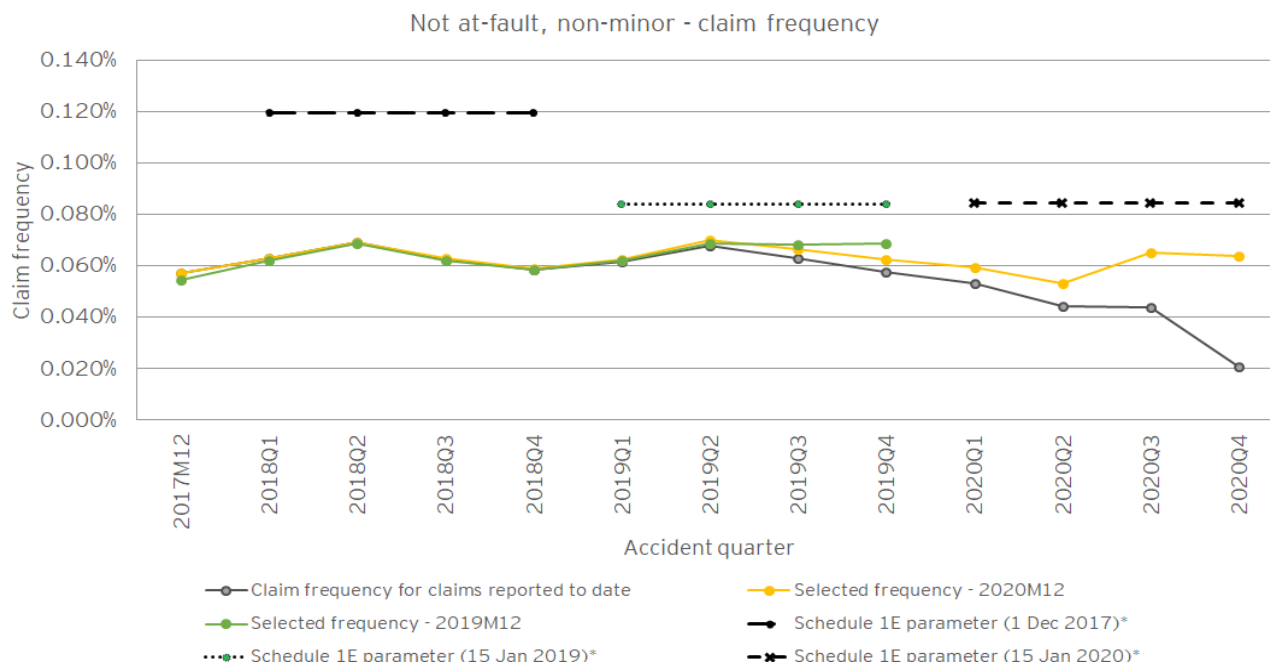


- ▶ The chart shows the ultimate claim frequency and reported to date claim frequency for not at-fault minor injury claims
- ▶ The ultimate frequency for minor claims is broadly consistent with the previous valuation
- ▶ The reported to date frequency is higher than the ultimate frequency, which means a proportion of claims are expected to transition out of not at-fault minor into the not at-fault non-minor claim category following the completion of insurer internal reviews and any further dispute processes
- ▶ The observed reduction in 2020Q1 and 2020Q2 is due to a reduction in exposure during the COVID-19 lockdown in NSW. Claim numbers for 2020Q3 and 2020Q4 are projected to return to normal Pre-COVID levels

*Schedule 1E parameter has been modified to remove early notification claims to allow for like-for-like comparison with selected frequency

Claim frequency

Not at-fault non-minor injury claims

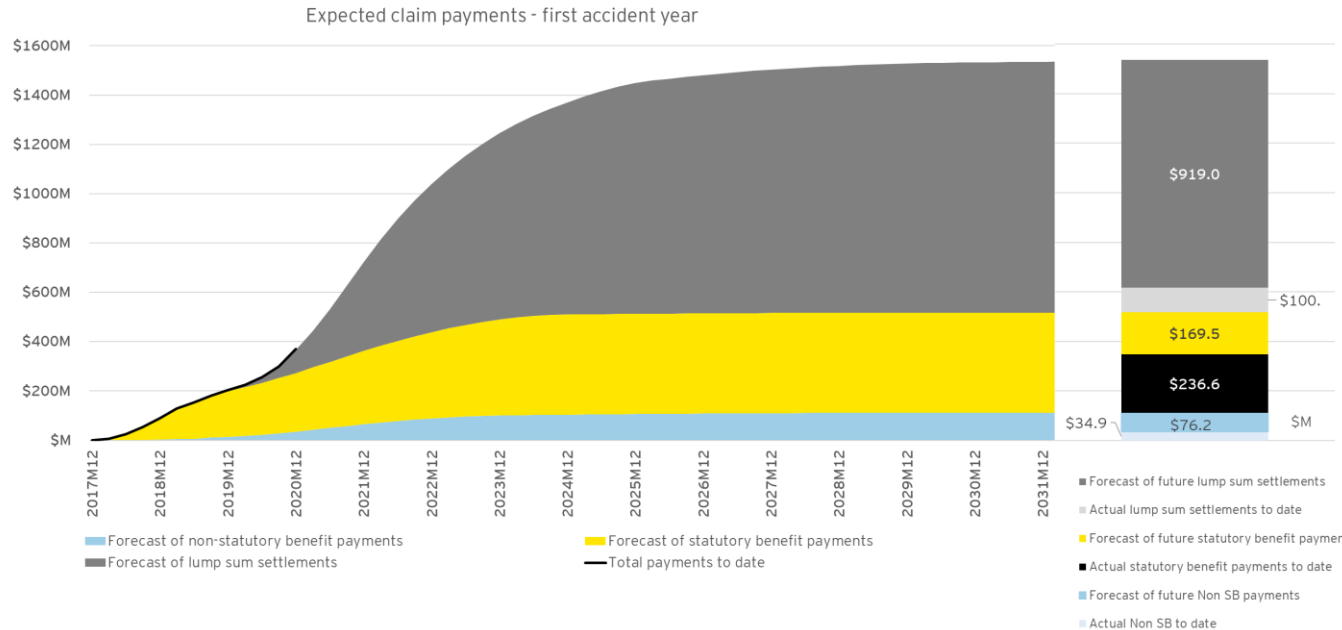


- ▶ The chart shows the ultimate claim frequency and reported to date claim frequency for not at-fault non-minor injury claims
- ▶ The ultimate frequency for non-minor claims has decreased for the December 2019 accident quarter since the previous valuation
- ▶ The gap between reported to date claim frequency and ultimate frequency illustrates the claims which have not yet been determined as 'non-minor'. It is expected that a number of minor claims will be re-assessed as non-minor, following the completion of insurer internal reviews or disputes with Dispute Resolution Services (DRS). The latest selected frequency allows for a reduction in the minor injury overturn rate assumption following a lower than expected emergence of overturns
- ▶ The observed reduction in 2020Q2 is due to a reduction in exposure as a result of the COVID-19 lockdown in NSW

*Schedule 1E parameter has been modified to remove non-statutory benefit claims to allow for like-for-like comparison

Claim payments

Actual vs. expected payment pattern (1 Dec 2017 - 31 Dec 2018)

