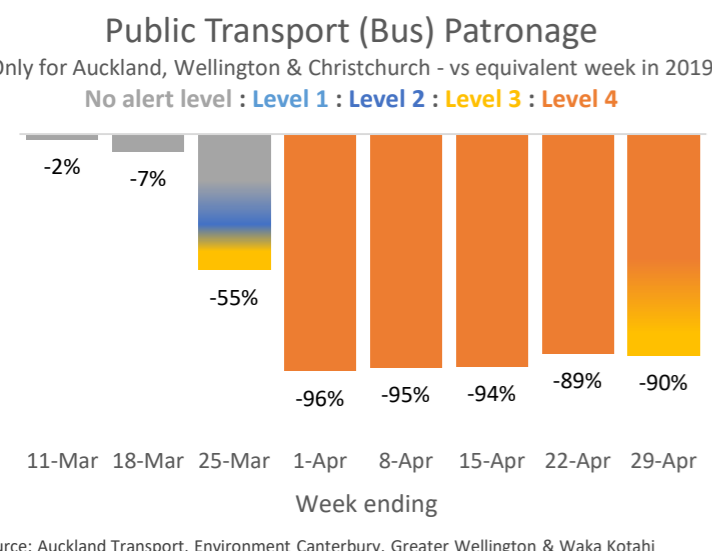


# WEEKLY COVID-19 TRANSPORT SECTOR KEY INDICATORS - 1 May 2020

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



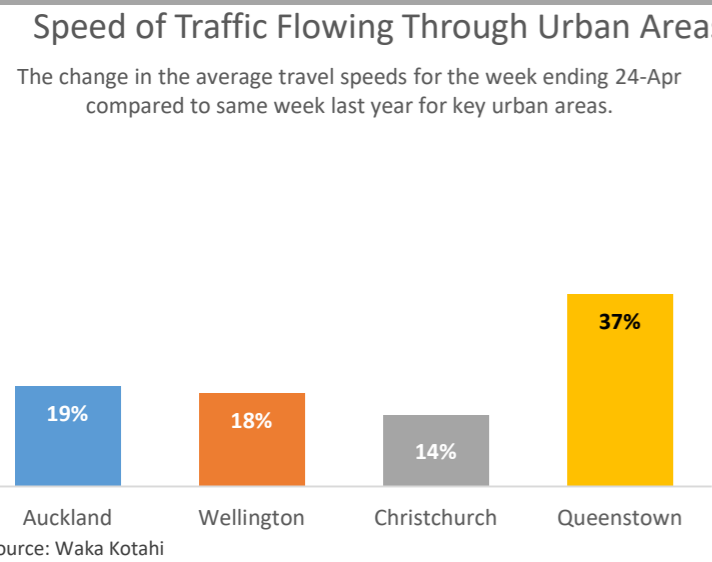
Decrease in public transport (bus) patronage week ending 29 April 2020 compared with 2019

