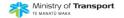
Travel under COVID 19 restrictions...?

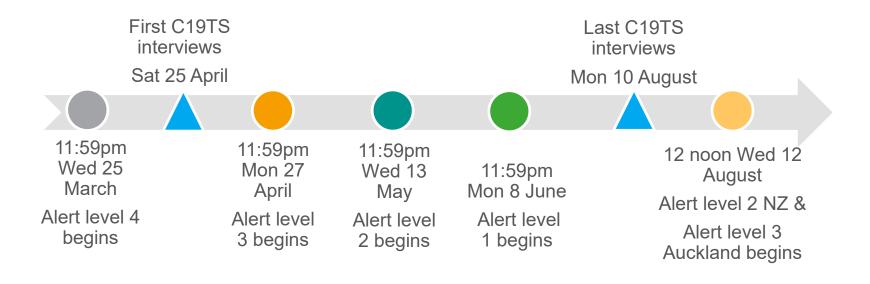
- Normally
 - New Zealand Household Travel Survey (NZHTS)
 - face to face surveying.
- Due to the COVID19 restrictions, we had to stop face to face surveying in March 2020.
- As a substitute, we ran a panel survey (C19TS) of previous NZHTS participants
 - 4 interviews over the phone per person, at fortnightly intervals

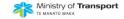




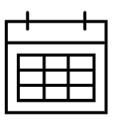
Timeline of alert levels

▶ We surveyed 1,275 unique participants and completed 4,177 interviews across the alert levels





Some survey questions



Frequency of travel to activities in the last 7 days

For example:

- Work
- Shopping
- Social/entertainment
- Walking or running for leisure or fitness



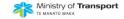
Where did you travel the <u>last time you left</u> your house?











Taster: Number of stops on tours involving shopping

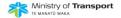


More there...

More detailed presentation of results at the Forecasting session of the Transport Knowledge Hub Webinar Series (Monday 30 November 2020)

Other data we have collected include:

- Activities participants needed to do but did not and the reasons why they did not.
- Further demographic breakdowns by:
 - Age, gender, ethnicity
 - Vulnerable people with respect to COVID19
 - Bubble sizes
 - Difficulties and disabilities
 - Employment status (including those employed in an 'essential service')
- Linkable back to original HTS responses



For more information (including data access processes), get in touch with us travelsurvey@transport.govt.nz

For more info on the Household Travel Survey

www.transport.govt.nz/travelsurvey



Thank you



COVID-19 Transport Impact Study purpose and design

Purpose

- > To continuously monitor and assess the impact of COVID-19 on New Zealanders' transport choices
- To investigate how transport choices, attitudes and perceptions are changing
- > To help understand, respond to and influence future travel habits

Study design

- > 15 minute online quantitative surveys of a nationally representative sample
- > Weekly sample of about 1,260 (15+ yr olds), including those with disability

Running for 24 waves (frequency varies)

Since Friday 3 April (Alert Level 4 began Thursday 26 March)

Published online: <u>www.nzta.govt.nz/covid-19-impacts-on-transport</u> Open data coming soon......



Context: New Zealand COVID-19 timeline

3 February

Travellers leaving from China denied entry to NZ unless they are NZ citizens or permanent residents

28 February

New Zealand confirms its first COVID-19 case

Travel restrictions introduced for those coming from Iran

14 March

Announcement that all travellers arriving in NZ must self-isolate for 14 days upon arrival

16 March

Public gatherings of more than 500 people banned

19 March

New Zealand bans all non-residents from entering the country

Indoor events of more than 100 people now banned

21 March

PM Jacinda Ardern announces a four level, country-wide alert system

New Zealand at alert level 2

23 March

NZ upgraded to level 3, public notified this would be raised to level 4 at 11:59pm, 25 March. Non-essential services required to close in 48 hours

24 March All public transport to be free during lockdown period

25 March

New Zealand upgraded to level 4, resulting in a nationwide lockdown

20 April

3 April Waka Kotahi COVID-19 impact tracker fieldwork begins

PM Jacinda Ardern announces NZ will move to level 3 at 11:59pm, 27 April, remaining there for at least two weeks

27 April

New Zealand moved to alert level 3 at 11:59pm

4 May

First day where no new COVID-19 cases are recorded in NZ

11 May

PM Jacinda Arden announces that New Zealand will move to level 2 at 11:59pm, 13 May, with schools to open Monday 18 May and bars Thursday 21 May.