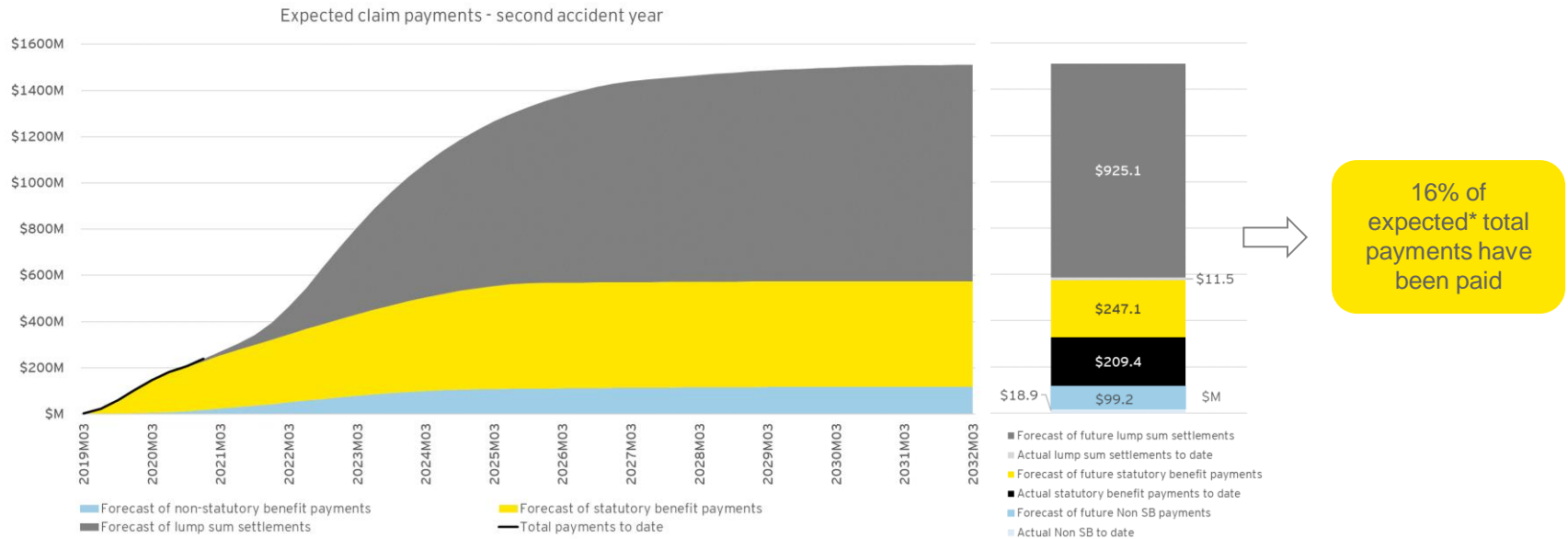


- ▶ The chart above shows the expected payment pattern of the scheme for the first accident year (1 Dec 2017 to 31 Dec 2018), split by statutory benefit payments, lump sum settlements and non-statutory benefit payments, note the first accident year is the first 13 months since the beginning of the scheme
- ▶ This graph shows that a material component of the claims cost in relation to the award of damages has yet to emerge due to the scheme design and access to statutory benefits in the interim
- ▶ In particular, it highlights that total payments to date account for 24% of total expected payments. In addition, approximately 66% of the expected claims costs are for the award of damages (grey segment), which are only expected to start emerging with any significance after December 2019 for the majority of claims. To date, there have been \$236.6m payments relating to statutory benefit payments, \$100.0m payments relating to lump sum settlements and \$34.9m payments relating to non-statutory benefit payments for the first accident year

*Expected total payment as at 30 September 2020

Claim payments

Actual vs. expected payment pattern (1 Jan 2019 - 31 Dec 2019)

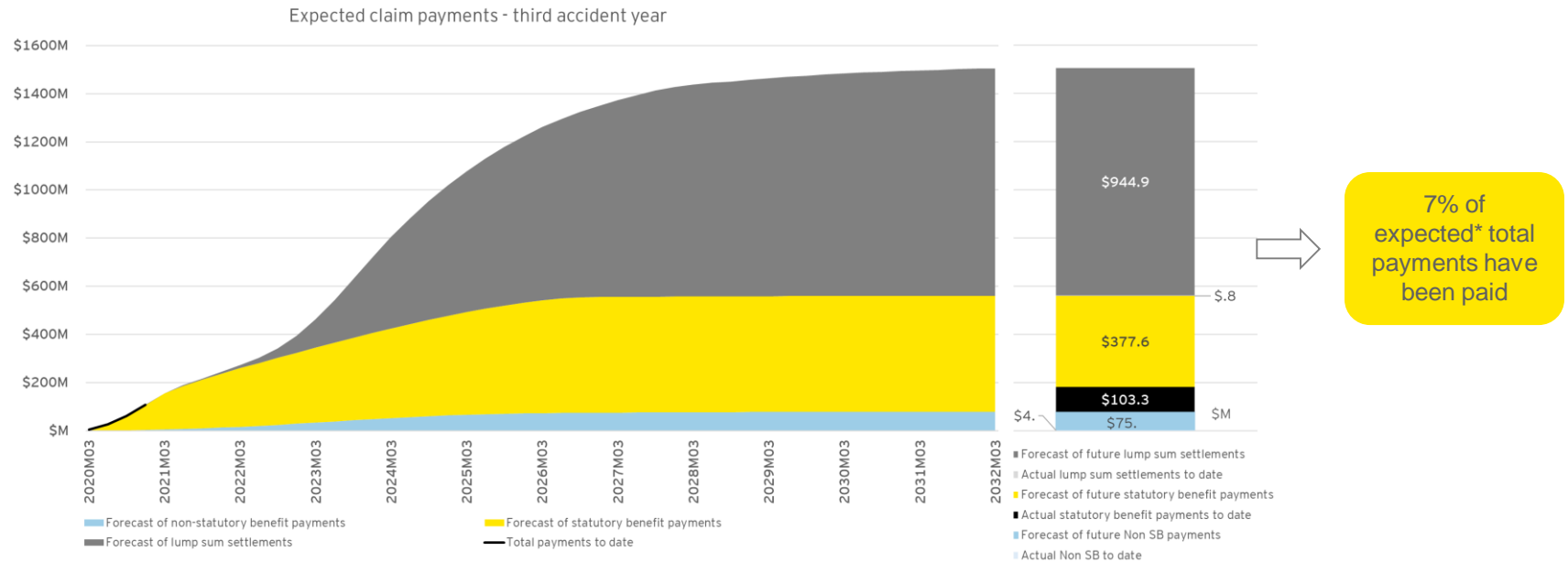


- ▶ The chart above shows the expected payment pattern of the scheme for the second accident year (1 Jan 2019 to 31 Dec 2019), split by statutory benefit payments, lump sum settlements and non-statutory benefit payments
- ▶ This graph shows that a material component of the claims cost in relation to the award of damages has yet to emerge due to the scheme design and access to statutory benefits in the interim
- ▶ In particular, it highlights that total payments to date account for 15.9% of total expected payments. In addition, approximately 62% of the expected claims costs are for the award of damages (grey segment), which are only expected to start emerging with any significance after December 2020 for the majority of claims. To date, there have been \$209.4m payments relating to statutory benefit payments, \$11.5m payments relating to lump sum settlements and \$18.9m payments relating to non-statutory benefits for the second accident year

*Expected total payment as at 30 September 2020

Claim payments

Actual vs. expected payment pattern (1 Jan 2020 - 31 Dec 2020)

