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# Testing for COVID-19

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

Last updated 1pm 25 February 2021.

All data on this page is as at 9:00 am on 25 February 2021 unless otherwise stated.

**Change to the updating schedule for this page**

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	972	7581
People working at the border, in managed facilities, or near people travelling internationally	960	5521
Within New Zealand, not linked to the border	7271	40107
Other	66	488
<b>Total</b>	<b>9269</b>	<b>53697</b>

### COVID-19 testing status

	Total
All COVID-19 viral tests administered*	1,683,551
Testing kits in stock (updated weekdays only)	244,234

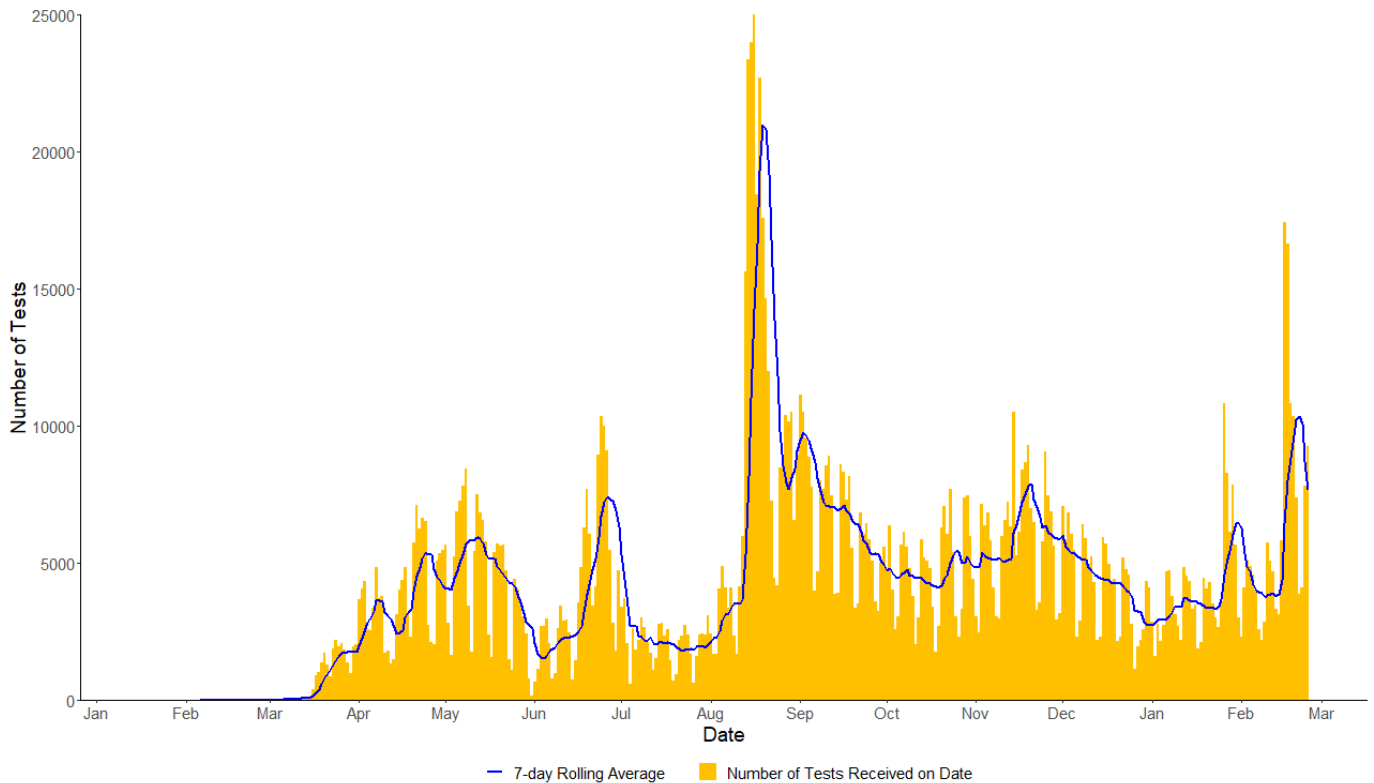
\* Covers the period from 22 January 2020 (first test in New Zealand) to 25 February 2021. Note that some people are tested more than once.

### Testing results from 22 January 2020\* to 25 February 2021

Test results	In managed facilities	Within NZ communities	Total
Tested positive for COVID-19	821	1941	2762

Test results	In managed facilities	Within NZ communities	Total
Tested negative (no COVID-19)	197562	1482975	1680537
Inconclusive result for COVID-19	4	248	252
<b>Total (all tests)</b>	<b>198387</b>	<b>1485164</b>	<b>1683551</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	7240
<b>Auckland</b>	5212	3116	3008	7892
<b>Bay of Plenty</b>	1087	774	759	1843
<b>Canterbury</b>	2471	2091	1953	4125
<b>Capital and Coast</b>	1169	969	885	2570
<b>Counties Manukau</b>	5006	3333	3620	22174
<b>Hawkes Bay</b>	358	368	320	1029
<b>Hutt Valley</b>	389	309	252	915
<b>Lakes</b>	460	314	331	931
<b>MidCentral</b>	591	526	394	1161
<b>Nelson Marlborough</b>	457	451	362	841
<b>Northland</b>	4420	427	415	1140
<b>South Canterbury</b>	139	114	131	319
<b>Southern</b>	1100	775	877	2068
<b>Tairāwhiti</b>	141	119	130	351
<b>Taranaki</b>	412	280	218	1733
<b>Waikato</b>	1579	1019	1099	4083
<b>Wairarapa</b>	100	77	89	209
<b>Waitematā</b>	10356	3438	3132	8273
<b>West Coast</b>	60	36	29	64
<b>Whanganui</b>	113	109	73	430

