

CV-19 Related Surveys in New Zealand, early April 2020: Research Note 1

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1 Introduction

The government's Covid-19 pandemic response is a high-trust model, depending on public goodwill and cooperation. As such, public attitudes towards the government's handling of the crisis and their responsiveness to the Unite Against Covid-19 campaign are important to measure, as is the public's understanding of the various elements that make up the public health campaign.

This research note compiles existing surveys (and similar data analysis) that deal with:

- Individual views, attitudes and behaviours around the virus itself, and
- Views, attitudes and behaviours about wider aspects such as the effects on families, the economy, and the state.

Important information that it would be useful to survey include:

- Knowledge and understandings about the pandemic itself and its likely effects (including how it operates, likely length of control measures etc.);
- Compliance with behavioural measures required: washing hands, social distancing, face masks, travelling, shopping arrangements;
- Time use and time use changes;
- Family impact: housing and other costs;
- Knowledge of and support for agencies involved in CV-19 response;
- Morale (happiness, stress, issues which are problematic);
- Characteristics of 'bubbles,' including social characteristics of people in it. Who are in people's bubbles and how they relate to each other: e.g. existing family units versus ones including 'foreign elements' or single people.

Several market research firms are in the field. Those coming to my attention include:

- UMR: carrying out focus groups, and has an omnibus module in the field.
- IPSOS: rounds of research drawing in part on an international study with New Zealand interviewing beginning mid-March (n=1000). Available by subscription.
- Research NZ:
<https://www.researchnz.com/pdf/Media%20Releases/2020/Covid19Concerns2.pdf>
- Stickybeak, commissioned by *The Spinoff*. <https://thespinoff.co.nz/society/28-03-2020/how-are-we-feeling-about-covid-19-the-first-opinion-poll-since-nz-locked-down/>

- Colmar Brunton polling of whether New Zealanders support the government's handling of the Covid-19 crisis, and how New Zealanders are reacting compared to people in G7 countries. <https://www.colmarbrunton.co.nz/covid-times/>.
- Finder survey on broadband issues, as reported in the *New Zealand Herald*. https://www.nzherald.co.nz/business/news/article.cfm?c_id=3&objectid=12322657
- Opinion Compare surveys of New Zealanders, as reported in the *New Zealand Herald*. https://www.nzherald.co.nz/nz/news/article.cfm?c_id=1&objectid=12322059
- Utting Research: poll of New Zealanders, as reported on the Stuff website. <https://www.stuff.co.nz/national/politics/120003679/coronavirus-kiwis-want-more-border-control-dont-think-govt-can-stop-outbreak>
- Te Pūtahitangi te Waipounamu survey of South Island Māori, as reported on the Stuff website. <https://www.stuff.co.nz/national/health/coronavirus/120803527/coronavirus-whanau-ora-agency-offers-crisis-line-navigators-to-support-whanau-in-crisis>
- Perceptive COVID-19 insights tracker: personal and business surveys. (Data in this research note reproduced with permission.) https://www.perceptive.co.nz/covid-19-new-zealand-insights-tracker?_ga=2.27522868.961548850.1586205366-366033772.1585964207
- OneRoof survey of real estate agents and property experts. <https://www.oneroof.co.nz/news/nzs-lockdown-housing-market-whos-buying-whos-biding-their-time-37783>
- Auckland Chamber of Commerce survey of (mostly) Auckland businesses. As reported on TVNZ's One News. <https://www.tvnz.co.nz/content/tvnz/onenews/story/2020/04/05/third-of-businesses-fear-permanent-closure-during-covid-19-crisis.html>
- Wellington Chamber of Commerce and Business Central survey of businesses' contingency planning, as reported in the *New Zealand Herald*. https://www.nzherald.co.nz/business/news/article.cfm?c_id=3&objectid=12322094
- Royal New Zealand College of General Practitioners survey of GPs, as reported on the Stuff website. <https://www.stuff.co.nz/national/health/coronavirus/120757765/coronavirus-hundreds-of-doctors-have-hours-cut-while-dozens-are-out-of-work>

This research note endeavours to pull together current programmes to see how they interrelate and indicate future information needs.