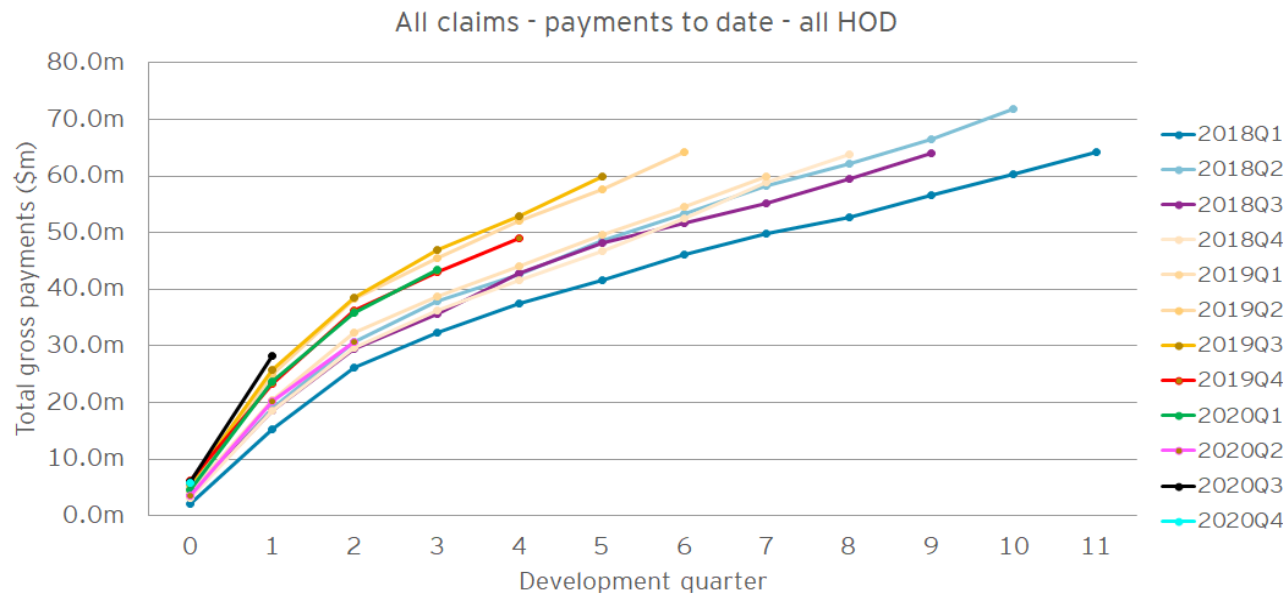


- ▶ The chart above shows the expected payment pattern of the scheme for the third accident year (1 Jan 2020 to 31 Dec 2020), split by statutory benefit payments, lump sum settlements and non-statutory benefit payments
- ▶ This graph shows that a material component of the claims cost in relation to the award of damages has yet to emerge due to the scheme design and access to statutory benefits in the interim
- ▶ In particular, it highlights that total payments to date account for 7.2% of total expected payments. In addition, approximately 63% of the expected claims costs are for the award of damages (grey segment), which are only expected to start emerging with any significance after December 2021 for the majority of claims. To date, there have been \$103.3m payments relating to statutory benefit payments, \$0.8m payments relating to lump sum settlements and \$4.0m non-statutory benefit payments for the third accident year

*Expected total payment as at 30 September 2020

Statutory Benefit - claim payments

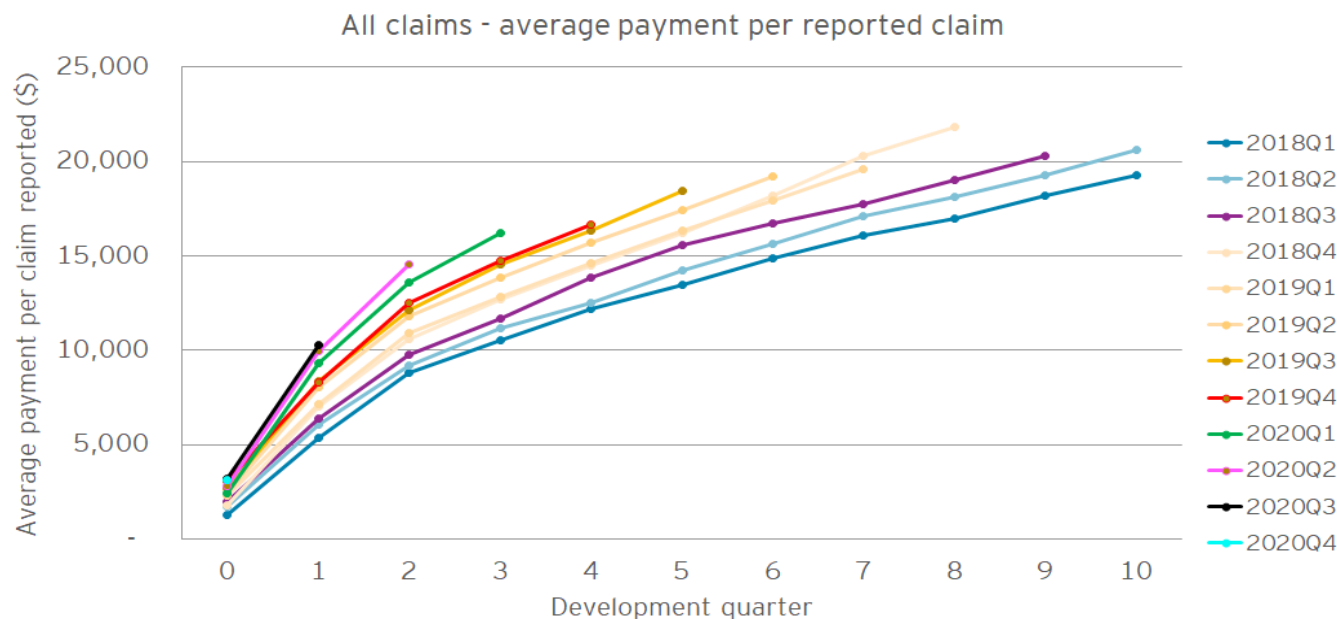
Total gross statutory benefit payments by development quarter (current value)



- ▶ The above chart shows the total statutory benefit payment profile for each accident quarter for all claims across all heads of damage (HOD)
- ▶ The more mature accident quarters are still developing, this is mainly due to not at-fault non-minor claimants who are still eligible to receive statutory benefits
- ▶ The ultimate cost per accident quarter will not be known with certainty until after five years after the accident quarter, due to not at-fault non-minor claimants being entitled to statutory benefits until this point, as well as the larger payments relating to the award of damages being finalised
- ▶ It appears for most recent accident quarters, claimants are receiving higher payments compared to previous quarters at the same point of development. This may be due to insurers now having better established claims operations which are resulting in claimants receiving payments more quickly, rather than higher payments overall. However, this is not known with certainty until the profile of these accident quarters develops over time compared to the earlier periods

Statutory Benefit - average payment per claim reported

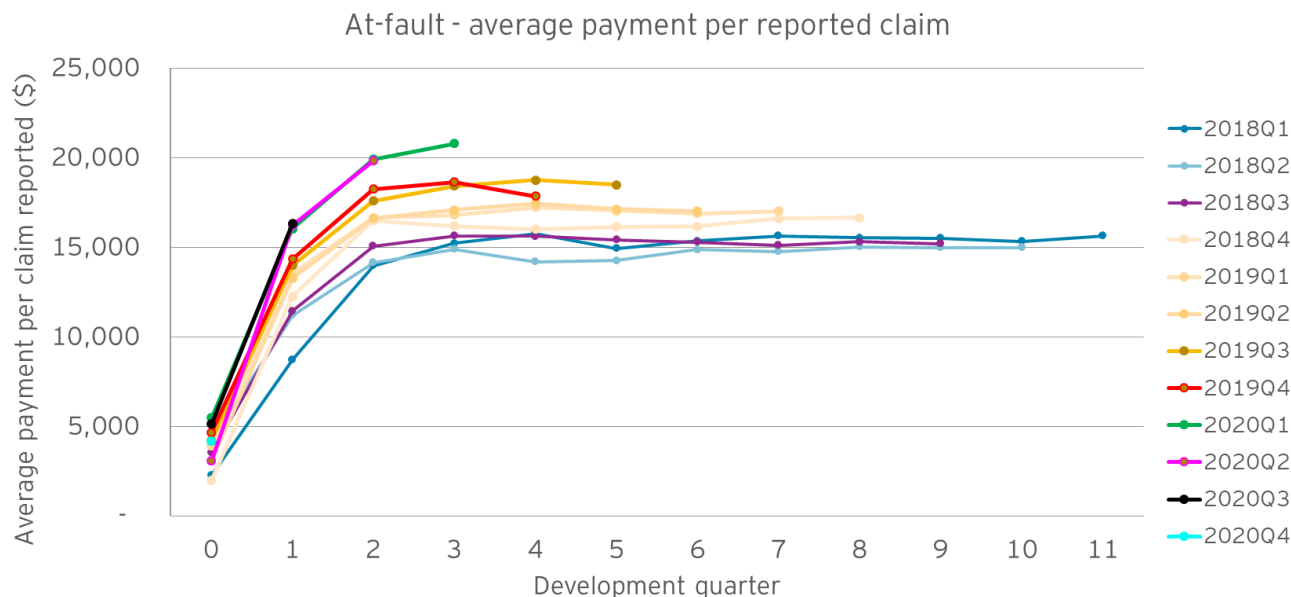
All claims - average cumulative payments per reported claim (current value)



