

Safety Performance Dashboard

August Board meeting
Open session



KEY TRENDS

August 2020 to July 2021

DSI Trends

In the rolling 12 months to July 2021, 56 people died on Tāmaki Makaurau roads, compared to 29 at the same time last year in 2020.

In the 12 months to the end of July 2021, 556 people sustained serious injuries* on Tāmaki Makaurau roads. This is 43 more than the 12 months to the end of July 2020.

Health and Safety Reported Cases 2021

The overall number of Health and Safety reported cases has decreased compared to the previous year; albeit the number of cases being reported to the Safety team has slowly picked up over the last three months.

Lost Time Injury Numbers

Lost Time Injury (LTI) rate for Auckland Transport (AT) employees has a steadily reducing rate across the reporting period.



56 Tāmaki Makaurau road deaths August 2020 to July 2021



556 Tāmaki Makaurau roads serious injuries* in August 2020 to July 2021



273 average per month July 2020 to June 2021
342 average per month July 2020 to June 2020

281 cases reported in June 2021



Two Lost Time Injuries in July.



**Note: A high proportion of serious injuries are not reported in CAS, so are only Police reported serious injuries.*

SUMMARY OF H&S PERFORMANCE INDICATORS

for August 2020 to July 2021



Total injury frequency rate for AT Suppliers activities

The trend is stable for the total recordable injury frequency rate for AT operators and contractors.



Auckland Transport employee injuries

There is a stable and a continual reducing trend noted in the last time injury frequency rate for AT employees in the last 12 months albeit the slight increase of LTI since March.



Injuries to other persons

With the increased customer data from CRM and lowered patronage numbers over the reporting rolling 12 month period, there is an increase in customer injury frequency rates.



Monitoring and Inspection

There were 270 safety inspections carried out in June 2021 and 305 in May 2021. This is a slight decrease from the previous month but the overall trend since pre lockdown is upwards which is encouraging.



Hazard & near miss reporting

There continues to be a downward trend on the number of lead (unsafe or near miss) cases reported over the last 12 months.



Drug and alcohol (D&A) testing

There is an upward trend in the number of D&A tests being conducted in the last 12 months, despite lower numbers for reporting over the lockdown period.





OPERATOR AND CONTRACTOR INJURIES FOR AT ACTIVITIES

There is a stable trend in the Total Recordable Injury Frequency Rate reported by operators and contractors.

There were three New Zealand regulator notifications in June relating to plant/equipment and train operation.

In June the operator of an AirVac system at Avondale was harmed when his leg was sucked into the live unit. The operator was excavating using an extension pipe, when the AirVac became blocked. He placed the extension pipe on the ground and left it running to clear itself. The operator continued other work in close proximity to the still running AirVac. When the blockage cleared the operators leg was pulled into the pipe. The worker was treated at the hospital for a fractured foot and is off work for a minimum of two months. A Safety Alert was issued for air excavation operations for key learnings and further actions to mitigate the risk.

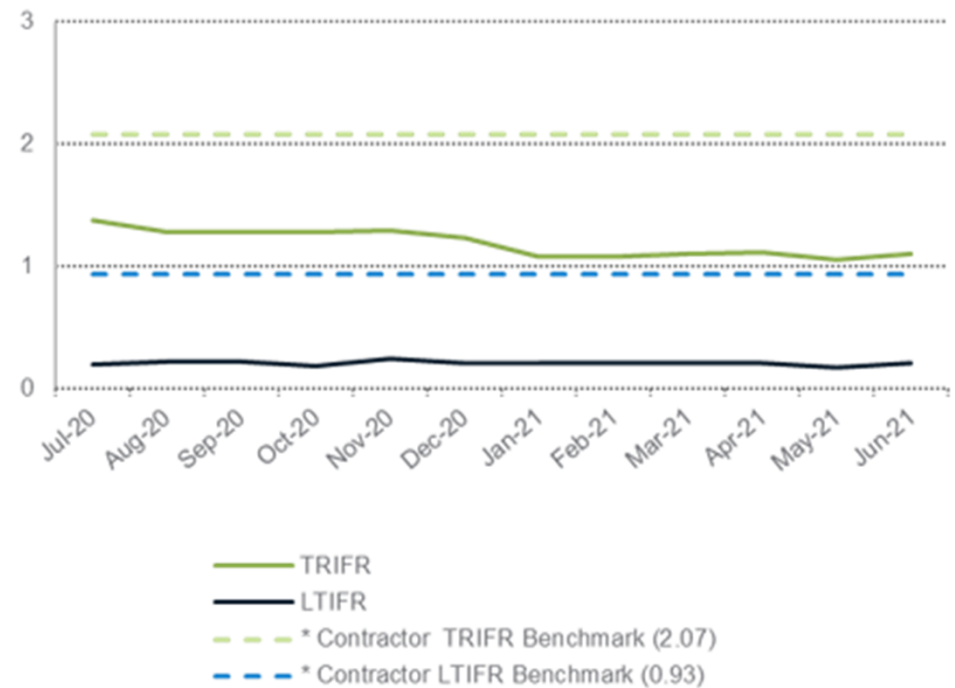
There were four other reported injuries relating to AT suppliers over the reporting period involving plant/equipment, mechanical and violence & abuse.