13 May

New Zealand moved to alert level 2 at 11:59pm

18 May & 21 May

All schools open to students on Monday and bars allowed to open Thursday

8 June - New Zealand moved to alert level 1 at 11:59pm

16 June

Two new COVID-19 cases are confirmed after 24 days with no new cases, followed by more new cases.

25 June

12 active COVID-19 cases are confirmed in NZ, with a number of changes implemented to ensure improved border management

6 July - present

Victoria experiences a resurgence of COVID-19 cases and re-enters lockdown conditions. New cases also begin to appear again in NSW and restrictions begin to be re-imposed.

Like New Zealand, Victoria and NSW had previously reached a case load of zero and had seen lockdown restrictions lifted

15 July

PM Jacinda Ardern announces response framework going forward, which will involve localised lockdowns in the event of another community-wide outbreak of COVID-19

27 July

Tertiary institutions re-open for face-to-face lectures, with corresponding increase in traffic and mode used

11 August

New Zealand confirms four new community transmitted cases of COVID-19 in Auckland. PM Jacinda Ardern announces that Auckland will move to level 3 and the rest of New Zealand will move to level 2 at noon, 12 August

12 August Auckland moved to alert level 3 at noon, rest of New Zealand moved to alert level 2

12 August

New Zealand Police set up nine checkpoints at the borders of the Auckland region to monitor who is entering and exiting the city. Aucklanders asked to leave or enter for essential purposes only.

24 August

PM Jacinda Ardern announces that Auckland will remain at level 3 until 11.59pm on 30 August, with the rest of the nation remaining at level 2. Masks will become compulsory on public transport.

30 August Auckland moved to alert level 2.5 at midnight, rest of New Zealand remains at alert level 2

4 September

PM Jacinda Arden announces alert levels to remain in place for at least 10 more days.

14 September

PM Jacinda Arden announces alert levels to extend one more week and social distancing rules on transport to be relaxed, with mask wearing remaining compulsory

21 September

PM Jacinda Arden announces Auckland will move to level 2 on 23rd & the rest of New Zealand will move to level 1 at 11:59pm, with mask wearing no longer compulsory on public transport outside of Auckland

23 September Auckland moved to alert level 2 at 11.59pm

25 September Significant disruption to the Auckland transport network due to damage to the Auckland Harbour Bridge, coupled with disruption issues to the train network.

7 October Auckland moved to alert level 1 at midday to match rest of New Zealand

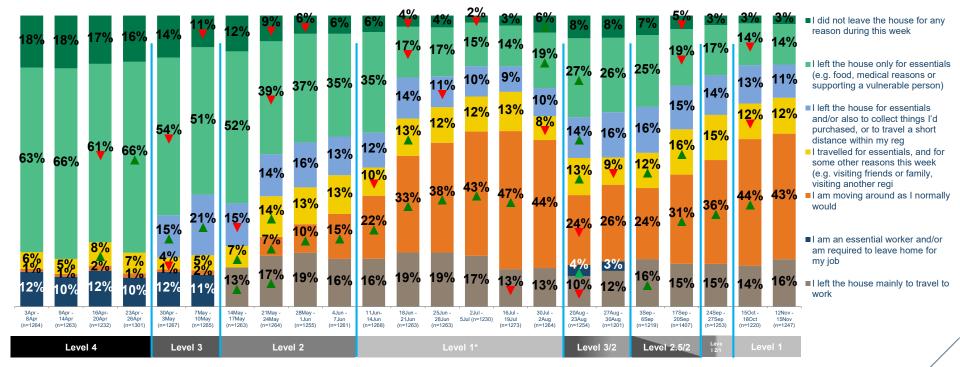
12 November

Single community transmission case reported in Auckland, with Auckland CBD workers urged to work from home. These conditions are lifted the following day. Reported community outbreak in Wellington as well.



