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# Testing for COVID-19

Information on lab testing and capacity and testing rates by ethnicity and DHB.

Last updated 1pm 22 February 2021.

All data on this page is as at 9:00 am on 22 February 2021 unless otherwise stated.

Data on this page is now updated daily.

Data is collected from the EpiSurv database (administered by ESR) unless otherwise stated.

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- [How testing works - Unite against COVID-19](#)

## Testing summary, status, and results

### COVID-19 viral testing

People tested	Test results delivered in past 24 hours	Test results delivered during past week
People who travelled internationally	778	7247
People working at the border, in managed facilities, or near people travelling internationally	474	6942
Within New Zealand, not linked to the border	2586	57681
Other	44	498
<b>Total</b>	<b>3882</b>	<b>72368</b>

### COVID-19 testing status

	Total
All COVID-19 viral tests administered*	1,662,321
Testing kits in stock (updated weekdays only)	191,075

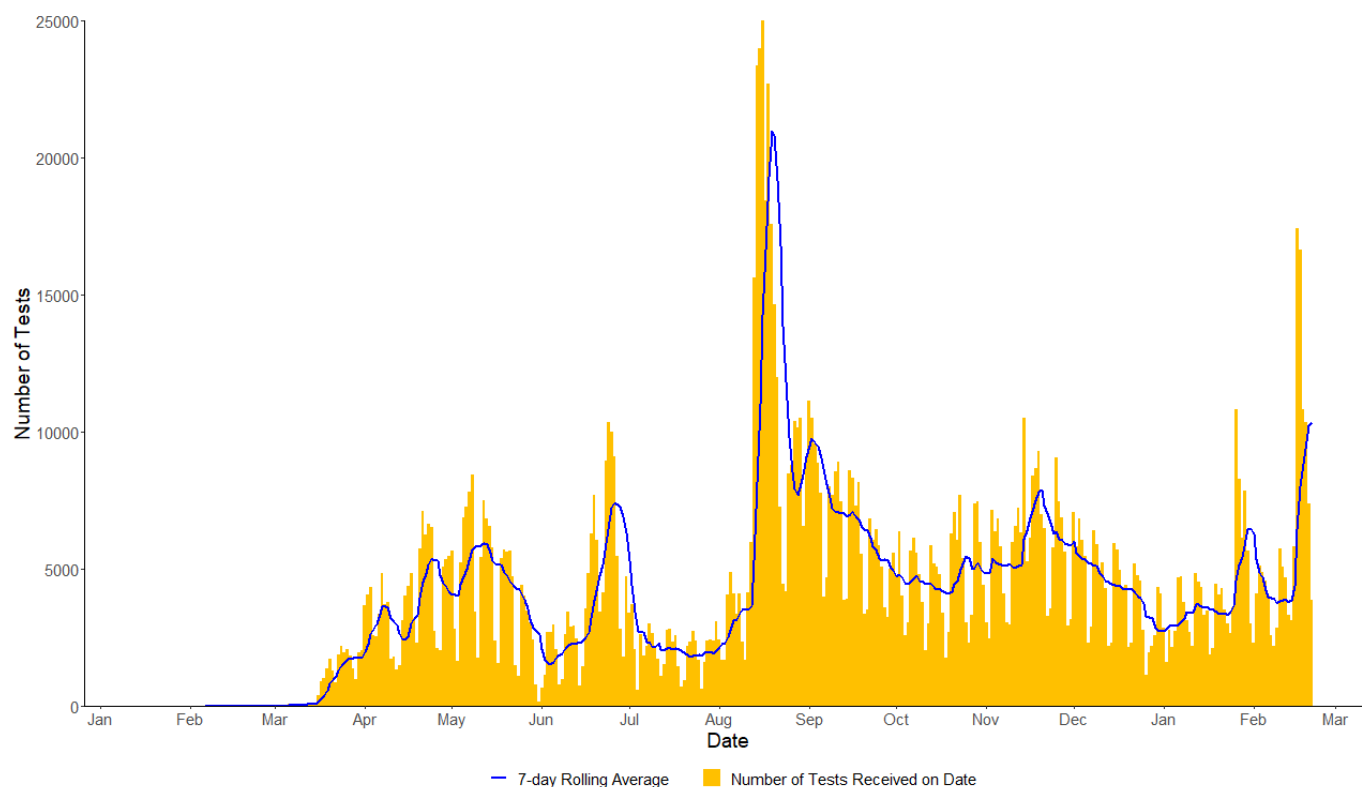
\* Covers the period from 22 January 2020 (first test in New Zealand) to 22 February 2021. Note that some people are tested more than once.

