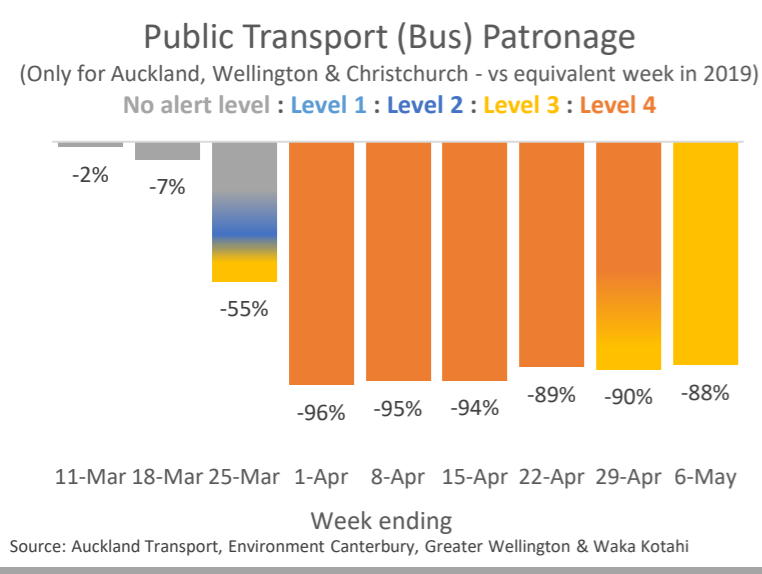


WEEKLY COVID-19 TRANSPORT SECTOR KEY INDICATORS - 11 May 2020

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



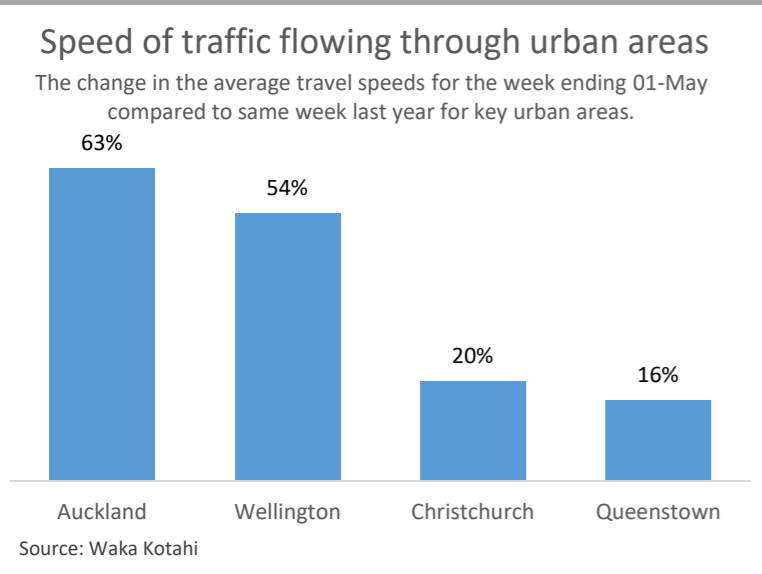
Decrease in public transport (bus) patronage week ending 6 May 2020 compared with 2019

88%

Summary of impacts to the transport system:

- Comparisons to 2019** – The week beginning 22 April 2019 had **two public holidays** (Easter Monday and Anzac Day). This resulted in a significant change in travel patterns for that week (fewer people travelling for work, fewer services operating. This will be reflected in many of the graphs in this dashboard and some may show **different trends** from previous dashboards as a result.
- Public transport** – For the week ending 6 May, combined bus patronage for Auckland, Wellington and Christchurch **decreased 88%** compared to the equivalent week last year, but **increased 45%** compared to last week *this year*. Likewise, Auckland train and ferry patronage **decreased 91%** and **decreased 97%** respectively in the week ending 6 May compared to the equivalent week last year, but **increased 99%** and **increased 80%** respectively compared to last week *this year*.
- Road traffic** – For the week ending 1 May, average speeds continue to be higher compared to the equivalent week last year for all four key urban areas, implying a **reduction** in traffic levels, however the difference is not as significant as previous weeks due to the shift to level 3. Traffic count data supports this.
- Air travel** – For the week ending 3 May, international passenger arrivals **decreased 99%** compared to the equivalent week last year. However, this was an **increase of 15%** compared to last week's (ending 26 April) arrivals.
- Rail freight** – For the week ending 3 May, KiwiRail's freight **increased 28%** compared to the equivalent week last year and **increased 29%** compared to last week.
- Heavy vehicle travel** – As of 6 May 2020 the total distance heavy vehicles travel has **increased 58%** compared to 29 April 2020, and visits by heavy vehicles to ports has on average **increased 63%** compared to 29 April 2020. There have been marginal changes to regional proportions of travel over the last week (ending 7 May).
- Cook Strait** – For the week ending 3 May 2020, truck boardings on the Interislander **increased 47%** compared to last week (ending 26 April) and passenger boardings **increased 203% (507 passengers to 1,535)** compared to last week.
- Imports and Exports: Sea** – There has been reduction in both imports (38%) and exports (32%) in April 2020 compared to April 2019. Fish exports have significantly reduced in April 2020. May data is still incomplete and April data is subject to some change due to time lags in data.
- Motor Vehicle Registrations** – New Zealand vehicle registrations for the week ending the 6th of May increased to **just under 80%** compared to the equivalent week last year.
- Fuel sales** – For the week ending 5 April compared to the weekly average pre-lockdown, retail petrol and diesel sales **decreased 80%**, similar to the traffic count change. Fuel sales at truckstops (for heavy vehicles) **decreased 54%** and jet fuel sales **decreased 83%**. However, marine fuel sales only **decreased 39%** and compared to the previous week (ending 29 March) had **increased 82%** in contrast to the other fuels whose sales have decreased compared to the same week.
- Road fatalities** – Since the Level 4 lockdown began at 2359 hours Wednesday 25 March and level 3 began at 2359 Monday 27 April– there have been **20** road fatalities from **20** fatal crashes. As at midnight 03 May there were **100** road fatalities year to date, this is **52** fewer road fatalities than the same time last year.
- Self-reported behaviours and attitudes** – Over the last five weeks, attitudinal surveys were conducted as part of Waka Kotahi's Sector Research Programme. The results are based on participants' self-reporting.
 - In the last week **5%** of respondents said they were not personally committed to following the travel/movement restrictions (unchanged over the last three weeks).
 - In the last week, of those who have reported a decrease in public transport usage, **0%** said this was because they didn't think it was permitted (compared to between 17-21% over the previous four weeks).
 - In the last week, **11%** of respondents said their home was their primary worksite before the pandemic, **20%** of respondents expect their home to be their primary worksite post-lockdown.
 - In the last week, **27%** of respondents who reported walking or jogging in the past week said they did so because they felt more comfortable with fewer vehicles on the road.
 - Compared to pre-COVID behaviour there has been a small (5 percentage points) but statistically significant increase in the proportion of respondents who reported using walking as a means of transport. However, this is counteracted by a 10 percentage point decrease in the proportion of respondents walking for leisure or fitness.

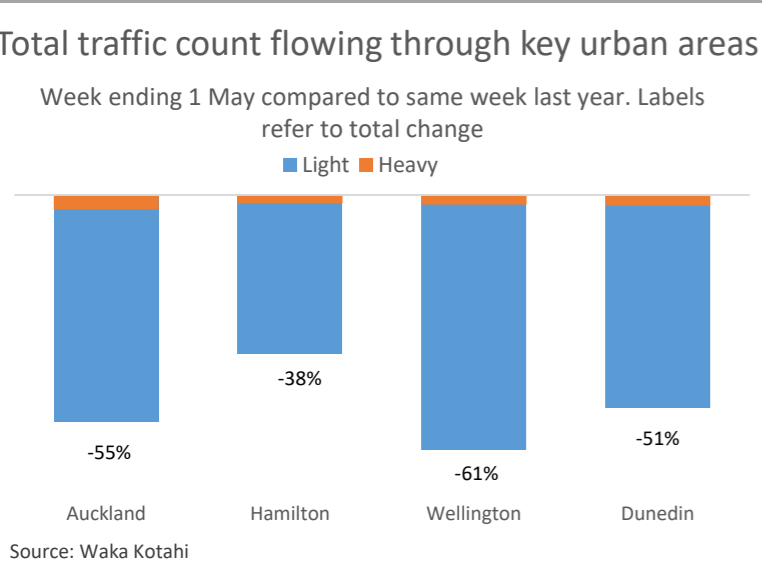
Road speeds



Change in average speeds for week ending 1 May compared with previous week

-3%

Road Traffic Count



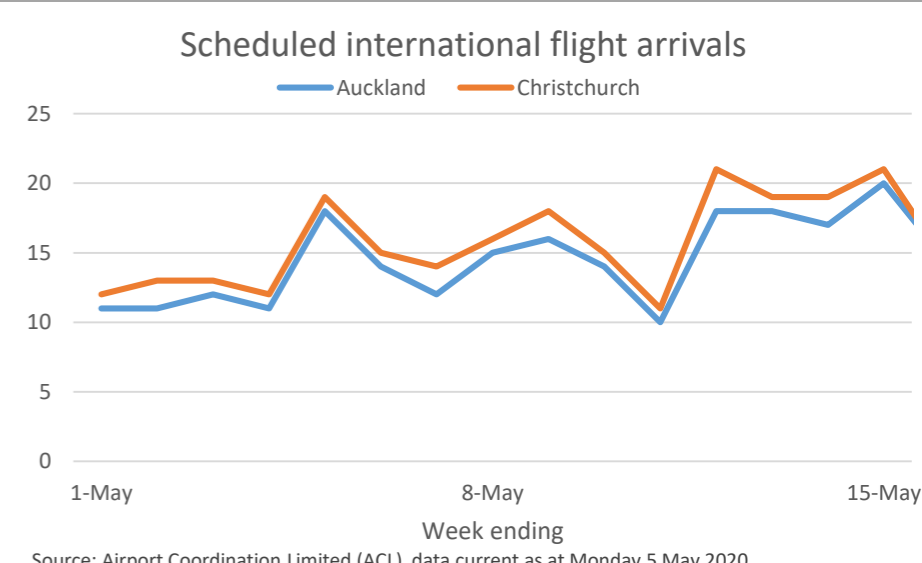
Change in traffic counts for week ending 1 May compared with previous week

