

WEEKLY COVID-19 TRANSPORT SECTOR KEY INDICATORS – 29 June 2020

The transport dashboard contains primarily key lag indicators. Therefore, the impact of COVID-19 may not necessarily be evident immediately in the graphs. This will be updated weekly and will focus on those indicators (or components of indicators) showing an increase or decrease, when compared to the previous year. The transport dashboard is supplementary to indicators captured in other COVID-19 dashboards, such as economic indicators.

Public Transport

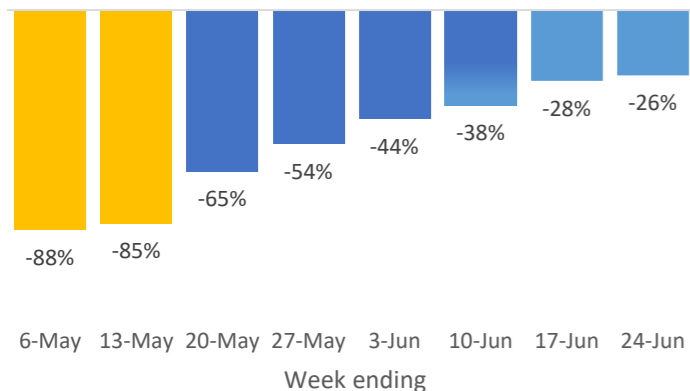
Summary of impacts to the transport system:

- Comparisons to 2019** – The week ending 26 April 2019 had **two public holidays** (Easter Monday and Anzac Day) and the week ending 7 June 2020 was the **Queen's Birthday**. This resulted in a significant change in travel patterns for those weeks (e.g. fewer people travelling for work, fewer services operating).
- Public transport** – For the week ending 24 June, combined bus patronage for Auckland, Wellington and Christchurch **decreased 26%** compared to the equivalent week last year, but **decreased 2%** compared to the previous week this year (17 June 2020). Auckland train patronage **decreased 35%** compared to the equivalent week last year and **decreased 4%** compared to the previous week. Auckland ferry patronage **decreased 23%** in the week ending 3 June compared to the equivalent week last year and **decreased 3%** compared to the previous week.
- Road traffic** – For the week ending 22 June, average speeds continue to be higher compared to the equivalent week last year for Auckland, implying a **reduction** in road traffic levels. For Christchurch and Queenstown, average speeds are lower compared to last year, implying an increase in traffic levels. Traffic count data for the week ending 24 June supports this as Auckland and Wellington still have significantly lower traffic counts compared to last year. Traffic counts for Christchurch are not included in today's dashboard due to a lack of available data.
- Air travel** – For the week ending 24 June, international passenger arrivals **decreased 98%** compared to the equivalent week last year. There was an **increase of 33%** compared to the previous week's (ending 17 June) international arrivals.
- Rail freight** – For the week ending 21 June, KiwiRail's freight **decreased 10%** compared to the equivalent week last year and **decreased 11%** compared to the previous week this year.
- Heavy vehicle travel** – As of 24 June the total distance heavy vehicles travelled has **decreased 1%** compared to 17 June, and visits by heavy vehicles to ports has **decreased 4%** on average.
- Cook Strait** – For the week ending 24 June 2020, truck boardings on the Interislander **increased 1%** compared to the previous week (ending 17 June) and passenger boardings **increased 6%** compared to the previous week.
- Imports and Exports: Sea** – Imports **decreased 9%** and exports **decreased 9%** in May 2020 compared to May 2019. Fish exports continued to be lower than previous years in May 2020. May data is still incomplete and April data lags have now been corrected.
- Motor Vehicle Registrations** – New and NZ-new registrations for the week ending the 10th of June increased to around 8% of the equivalent week in 2019. The ratio of EV to fossil-fuelled vehicle registrations decreased to below 60% of the equivalent ratio in 2019.
- Road fatalities** – There has been **18** road deaths from **16** fatal crashes so far for Level 1 that began at Tuesday 9 June. During Level 4 (2359 hours Wednesday 25 March to 2359 Monday 27 April) there were **12** road deaths from **12** fatal crashes; during Level 3 (2359 Monday 27 April to 2359 Wednesday 13 May) there were **7** road deaths from **7** fatal crashes; and during Level 2 (2359 Wednesday 13 May to midnight Monday 8 June) there were **25** road deaths from **23** fatal crashes. As at midnight 28 June there were **142** road fatalities year to date, this is **48** fewer road fatalities than the same time last year.
- Self-reported behaviours and attitudes** – Over the last twelve weeks, attitudinal surveys were conducted as part of Waka Kotahi's Sector Research Programme:
 - Under Alert Level 1 most modes of transportation (walking, train, ferry, taxi, car and motorcycle) are seeing usage similar to their pre-Covid behaviour. However, this is not the case for some modes of transportation (cycle, bus and plane) which are still being used at levels significantly lower than they were pre-Covid.
 - Of all respondents who reported reduced use of public transport, only **8%** said this was because reduced services meant it was no longer convenient (down from **11-18%** during Alert Levels 4, 3, and 2). However, only **9%** said this was because they were using essential journeys as an opportunity for exercise instead (coincidentally also down from **11-18%** during Alert Levels 4, 3, and 2).
 - During Alert Level 1 only **8%** of respondents said they cannot easily get where they need to go (down from **10-16%** during Alert Levels 4, 3, and 2).
 - During Alert Level 1 only **5%** of respondents said they did not leave their house for any reason (down from **8-17%** during Alert Levels 4, 3, and 2).