### Testing results from 22 January 2020\* to 22 February 2021

Test results	In managed facilities	Within NZ communities	Total
Tested positive for COVID-19	802	1936	2738
Tested negative (no COVID-19)	194233	1465099	1659332
Inconclusive result for COVID-19	4	247	251

Test results	In managed facilities	Within NZ communities	Total
<b>Total (all tests)</b>	<b>195039</b>	<b>1467282</b>	<b>1662321</b>

\* First test for COVID-19 in New Zealand was on 22 January 2020. Note that some people are tested more than once.



Daily number of tests completed for COVID-19 (with seven-day rolling average)

## Testing over the past 4 weeks

### Tests at managed facilities and within the community in district health boards (DHBs)

DHB of Patient Domicile	25 Jan to 31 Jan	1 Feb to 7 Feb	8 Feb to 14 Feb	15 Feb to 21 Feb
<b>Managed isolation and quarantine facilities</b>	7630	7249	7328	7247
<b>Auckland</b>	5278	3151	3046	7948
<b>Bay of Plenty</b>	1090	781	764	1855
<b>Canterbury</b>	2475	2102	1958	4142
<b>Capital and Coast</b>	1175	983	893	2583
<b>Counties Manukau</b>	5041	3371	3651	22241
<b>Hawkes Bay</b>	360	370	320	1034
<b>Hutt Valley</b>	390	312	255	921
<b>Lakes</b>	464	318	336	939
<b>MidCentral</b>	592	528	393	1163
<b>Nelson Marlborough</b>	459	452	367	843
<b>Northland</b>	4429	431	419	1146
<b>South Canterbury</b>	140	114	132	319
<b>Southern</b>	1108	784	878	2071
<b>Tairāwhiti</b>	144	119	132	356
<b>Taranaki</b>	418	281	221	1740
<b>Waikato</b>	1589	1027	1122	4115
<b>Wairarapa</b>	101	77	90	208
<b>Waitematā</b>	10397	3461	3158	8313
<b>West Coast</b>	60	36	29	65
<b>Whanganui</b>	116	109	73	431
<b>Unknown</b>	1923	1553	1488	2688
<b>Total</b>	<b>45379</b>	<b>27609</b>	<b>27053</b>	<b>72368</b>

**Note:** some people are tested more than once. We cannot give you detailed information about tests in your district, city or town, as we must protect the privacy of the people concerned.

### Tests by ethnicity

Ethnicity	25 Jan to 31 Jan	1 Feb to 7 Feb	8 Feb to 14 Feb	15 Feb to 21 Feb
Maori	5692	2708	2845	10830
Pacific peoples	3806	2762	2877	11558
Asian	7340	4629	4411	12904
European/Other	24033	13361	12661	31418
Unknown	4508	4149	4259	5658
<b>Total</b>	<b>45379</b>	<b>27609</b>	<b>27053</b>	<b>72368</b>

### Tests in managed isolation and quarantine

Test result	25 Jan to 31 Jan	1 Feb to 7 Feb	8 Feb to 14 Feb	15 Feb to 21 Feb
Tested positive for COVID-19	35	35	24	21
Tested negative (no COVID-19)	7595	7214	7304	7226
Inconclusive result for COVID-19	0	0	0	0