Several of these studies have (or intend to have) an over-time element, in particularly comparing the Stage 2 v Stage 4 Levels of response. This means regular updating of this research note is needed. A few surveys enable breakdown of their data by social background characteristics. Many operations are being offered as a public service.

This is also an interesting study into the pattern of survey reactions to disasters and similar events: reporting via the media does not always provide all relevant details.

1 Time Line of Surveys (field work dates where possible)

28.01.2020	The Ministry of Health set up the National Health Coordination Centre (NHCC)
30.01.2020	Infectious and Notifiable Diseases Order issued
3.02.2020	Foreign travellers who left from China to be denied entry to NZ
07.02.2020	Dedicated Healthline freephone number for Covid-19 set-up
26.02.2020	
28.02.2020	First case of CV-19 in NZ
02.03.2020	
04.03.2020	
05.03.2020	Utting Research1
06.03.2020	
12.03.2020	
13.03.2020	IPSOS
14.03.2020	
15.03.2020	
16.03.2020	
17.03.2020	
18.03.2020	
19.03.2020	Research NZ1
20.03.2020	Utting Research 2
21.03.2020	
22.03.2020	
23.03.2020	Alert Level 3, Perceptive 1
24.03.2020	Opinion Compare 1
25.03.2020	Alert Level 4, State of Emergency
26.03.2020	Research NZ2, Perceptive 2,
27.03.2020	
28.03.2020	
29.03.2020	
30.03.2020	
31.03.2020	Perceptive3
01.04.2020	
02.04.2020	Opinion Compare 2
03.04.2020	Wellington Chamber of Commerce
04.04.2020	
05.04.2020	
06.04.2020	

2 Ministry of Health (MOH) Data:

Grasping the demography of CV-19 patients is a necessary foundation. MOH data lists the gender, age, DHB location and overseas visit status of each of the cases (n=1028 at time of analysis 6th April) and, separately, ethnicity and type of transmission, and where clusters have occurred. The data is displayed centrally but is collected by 12 regional public health units. The dates lag since it can take several days for test results to be obtained. Missing data is considerable even on gender, but especially on travel situation. With constant updating, copies of past data are difficult to source.

In terms of timing, new confirmed and probable cases were between 60 and 80 there has been a 22nd March the 6th of April, with drops to 54 and 50 for the 7th and 8th. There are slightly more women and the peak age-group is 20-29. The Auckland DHB has the largest load by DHB. Over 40% of cases are associated with international travel, especially from USA, UAE, the UK and Australia. 13 clusters have been identified, again especially in Auckland. Although most cases remain European, Māori and Pasifika are under-represented. This could be related to international travel, or under-testing.

MOH Data: Timeline of Confirmed Cases by Date

Source: <https://www.health.govt.nz/our-work/diseases-and-conditions/covid-19-novel-coronavirus/covid-19-current-situation/covid-19-current-cases/covid-19-current-cases-details>

		Frequency	Percent	Cumulative Percent
Valid	26.02.2020	1	.1	.1
	28.02.2020	2	.2	.3
	02.03.2020	1	.1	.4
	04.03.2020	2	.2	.6
	06.03.2020	1	.1	.7
	12.03.2020	1	.1	.8
	13.03.2020	1	.1	.9
	14.03.2020	1	.1	1.0
	15.03.2020	1	.1	1.1
	16.03.2020	7	.7	1.8
	17.03.2020	12	1.2	2.9
	18.03.2020	5	.5	3.4
	19.03.2020	19	1.8	5.3
	20.03.2020	11	1.1	6.3
	21.03.2020	24	2.3	8.7
	22.03.2020	45	4.4	13.0
	23.03.2020	40	3.9	16.9
	24.03.2020	57	5.5	22.5
	25.03.2020	84	8.2	30.7
	26.03.2020	78	7.6	38.3
27.03.2020	73	7.1	45.4	