* Contractor frequency rate benchmarks are based on 200,000 hours worked extracted from 2019 Benchmarking Report {Business Leaders' Health & Safety Forum (Zero Harm Workplaces)}. Noting the update from 2018 to 2019 Benchmarking Report {Business Leaders' Health & Safety Forum (Zero Harm Workplaces)}.

TRIFR is the rate of recordable injuries that occur per 200,000-man hours worked.

LTIFR refers to the number of lost time injuries occurring in a workplace per 200,000-man hours worked. An LTIFR of seven, for example, shows that seven lost time injuries occur on a job site for every 200,000 man-hours worked. The formula gives a picture of how safe a workplace is for its workers.

Injury frequency rate for AT Suppliers Activities (per 200,000 Hours Worked)





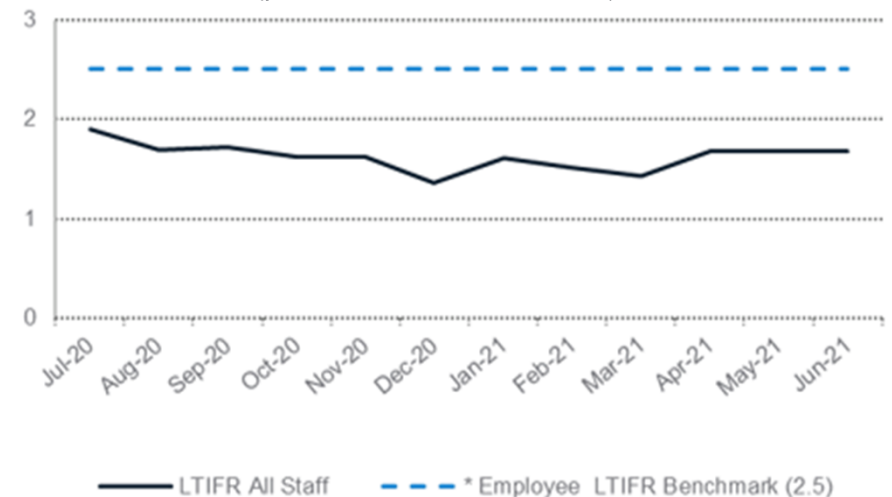
AT EMPLOYEE INJURIES

The overall trend is reducing for Lost Time Injury Frequency Rate (LTIFR) for AT employees.

There were two lost time injuries in June resulting in a total of 10 days lost time. These injuries involved compliance officers in Parking Services and were slip, trip and fall injuries.

- A Parking Officer sustained a lower leg injury while chalking a tyre in a car park. He slipped over on wet fallen leaves and fell between the cars and landed on his knees on a timber bollard. He visited his GP and was advised that he would be unfit for work for seven days. He has subsequently returned to work.
- A Transport Officer slipped on wet concrete and hurt his pelvic muscle while crossing a train platform on a wet day. He visited his GP and was advised that he would be unfit for work for three days as he had a lumbar and thoracic sprain. An investigation into this incident is underway – to ensure that as far as is reasonably practicable we prevent an incident like this from occurring in the future.

Injury frequency rate for all AT staff
(per 200,000 Hours Worked)



* Employees frequency rate benchmarks are based on 200,000 hours worked extracted from 2019 Benchmarking Report {Business Leaders' Health & Safety Forum (Zero Harm Workplaces)}.





