

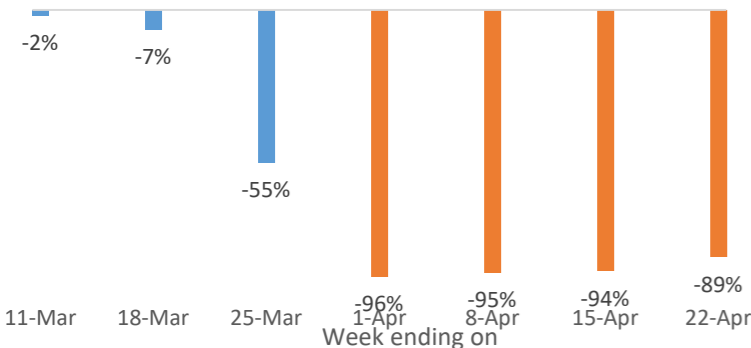
WEEKLY COVID-19 TRANSPORT SECTOR KEY INDICATORS - 24 April 2020

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

Public Transport (Bus) Patronage

(Only for Auckland, Wellington & Christchurch - a negative percent denotes a decrease compared to the equivalent week last year)



Decrease in public transport (bus) patronage week ending 22 April 2020 compared with 2019

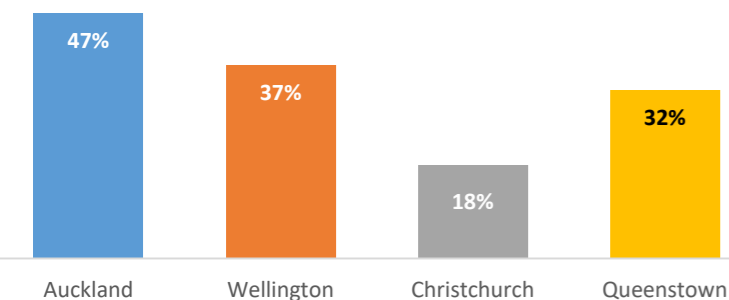
89%

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

Road speeds

Speed of Traffic Flowing Through Urban Areas

The change in the average travel speeds for the week beginning 13-Apr compared to same week last year for key urban areas.



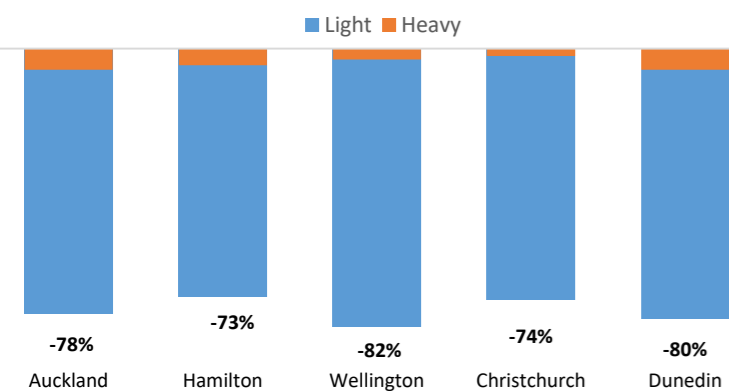
Compared to last year, in the past week, all four key urban areas have seen significant increases in average speeds (fewer vehicles)



Road Traffic Count

Total traffic count flowing through key urban areas

Week beginning 13 Apr compared to same week last year. Labels refer to total change



All five urban areas have seen significant decreases in traffic counts



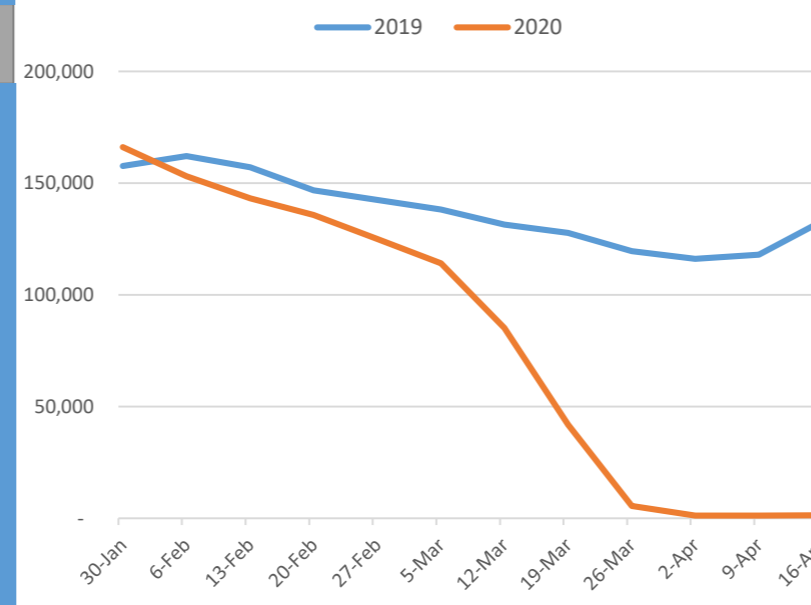
Source: Waka Kotahi

Summary of impacts to the transport system:

- Public transport** – Combined bus patronage for Auckland, Wellington and Christchurch was **down 89%** in the week ending 22 April compared to the equivalent week last year. While bus usage remains very low compared to last year, it **increased 20%** compared to last week. The current number of bus services operating in Wellington is **down 62%** compared to its normal school-term timetable, while the number of bus services in Christchurch is **down 40%** compared to its normal school-term timetable. Also, compared to the equivalent week last year, Auckland train patronage **decreased 96%**, and Auckland ferry patronage **decreased 99%** in the week ending 22 April.
- Road traffic** – For week beginning 13 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. Traffic count data supports this. The change compared to last week (beginning 6 April) is marginal for most cities, suggesting traffic levels have stabilised. For all cities, except Wellington, heavy vehicles now account for a significantly larger proportion of all traffic compared to the same week last year.
- Air travel** – International passenger arrivals **decreased 99%** in the week beginning 16 April compared with the same time in 2019. This was a **decrease of 39%** from last week's (beginning 9 April) arrivals. We are pursuing real-time information of domestic air passenger numbers.
- Rail freight** – For the week beginning 13 April, KiwiRail's freight **decreased 4%** compared to the previous week, and **decreased 47%** compared with the same week in 2019.
- Heavy vehicle travel** – As of 15 April 2020 the total distance heavy vehicles travel has **decreased 26%** compared to 8 April 2020, and visits by heavy vehicles to ports has on average **decreased 15%** compared to 8 April 2020. There have been no significant changes to the share of heavy vehicle travel by region.
- 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 were **below 1%** of the equivalent week last year in the week ending the 22nd of April, the fourth week running at such levels
- 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 – there have been **13** road fatalities from **13** fatal crashes. As at midnight 26 April there were **93** road fatalities year to date, this is **34** fewer road fatalities than the same time last year.
- Self-reported behaviours and attitudes** – Over the last two weeks, attitudinal surveys were conducted as part of the Sector Research Programme, Waka Kotahi. The results are based on participants self-reporting. Only 3% of respondents said they were not personally committed to following the travel/movement restrictions. 29% of respondents said they do not feel able to get where they need to go and 15% of respondents said they cannot easily get where they need to go. Only 6% of respondents said they are not confident that they understand the current travel restrictions (although this is up from 4% last week).

Air Travel

International Arrivals



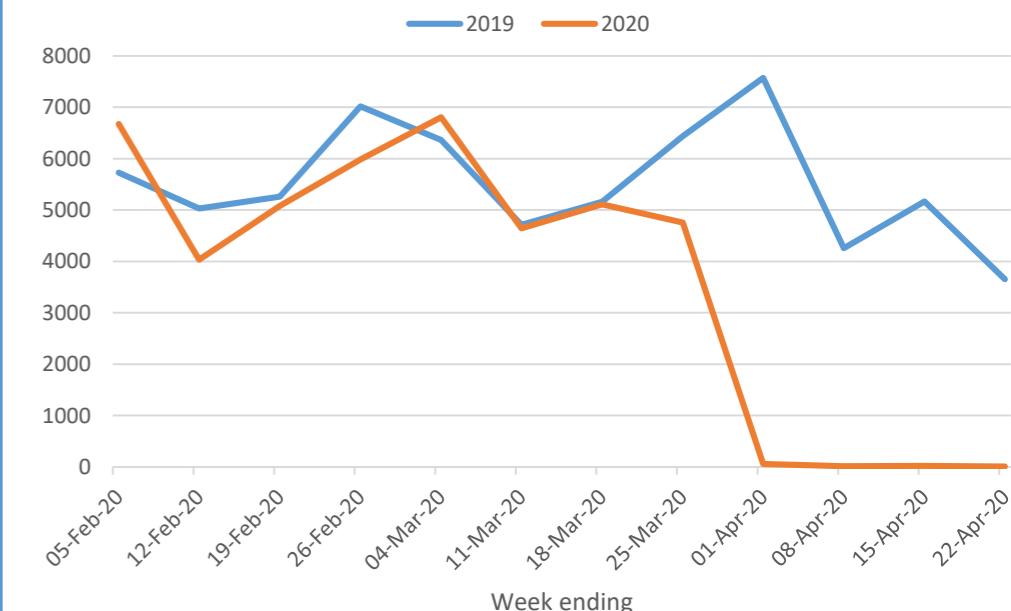
Decrease in international arrivals for the week beginning 16 April compared with last week