88%



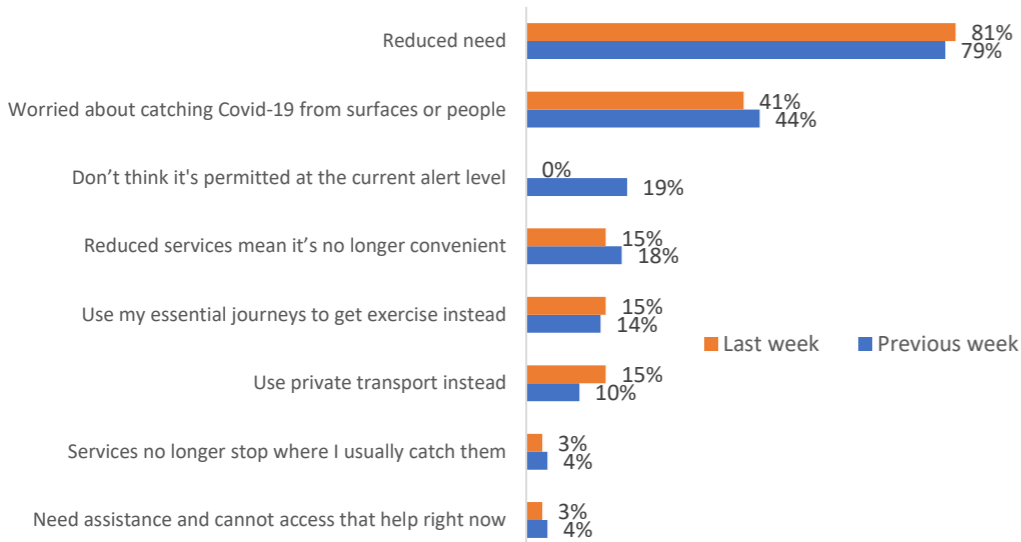
Decrease in international arrivals for the week ending 3 May compared with last week

15%



Attitudinal survey results

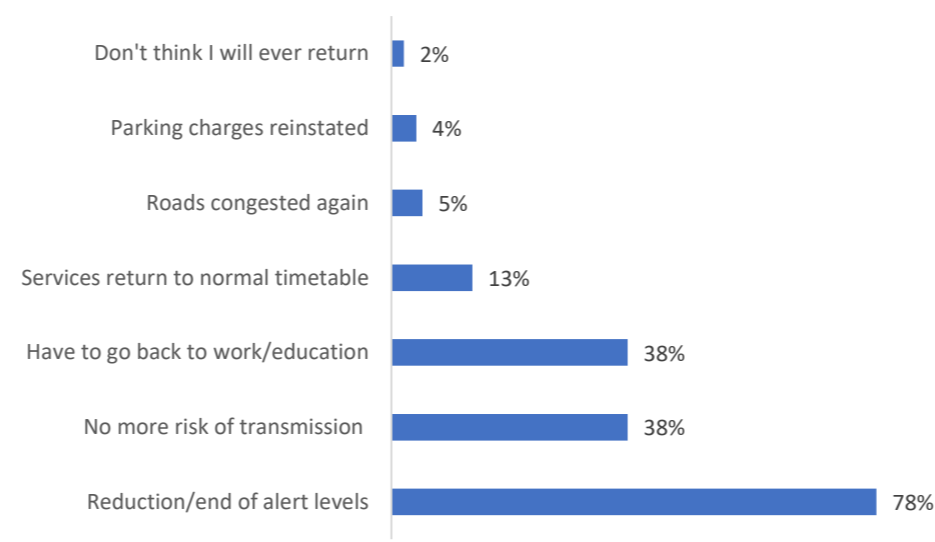
Reasons for reduced public transport usage