INJURIES TO OTHER PERSONS (CUSTOMERS & GENERAL PUBLIC)

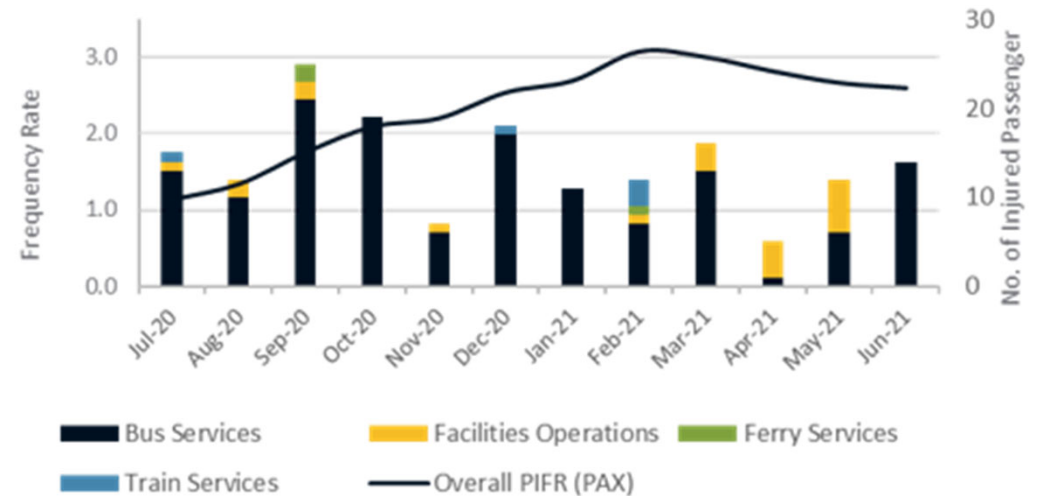
Reported injuries to customers and the general public has increased.

There was a total of 14 reported injuries involving bus operations in June. The majority of these were slip, trip and fall injuries and injuries associated with hard or sudden braking to avoid a collision with a car.

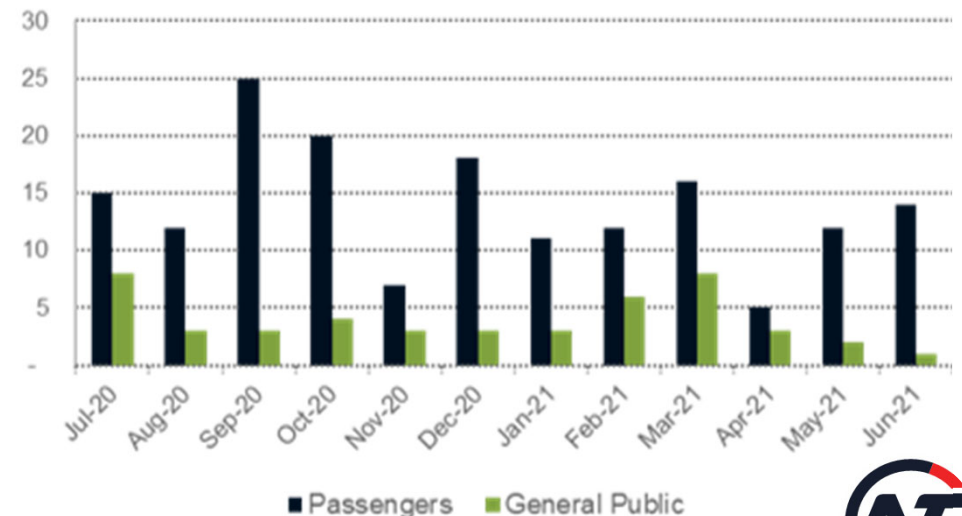
Customer injuries recorded in the CRM system have been included in the reported figures since March 2020. With the increased customer data from CRM and lowered patronage numbers over the reporting rolling 12 month period, there is an increase in customer injury frequency rates.

Where possible, contact has been made to follow up on the welfare of the individuals concerned.