28.03.2020	67	6.5	51.9
29.03.2020	74	7.2	59.1
30.03.2020	52	5.1	64.2
31.03.2020	76	7.4	71.6
01.04.2020	73	7.1	78.7
02.04.2020	76	7.4	86.1
03.04.2020	62	6.0	92.1
04.04.2020	43	4.2	96.3
05.04.2020	38	3.7	100.0
Total	1028	100.0	

Characteristics of Confirmed Cases (5 April 2020)

	Count	Column N %
Sex	13	1.3%
Female	545	53.0%
Male	470	45.7%
Age Group	3	0.3%
<1	1	0.1%
1 to 4	8	0.8%
5 to 9	1	0.1%
10 to 14	23	2.2%
15 to 19	49	4.8%
20 to 29	261	25.4%
30 to 39	153	14.9%
40 to 49	150	14.6%
50 to 59	167	16.2%
60 to 69	141	13.7%
70+	70	6.8%
Unknown	1	0.1%
DHB	1	0.1%
Auckland	143	13.9%
Bay of Plenty	30	2.9%
Canterbury	72	7.0%
Capital and Coast	76	7.4%
Counties Manukau	75	7.3%
Hawke's Bay	31	3.0%
Hutt Valley	18	1.8%
Lakes	12	1.2%
MidCentral	25	2.4%
Nelson Marlborough	36	3.5%
Northland	16	1.6%

	South Canterbury	10	1.0%
	Southern	172	16.7%
	Tairāwhiti	1	0.1%
	Taranaki	14	1.4%
	Waikato	141	13.7%
	Wairarapa	8	0.8%
	Waitemata	136	13.2%
	West Coast	4	0.4%
	Whanganui	7	0.7%
International travel		172	16.7%
	No	394	38.3%
	Yes	462	44.9%
Last country		596	58.0%
	Argentina	4	0.4%
	Australia	68	6.6%
	Austria	1	0.1%
	Belgium	1	0.1%
	Brazil	1	0.1%
	Cambodia	2	0.2%
	Canada	12	1.2%
	Chile	2	0.2%
	Egypt	2	0.2%
	England	16	1.6%
	Fiji	1	0.1%
	France	7	0.7%
	Germany	3	0.3%
	Greece	1	0.1%
	Hong Kong	1	0.1%
	India	1	0.1%
	Indonesia	10	1.0%
	Iran	1	0.1%
	Ireland	3	0.3%
	Italy	1	0.1%
	Japan	1	0.1%
	Malaysia	3	0.3%
	Mexico	1	0.1%
	Middle East	1	0.1%
	Netherlands	1	0.1%
	New Zealand	11	1.1%
	Northern America	1	0.1%

Philippines	4	0.4%
Polynesia	1	0.1%
Portugal	1	0.1%
Qatar	20	1.9%
Saudi Arabia	1	0.1%
Scotland	1	0.1%
Singapore	20	1.9%
South Africa	3	0.3%
Spain	3	0.3%
Switzerland	7	0.7%
Thailand	3	0.3%
United Arab Emirates	45	4.4%
United Kingdom	56	5.4%
United States of America	108	10.5%
Viet Nam	1	0.1%
Zimbabwe	1	0.1%

Clusters under investigation (7 April 2020)

Cluster	Location	Total to 7 th April
School	Auckland	77
Event	Southland	73
Workplace	Waikato	59
Event	Queenstown	35
Workplace	Auckland	21
Event	Auckland	19
Group travel to USA	Wellington	18
Cruise Ship	Hawke's Bay	16
Rest home	Christchurch	15
Group travel overseas	Auckland	15
Rest home	Waikato	14
Event	Wellington	13

Total cases by ethnicity (4 April 2020)

Ethnicity	Proportion
European	73.51
Asian	8.41
Unknown	6.78
Maori	7.87
Pasifika	3.44
Melaa	NA

Transmission source (7 April 2020)

Transmission type	% of cases
Recent overseas travel	42%
Contact with known case	41%
Community transmission	2%
Source under investigation	16%

3 Modelling

Andrew Sporle has set up a website to assist people wanting to run models.