- ▶ This chart shows the profile of average cumulative payments per claim reported by accident quarter and development quarter
- ▶ On a development basis, the more mature accident quarters are still showing development, which is due to non-minor claimants still receiving statutory benefit payments
- ▶ More recent accident quarters have a higher profile than older accident quarters which may indicate a speeding up of payments as the scheme has progressed, rather than higher payments overall. However, this is not known with certainty, until the profile of these accident quarters develops over time compared to the earlier periods

Statutory Benefit - average payment per claim reported

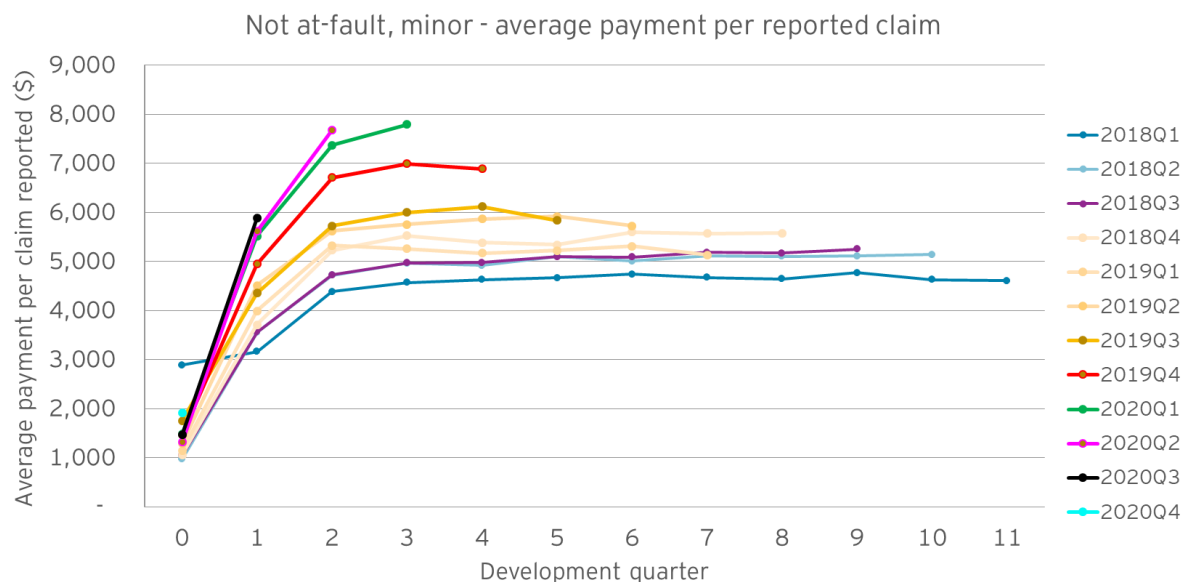
At-fault claims - average cumulative payment per reported claim (current value)



- ▶ This chart shows the profile of average cumulative payments per at-fault claim reported by accident quarter and development quarter
- ▶ On a development quarter basis, the older accident quarters have reached a steady level of average claim size by around development quarter 3. This is expected as at-fault claimants are entitled to 26 weeks of benefits, with some allowance for delay in payments and invoicing
- ▶ More recent accident quarters have a slightly higher profile than older accident quarters. This may indicate a speed up in payments on claims as the scheme has progressed, although this is not known with certainty and so the ultimate payment could end up being slightly higher than older accident months
- ▶ This chart indicates the average claim size is emerging at around \$16,000-\$18,000 for at-fault claims
- ▶ Higher average claim sizes for 2020Q1 and 2020Q2 may be due to a change in claims mix for claims incurred during the COVID-19 lockdown. The reduced number of claims have a higher average severity compared to the those in prior quarters

Statutory Benefit - average payment per claim reported

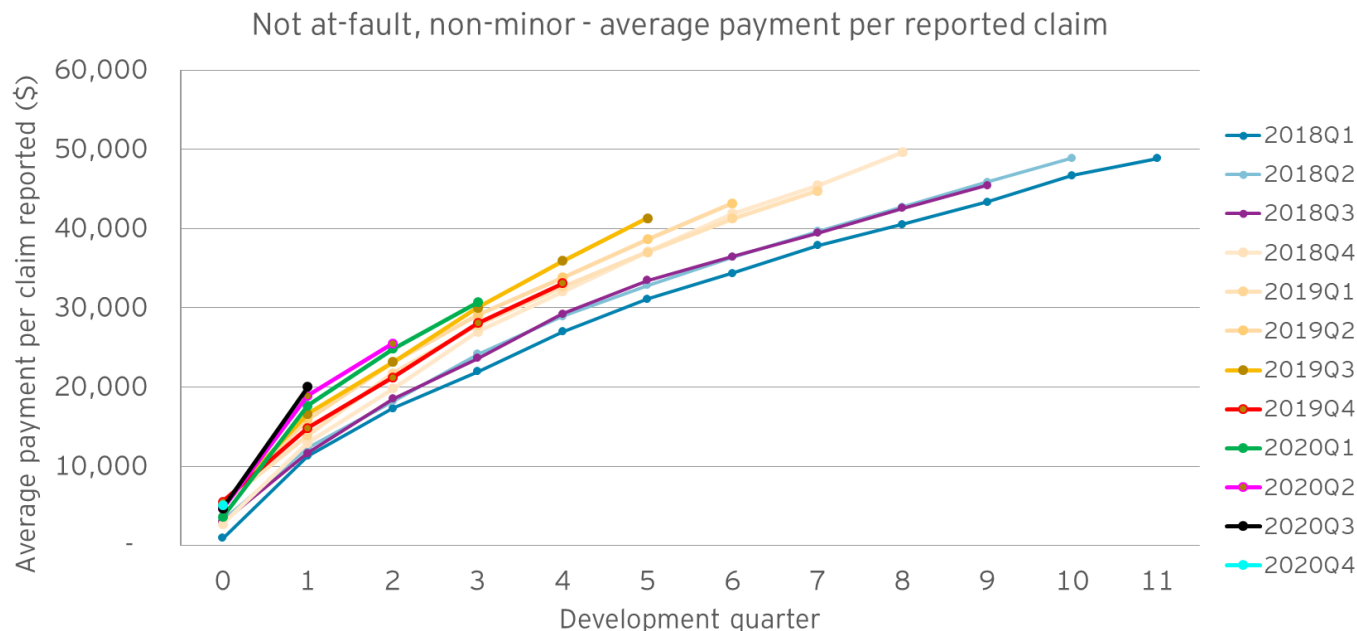
Not at-fault minor claims - average cumulative payment per reported claim (current value)



- ▶ This chart shows the profile of average cumulative payments per not at-fault minor injury claim reported by accident quarter and development quarter
- ▶ On a development quarter basis, the older accident quarters have reached a steady level of average claim size by around development quarter 3. This is expected as not at-fault minor injury claimants are entitled to 26 weeks of benefits, with some allowance for delay in payments, invoicing and accessing further benefits for some claims if the insurer agrees that further treatment will aid recovery
- ▶ It appears that more recent accident quarters have around a 10% - 20% higher average claim size than more mature accident quarters prior to 2018Q3. This may be indicative of a speeding up of payments for recent accident quarters or higher ultimate claim costs
- ▶ This chart indicates the average claim size is around \$4,500-\$6,000 for not at-fault minor claims, although the 2019Q4 accident quarter and 2020Q1 accident quarter has exceeded \$6,000 after 2 development quarters. This is continuing to be monitored
- ▶ Higher average claim sizes for 2020Q1 and 2020Q2 may be due to a change in claims mix for claims incurred during the COVID-19 lockdown. The reduced number of claims have a higher average severity compared to the those in prior quarters