Proportion of respondents who reported decreased PT usage

Source: Waka Kotahi Sector Research Programme

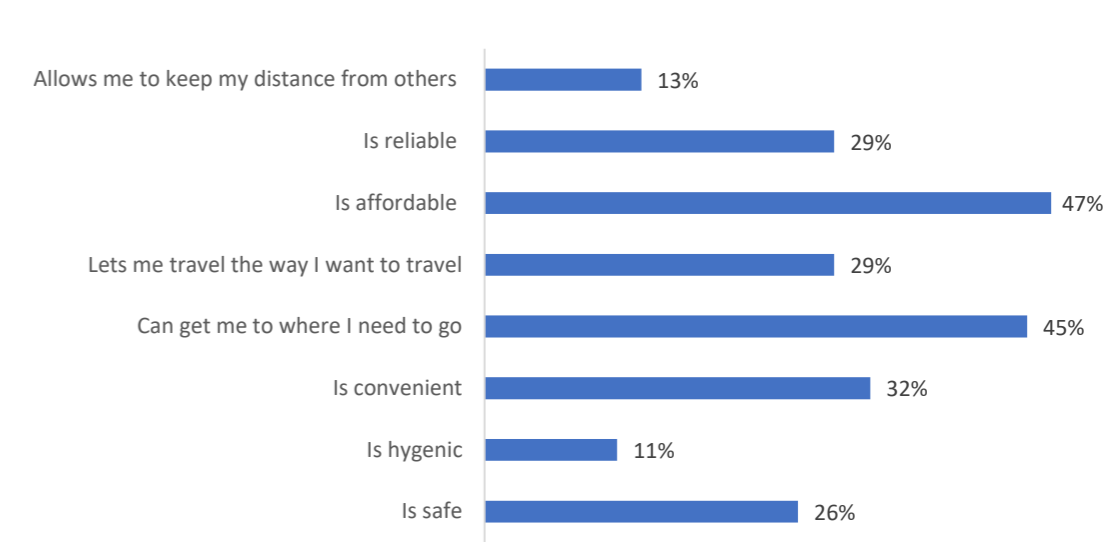
Triggers for people to return to public transport



Proportion of respondents who used PT pre-pandemic

Source: Waka Kotahi Sector Research Programme

Perception of bus transportation

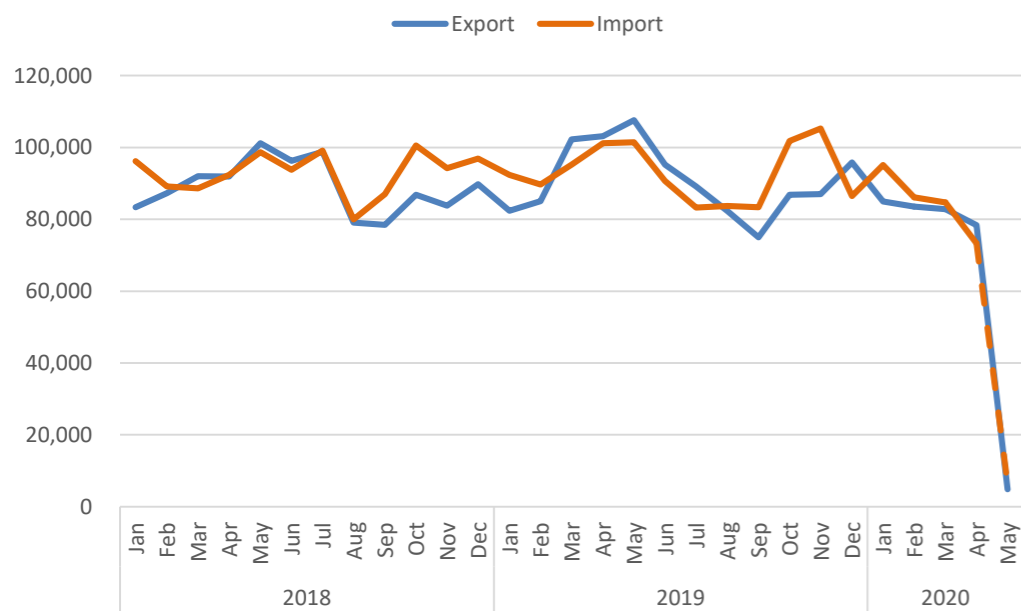


Proportion of respondents

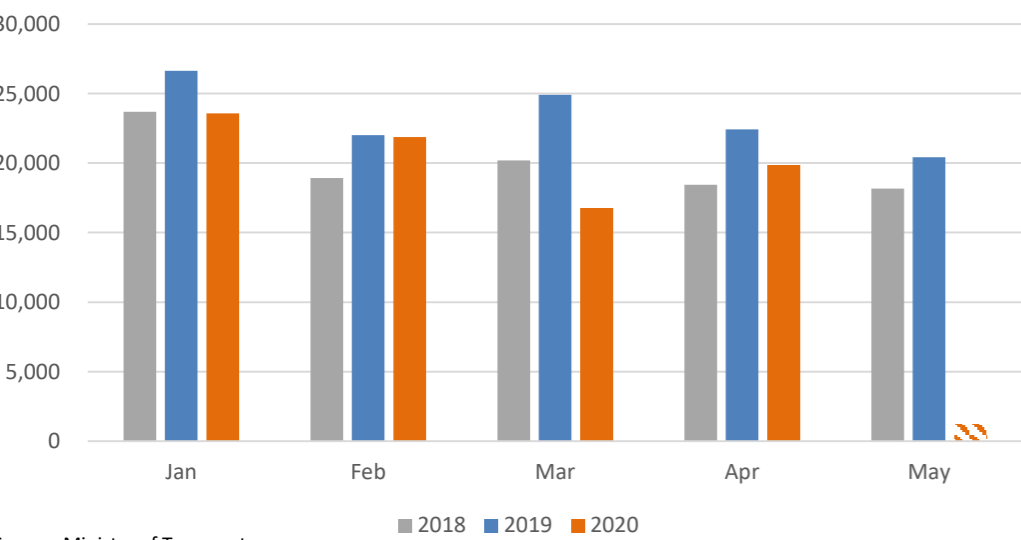
Source: Waka Kotahi Sector Research Programme