### Tests within NZ communities

Test result	25 Jan to 31 Jan	1 Feb to 7 Feb	8 Feb to 14 Feb	15 Feb to 21 Feb
Tested positive for COVID-19	10	9	9	11
Tested negative (no COVID-19)	37735	20348	19716	65110
Inconclusive result for COVID-19	4	3	0	0

### Total tests

Test result	25 Jan to 31 Jan	1 Feb to 7 Feb	8 Feb to 14 Feb	15 Feb to 21 Feb
Tested positive for COVID-19	45	44	33	32
Tested negative (no COVID-19)	45330	27562	27020	72336
Inconclusive result for COVID-19	4	3	0	0

## Testing rate and results by location and ethnicity

All tests by DHB and in managed isolation and quarantine facilities from 22 January 2020 to 22 February 2021

Location	Total tests	Tested positive (%)	Test rate per 1000 people
Managed isolation and quarantine facilities	195039	0.41%	NA
Auckland	207965	0.15%	371.04
Bay of Plenty	57611	0.09%	235.57
Canterbury	125175	0.12%	214.85
Capital and Coast	82889	0.16%	254.8
Counties Manukau	266982	0.09%	460.44
Hawkes Bay	33538	0.14%	199.76
Hutt Valley	30462	0.08%	200.63
Lakes	30605	0.04%	274.08
MidCentral	37454	0.1%	205.11
Nelson Marlborough	30003	0.11%	196.11
Northland	41287	0.08%	224.44
South Canterbury	10508	0.21%	174.68
Southern	69107	0.39%	204.99
Tairāwhiti	11846	0.04%	239.66
Taranaki	24544	0.05%	201.68
Waikato	103232	0.19%	240.59
Wairarapa	8692	0.05%	188.45
Waitematā	232010	0.13%	359.74
West Coast	3121	0.16%	97.71
Whanganui	11843	0.03%	182.04
Unknown	48408	0.1%	NA

Location	Total tests	Tested positive (%)	Test rate per 1000 people
<b>Total</b>	1662321	0.16%	282.12

#### Tests by ethnicity from 22 January 2020 to 22 February 2021

Ethnicity*	Total test	Tested positive (%)	Test rate per 1000 people
<b>Māori</b>	235756	0.09%	297.92
<b>Pacific peoples</b>	192873	0.11%	592.74
<b>Asian</b>	235816	0.17%	293.94
<b>European/Other</b>	887100	0.19%	285.21
<b>Unknown</b>	110776	0.22%	NA
<b>Total</b>	1662321	0.16%	308.5

\* The prioritised ethnicity classification system is used in this table and below. This means each person is allocated to a single ethnic group, based on the ethnic groups they identify with. Where people identify with more than one group, they are assigned in this order of priority: Māori, Pacific Peoples, Asian, and European/Other. So, if a person identifies as being Māori and New Zealand European, the person is counted as Māori. See [Ngā tapuae me ngā raraunga: Methods and data sources](#) for further information.

The data categorized by ethnicity come from National Health Index (NHI) data collection, linked to data held in the EpiSurv database.