Statutory Benefit - average payment per claim reported

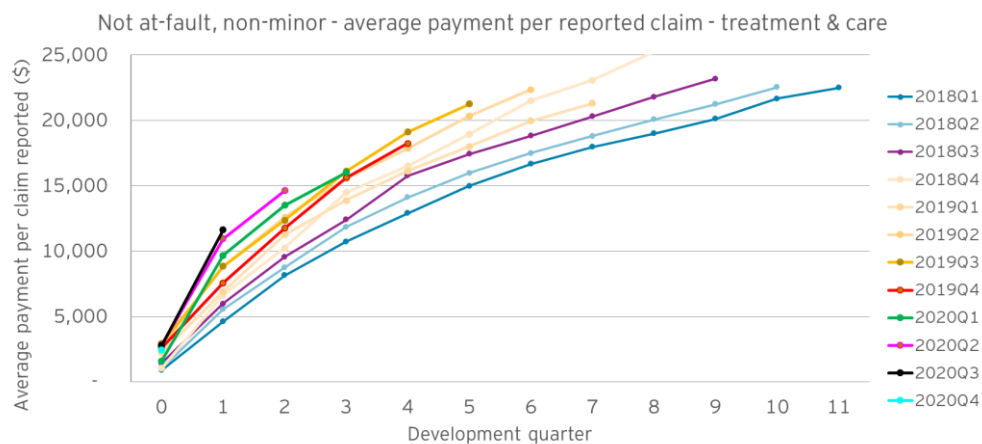
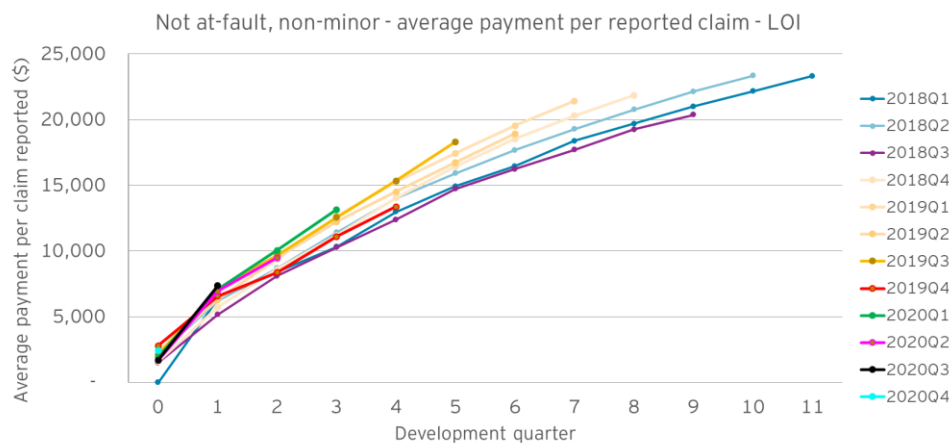
Not at-fault non-minor claims - average cumulative payment per reported claim (current value)



- ▶ This chart shows the profile of average cumulative payments per not at-fault non-minor injury claim reported by accident quarter and development quarter
- ▶ It appears that more recent accident quarters have a higher average claim size than more mature accident quarters prior to 2018Q3. This may be indicative of a speeding up of payments for more recent accident years and/or a higher ultimate average claim size for recent accident quarters
- ▶ The average cumulative payment per not at-fault non-minor claim reported will not be known with certainty until after five years after the accidents occur, due to not at-fault non-minor claimants being entitled to benefits up to this point, as well as the larger payments relating to the award of damages being finalised

Statutory Benefit - average payment per claim reported

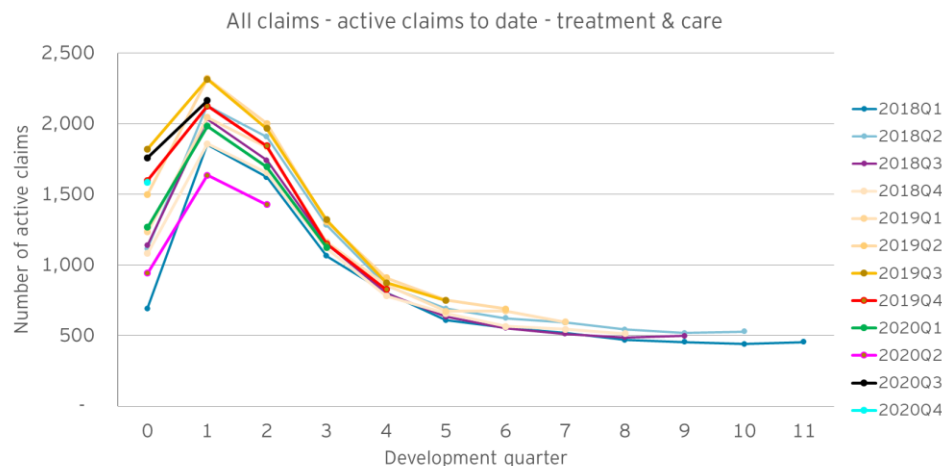
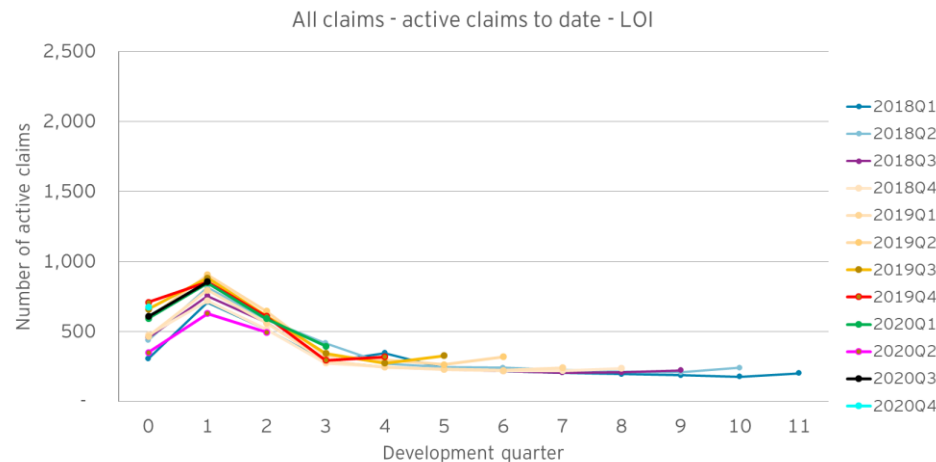
Not at-fault non-minor claims - average cumulative payment per reported claim (current value)



- ▶ These charts illustrate the profile of average cumulative payments per not at-fault non-minor injury claims reported by accident quarter and development quarter, split by loss of income (LOI) payments and treatment & care payments
- ▶ Both payment types are continuing to develop which is not unexpected as the design of the scheme enables this cohort of claimants to continue to claim LOI and treatment & care benefits for up to five years
- ▶ For LOI payments, the average claim sizes for each accident quarter are mostly analogous, averaging between \$12k - \$15k by development quarter 4
- ▶ For treatment & care payments, it appears that the average claim size is developing upwards for more recent accident quarters. This could be indicative of speeding up of payments for more recent accident periods and/or a higher ultimate average claim size for recent accident periods.
- ▶ Superimposed inflation could also explain this trend as treatment costs are more susceptible to superimposed inflation, although it is more likely related to the longer term trends of the underlying scheme emerging, which includes insurer processes adjusting over time.