**90%**

## Summary of impacts to the transport system:

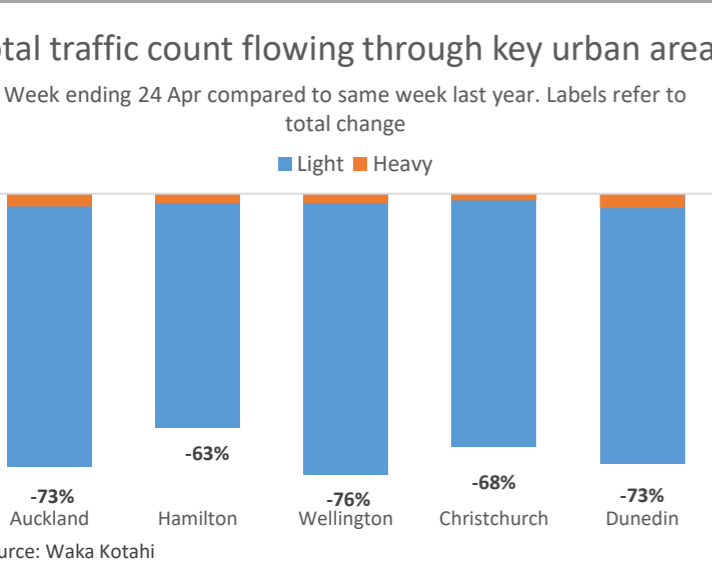
- Comparisons to 2019** – The week beginning 22 April 2019 had **two public holidays** (Easter Monday and Anzac Day). This resulted in a significant change in travel patterns for that week (fewer people travelling for work, fewer services operating. This will be reflected in many of the graphs in this dashboard and some may show **different trends** from previous dashboards as a result.
- Public transport** – Combined bus patronage for Auckland, Wellington and Christchurch was **down 90%** in the week ending 29 April compared to the equivalent week last year. *Daily bus usage on Wednesday 29 April (alert level 3) was up 85% compared to the previous Wednesday (alert level 4).* Likewise in Auckland *daily train usage on Wednesday 29 April was up 171%*, and daily ferry usage **up 308%**, compared to the previous Wednesday. The number of bus services operating in Wellington also **increased 161%** under alert level 3 compared to alert level 4.
- Road traffic** –For the week ending 25 April, there were increases in the average speeds for all four key urban areas, implying a **significant reduction** in traffic compared to the same time last year, though this is partly offset by higher than average speeds in 2019 due to public holidays. Traffic count data supports this and shows that traffic volumes have on average **increased 22%** compared to last week (ending 18 April). There have been minimal changes to average speeds compared to last week.
- Air travel** –International passenger arrivals **decreased 99%** in the week ending 27 April compared with the same time in 2019. This was a **decrease of 19%** from last week's (beginning 14 April) arrivals.
- Rail freight** – For the week ending 27 April, KiwiRail's freight **increased 14%** compared to the previous week, and **decreased 27%** compared with the same week in 2019.
- Heavy vehicle travel** – As of 29 April 2020 the total distance heavy vehicles travel has **increased 5%** compared to 22 April 2020, and visits by heavy vehicles to ports has on average **increased 5%** compared to 22 April 2020. There have been marginal changes to regional proportions of travel over the last week (beginning 23 April).
- Cook Strait** – For the week ending 29 April 2020, truck boardings on the Interislander **increased 22%** compared to last week (ending 22 April) and passenger boardings **increased 27%** compared to last week.
- Imports and Exports: Sea** – There has been reduction in both imports (11%) and exports (19%) in March 2020 compared to March 2019. Dairy exports have significantly reduced in March 2020. April data is still incomplete.
- Motor Vehicle Registrations** – Vehicle registrations for the week ending the 29th of April **increased to just over 10%** of the equivalent week in 2019.
- 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 **16** road fatalities from **16** fatal crashes. As at midnight 03 May there were **96** road fatalities year to date, this is **43** fewer road fatalities than the same time last year. There was **1** road death from **1** road crash for ANZAC weekend (this began 6pm Friday 24 April and ended 6am Tuesday 28 April). An ANZAC Day weekend last occurred in 2016, when over the 3 day weekend there was 1 road fatality and 113 reported injuries.
- Self-reported behaviours and attitudes** – Over the last four weeks, attitudinal surveys were conducted as part of the Sector Research Programme, Waka Kotahi. 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 (up from 3% in the first week of the lockdown). Of those unable to take essential journeys, **11%** said this was because of inability to access transport (up from 8% the week prior, and 7% in the first week of the lockdown). **30%** of respondents report that they do not feel able to get where they need to go (same as the week prior) and **14%** of respondents said they cannot *easily* get where they need to go (down from 15% the week prior). Also, **4%** of respondents said they are not confident that they understand the current travel restrictions (down from 6% in week prior).

## Road speeds



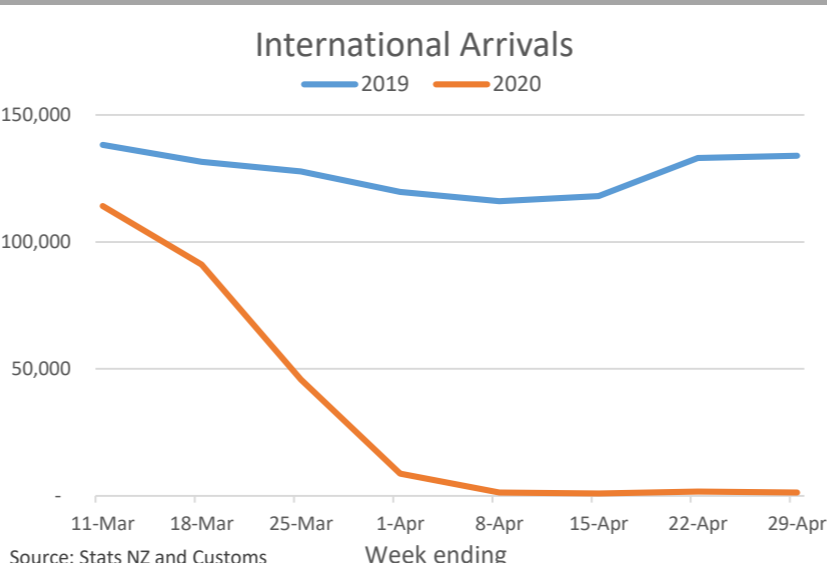
Queenstown has the largest difference due to its average speed not decreasing significantly in the same week 2019