#### Testing rates per 1000 people by location and ethnicity from 22 January 2020 to 22 February 2021

Location	Māori	Pacific peoples	Asian	European/Other
<b>Auckland</b>	405.73	550.88	259.74	405.53
<b>Bay of Plenty</b>	256.78	447.74	162.61	230.27
<b>Canterbury</b>	210.18	281.54	197.28	213.85
<b>Capital and Coast</b>	253.82	302.09	171.29	266.86
<b>Counties Manukau</b>	458.16	765.68	352.14	360.26
<b>Hawke's Bay</b>	203.14	397.56	130.89	191.49
<b>Hutt Valley</b>	196.64	251.59	165.65	201.54
<b>Lakes</b>	295.73	422.49	228.78	258
<b>MidCentral</b>	198.29	262.23	130.69	211.69
<b>Nelson Marlborough</b>	206.14	423.31	141.78	192.31
<b>Northland</b>	251.08	246.56	165.88	212.11
<b>South Canterbury</b>	174.99	495.85	171.06	171.07
<b>Southern</b>	188.5	301.13	153.28	208.64
<b>Tairāwhiti</b>	258.69	313.18	239.54	213.03
<b>Taranaki</b>	201.08	287.87	195.44	199.3
<b>Waikato</b>	269.21	331.38	202.16	226.95
<b>Wairarapa</b>	198.39	319.94	203.52	181
<b>Waitematā</b>	375.73	538.85	287.77	361.78
<b>West Coast</b>	90.96	196.52	133.44	95.97
<b>Whanganui</b>	179.84	241.06	133.64	183.33
<b>Total</b>	280.41	555.64	252.17	259.23

**Note:** some people are tested more than once. We cannot give you detailed information about tests in your district, city or town, as we must protect the privacy of the people concerned.

#### Percentage of tests returning a positive result by DHB and ethnicity from 22 January to 22 February 2021

Location	Māori	Pacific peoples	Asian	European/Other
<b>Auckland</b>	0.07	0.19	0.13	0.15
<b>Bay of Plenty</b>	0.04	0	0.15	0.1
<b>Canterbury</b>	0.05	0.2	0.1	0.12
<b>Capital and Coast</b>	0.04	0	0.11	0.2
<b>Counties Manukau</b>	0.02	0.07	0.1	0.12
<b>Hawke's Bay</b>	0.03	0.15	0.24	0.17
<b>Hutt Valley</b>	0.12	0	0	0.09
<b>Lakes</b>	0.03	0	0.04	0.05

Location	Māori	Pacific peoples	Asian	European/Other
MidCentral	0.05	0	0	0.12
Nelson Marlborough	0.15	0	0	0.12
Northland	0.06	0.1	0	0.1
South Canterbury	0.1	0	0.69	0.2
Southern	0.4	0.14	0.14	0.42
Tairāwhiti	0.02	0	0	0.09
Taranaki	0	0	0.08	0.06
Waikato	0.09	0.04	0.25	0.24
Wairarapa	0.06	0	0	0.05
Waitematā	0.21	0.22	0.09	0.12
West Coast	0	0	0	0.19
Whanganui	0	0	0.47	0.03
Total	0.09	0.11	0.17	0.19

Note: we cannot give the total number of people testing positive per DHB and ethnicity for privacy reasons.

## Testing rate and results by age and sex

### Tests by age group from 22 January to 22 February 2021

Age group	Total people tested	Tested positive (%)	Test rate per 1000 people
0 to 9	141609	0.09%	224.4
10 to 19	149281	0.14%	232.89
20 to 29	310078	0.2%	415.15
30 to 39	301048	0.18%	441.43
40 to 49	241714	0.16%	397
50 to 59	236485	0.16%	372.71
60 to 69	169407	0.16%	316.76
70 to 79	77167	0.14%	212.26
80+	35531	0.16%	190.33
Unknown	1	0%	NA
Total	1662321	0.16%	330.53

### Tests by sex from 22 January to 22 February 2021

Sex	Total people tested	Tested positive (%)	Test rate per 1000 people
Female	848425	0.16%	333.46
Male	717586	0.18%	288.76
Unknown	96310	0.09%	NA
Total	1662321	0.16%	311.38

## New Zealand's approach to COVID-19 testing

New Zealand has a goal of eliminating COVID-19. Planned, targeted testing is one of the tools that can help meet this goal. We don't test without planning.

COVID-19 is a new disease, so we had to build a completely new testing capability.

### Related information

- [Assessment and testing for COVID-19](#)
- [COVID-19 testing plan and testing guidance](#)
- [COVID-19 surveillance strategy](#)
- [COVID-19 elimination strategy](#)



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