Public Transport (Bus) Patronage

(Only for Auckland, Wellington & Christchurch - vs equivalent week in 2019)

No alert level : Level 1 : Level 2 : Level 3 : Level 4



Change in public transport (bus) patronage week ending 24 June 2020 compared to last week (17 June 2020)

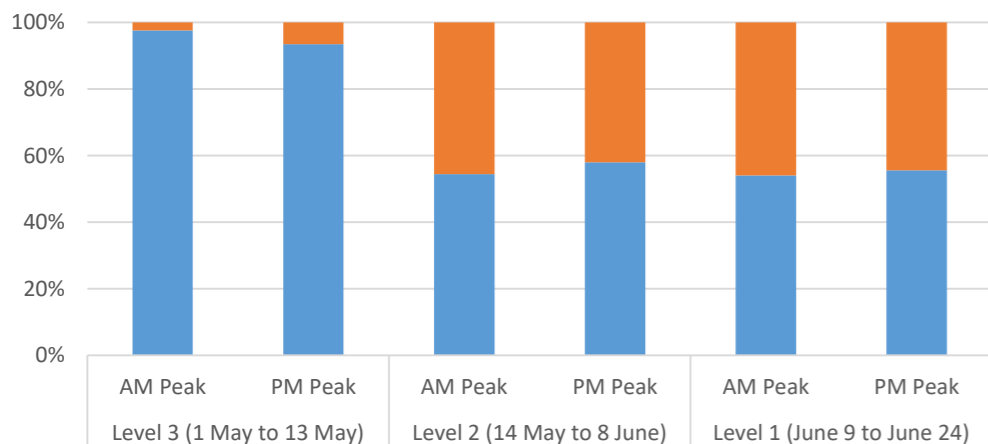


Source: Auckland Transport, Environment Canterbury, Greater Wellington & Waka Kotahi

Average bus patronage by peak time and proportion of users

For Wellington and Canterbury where AM peak is 6am-9am and PM Peak is 3pm-6pm

Adult Child

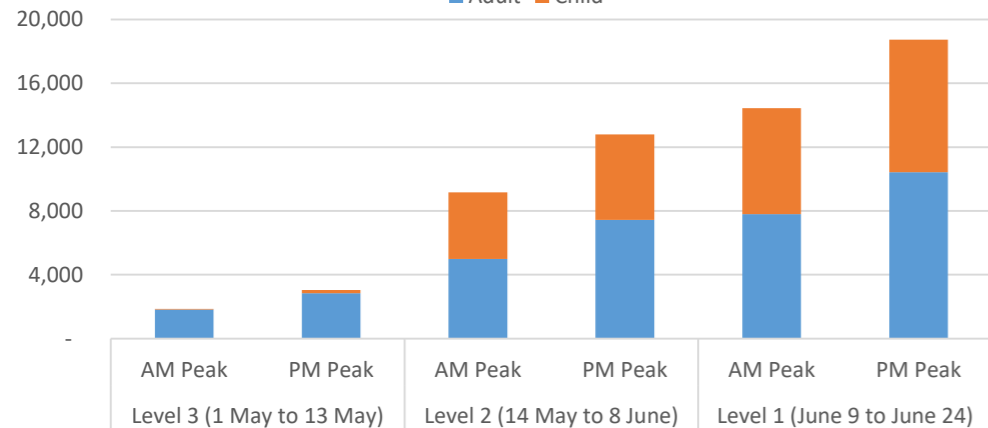


Source: Environment Canterbury, Greater Wellington & Waka Kotahi

Average bus patronage by peak time and user

For Wellington and Canterbury where AM peak is 6am-9am and PM Peak is 3pm-6pm

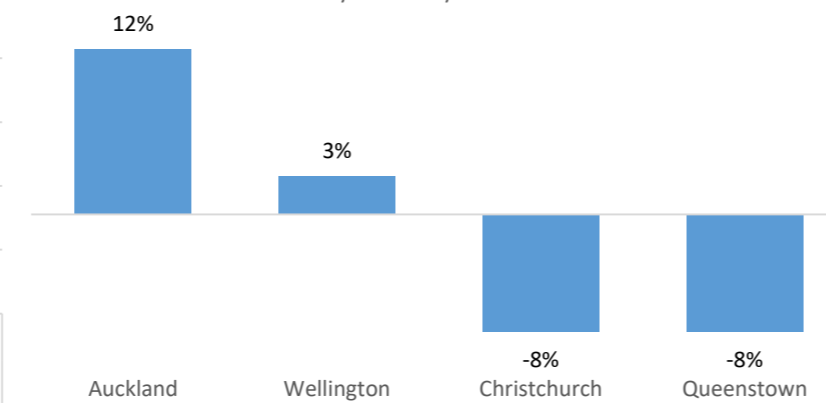
Adult Child



Road Traffic and Speed

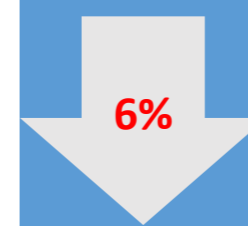
Change in speed of Traffic Flowing Through Urban Areas

The change in the average travel speeds as of 22 June compared to same week last year for key urban areas.