PT Customer injury frequency rate (per 1,000,000 PAX trips YTD)



Injuries to other persons due to AT activities





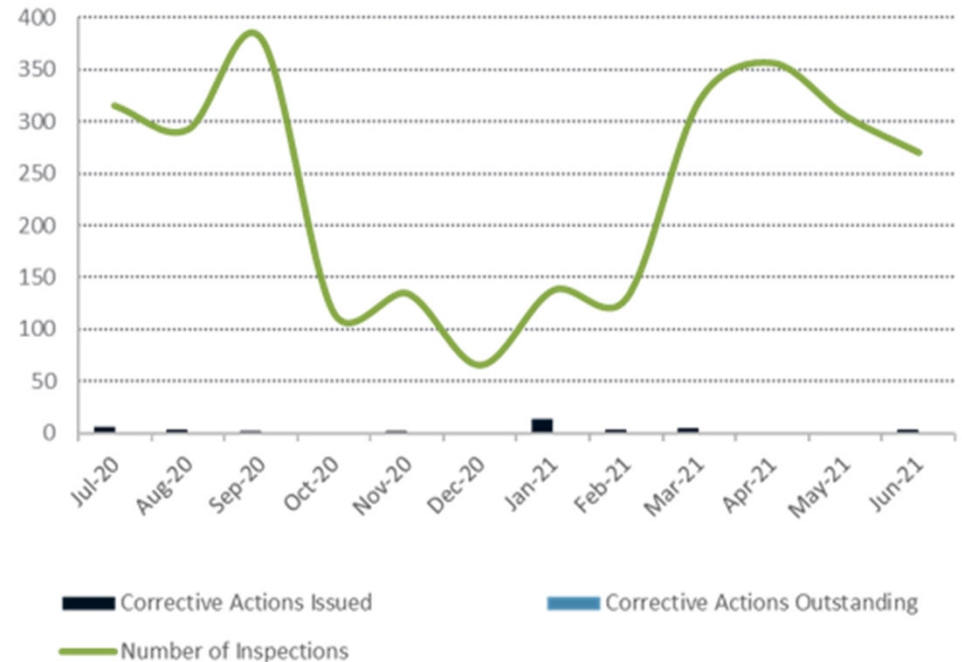
MONITORING AND INSPECTION

H&S Monitoring and Inspections (physical works)

270 safety inspections were conducted during June 2021. This is a slight reduction from the 305 recorded in May 2021. Of the inspections, 92 were carried out by public transport operators with the remaining 178 being conducted on physical works sites.

Of the four minor corrective actions that were raised by project managers, all were resolved by the contractor either immediately or within 30 days of being raised. No major corrective actions were raised in June 2021. The minor corrective actions included such matters as updating of test and tag of electrical equipment, measurement of noise levels for night works, consistent use of dust masks in dusty environments and the placement of fire fighting equipment within easy reach.

H&S inspection and monitoring





NEAR MISS, UNSAFE BEHAVIOUR/ CONDITION REPORTING

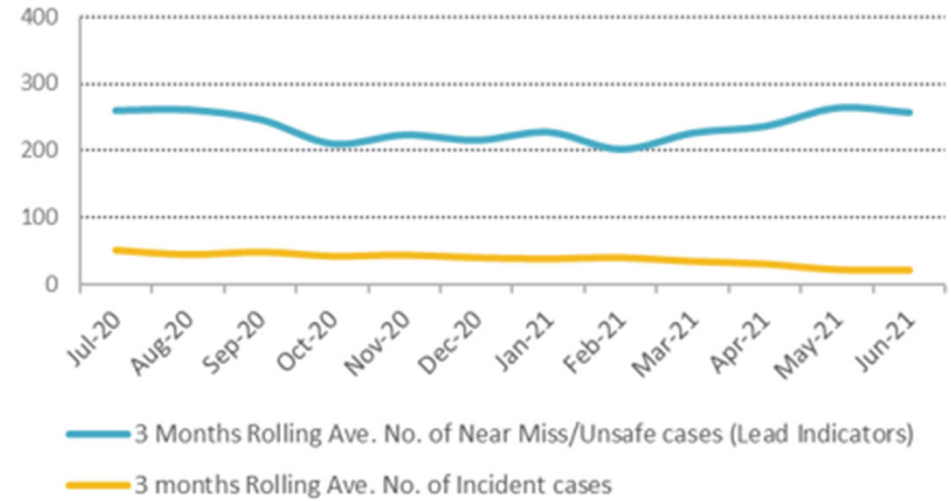
Near Miss, Unsafe Behaviour/Condition Reporting

While 80% of the total Health and Safety events reported over the last month were near-miss or unsafe behaviour/condition events, there has been a continued downward trend in near-miss reporting from external workers since October 2019.