<http://nzcovid19equity.nectar.auckland.ac.nz/covid19-modelling/>

MOH modelling reports are at: <https://www.health.govt.nz/publication/covid-19-modelling-reports>

The Spinoff has a monitoring system: <https://thespinoff.co.nz/covid-19/02-04-2020/siouxie-wiles-one-simple-thing-you-can-do-in-seconds-to-help-make-nz-healthier/>. People sign up online and every week they are sent a short online survey that takes just a few seconds to fill out. Participants are asked if anyone in their household had a fever or cough over the last week. If the answer is yes to any of those questions, they are asked a few more: have they also had a sore throat, taken any time off work, or seen a doctor or other healthcare provider? They will also be asked if anyone was tested for Covid-19, and if anyone has had the flu vaccine.

Market research firm *Perceptive* has set up a do-it-yourself analytical system retrieving information from its surveys: <https://www.perceptive.co.nz/covid-19-new-zealand-insights-tracker>. There are six headings (Emotion, Concern, Impact, Behaviour, Lockdown and To Help) which can be broken down by age, gender, region and business size using the drop-down menus.

4 Surveys

Overview Commentary

The following notes begin to bring together some of the patterns found across the various surveys. These include:

Expectations are that getting back to normal is a long-term prospect.

Concerns re virus are high and have increased over time.

Concerns about coping, housing cost management, obtaining food etc. are moderately high but falling. Earlier at least, concern with losing job was low. Concern with impact on children is high and accessing government services moderately high. Concern among South Island Māori families about running out of food, and financial problems.

Reported compliance with requirements is high.

Plans for keeping occupied were widespread and appeared to be kept to. They included work on house and section. However, TV/movie watching, book-reading and exercise are high.

Support for government handling is now high, but wasn't earlier. There is also high support for policing to enforce lockdowns. This includes awareness of preparedness to use the flouter website. Not much stocking up has been reported.

It is thought that the community effects will be positive, and that mental issues are more likely to improve than deteriorate. Moods hadn't changed.

Teddy bear display is widespread.

News comes from television and online or social media, and respondents report paying much attention.

Impacts in the economy are seen as severe and reported by businesses as being severe.

Respondents seemed satisfied with amount of information they are receiving.

4.1 Google mobility data https://www.gstatic.com/covid19/mobility/2020-03-29_NZ_Mobility_Report_en.pdf

Google has released a data set which shows how different countries are locking down, and which NZ regions are most compliant with its lockdown. This has been created using the anonymised cellphone location data, and its Maps product to show extent of movements since lockdowns became widespread in March (which is the baseline). Categories of places tracked include retail and recreation, groceries and pharmacies, parks, transit stations, workplaces, and residential. There is a remarkable scale of reduction in usage in New Zealand: especially retail and recreation, parks and even grocery and pharmacy. This suggests most New Zealanders understand the purpose and nature of the stage 4 lockdown.

Retail and recreation	- 91%
Grocery and pharmacy	-54%
park usage	- 78%

4.2 Research NZ: <https://www.researchnz.com/>

Between Thursday 19 and Sunday 22 March 2020, and again 26-29 March, online surveys (n=1000) of a nationally representative sample of New Zealanders, 18 years of age and over were undertaken. <https://www.researchnz.com/pdf/Media%20Releases/2020/Covid19Concerns2.pdf>

Based on what you have seen internationally, how long do you think it will last in NZ before everything goes back to normal? (Time 1)

Within 1 month	5%
Less than 3 months	15%
6 months	23%
Longer	42%
Never	*%.