## Road Traffic Count



All five urban areas have seen significant decreases in traffic counts

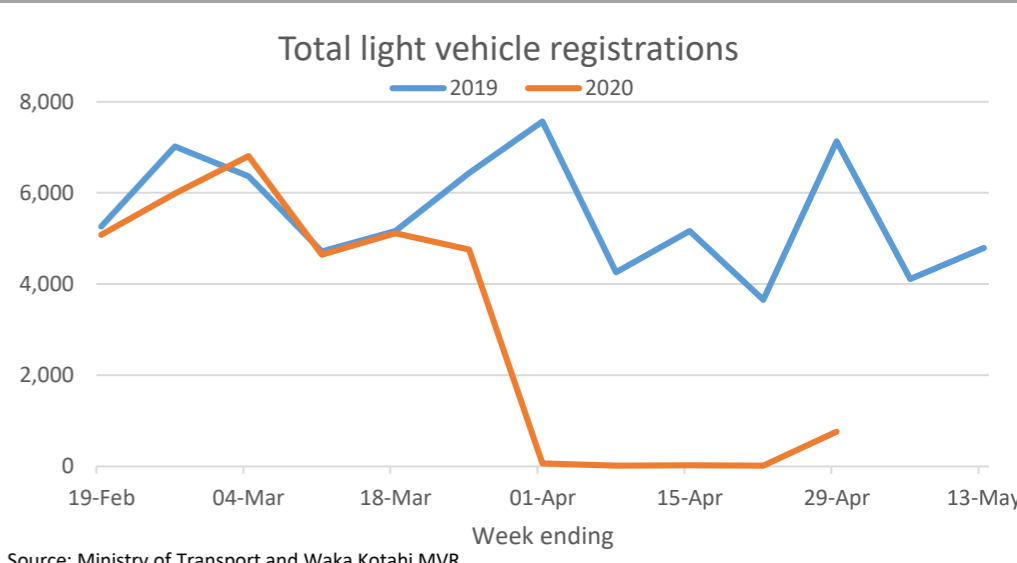
## Air Travel



Decrease in international arrivals for the week ending 27 April compared with last week