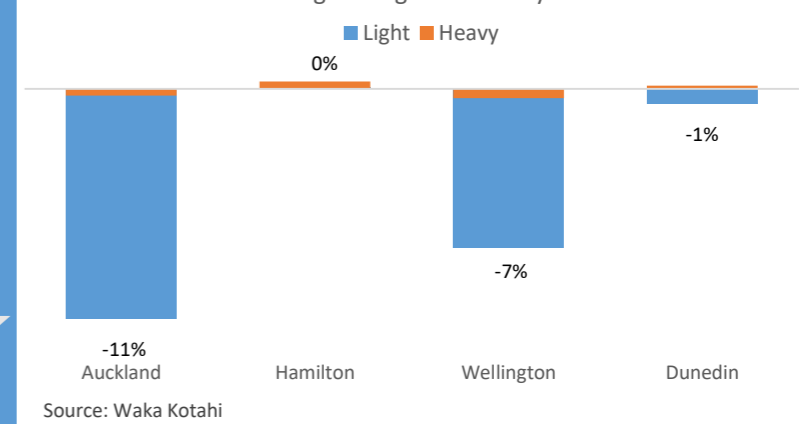
Source: Waka Kotahi

Change in average speeds for week ending 22 June compared to previous week (15 June 2020)



Total traffic count flowing through key urban areas

Week ending 24 June compared to same week last year. Labels refer to total change for light and heavy vehicles



Source: Waka Kotahi

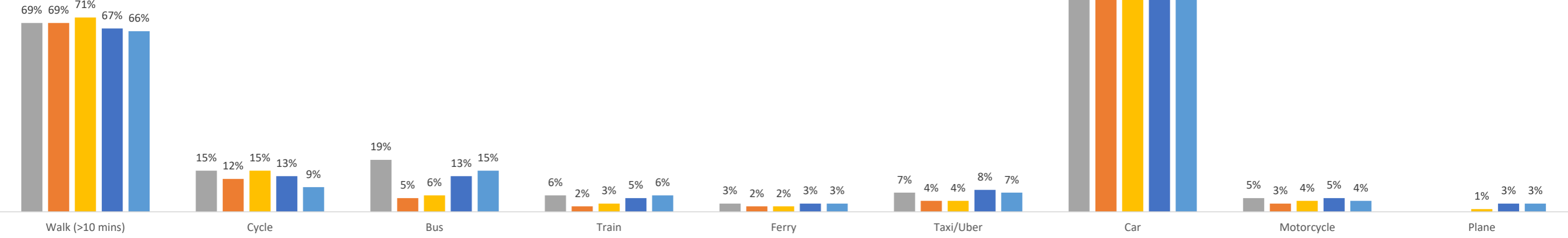
Change in overall traffic counts for week ending 24 June compared to previous week (17 June 2020)



Attitudinal survey results

Mode usage by % of respondents

■ Usual (pre-Covid) ■ Level 4 ■ Level 3 ■ Level 2 ■ Level 1

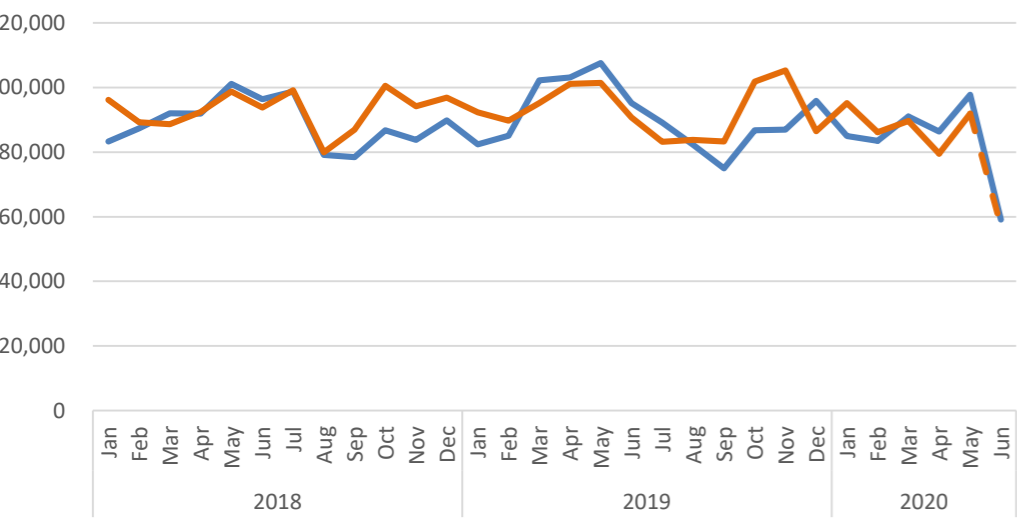


Source: Waka Kotahi Sector Research Programme

Imports and Exports - Sea

Imports & Exports - Containers (TEU)