Concerns:

	Time 1	Time 2
The chances of you/someone close to you becoming seriously ill from the virus	86%	92%
The chances of you getting the virus	80%	
Not being able to pay your mortgage/rent	64%	
How you would manage if you/someone in your household had to self-isolate for 14 days	63%	
That your household might run short of food/other grocery items	62%	52%
Losing your job	9%	

Note that younger respondents (i.e. those aged under 45 years) were the more concerned than older respondents.

Further Questions asked at Time 2:

Lockdown will be challenging	44%
Have a plan to keep occupied during lockdown	90%
Concerned about the impact of COVID-19 on their children	86%
Businesses being able to get Government CV-19 services (e.g. wage subsidies)	70%
People being able to get Government CV-19 services (e.g. pension, benefits)	66%
NZers are acting on Government information and limiting their contact with others (agree)	87%

4.3 Stickybeak (For *The Spinoff*)

Respondents were self-selecting participants (n=600), recruited via Facebook and Instagram.

Results are weighted by age, gender and region to statistics from the 2018 Census. The study went into the field at 5pm Monday 23 March (just after the PM's announcement of level 3 and 4 restrictions) and was completed at midday Friday 27 March.

<https://thespinoff.co.nz/society/28-03-2020/how-are-we-feeling-about-covid-19-the-first-opinion-poll-since-nz-locked-down/>

How concerned are you about the health effects of Covid-19 for	You personally?	Your personal financial situation?
Concerned about their personal health	61%	45%
[very concerned/concerned]	[47%, 14%]	19%
unconcerned	22%	19%
[unconcerned or not at all concerned]	[12%,10%]	[6%,11%]

Overall, the government's response to Covid-19 has been:

Excellent	80%
Terrible	9%

Have you stocked up on supplies, or shopped more heavily than normal?

Yes	38%
No	62%

The government has now said that we all need to stay at home; not go to school or work; not travel or socialise with people outside our home for at least 4 weeks. Do you plan to comply?

Yes	91%
No	9%

The government has said it will enforce this quarantine and those that break it may be arrested and prosecuted. Do you agree this is necessary?

Yes	80%
No	7%
Don't know	13%

In the immediate future, the Covid-19 pandemic is more likely to make New Zealanders:

More united & supportive of each other	62%
More suspicious and less trusting of each other	16%
Neither/unsure	23%

How do you think that four weeks at home will affect your mental health? I will feel..

Much better	18%
Better	24%
Neither	37%
Worse	14%
Much worse	7%

How often are you seeking updates and information on the virus and its spread?

Almost constantly	18%
Hourly	7%
Several times a day	52%
Less than once a day	23%

Which three of the following media channels do you most rely on most for information on Covid-19?

TVNews	54%
Online News	51%
Social Media	43%
Search engines (e.g. Google)	24%
Radio	21%
Printed newspapers/magazines	6%

4.4 Colmar Brunton survey of New Zealanders' support for government response

Colmar Brunton polling for TVNZ in [mid-February](#) found that at that time 62% of New Zealanders felt the government had “responded appropriately to the coronavirus outbreak”. Colmar Brunton has a section of its website for Covid-19 surveys, called The COVID Times:

<https://www.colmarbrunton.co.nz/covid-times/>. Their New Zealand survey from April 3-5 in which 601 online interviews of people over 18 were carried out, weighted by age within gender, ethnicity, education level and region. Support for government responses was higher in April compared to February, and also higher in New Zealand when compared to similar surveys in other countries. The polling company compared the response to equivalent surveys by its sister operations in Britain, the US, Italy, Canada, France, Germany and Japan, the nations that make up the G7.