Imports and Exports - Sea

Imports & Exports - Containers (TEU)

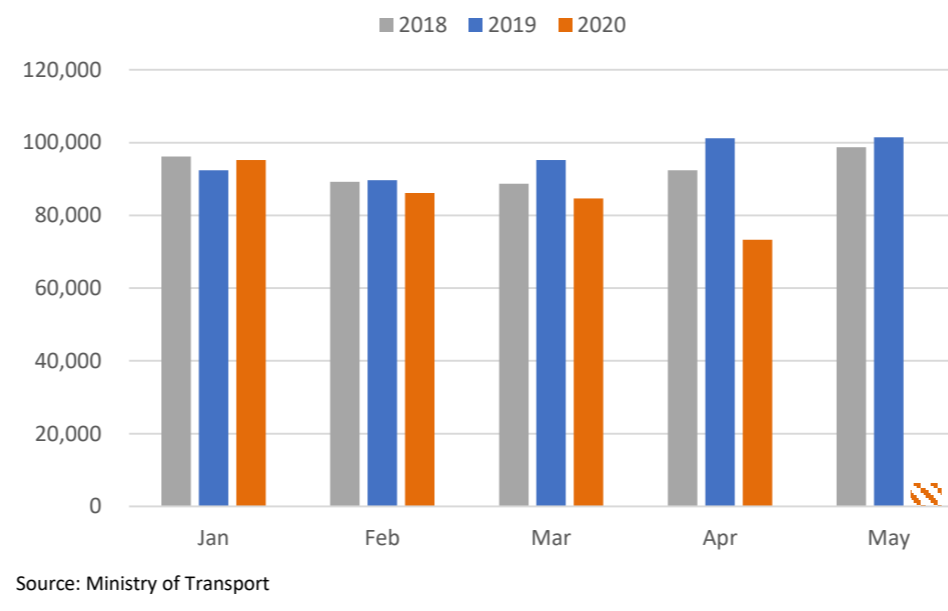


Dairy Exports - Containers (TEU)



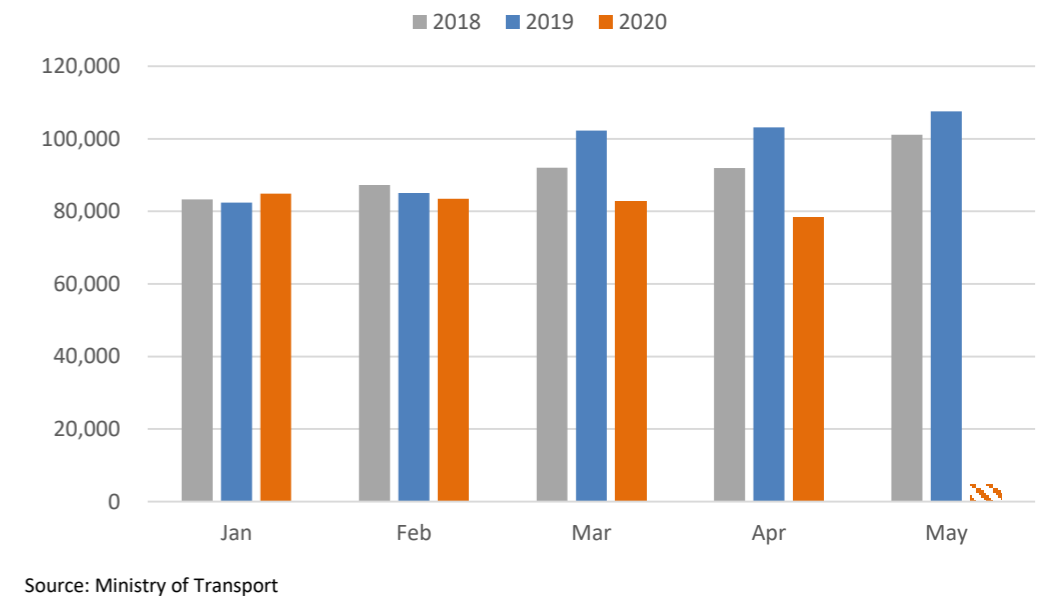
Source: Ministry of Transport

Imports - Containers (TEU)