Statutory Benefit - number of active claims

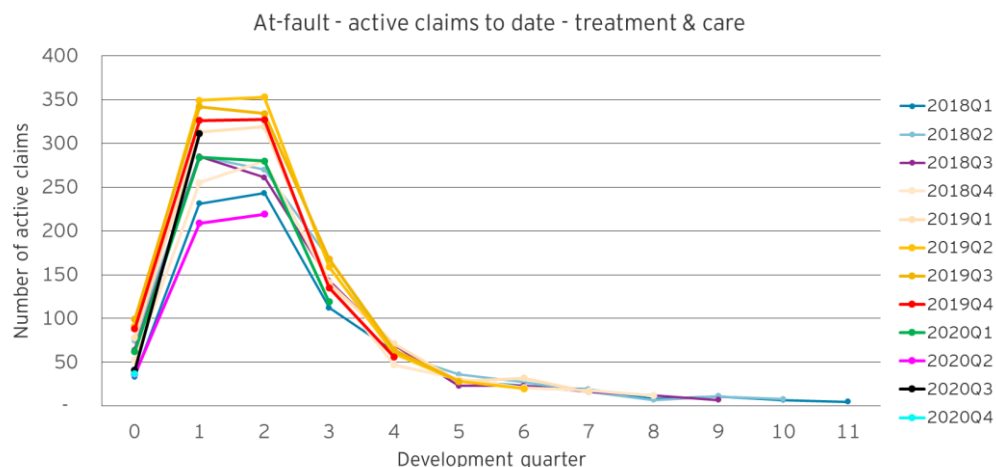
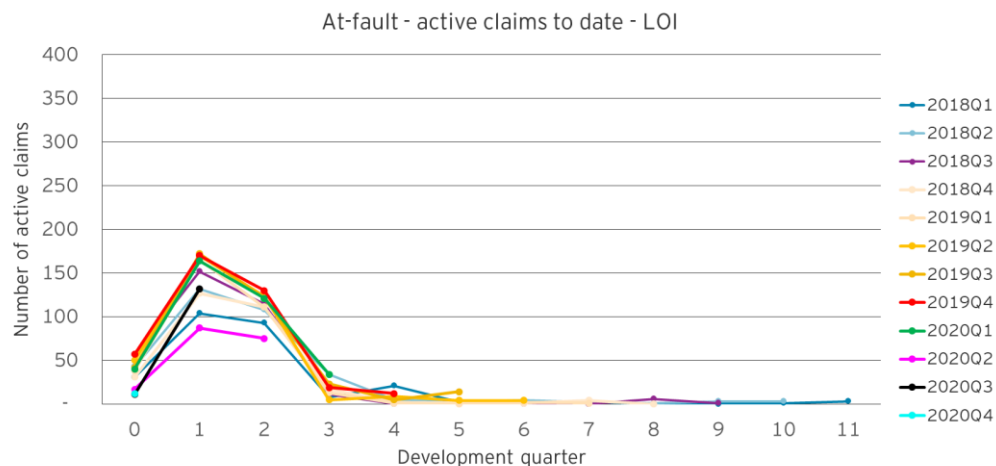
All statutory benefit claims



- ▶ The charts illustrate the number of 'active' claims (i.e. those receiving loss of income (LOI) and/or treatment benefits), by development quarter
- ▶ A claim is determined as 'active' if the injured person has received a payment within the quarter
- ▶ The volume of active claims reaches the peak around 1 quarter after the accident has occurred for loss of income benefits, and around 1 - 2 quarters after for treatment benefits
- ▶ From this point onwards, the number of injured persons receiving these types of benefits starts to decline
- ▶ By development quarter 4 for loss of income, and development quarter 6 for treatment, the claims receiving any payments are mostly the not at-fault non-minor claims
- ▶ For both loss of income and treatment benefits, more recent accident quarters have a higher proportion of active claims than more mature accident quarters. This indicates a higher number of claimants are receiving payments earlier and potentially staying active for longer
- ▶ Overall the volume of claims receiving treatment is much higher than loss of income benefits, and they remain active for relatively longer
- ▶ Uptick in LOI active experience for the latest quarter across all accident quarters is due to a single insurer, for non-minor claims

Statutory Benefit - number of active claims

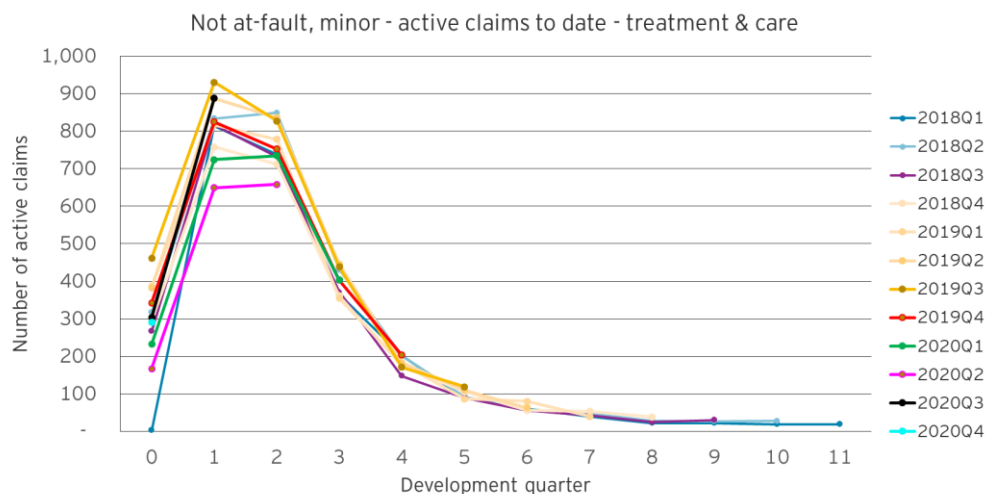
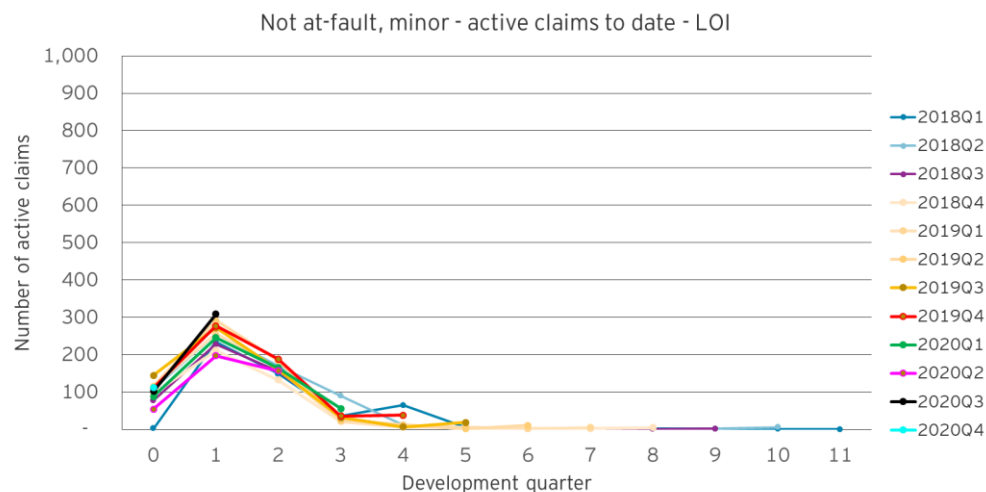
At-fault claims



- ▶ The charts illustrate the number of 'active' at-fault claims (i.e. those receiving loss of income (LOI) and/or treatment benefits), by development quarter
- ▶ On a development quarter basis, the number of at-fault claims receiving loss of income benefits reduces to almost 0 after 4 quarters; this is expected as benefit entitlements cease for at-fault claimants after 26 weeks, given allowance for delay in payments and invoicing
- ▶ Claims receiving treatment benefits tend to remain active for longer; there are still a small proportion of the earlier claims which are still active eighteen months later
- ▶ More recent accident quarters tend to have a higher volume of active claims receiving benefits. This indicates a higher number of claimants are receiving payments earlier
- ▶ The low number of actives observed for 2020Q2 is due to reduced exposure as a result of the COVID-19 lock down. Note a higher reduction was observed for active claims receiving treatment and care benefits, in comparison to those receiving loss of income benefits. This reflects less severe claims may have ceased to receive treatment and care earlier