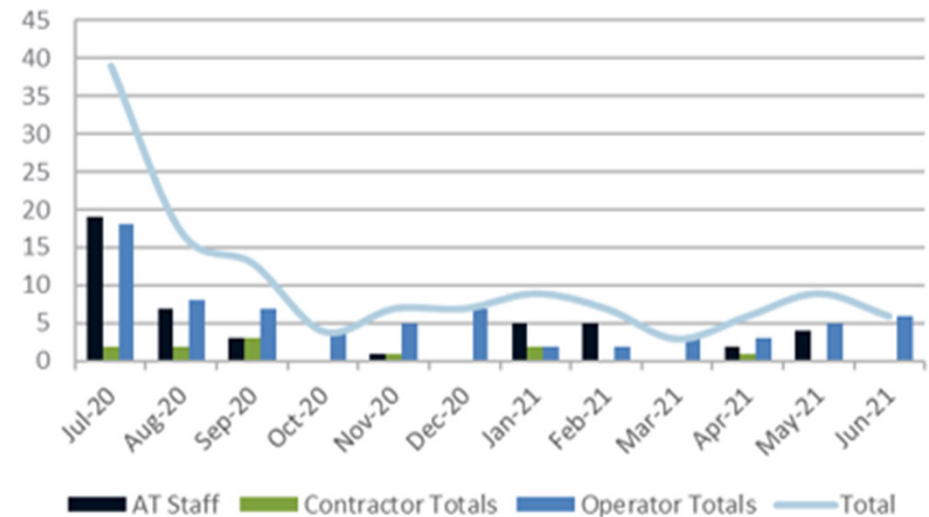
In response to this concern, AT have re-engaged stakeholders in a change management project for the H&S incident management and reporting tool upgrade in July 2021, to the latest version. This will remove the current browser limitations around usage and adoption of the tool across AT employees and external partners.

Further improvements were identified from the project and a second phase of project will require a significant change and communication strategy for effective relaunching of the tool for both AT internal and external users.

AT events reported last 12 months



Near Miss reporting by activity area



DRUG AND ALCOHOL TESTING

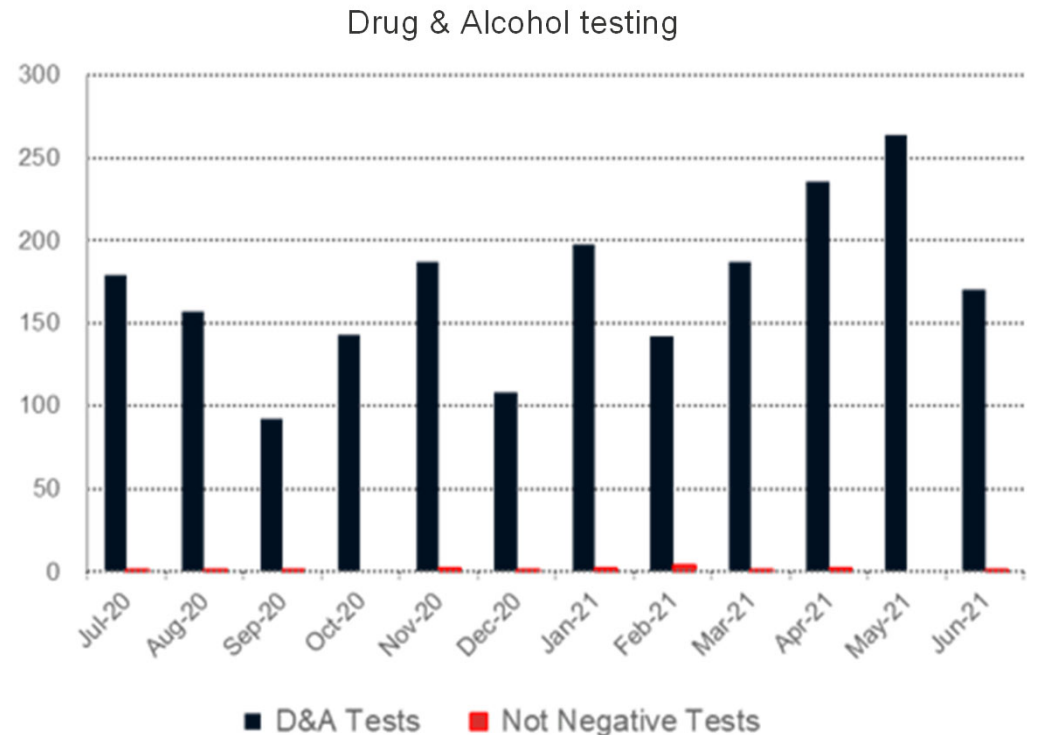
Drug and alcohol testing

Drug and alcohol testing is performed by contractors and operators including tests for 'reasonable cause' and post incident.