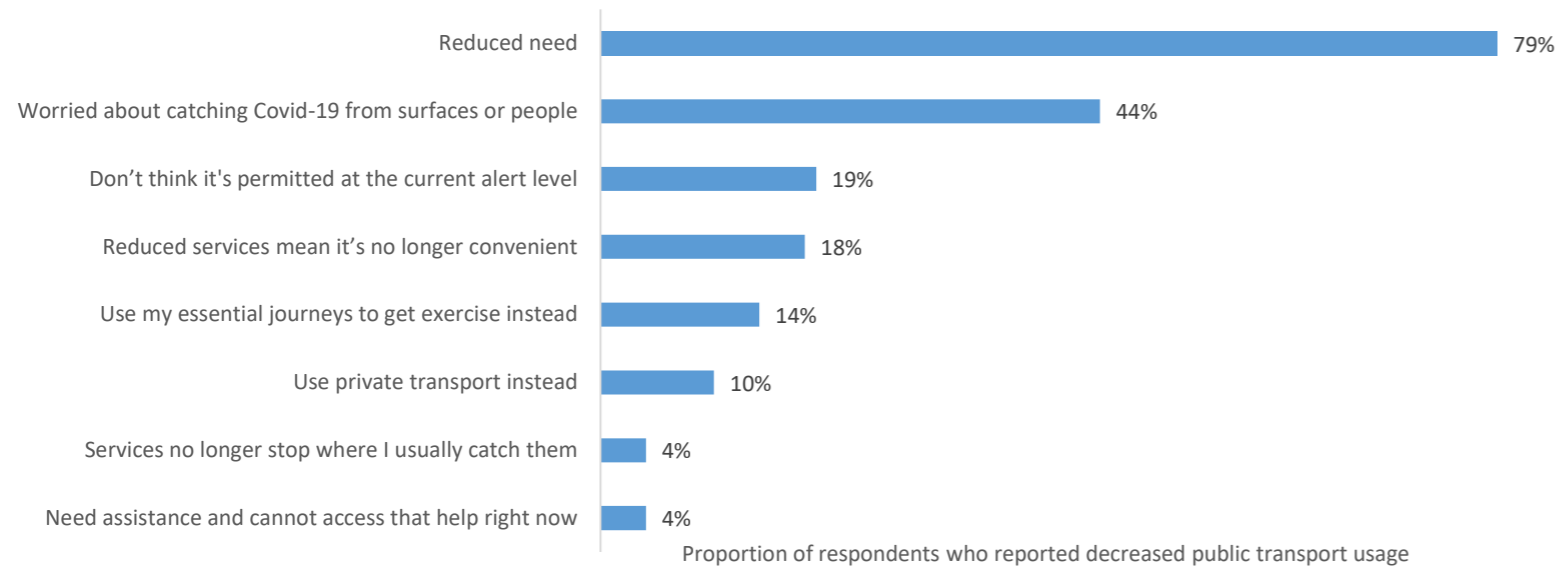
**20%**

## Motor Vehicle Registrations



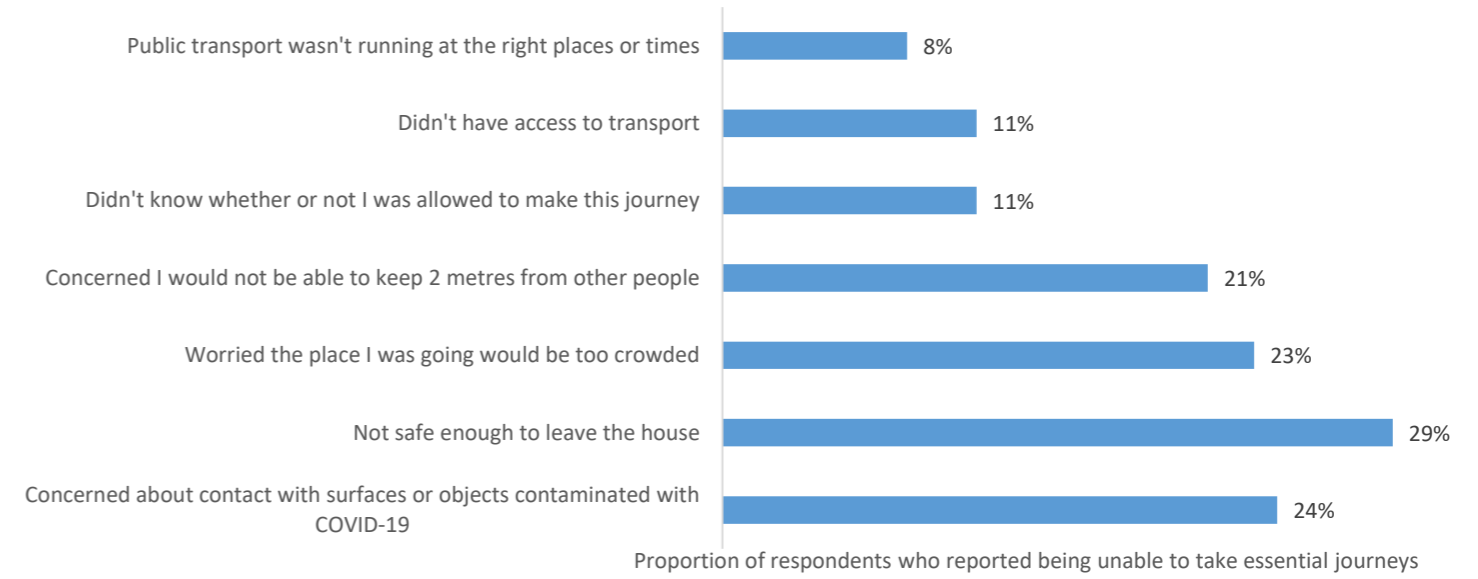
# Attitudinal survey results

## Reasons for reduced public transport usage



Source: Waka Kotahi Sector Research Programme

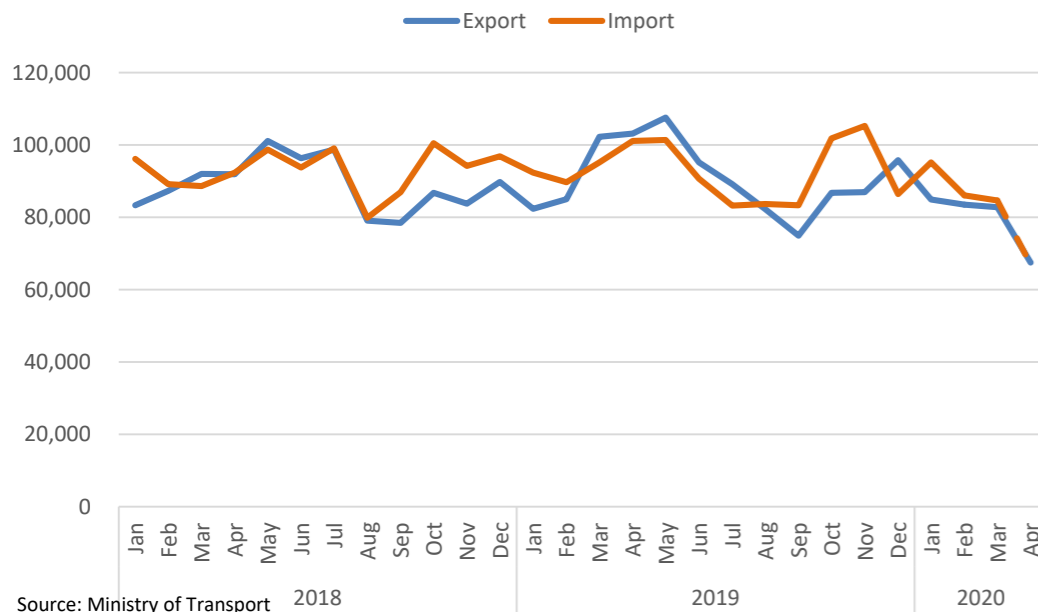
## Reasons unable to take essential journeys