Statutory Benefit - number of active claims

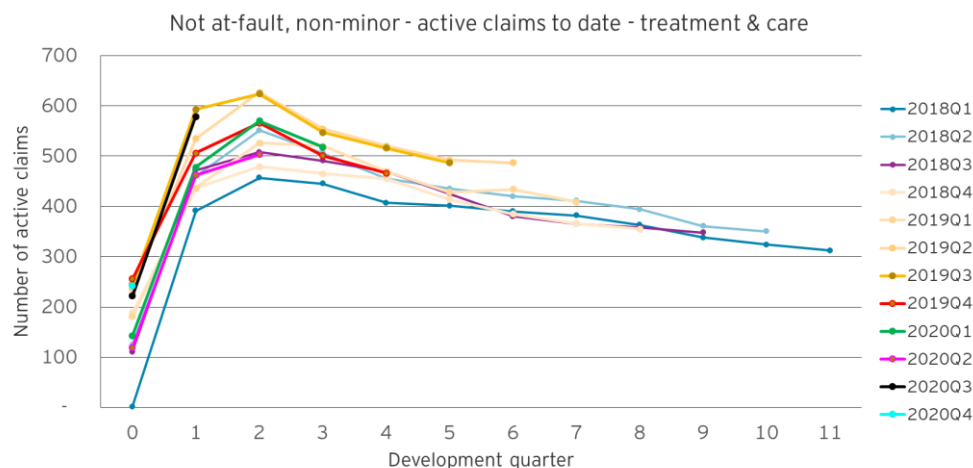
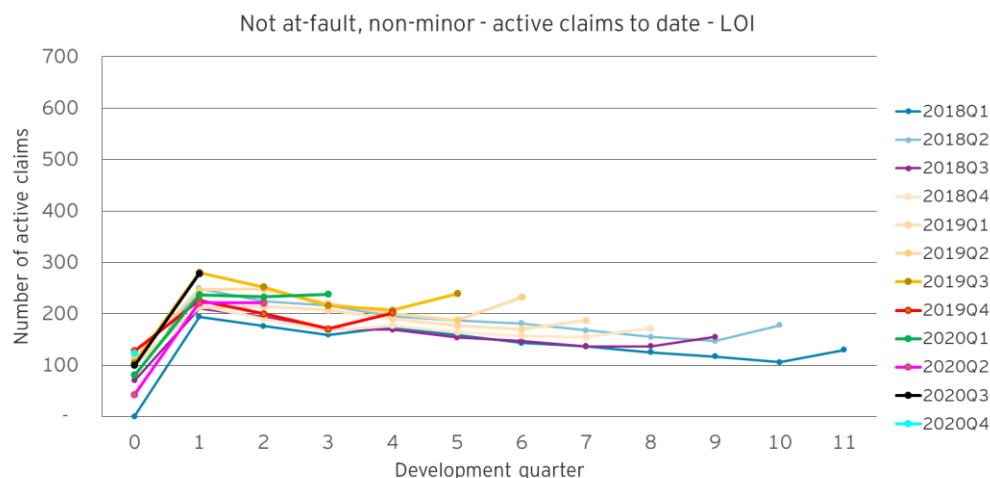
Not at-fault minor claims



- ▶ The charts illustrate the number of 'active' minor claims (i.e. those receiving loss of income (LOI) and/or treatment benefits), by development quarter
- ▶ On a development quarter basis, not at-fault minor injury active claims follow a similar profile to at-fault claims, as their benefits also generally cease 26 weeks after the accident date
- ▶ Claims receiving treatment benefits tend to remain active for longer than for loss of income benefits, there are still a small proportion of the earlier claims still active six quarters later
- ▶ This is related to the ability to receive treatment benefits more than 26 weeks after the accident if the insurer accepts that further treatment is likely to aid recovery
- ▶ The low number of actives observed for 2020Q2 is due to reduced exposure as a result of the COVID-19 lock down. Note a higher reduction was observed for active claims receiving treatment and care benefits, in comparison to those receiving loss of income benefits. This reflects less severe claims have ceased to receive treatment and care benefits earlier, however is continuing to receive loss of income benefits

Statutory Benefit - number of active claims

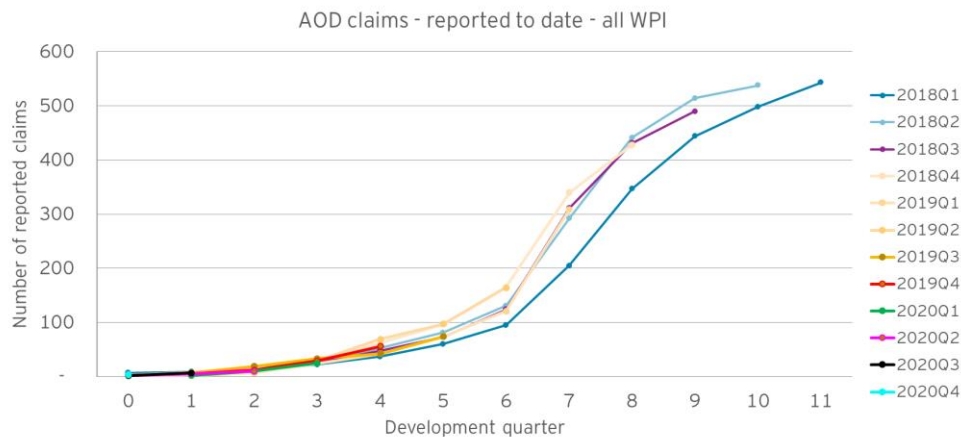
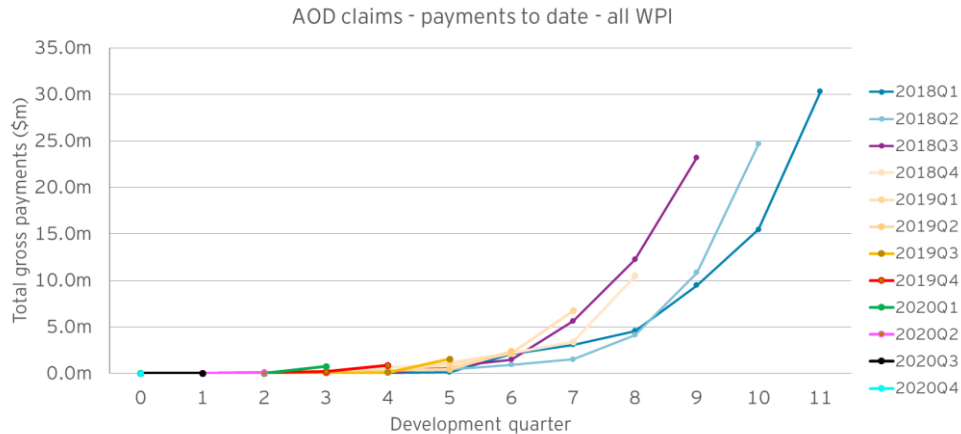
Not at-fault non-minor claims



- ▶ The charts illustrate the number of 'active' not at-fault non-minor claims (i.e. those receiving loss of income (LOI) and/or treatment benefits), by development quarter
- ▶ For both loss of income and treatment benefits, more recent accident quarters have a higher proportion of active claims than more mature accident quarters. This indicates a higher number of claimants are receiving payments earlier than previous accident quarters and this may persist to remaining active for a longer period of time as well
- ▶ Not at-fault non-minor claims are entitled to statutory benefits for up to 5 years (injury severity dependent) so it is expected that claims will remain active for a prolonged period of time, unlike at-fault or not at-fault minor injury claims
- ▶ The number of LOI actives observed for 2020Q2 has caught up in the last quarter, however it still remains lower compared to the same development period in 2019, due to reduced exposure as a result of the COVID-19 lockdown. Note the number of active claims receiving treatment and care benefits does not seem as low for non-minor claims in 2020Q2 in comparison to other claim types
- ▶ Uptick in LOI active experience for the latest quarter across all accident quarters is due to a single insurer, this is potentially due to data clean up on the insurer's side. We will continue to monitor/investigate this