There is an upward trend for the drug and alcohol testing numbers (contractors and operators) since the lockdown period in April 2020; albeit a decreased number of drug and alcohol testing in June.

There was a total of 170 tests completed for external workers with one "not negative" random tests reported as part of contract key performance indicators for June 2021. The workers with "not negative" results were stood down pending further testing.

With the recruitment and hiring for sensitive roles impacted over the lockdown period, there has been two pre-employment tests in May 2021. There were a total of 24 pre-employment tests for AT staff (in safety-sensitive roles) performed with zero "not negative" results in the last 12 months.





TĀMAKI MAKAURAU ROAD DEATHS BY TRAVEL MODES

Tāmaki Makaurau Road Deaths By Travel Modes

In the 12 months to the end of July 2021, 56 people had lost their lives on Tāmaki Makaurau roads compared to 29 for the same time period in 2020. Since September 2020, the number of people being killed on our roads is showing an upward trend.

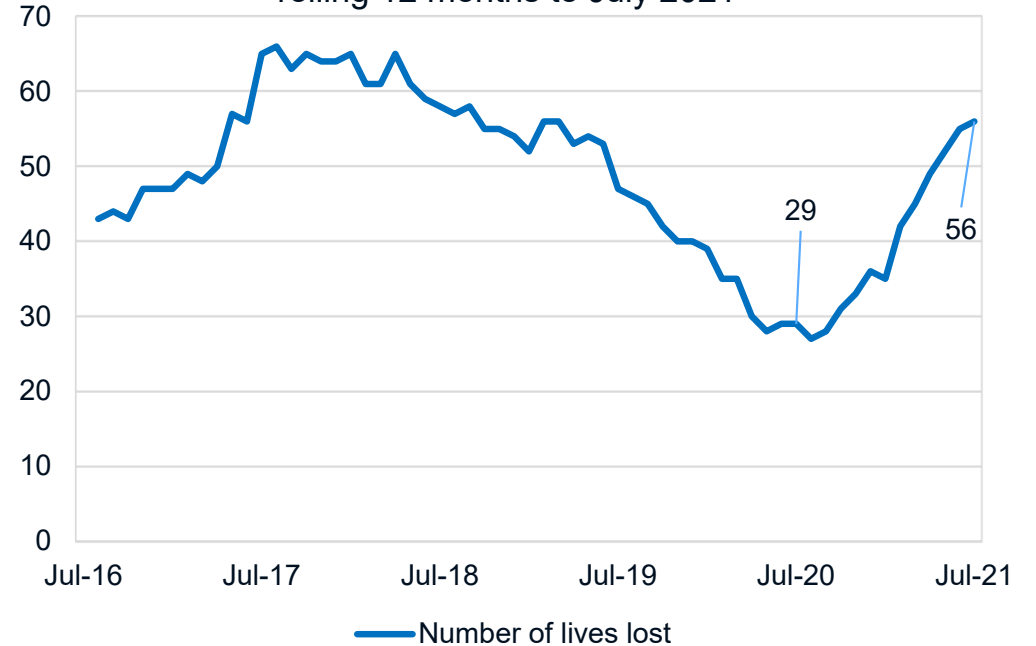
January to July 2021, 37 people have been killed so far on Tāmaki Makaurau roads, 20 more than the same time period in 2020, which was affected by Covid 19.

Three people died in the month of July 2021, two passengers and a driver.