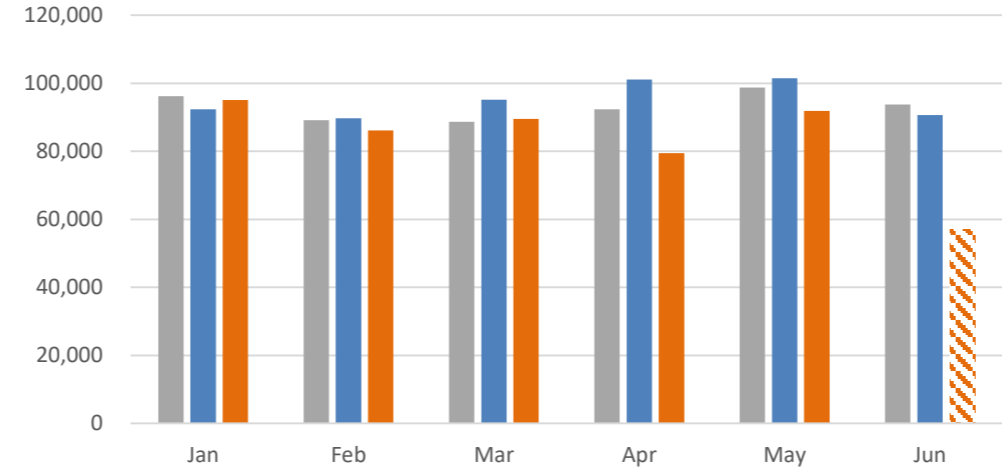
— Export — Import



Source: Ministry of Transport

Imports - Containers (TEU)

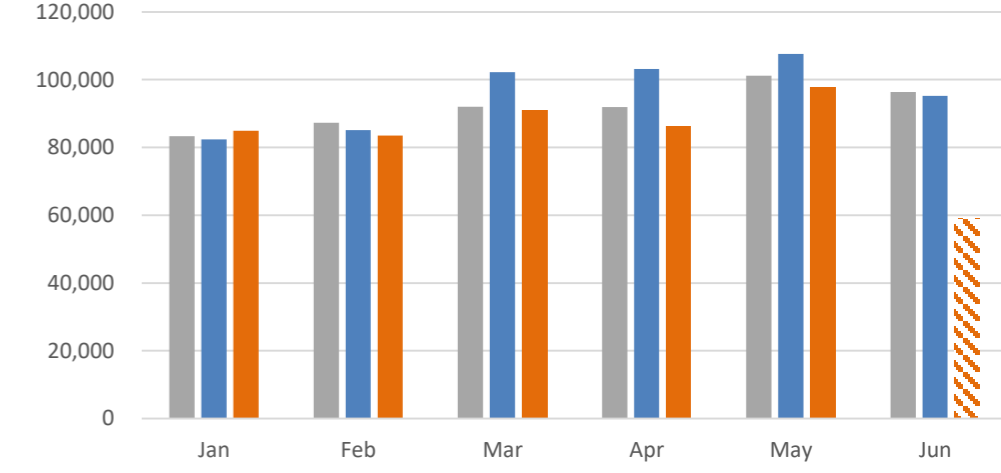
■ 2018 ■ 2019 ■ 2020



Source: Ministry of Transport

Exports - Containers (TEU)

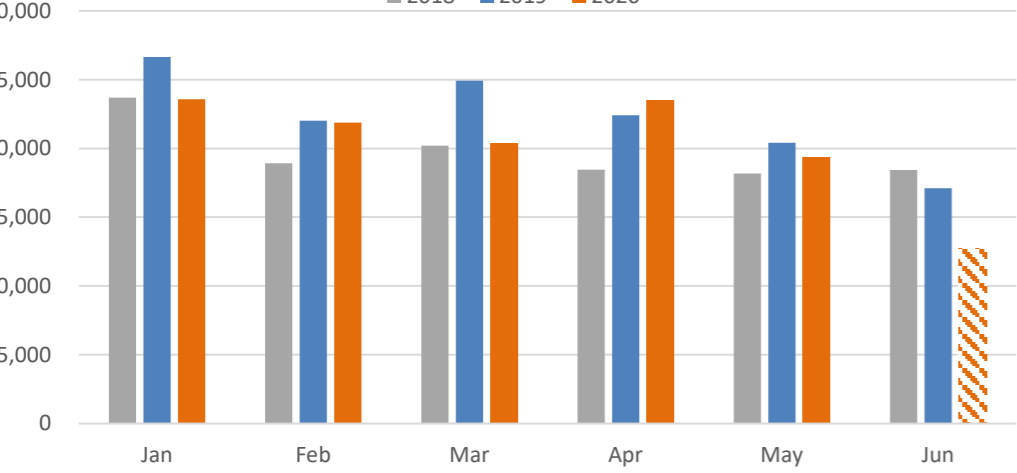
■ 2018 ■ 2019 ■ 2020



Source: Ministry of Transport

Dairy Exports - Containers (TEU)

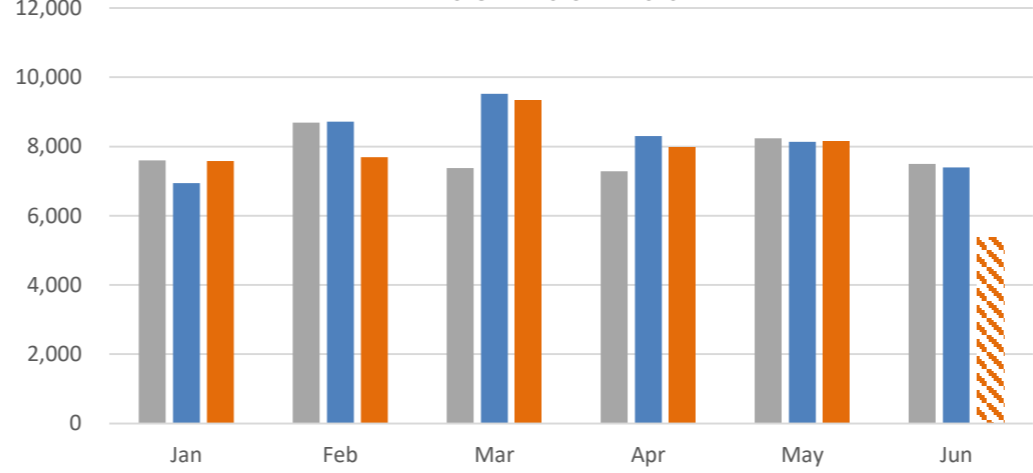
■ 2018 ■ 2019 ■ 2020



Source: Ministry of Transport

Meat Exports - Containers (TEU)