39%

Source: Stats NZ and Customs

Motor Vehicle Registrations

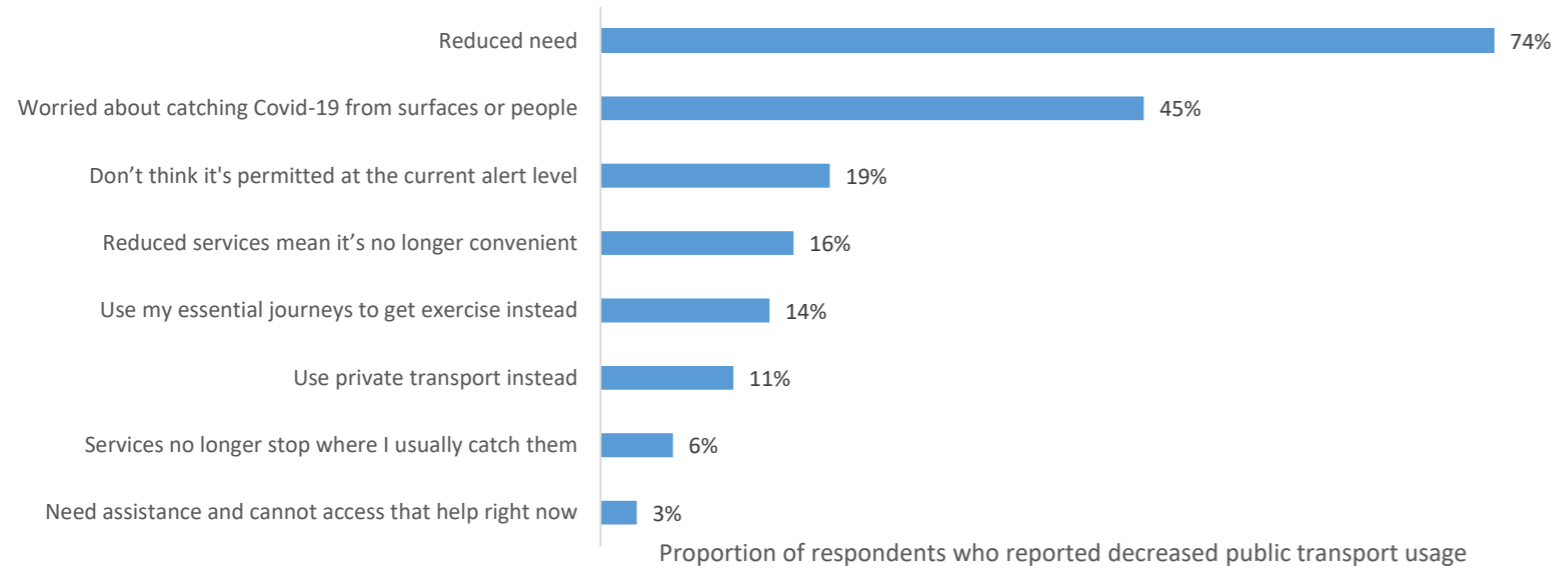
Total light vehicle registrations



Source: Ministry of Transport and Waka Kotahi MVR

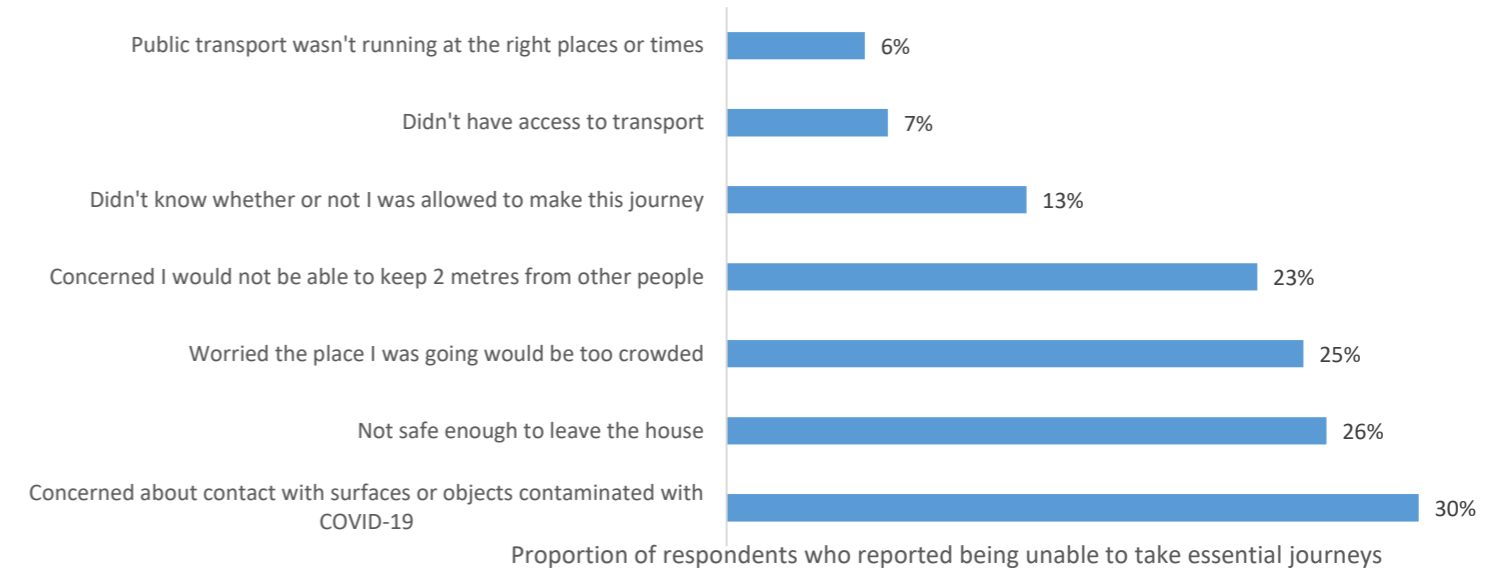