Damages claims - claim payments and reported numbers

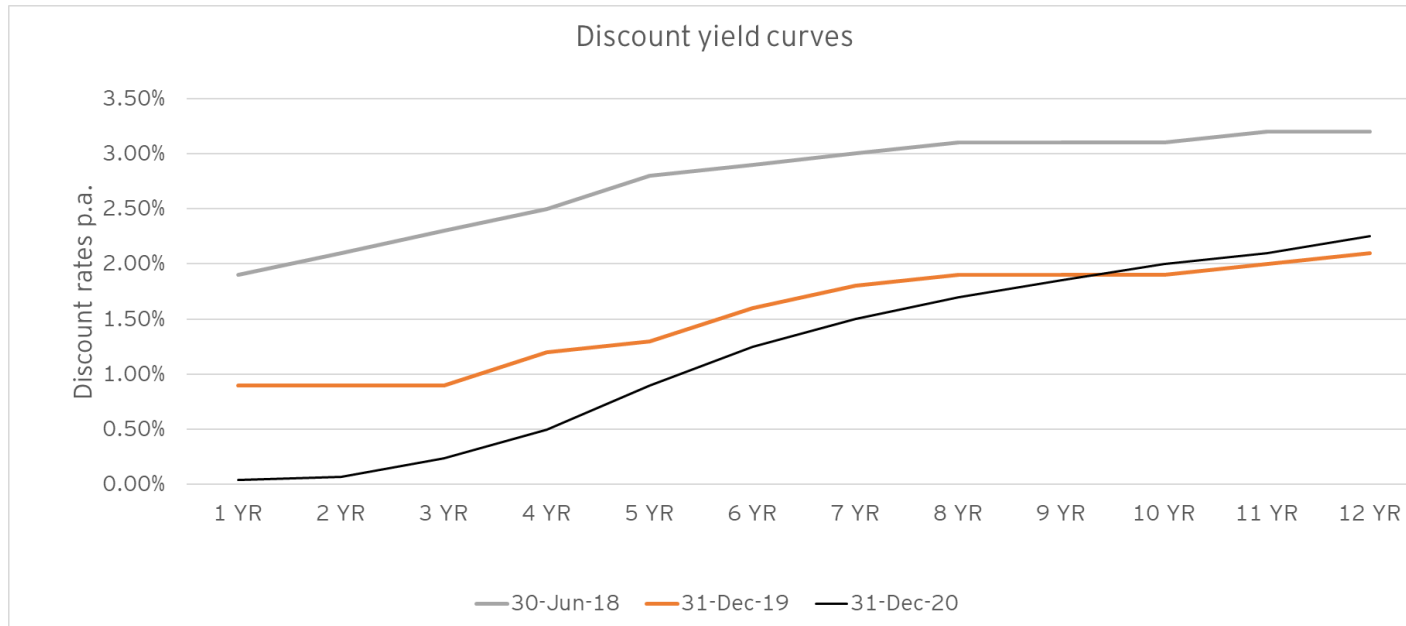
Award of damages (AOD) claims



- ▶ The charts show the total payment profile and claims reporting profile for each accident quarter for all award of damages claims across all whole person impairment (WPI) levels, which includes undetermined WPI
- ▶ The key 2017 Scheme milestones which will trigger lodgements of claims for damages have occurred for all claims occurred in the first accident year
- ▶ Payment profile of these AOD claims demonstrates the lack of experience for these claims continues to create uncertainty in assessing the financial performance of the 2017 Scheme
- ▶ It appears for most recent accident quarters, claimants are receiving higher payments compared to previous quarters at the same point of development. This may be due to claims process settling down between claims lodgements and payments, which will include the changes in interaction between those involved in the process. This is expected to result in claims receiving payments more quickly, rather than higher payments overall. However, this is not known with certainty until the profile of how these accident quarters develop over time compared to the earlier periods is understood better

Discount Rates

Premium Impact



- ▶ The economic assumptions are updated quarterly
- ▶ The chart above shows the movement in yield curve, which is used for discounting premiums
- ▶ Over the last two years, there have been a few reductions in the yield curve. This is demonstrated in the chart above, which shows the discount yield curves as at June 2018, December 2019 and December 2020
- ▶ Between December 2019 and December 2020. The reduction in yield curve will act to increase the average premium by \$4-\$8

Reliance and limitations

- ▶ This report is a quarterly actuarial monitoring report for the 2017 CTP Scheme using data as at 31 December 2020
- ▶ This report is an actuarial monitoring report. As such, key actuarial measures and indicators are used to monitor scheme experience at an overall level, rather than supervisory measures at an operational level
- ▶ This report is used for monitoring purposes and is not an actuarial valuation report. Any key insights or trends observed in this monitoring will be used for further investigations which could result in operational insights and recommendations, or subsequent changes to valuation assumptions and/or models
- ▶ The report provides scheme monitoring results and has been provided for the sole purpose of monitoring claims experience and should not be used or relied on for any other purpose or distributed to any other party outside of SIRA without EY's prior written consent. No representation, warranty or undertaking is made or liability is accepted by EY as to the adequacy, completeness or factual accuracy of the contents of our report. In addition, we disclaim all responsibility to any party for any loss or liability that any party may suffer or incur arising from or relating to or in any way connected with the contents of the report, the provision of the report to any party or the reliance upon the report by any party
- ▶ In carrying out our work and preparing our report, EY has worked solely on the instructions of SIRA and has not taken into account the interests of any other party. Our report has been developed based on information current as of 31 December 2020 and provided to us by SIRA. Material events may have occurred since this date which are not reflected in this document
- ▶ The results of our work is limited by the availability and quality of data. The results of our work and procedures performed do not constitute an audit, a review or other form of assurance in accordance with any generally accepted auditing, review or other assurance standards, and accordingly we do not express any form of assurance.

Glossary

Term	Definition
Accident Month	Denotes the month in which the vehicle accident, giving rise to the claim, occurred.
Development Month	Denotes the time elapsed since the month in which the accident occurred and the month in which the claim is reported to insurers or SIRA.
Reporting Month	Denotes the month in which the claim is reported to either SIRA (through the online portal) or directly to an Insurer.
Early Notification	A notification of injury where a claims form for statutory benefits is not submitted however the injured party is entitled to access to treatment such as one general practitioner consultation and two treatment consultations (for example physiotherapy).
Compensation to Relatives	Claims in relation to the Compensation to Relatives Act (1897), where a financially dependent person or family member has made a claim in relation to a fatality from a motor vehicle accident.
Interstate	A claim arising from when a NSW registered vehicle has an accident in a state which is not NSW.
Statutory Benefit	A schedule of benefits prescribed in the legislation, with limits on some benefits accessed by submitting a statutory benefit claims form.
Statutory Benefit/Award of Damages	A statutory benefit claim which has also submitted a claim for damages. Also known as a 'lump sum' claim.

Glossary

Term	Definition
Award of Damages Only	A claim where only a claim for damages is made
Workers Compensation	A claim whereby the workers compensation scheme provider seeks recovery of benefits paid to not-at-fault workers injured in a motor accident during the course of employment (excluding journeys to/from work and recess journeys) from the CTP insurer of the at-fault party .
Care	Covers payments in relation care including domestic care services, personal care services, past care and future care and home and vehicle modifications.
Treatment expenses	Covers payments in relation to GPs, Specialists, Imaging, Psychology, Physiotherapy, Chiropractic, Dental, Occupational Therapy, Exercise Physiologists, Optometry, Osteopathy services, Private Hospital Services etc.
Weekly payments or Loss of Income	Covers payments in relation to loss of income (Interim Payments, Partial Incapacity, Total Incapacity and Centrelink payback).
Payment in current values	Payments in historical values inflated to current valuation date

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