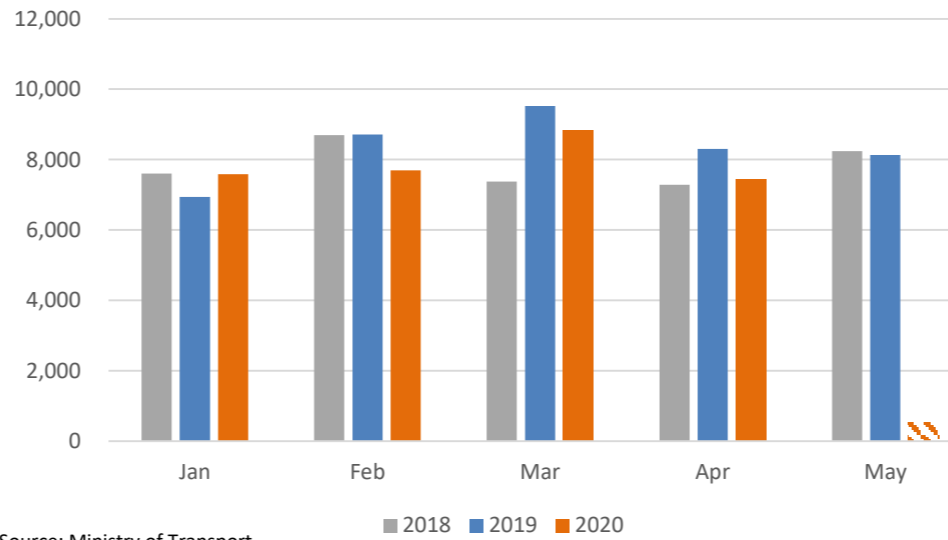
Source: Ministry of Transport

Exports - Containers (TEU)



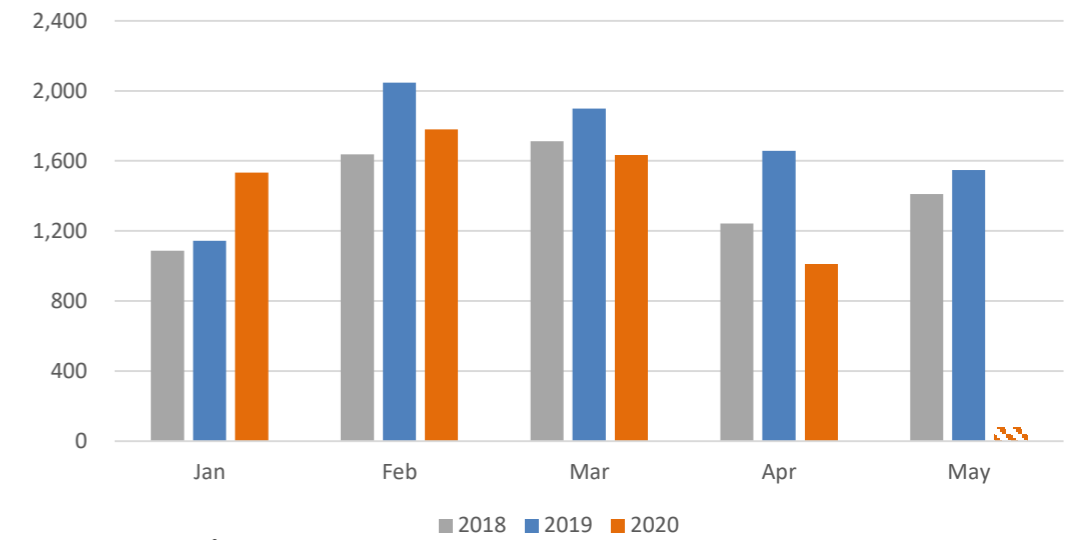
Source: Ministry of Transport

Meat Exports - Containers (TEU)



Source: Ministry of Transport

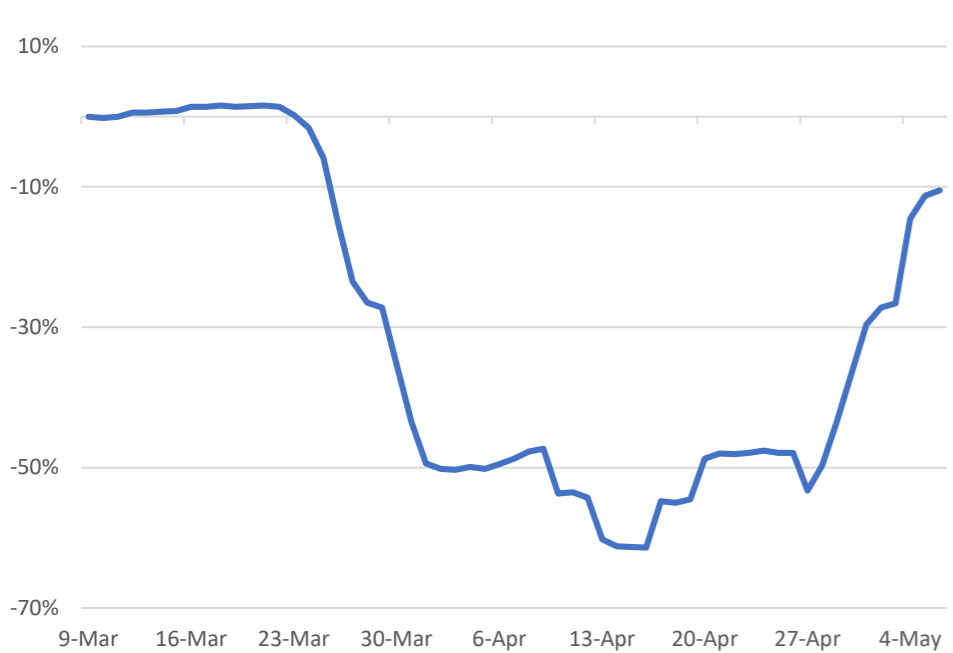
Fish Exports - Containers (TEU)