Attitudinal survey results

Reasons for reduced public transport usage



Source: Waka Kotahi Sector Research Programme

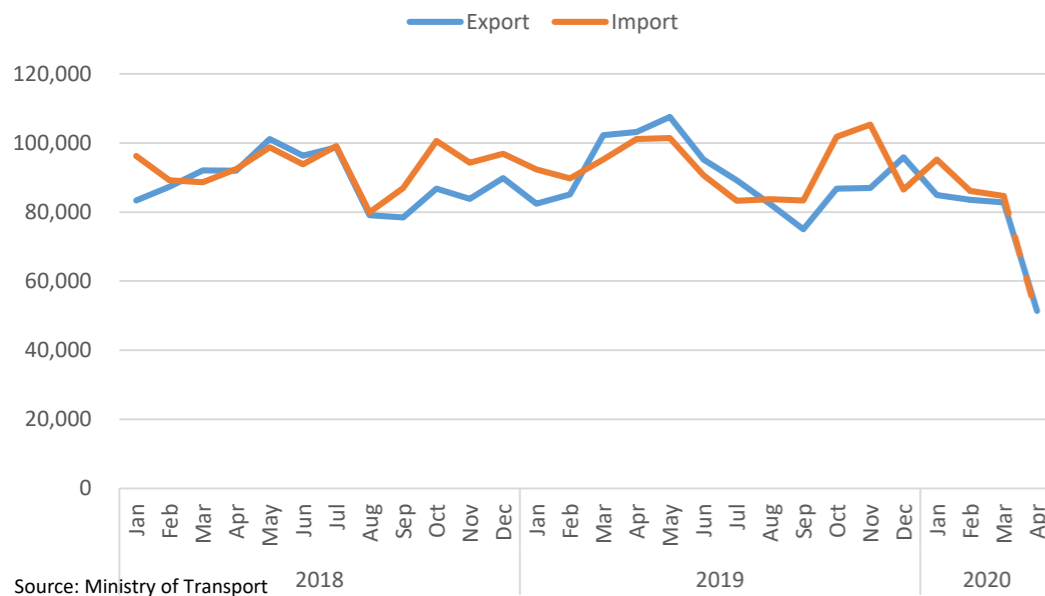
Reasons unable to take essential journeys