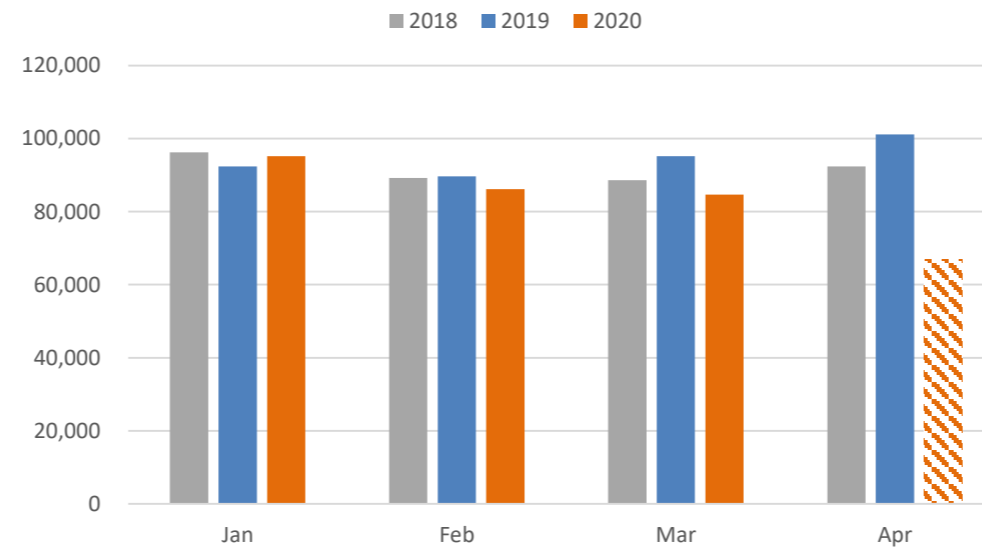
Source: Waka Kotahi Sector Research Programme

# Imports and Exports - Sea

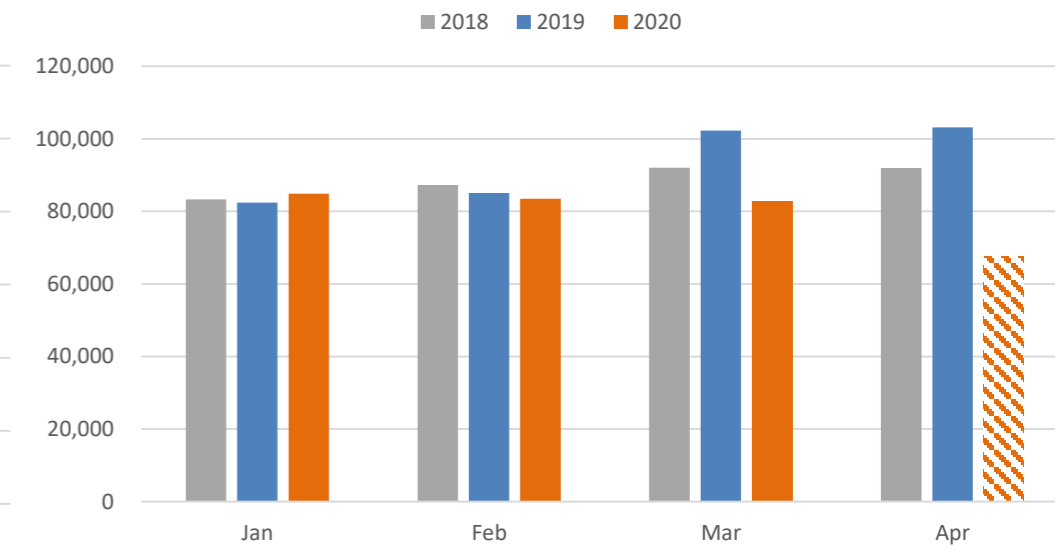
## Imports & Exports - Containers (TEU)