Almost half say they're now travelling as they did pre-Covid & 17% are self-isolating in some way

Reported activity and movement during the past seven days by wave, excludes exercise

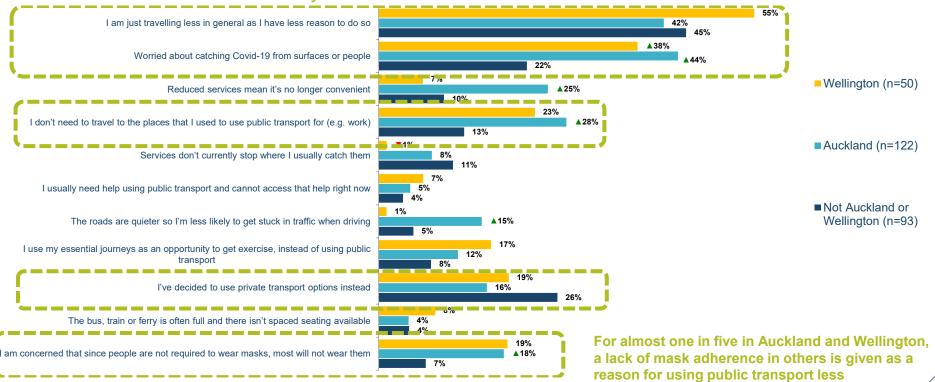


Which, if any of the following best describes your approach to leaving the house over the last week, excluding for exercise?



Reasons people reported using public transport less

Reasons for decrease in PT activity

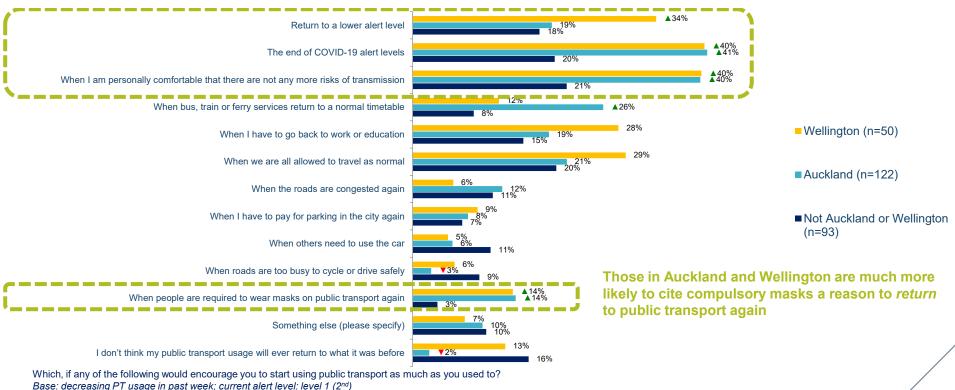


For which, if any of the following reasons, has your use of public transport decreased? Base: decreasing PT usage in past week; current alert level: level 1 (2nd)



Reasons that might encourage their public transport return

Encourage to return to PT use





Return to school – intention vs behaviour

Hesitancy and resistance did not translate into keeping kids at home as some had indicated

Week prior to 18 May

47% parents certain to return children to school*

18 May wider school re-opening

80% parents said children had returned to school

1 week post 18 May

85% parents said children had returned to school

^{*} Includes 9% children who had already returned



Working from home

Potential for major impact on the transport network



^{*} mainly or completely from home



Wrap-up & Questions

Many other topics



 Many other topics – concern re: catching Covid-19 & the economy, shopping, disability, Covid-19 vulnerable, domestic tourism, active modes, self-isolation, reintroducing of fares for public transport, modal shift patterns and volume of mode usage, journey barriers and lost journeys, perceptions of travel modes......

Published online: www.nzta.govt.nz/covid-19-impacts-on-transport
Open data coming soon.......



Acknowledgements

- Ipsos: Bart Langton, Tom Magill, Cameron Robinson, Marise Russo & Carin Hercock
- Waka Kotahi: Deb Hume, Carol Christie, Galina Mitchelhill, Glen Wright, Ashita Nepak, Karen Brodie, Nigel Curran & Peter Cockrem
- MoT: Carolina Lukkien, Bryce Hartell & Brittany Farrant-Smith