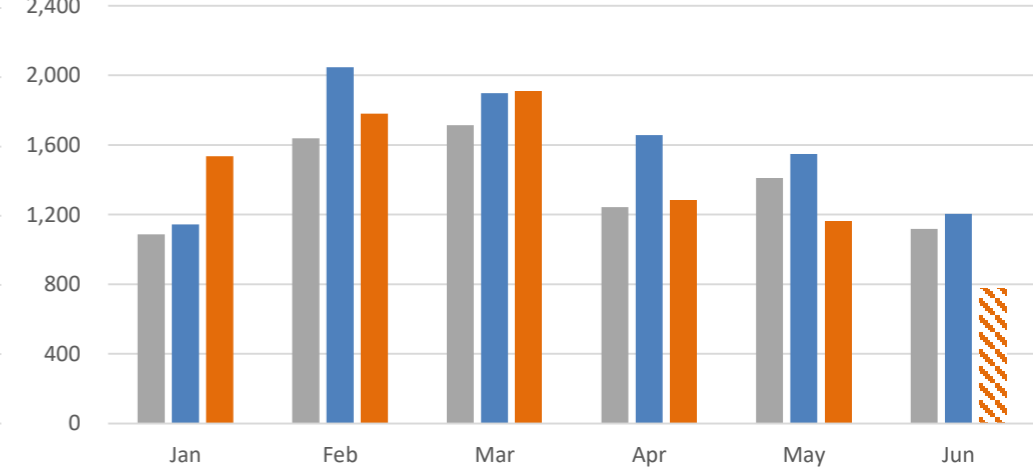
■ 2018 ■ 2019 ■ 2020



Source: Ministry of Transport

Fish Exports - Containers (TEU)