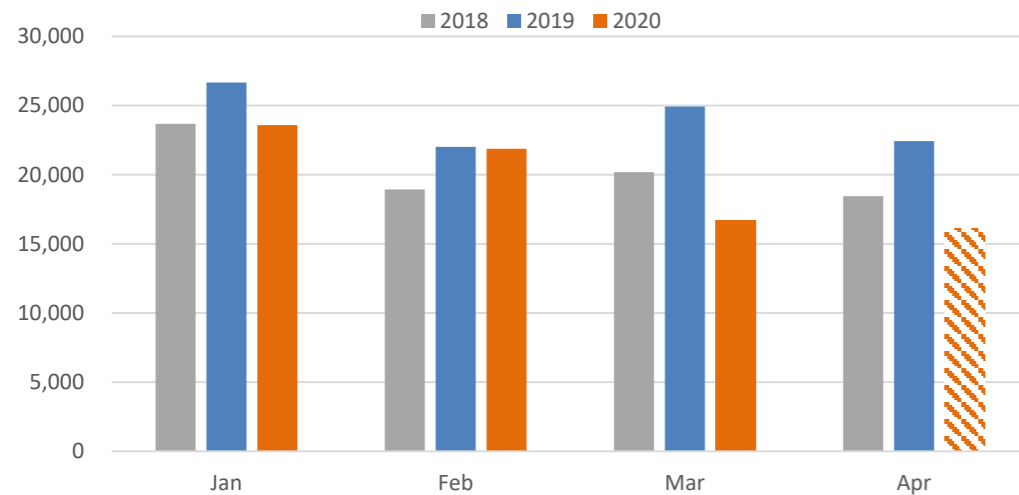
## Imports - Containers (TEU)



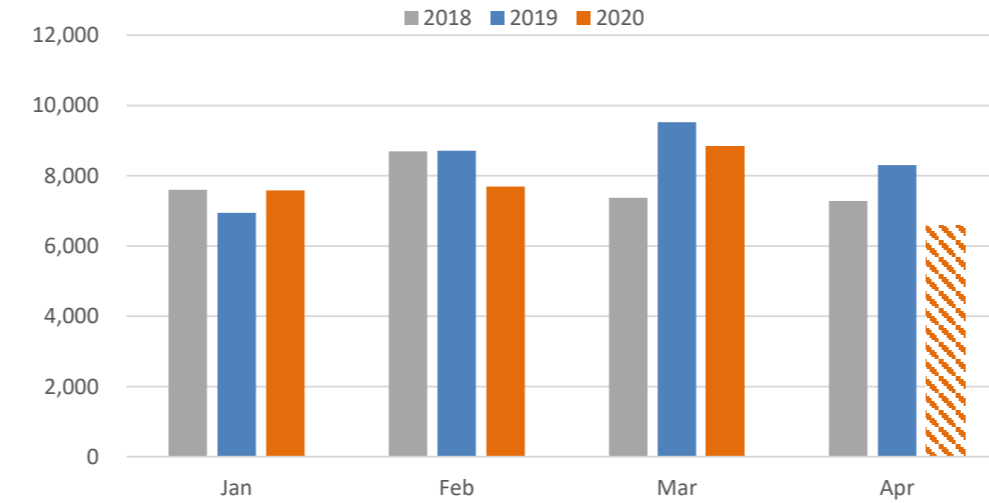
## Exports - Containers (TEU)



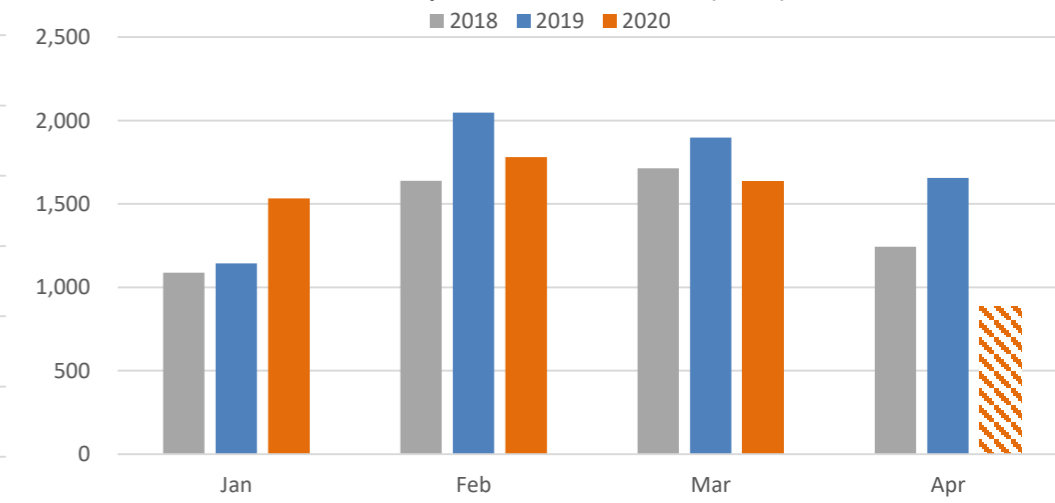
## Dairy Exports - Containers (TEU)