	New Zealand (April)	G7 Comparison
Trust in the Government to deal successfully with national problems	83%	
Trust the government to make the right decisions on Covid-19	88%	59%
Approve of government handling of the outbreak	84%	54%,
Covid-19 has impacted their personal income	42%	29%
Government as “the most trusted source of reliable information about the outbreak	31%	13%
Believe it will take more than six months to get back to normal	64%	37%
They are “doing what the government has asked of them to slow down the spread of Covid-19”	90%	
Believe the behaviour of New Zealand citizens in response to the outbreak was “poor	27%	

4.5 Finder survey on broadband issues

A Finder survey of 2142 respondents found an increase in network traffic has led to a "surge in buffering issues." Finder extrapolates its results to say 68 per cent of Kiwis are experiencing dropouts when watching video content, while a third (32 per cent) face the buffering wheel at least once per week when streaming. It says 15 per cent are experiencing video streaming problems daily. The survey was demographically weighted, and carried out by global research house Qualtrics during March. Reported in the *New Zealand Herald*:

https://www.nzherald.co.nz/business/news/article.cfm?c_id=3&objectid=12322657

4.6 Opinion Compare survey March and early April

Teddy in their window	1/3
Say they're on a bear hunt while getting some fresh air	1/5
Extremely worried about their personal finances during the pandemic.	16%
Believe they will catch coronavirus	50%
Remain concerned they will not be able to pay their mortgage, rent or bills	27%
Prime Minister Jacinda Ardern's handling of the Covid-19 crisis is excellent, March	48%
Applauding of Prime Minister Ardern's handling of the Covid-19 crisis, April	69%
Agreement with Ardern's decision to close supermarkets on Good Friday but for them to open their doors on Easter Sunday	68%
Participants who report tidying up their home	70%
Participants who report gardening	61 %
Aware of the Police website where people can dob in lockdown rule flouters	86%
Would use Police website where people can dob in lockdown rule flouters	66%
Fear they would run out of toilet paper	2%

Reported in the *New Zealand Herald*,

https://www.nzherald.co.nz/nz/news/article.cfm?c_id=1&objectid=12322059

4.7 Utting Research/Stuff

These surveys were conducted via robocalls, with the results sampled to match New Zealand's population. Two surveys have been released so far for early March (n=1900) and on the weekend before the announcement of the Level 4 shutdown (20-21st March).

New Zealanders were particularly despairing of the country's border controls and quarantine arrangements.

	Early March	Mid-March
Confident that quarantine and border systems will prevent a large-scale outbreak	37%	41%
...Not confident	47%	
Want travel bans on all passengers from countries where the virus has caused death	55%	
Satisfied with the Government's handling of the issue	47%	62%
...Dissatisfied	34%	
...Unsure	19%	
Think NZ's doctors were adequately trained to deal with the novel coronavirus	39%	
Worried about contracting the virus themselves	41%	58%
...Unworried	47%	

...Unsure	12%	
Changed or planned to change travel plans due to the virus		36%
Would support a lockdown - with people asked not to leave their homes - in any region of New Zealand where the virus was "most prevalent".		93%
Agreed with the Government's decision to cancel large events		95%
Supported the Government providing a multi-billion dollar stimulus package		83%
Support shutting down schools		58%
Thought the virus would hit the economy "badly" or "very badly"		91% (60% v badly)
Thought New Zealand's medical system was adequately prepared to deal with a "large-scale outbreak"		17%

Reported on the Stuff website <https://www.stuff.co.nz/national/politics/120003679/coronavirus-kiwis-want-more-border-control-dont-think-govt-can-stop-outbreak>

4.8 Te Pūtahitangi te Waipounamu survey of South Island Māori

The South Island Whānau Ora commissioning agency Te Pūtahitanga te Waipounamu sent out a survey to which, by Friday 3rd April, 878 people had responded. This covered 3650 individual whānau members. About 45 per cent of respondents said they wouldn't have enough kai to last them four weeks. A third of survey respondents said they had been unwell in the previous week. Many were also anxious about their financial security. Reported on the Stuff website <https://www.stuff.co.nz/national/politics/120003679/coronavirus-kiwis-want-more-border-control-dont-think-govt-can-stop-outbreak>