■ 2018 ■ 2019 ■ 2020



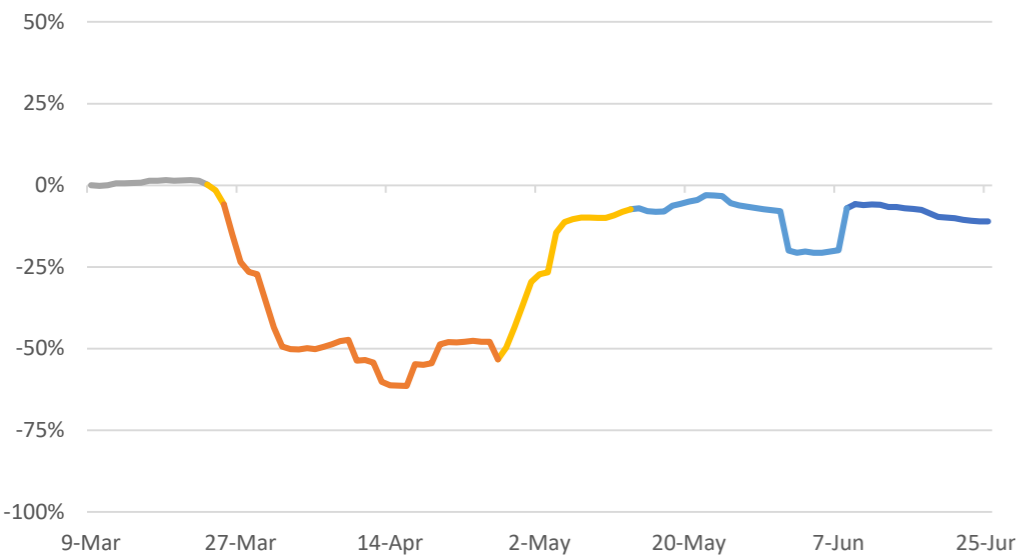
Source: Ministry of Transport

Heavy vehicle travel

Daily distance change for heavy vehicles

compared to 9 March 2020

No alert level : Level 1 : Level 2 : Level 3 : Level 4

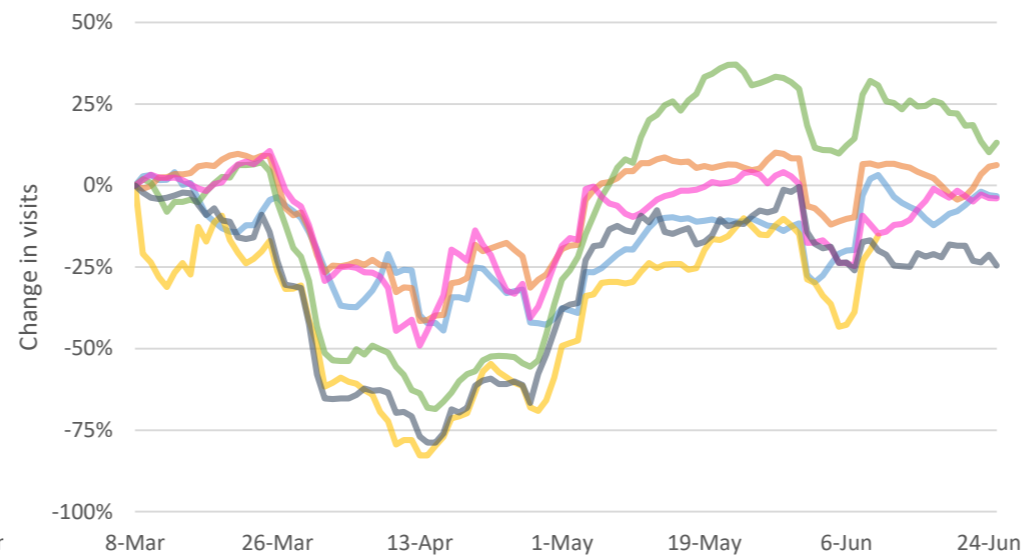


Source: EROAD

Daily heavy vehicle visits to ports

compared to 9 March

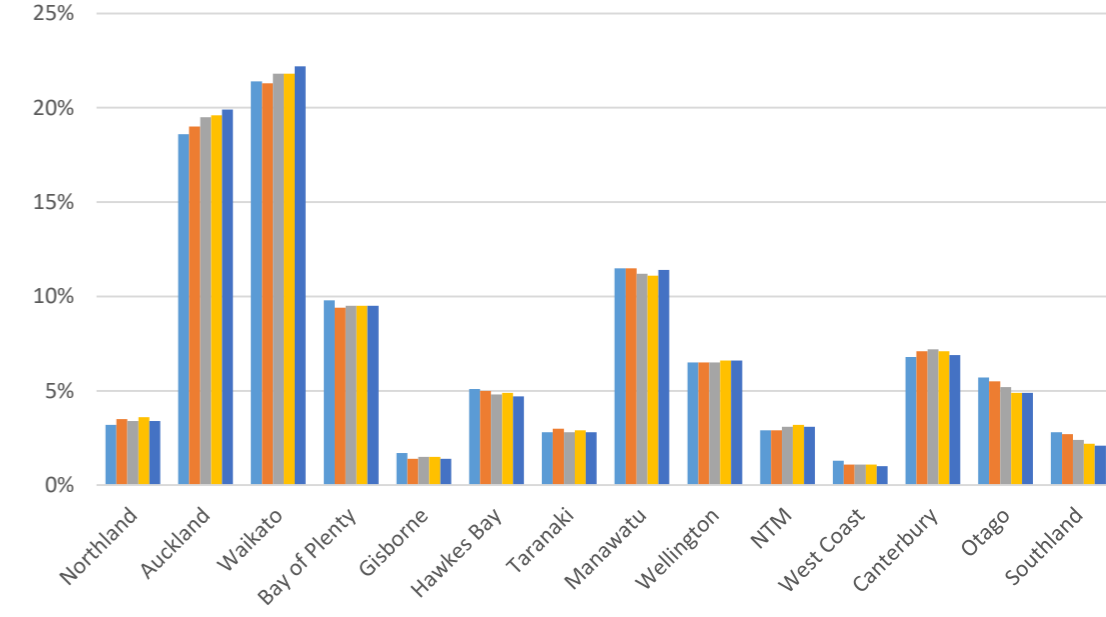
Auckland Tauranga Taranaki Picton Lyttleton Bluff