## Meat Exports - Containers (TEU)

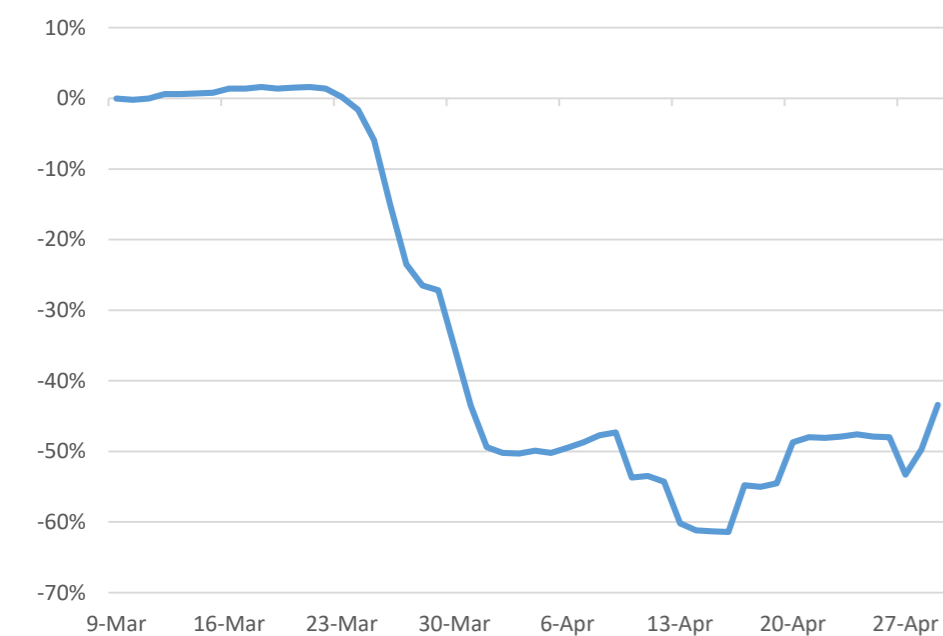


## Fish Exports - Containers (TEU)



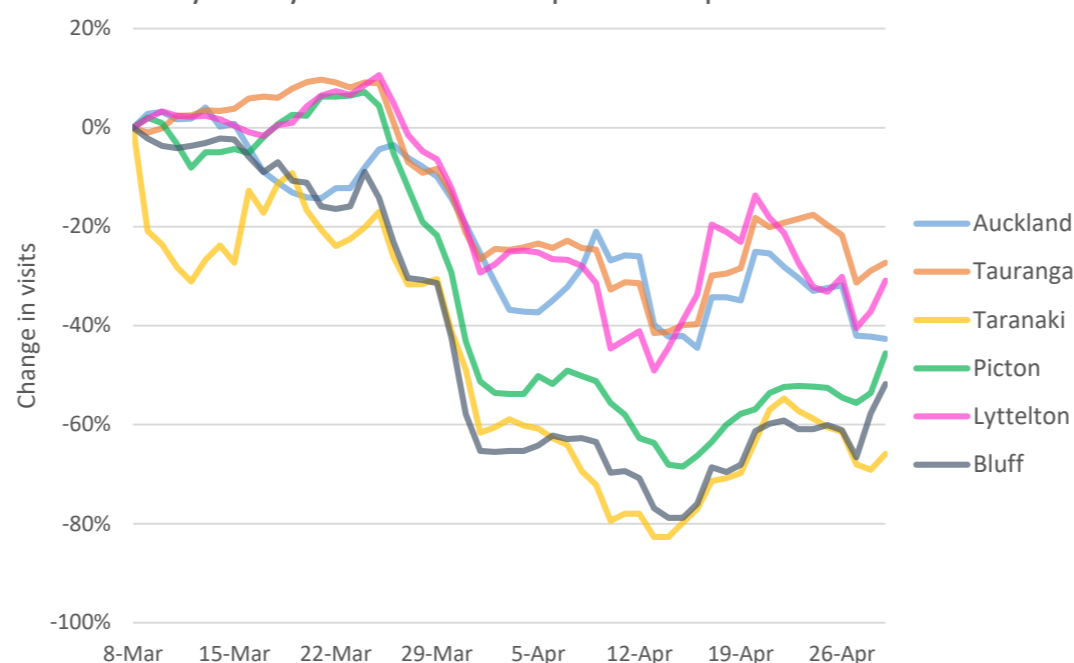
# Heavy vehicle travel

Daily distance change for heavy vehicles compared to 9 March



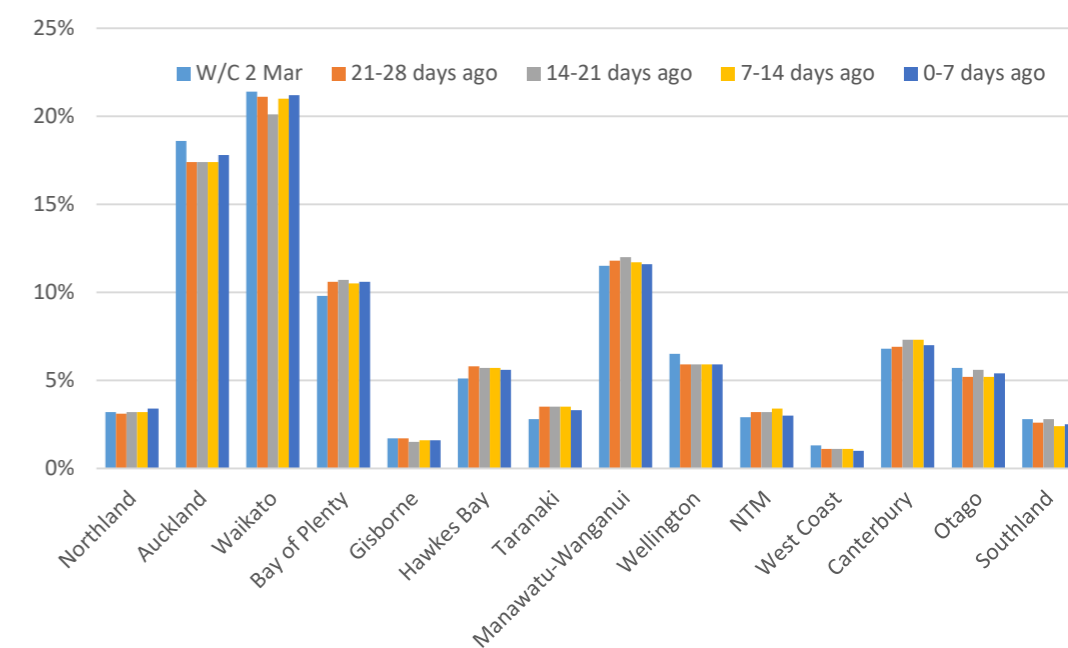
Source: EROAD

Daily heavy vehicle visits to ports compared to 9 March



Source: EROAD

Proportion of interregional travel