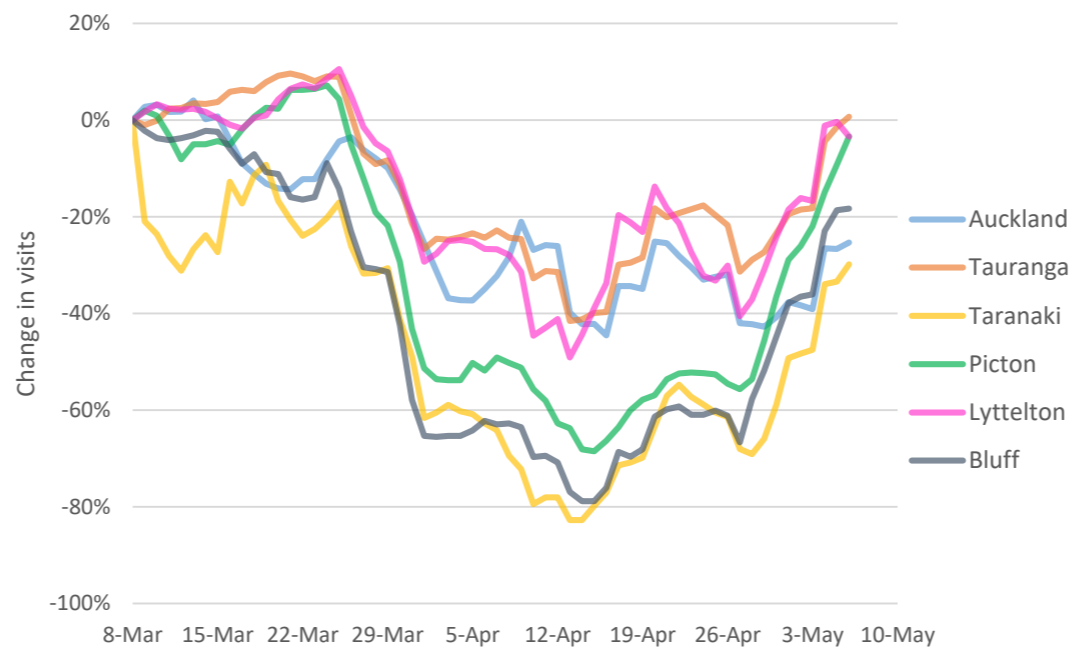
Source: Ministry of Transport

Heavy vehicle travel

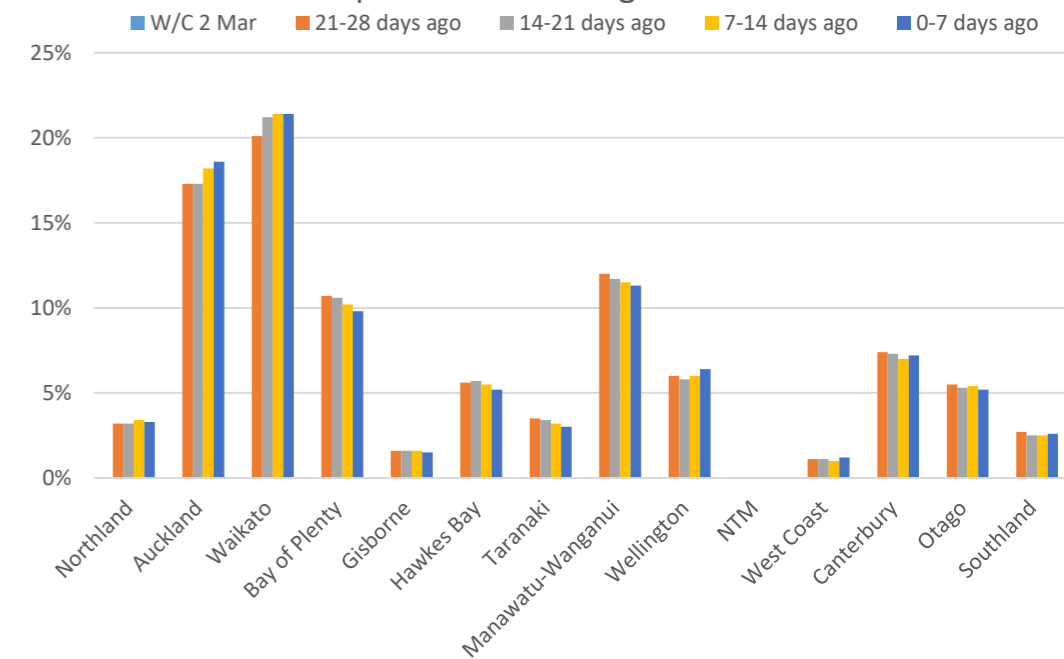
Daily distance change for heavy vehicles compared to 9 March