Source: EROAD

Proportion of interregional travel

w/c 2nd March 21-28 days ago 14-21 days ago 7-14 days ago 0-7 days ago

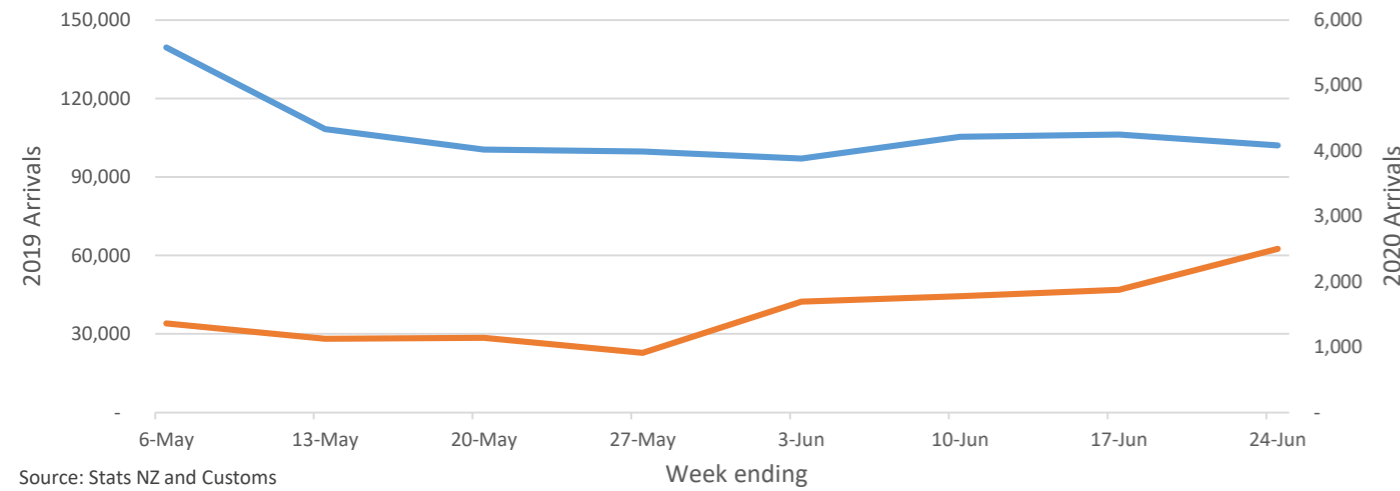


Source: EROAD

Air Travel

International passenger arrivals

2019 2020



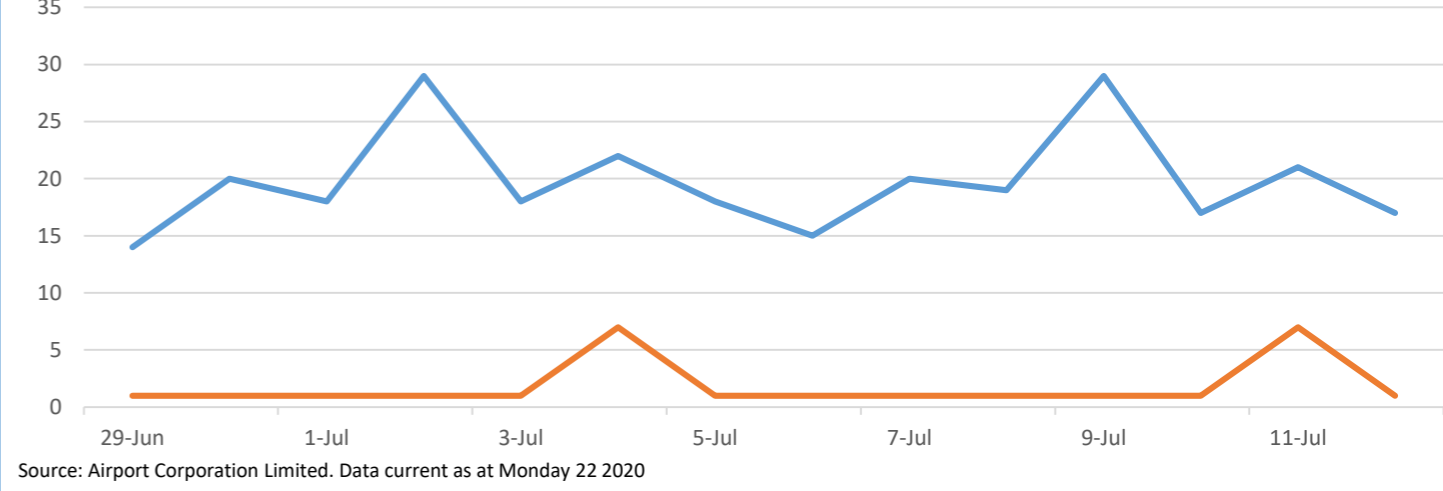
Source: Stats NZ and Customs

Change in international arrivals for the week ending 24 June compared to last week (17 June 2020)