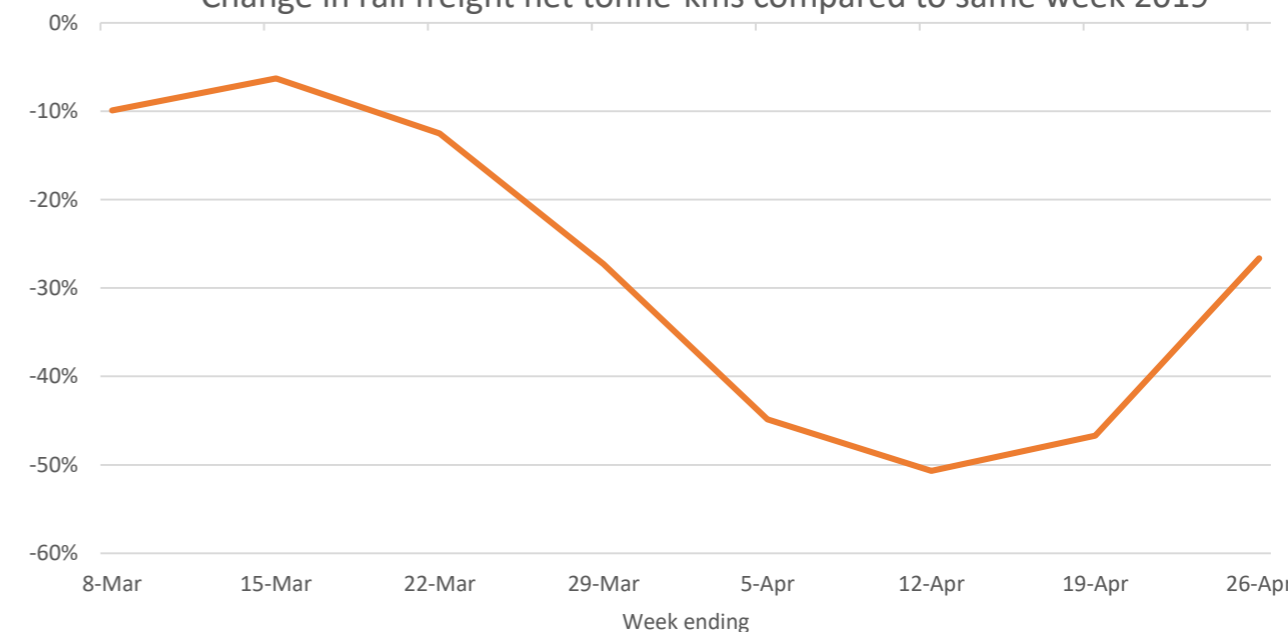
Source: EROAD

## 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.

## Rail Freight

Change in rail freight net tonne-kms compared to same week 2019



Source: KiwiRail

Rail freight compared to last week

14%

## Data enquiries:

Please contact data source organisation for all enquiries relating to data used to generate graphs in this dashboard.

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/>