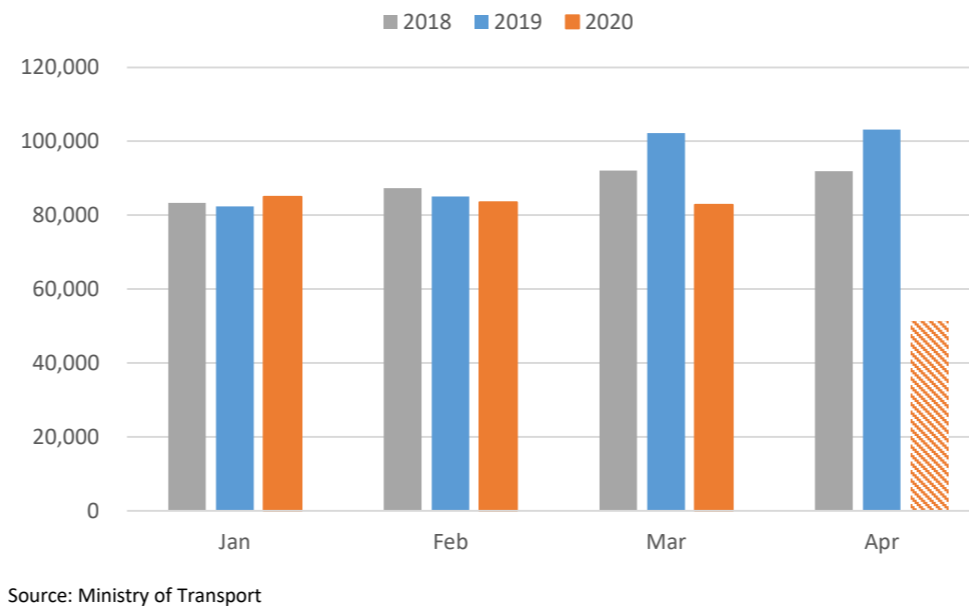
Source: Waka Kotahi Sector Research Programme

Imports and Exports - Sea

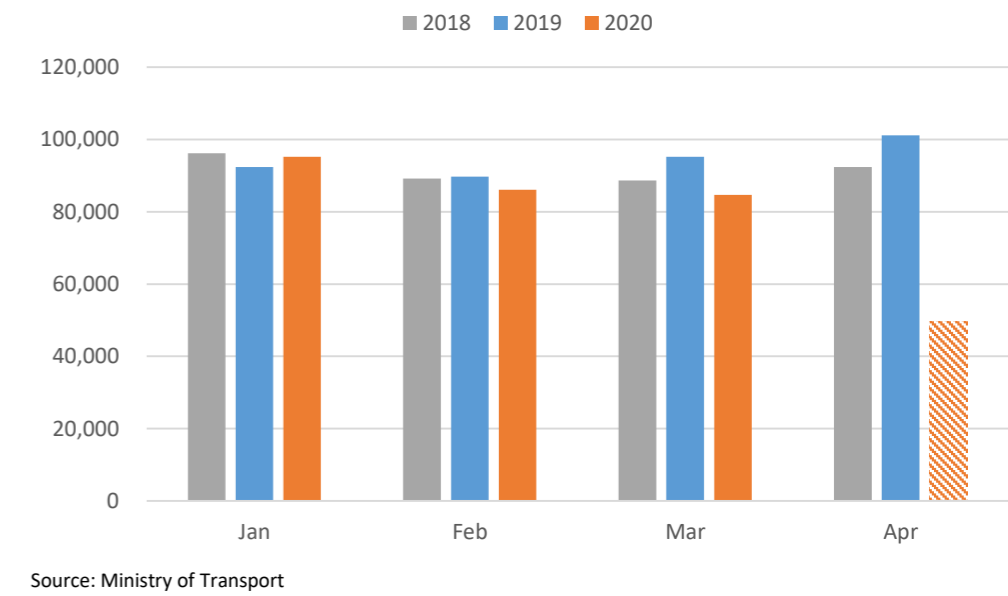
Imports & Exports - Containers (TEU)



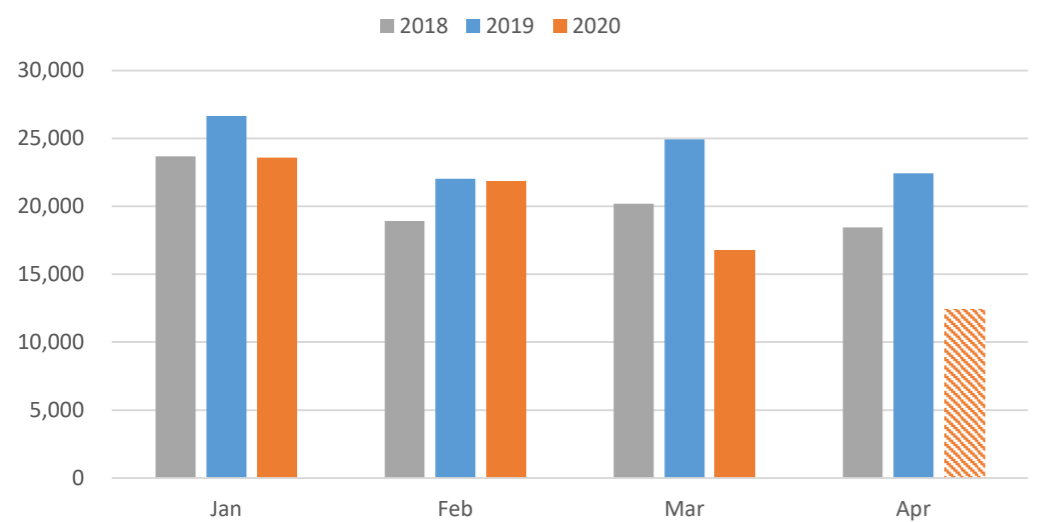
Exports - Containers (TEU)