4.9 Perceptive surveys

Sample of ~n=1000 New Zealanders over 18 years old; weighted to be nationally represented (Age, Gender, Location). 5-10 minute survey. Fieldwork timing 23 March (Alert Level 2) (19th March 2020 – 23rd March) n=1041 and 26 March (Alert Level 4) n=966. Further surveys were carried out 23 March with business decision makers; n=275 & 26 March n=183. https://www.perceptive.co.nz/covid-19-new-zealand-insights-tracker?_ga=2.27522868.961548850.1586205366-366033772.1585964207

Q Thinking back over the last week, how often did you feel (Often + Very Often)

	26th	23rd
% Loving	54%	54%
Happy	50%	51%
Positive	49%	49%
Content	42%	44%
Stressed	37%	36%
Joyful	35%	36%
Scared	21%	16%
Sad	21%	22%
Negative	19%	22%
Angry	13%	16%

Q How concerned are you about the Coronavirus/COVID-19 situation?

Not Concerned (1,2)	4%	8%
Concerned (3,4,5)	46%	50%
Extremely Concerned (6,7)	50%	42%

Q Given the recent change in New Zealand to Alert Level 4, how are you feeling about the government imposed 4-week lockdown?

	23+26th
I am positive about the situation and feel this is a good opportunity to spend time with loved ones	28%
I am trying to be positive about the situation but am taking each day as it comes	46%
I am not too bothered by the 4-week lockdown	18%
I am very worried	4%
Other	4%

And what are you planning to do while the country is on lockdown? Average of 4 activities while on lockdown	
Watch TV/Movies	71%
Do work around the house (i.e. painting/fixing things/building things)	57%
Read books	56%
Personal development – physical activities i.e. exercise	49%
Work from home	34%
Play board games	28%
Personal development – mental activities i.e. meditation	24%
Play with the children	24%
Learn a new skill i.e. a language, play an instrument etc.	14%
Take up a new hobby Other (Please specify)	9%
Not sure	17%
Q How do you think the Coronavirus/COVID-19 will impact on the following (6,7 Very Negative Impact)	
Local businesses	85%
The global economy	83%
The NZ economy	80%
International businesses	77%
Impact on the health and wellbeing of people globally	70%
The NZ healthcare system	65%
Impact on the health & wellbeing of other New Zealanders	54%
My/your family's financial situation	41%
My friends/family's health	28%
My health	19%
My children's education	18%

How would you rate the following industries based on how they are responding to the COVID-19 crisis?

	Not concerned	Neutral	Positive
Supermarket	7%	13%	79%
Healthcare	6%	16%	78%
Banking	8%	39%	53%
Broadband	7%	42%	50%
Retail Energy/Power	17%	38%	45%
Insurance	8%	52%	40%

Business decision-makers' survey:

In what way is your business being impacted?	1 - Sole Trader (N=53)	2-9 FTE (n=68)	10-49 FTE (n=33)	50+ FTE (n=29*)
Less customers, sales and/or demand	34%	43%	43%	55%
Work projects/events being postponed/cancelled	39%	33%	27%	47%
Clients closing business/stopping projects	21%	33%	25%	38%
Low profitability, revenue or ROI	25%	32%	31%	26%
Salary reductions/leave without pay	10%	32%	21%	21%
Employee well-being	8%	21%	33%	33%
Employee's working from home	10%	13%	26%	55%
Budget cuts	3%	15%	11%	35%
International markets down	7%	6%	25%	6%
Cannot import or export resource	3%	11%	10%	4%
Employee's being let go	2%	8%	11%	10%
Over-capacity/over-worked	6%	3%	12%	9%
Other (please specify)	12%	15%	1%	2%
It has not been affected yet	2%	3%	2%	2%
My business won't be affected by this	12%	0%	0%	0%