Daily heavy vehicle visits to ports compared to 9 March



Proportion of interregional travel



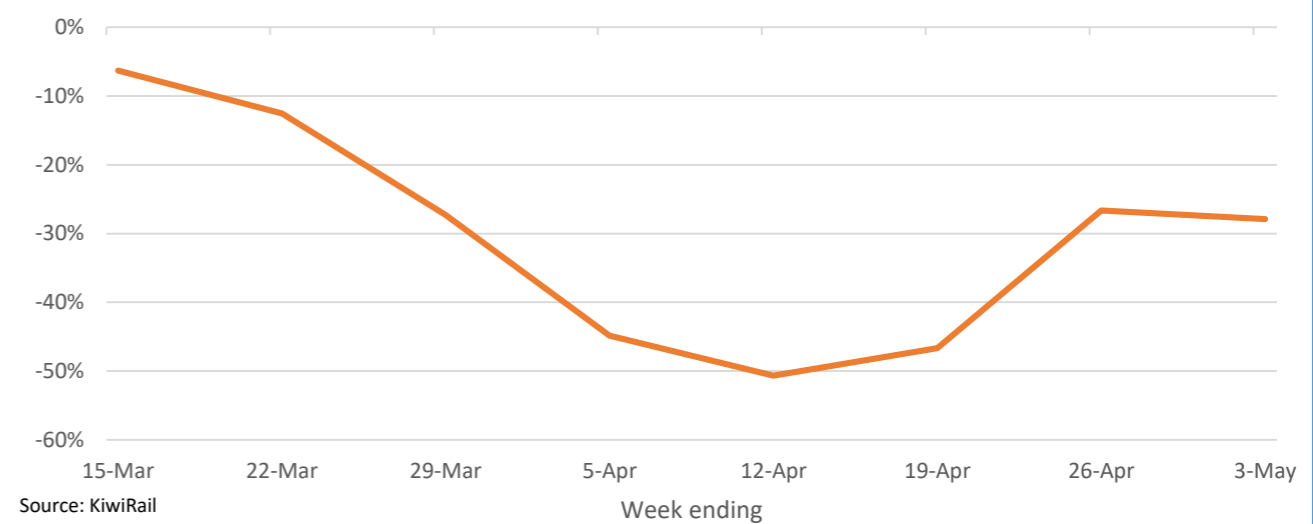
Source: EROAD

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. In light of this, we anticipate a further significant decline in international air traffic.
- **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** – Government moves country to Alert Level 3.
- **11 May 2020** – the Government announced New Zealand will move from Alert Level 3 to Alert Level 2 at 11.59pm on Wednesday 13 May. Until then we are still in Alert Level 3.

Rail Freight

Change in rail freight compared to same week last year



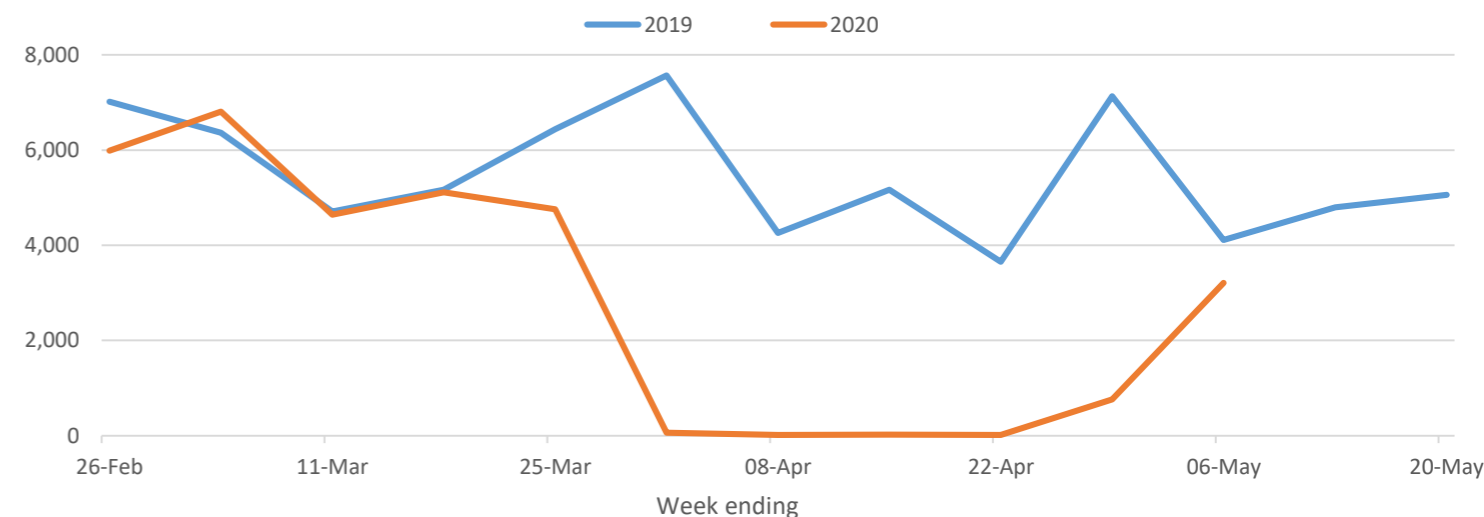
Source: KiwiRail

Rail freight compared to last week

29%

Motor Vehicle Registrations

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



Source: Ministry of Transport and Waka Kotahi MVR

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/>