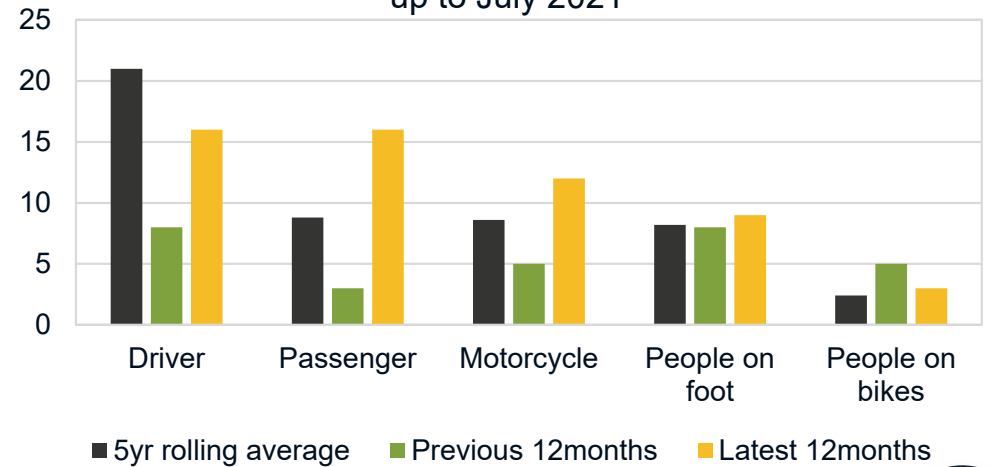
In the rolling 12 months to date, passenger, motorcycle, people on foot, and people on bikes deaths are higher than the five year averages (by seven, three, one and one respectively).

* Vulnerable road users include: Motorcyclists, people on foot and people on bikes

Number of lives lost on Tāmaki Makaurau roads rolling 12 months to July 2021



Number of lives lost by mode of travel up to July 2021



Figures sourced from the Ministry of Transport official road death count



TĀMAKI MAKAURAU ROAD SERIOUS INJURIES BY TRAVEL MODES

Tāmaki Makaurau Road Serious Injuries* By Travel Modes

In the 12 months to the end of July 2021, 556 people sustained serious injuries on Tāmaki Makaurau roads compared to 513 in the 12 months to the end of July 2020, however over the last few months this seems to be trending upwards.

The number of serious injuries sustained by inside vehicle occupants is slightly higher than our more vulnerable road users* (247 as opposed to 228).

Over the 12 months to the end of July 2021 the number of passengers seriously injured increased by 3%, the number of people on foot seriously injured increased by 19% and the number of people on bikes seriously injured increased by 24% compared to the same time in 2020.

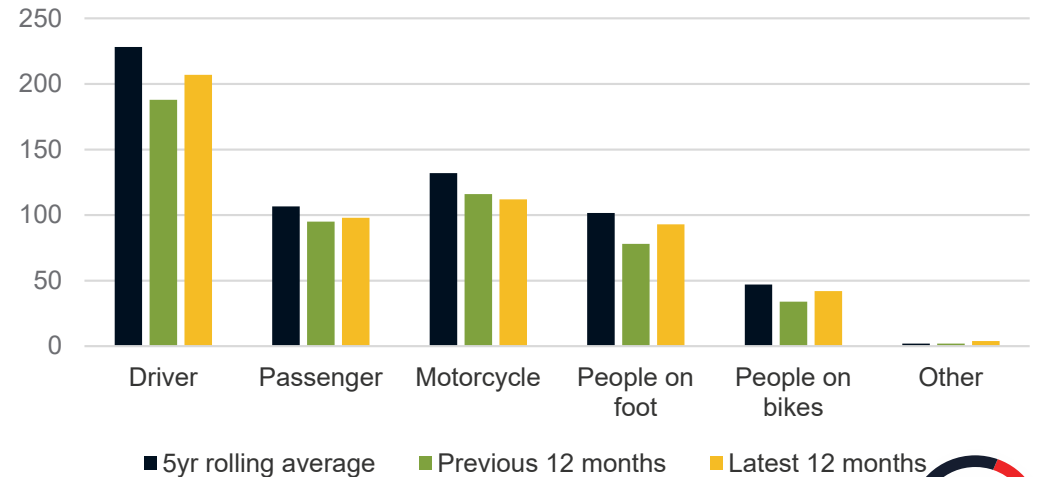
*Note: Police reported serious injuries only as a high proportion of serious injuries are not reported in CAS. Vulnerable road users include: Motorcyclists, people on foot and people on bikes

Number of people seriously injured on Tāmaki Makaurau roads rolling 12 months July 2021



Dotted line is representative of provisional serious injury figures for the months of May, June and July 2021 due to the 3 month lag in the Crash Analysis System (CAS)

Number of people seriously injured by mode of travel up to July 2021



Please note that there is a three-month delay for serious injury information from Waka Kotahi NZ Transport Agency Crash Analysis System (CAS), and that monthly figures can vary over time due to Police investigation outcomes and reporting timelines.