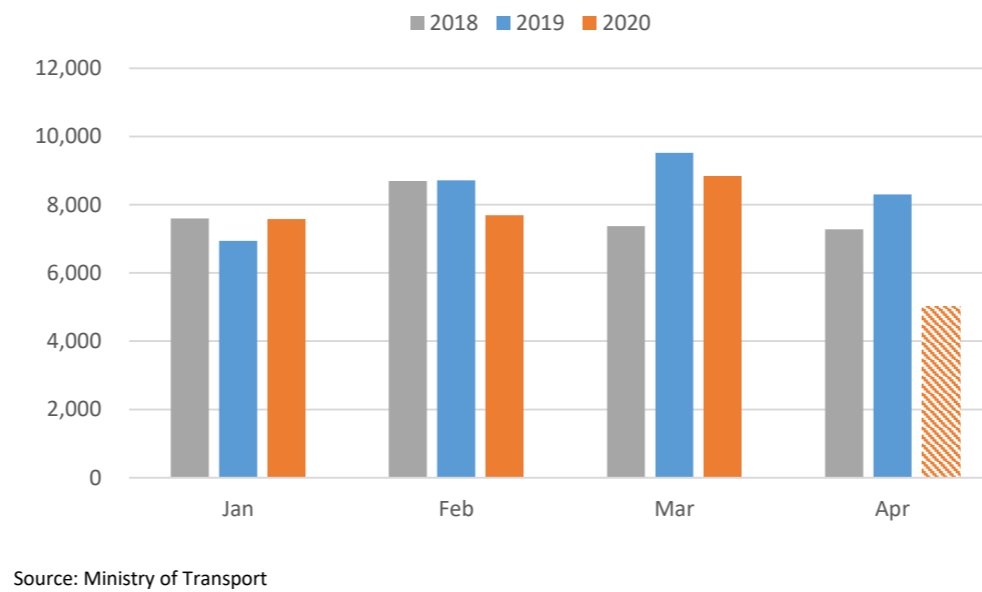
Imports - Containers (TEU)



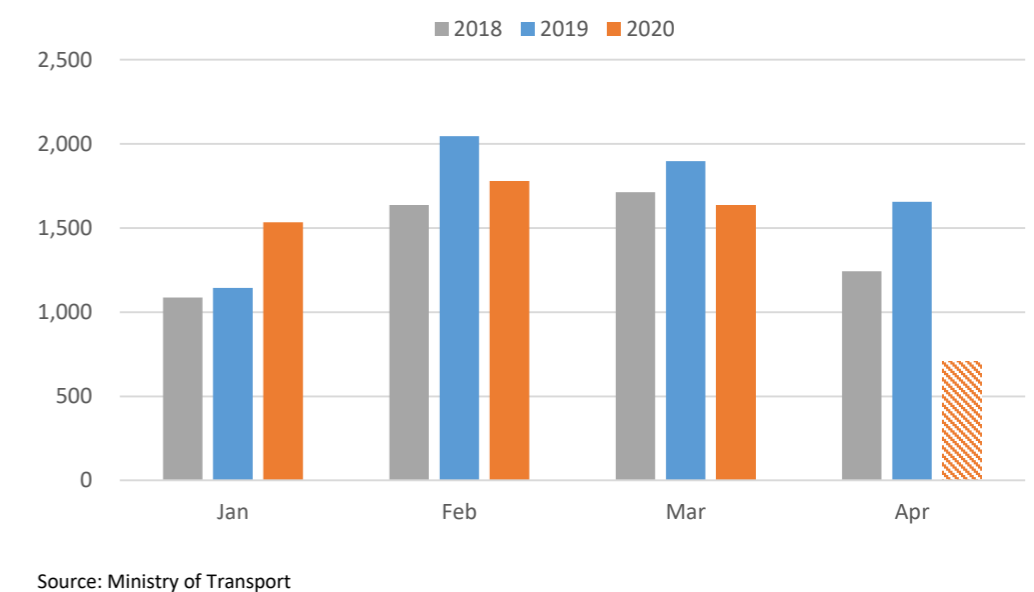
Dairy Exports - Containers (TEU)



Meat Exports - Containers (TEU)