33%

International Scheduled Flight Arrivals

Auckland forecast Christchurch

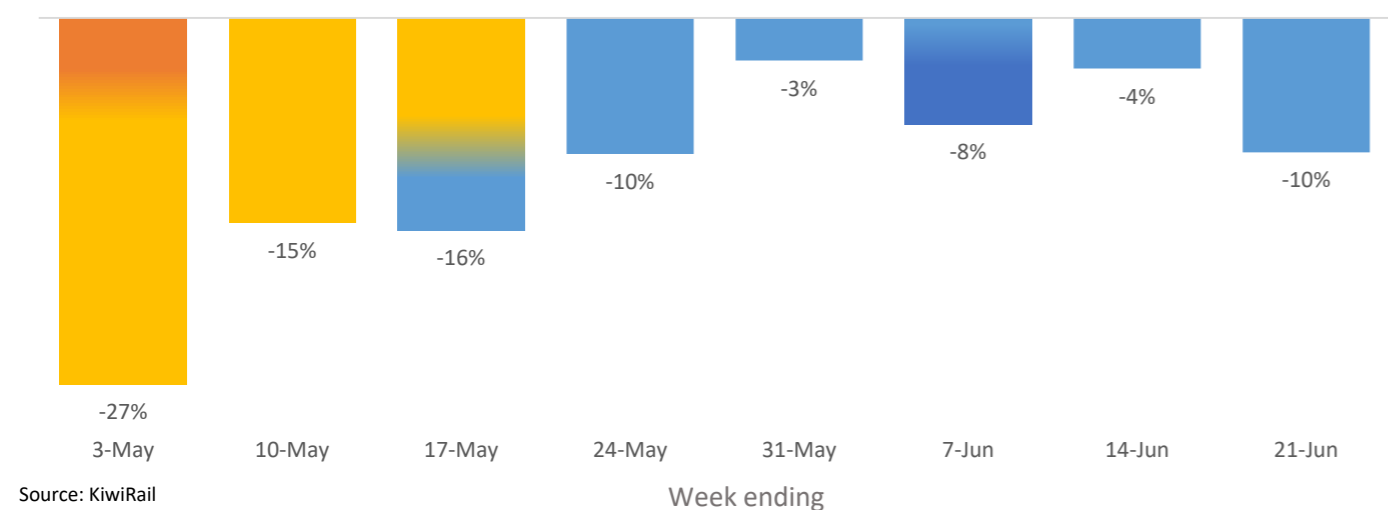


Source: Airport Corporation Limited. Data current as at Monday 22 2020

Rail Freight

Change in rail freight compared to same week last year

No alert level : Level 1 : Level 2 : Level 3 : Level 4



Source: KiwiRail

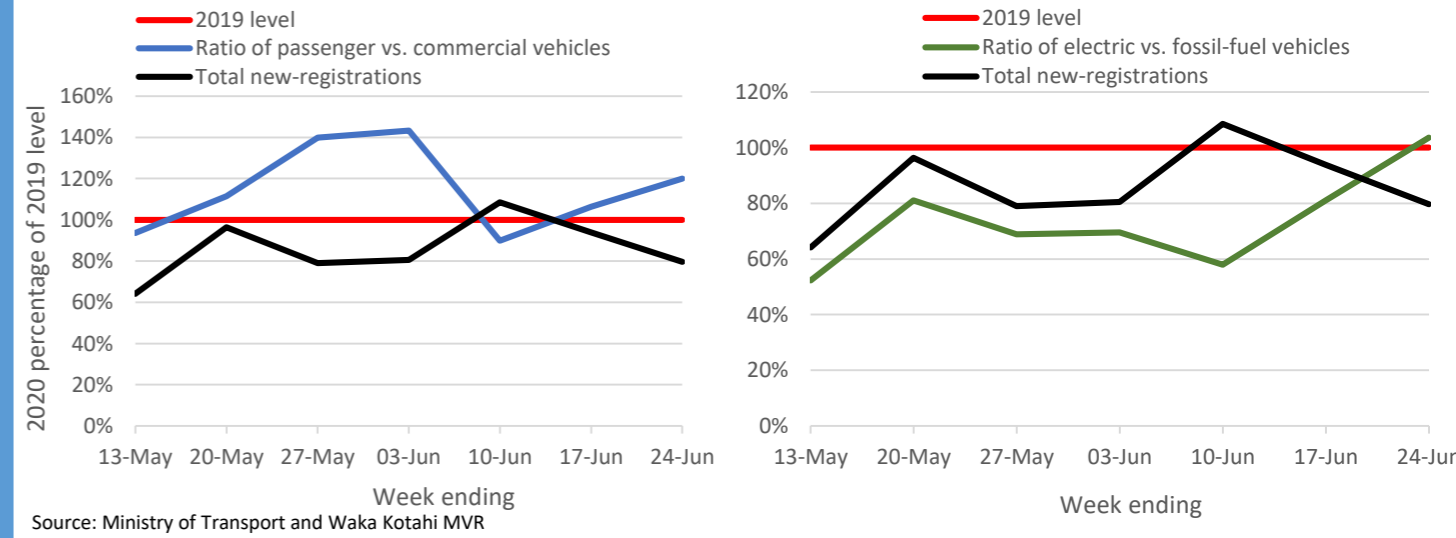
Rail freight compared to last week (14 June 2020)

11%

Motor Vehicle Registrations

Weekly new light-vehicle registrations (new & used imports)

2020 values indexed to 2019 values



Source: Ministry of Transport and Waka Kotahi MVR

Key events:

- **28 February 2020** – First case of COVID-19 in NZ.
- **16 March 2020** – The New Zealand Government has announced temporary restrictions on travellers arriving in New Zealand from mainland China or Iran as a precautionary measure to protect against the spread of COVID-19. The restrictions prevent foreign nationals travelling from or transiting through mainland China or Iran from entering New Zealand. Cruise ships banned from entering until at least 30 June 2020.
- **20 March 2020** – The New Zealand border is closed to anyone who is not a New Zealand citizen or permanent resident.
- **21 March 2020** – Government announces COVID-19 alert system, and the country is initially set at Alert Level 2.
- **23 March** – Government moves country to Alert Level 3. Surge in demand for domestic air and inter-island services.
- **25 March** – A State of National Emergency is declared. At 11.59pm the country moves to Alert Level 4 and will remain at this level for at least four weeks.
- **26 March** – Public transport becomes free but can only be used by essential workers or for essential trips. Shared e-scooter services suspended.
- **27 March** – Domestic air travel and Cook Strait passenger services restricted to essential workers only.
- **3 April** – Foreign nationals returning home will be deemed “essential travel” and will be allowed to travel domestically (by air or land). Foreign governments can arrange charter flights to repatriate their citizens currently in New Zealand.
- **10 April** – Every Kiwi boarding a flight to return home will have to go into mandatory quarantine for 14 days, at least. This requirement, in a government facility, is a prerequisite for anyone entering the country.
- **16 April** – To support the movement of essential freight, non-essential freight that is already in the transport system can now be distributed and received, including de-vanning and delivery to businesses and customers. All freight can also enter and leave the country. The intention of the refinement is to clear the system so essential freight can move as freely as possible. This does not change the restrictions on non-essential businesses, who remain unable to trade under Alert Level 4, except to receive goods.
- **27 April 11.59pm** – New Zealand moves country to Alert Level 3.
- **13 May 11.59pm** – New Zealand moves to Alert Level 2.
- **8 May 11:59pm** – New Zealand moves to Alert Level 1, with no social distancing requirements on public transport.

Data enquiries:

Please refer all enquiries relating to ACL data to the Ministry of Transport in the first instance. For all other enquiries, please contact data source organisation relating to data used to generate graphs in this dashboard. Please note: We are not responsible for the quality or accuracy of data from external sources.

Ministry of Transport Freight Information Gathering System (FIGS) data presented in the graphs in this dashboard are provisional only. This data can be found within a detailed quarterly update that will be published on the ministry website: <https://www.transport.govt.nz/mot-resources/freight-resources/figs/>