What do you think could be done to help ease some of that impact?	1 - Sole Trader (N=53)	2-9 FTE (n=68)	10-49 FTE (n=33)	50+ FTE (n=29*)
Government aid/funding	43%	48%	31%	49%
Payments put on hold/rent holiday	22%	48%	11%	23%
Cut costs where I can	25%	33%	18%	38%
Working from home/reduced hours	12%	16%	28%	50%
Utilise technology	22%	21%	27%	16%
Find other revenue streams	18%	23%	14%	8%
Contingency planning/adapt strategy	10%	24%	12%	16%
Reduced hours/leave without pay/staff take annual leave	9%	19%	17%	17%
Increase communication	8%	11%	7%	16%
Carry on business as usual	8%	13%	11%	2%
Closing of the business	1%	10%	7%	12%
Lay off staff	0%	11%	3%	16%
Other (please specify)	3%	2%	0%	0%
Nothing - wait for this to stop	31%	9%	17%	20%

Q Do you think the government is doing enough in response to Coronavirus/COVID-19?

Yes they are doing as much as they can	75%	54%
They are, however I think they could be doing more	18%	30%
No they aren't doing enough	4%	13%
Prefer not to answer	3%	2%

	Q How do you feel about the amount of Coronavirus/COVID-19 information you are receiving at the moment from the media?		Q How do you feel about the amount of Coronavirus/COVID-19 information you are receiving at the moment from the New Zealand government?	
	26th	23rd	26th	23rd
I receive a lot of information but I feel this is necessary	61%	50%	75%	63%
I receive a lot of information and I am getting overwhelmed	34%	42%	18%	21%
I feel that I am not getting enough and want more information	4%	7%	6%	14%
I am not getting any and prefer it this way	1%	2%	2%	2%

Q Given the dynamic situation, how important do you feel it is that businesses continue to survey New Zealanders like you for your opinions? 93%

Q What ways would you prefer to participate in research activities at this time?
Online surveys 90%

4.10 House-Buying

OneRoof, a division of NZME (owners of the *New Zealand Herald*), asked real estate agents and property experts across the country if buyers should put their plans on hold given the uncertainty in the market and the wider economy as a result of the coronavirus. Most reject the idea that there are no options for buyers right now and argue that the lockdown is a good time for who are financially secure to get the drop on their competition. Agents in the major metropolitan areas were less concerned about price drops than those in the regions. Interest from Chinese investors in new development projects appears to be as strong as ever. Of course, it should be noted that real estate agents have a vested interest in portraying the property market in a positive light.

<https://www.oneroof.co.nz/news/nzs-lockdown-housing-market-whos-buying-whos-biding-their-time-37783>

4.11 Business surveys on contingency planning

The survey (n=437) conducted by Wellington Regional Chamber of Commerce and Business Central during the 15-day period before the Government moved to alerts levels 3 and 4.

Having no contingency planning in place	17%
Business expectations: Expect the economy to be worse in 12 months' time	60%
Businesses' confidence in their own prospects	13%
Businesses' confidence in the regional economy	45%

<https://www.tvnz.co.nz/content/tvz/onenews/story/2020/04/05/third-of-businesses-fear-permanent-closure-during-covid-19-crisi.html>

An Auckland Chamber of Commerce (n=1000) found that one-third of businesses were facing closure. <https://www.tvnz.co.nz/content/tvz/onenews/story/2020/04/05/third-of-businesses-fear-permanent-closure-during-covid-19-crisi.html>

4.12 Survey of GPs

A Royal New Zealand College of General Practitioners (RNZCGP) survey has found 600 doctors have had their hours reduced, 47 were out of work and 74 locums - who fill in when doctors are absent - have no work for April. Nearly 900 of NZ's 5500 GPs responded to the survey.

Reported here:

Bridie Witton. (2020, April 2). Coronavirus: Hundreds of doctors have hours cut, while dozens are out of work. Stuff. <https://www.stuff.co.nz/national/health/coronavirus/120757765/coronavirus-hundreds-of-doctors-have-hours-cut-while-dozens-are-out-of-work>

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