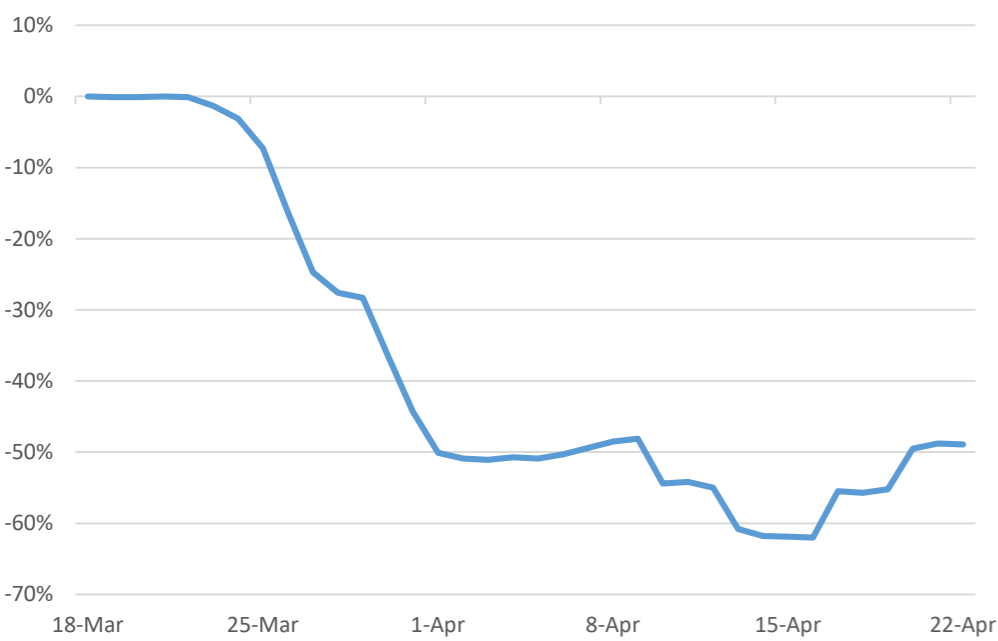


Fish Exports - Containers (TEU)



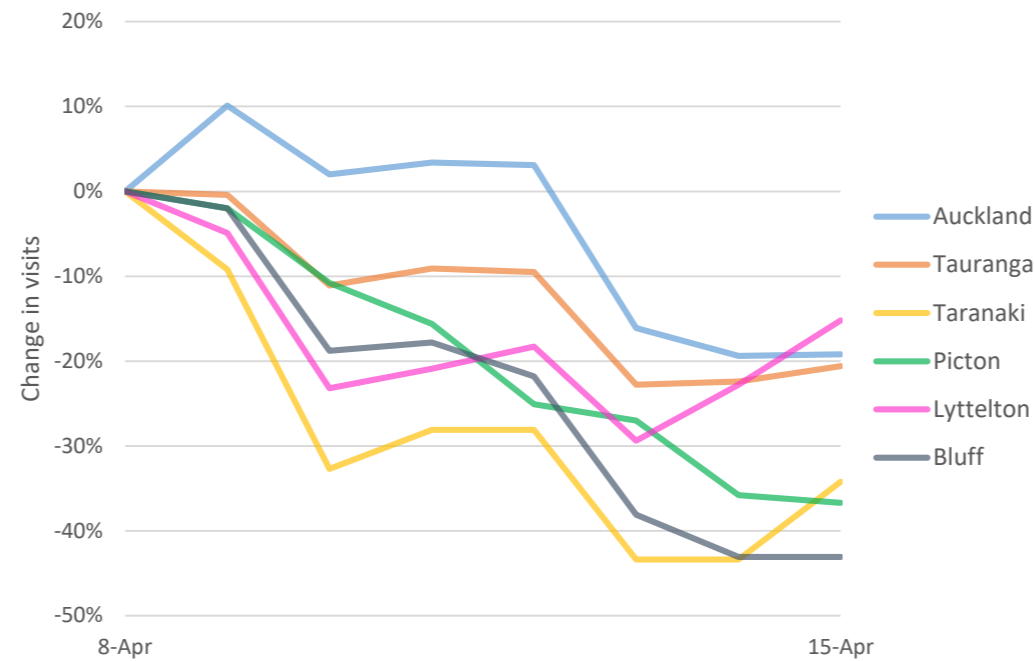
Heavy vehicle travel

Daily distance change for heavy vehicles compared to 18 March



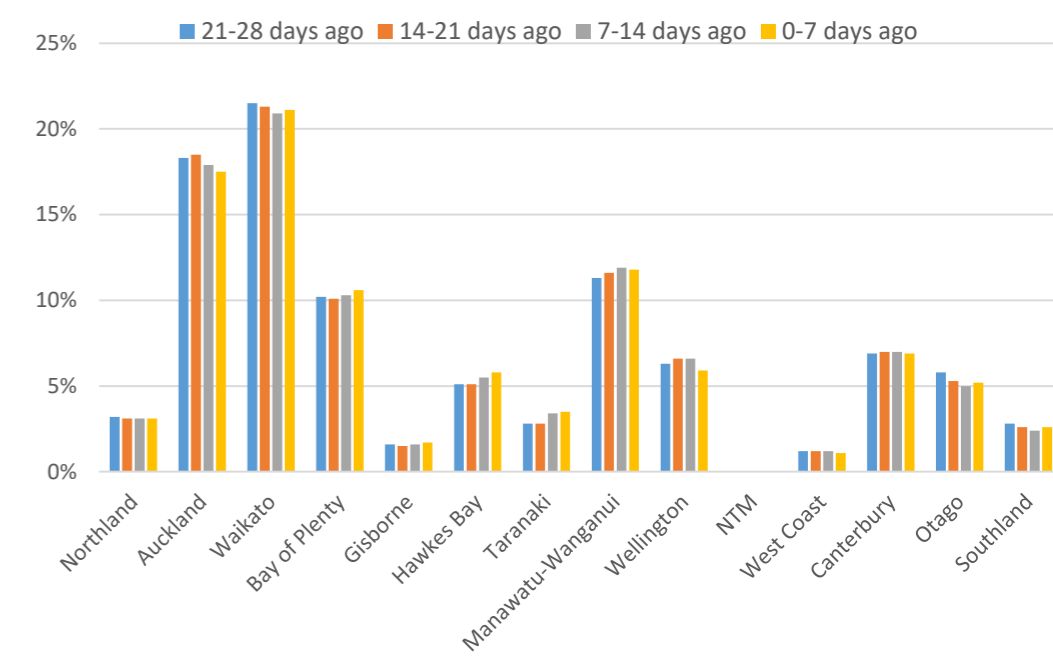
Source: EROAD

Daily heavy vehicle visits to ports compared to 8 April



Source: EROAD

Proportion of interregional travel



Source: EROAD

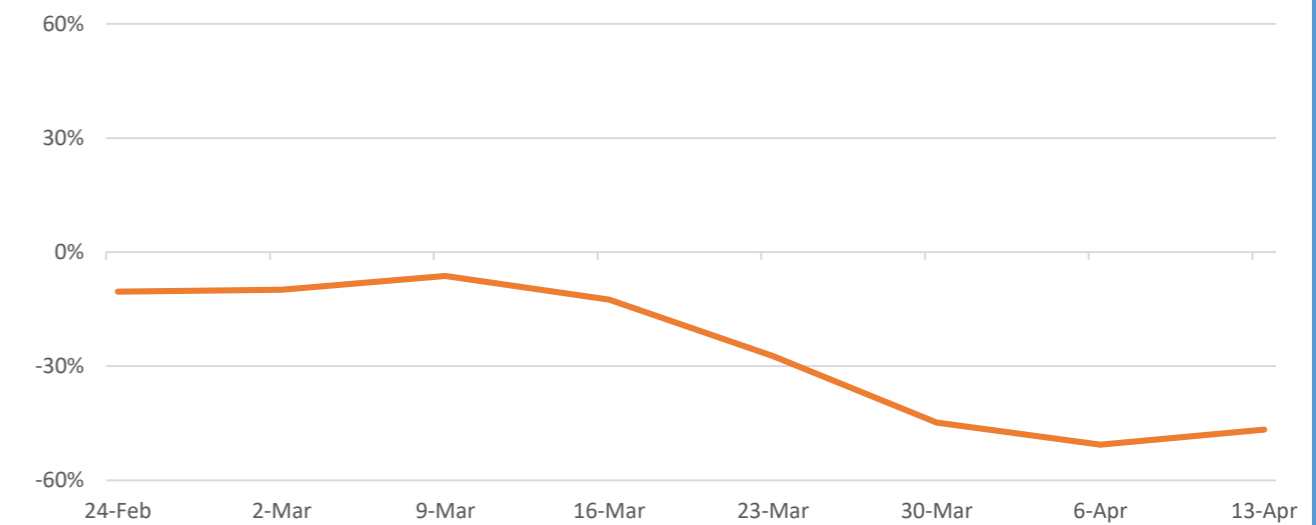
Key events:

- **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

13 Apr compared with same week last year



Source: KiwiRail

Rail freight compared to last week

4%

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/>