DHB of Patient Domicile	25 Jan to 31 Jan	1 Feb to 7 Feb	8 Feb to 14 Feb	15 Feb to 21 Feb
Unknown	2129	1715	1648	2979
<b>Total</b>	<b>45379</b>	<b>27609</b>	<b>27053</b>	<b>72370</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	5678	2700	2841	10807
Pacific peoples	3533	2562	2797	11477
Asian	7221	4542	4304	12768
European/Other	23954	13290	12601	31322
Unknown	4993	4515	4510	5996
<b>Total</b>	<b>45379</b>	<b>27609</b>	<b>27053</b>	<b>72370</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	7219
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	65119
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	72338
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 25 February 2021

Location	Total tests	Tested positive (%)	Test rate per 1000 people
Managed isolation and quarantine facilities	198387	0.41%	NA
Auckland	208513	0.15%	372.01
Bay of Plenty	57749	0.08%	236.14
Canterbury	126175	0.12%	216.56
Capital and Coast	83218	0.16%	255.81
Counties Manukau	271179	0.09%	467.67
Hawkes Bay	33303	0.14%	198.36
Hutt Valley	30677	0.08%	202.04
Lakes	30626	0.04%	274.27
MidCentral	37633	0.1%	206.09
Nelson Marlborough	30003	0.11%	196.11
Northland	41378	0.08%	224.94
South Canterbury	10578	0.21%	175.84
Southern	69493	0.39%	206.13
Tairāwhiti	11858	0.03%	239.91
Taranaki	24728	0.05%	203.19
Waikato	103686	0.19%	241.65
Wairarapa	8717	0.05%	189

Location	Total tests	Tested positive (%)	Test rate per 1000 people
Waitematā	233118	0.13%	361.45
West Coast	3154	0.16%	98.75
Whanganui	11889	0.03%	182.75
Unknown	57489	0.09%	NA
<b>Total</b>	<b>1683551</b>	<b>0.16%</b>	<b>283.87</b>

#### Tests by ethnicity from 22 January 2020 to 25 February 2021

Ethnicity*	Total test	Tested positive (%)	Test rate per 1000 people
Māori	237906	0.09%	300.64
Pacific peoples	193680	0.11%	595.22
Asian	235794	0.18%	293.91
European/Other	892405	0.19%	286.92
Unknown	123766	0.2%	NA
<b>Total</b>	<b>1683551</b>	<b>0.16%</b>	<b>310.14</b>

\* 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 tapuāe 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 25 February 2021

Location	Māori	Pacific peoples	Asian	European/Other
Auckland	410.74	554.6	258.94	407.01
Bay of Plenty	258.27	433.63	160.08	231.4
Canterbury	212.36	284.15	196.62	215.82
Capital and Coast	256.24	304.51	170.57	268.21
Counties Manukau	466.01	777.98	358.66	364.85
Hawke's Bay	204.48	340.35	129.66	192.4
Hutt Valley	198.19	252.77	165.7	203.26
Lakes	296.91	424.86	220.09	259.28
MidCentral	199.8	264.87	128.91	212.83
Nelson Marlborough	208.64	348.56	139.49	193.71
Northland	252.1	247.59	162.82	212.67
South Canterbury	176.82	495.85	169.09	172.33
Southern	190.4	303.96	152.44	209.93
Tairāwhiti	259.73	304.31	229.73	213.57
Taranaki	202.55	289.98	192.52	201.22
Waikato	271.24	332.47	199.83	228.27
Wairarapa	199.86	321.13	195.98	181.72
Waitematā	378.56	541.4	287.1	364.19
West Coast	91.72	200.53	131.37	97.09
Whanganui	180.75	239.14	131.45	184.24
<b>Total</b>	<b>283.04</b>	<b>559.83</b>	<b>252.51</b>	<b>260.97</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.

#### Percentage of tests returning a positive result by DHB and ethnicity from 22 January to 25 February 2021

Location	Māori	Pacific peoples	Asian	European/Other
Auckland	0.07	0.19	0.13	0.15
Bay of Plenty	0.04	0	0.15	0.1
Canterbury	0.06	0.19	0.1	0.12

Location	Māori	Pacific peoples	Asian	European/Other
Capital and Coast	0.04	0	0.11	0.2
Counties Manukau	0.02	0.07	0.1	0.12
Hawke's Bay	0.03	0.18	0.24	0.17
Hutt Valley	0.13	0	0	0.09
Lakes	0.03	0	0.04	0.05
MidCentral	0.05	0	0	0.12
Nelson Marlborough	0.12	0	0	0.12
Northland	0.06	0.1	0	0.1
South Canterbury	0.1	0	0.7	0.2
Southern	0.4	0.14	0.14	0.42
Tairāwhiti	0.02	0	0	0.06
Taranaki	0	0	0.08	0.06
Waikato	0.09	0.04	0.26	0.24
Wairarapa	0.06	0	0	0.05
Waitematā	0.21	0.23	0.09	0.12
West Coast	0	0	0	0.19
Whanganui	0	0	0.48	0.03
Total	0.09	0.11	0.18	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 25 February 2021

Age group	Total people tested	Tested positive (%)	Test rate per 1000 people
0 to 9	143534	0.09%	227.45
10 to 19	153072	0.13%	238.81
20 to 29	313964	0.2%	420.35
30 to 39	304869	0.18%	447.04
40 to 49	244593	0.16%	401.73
50 to 59	238990	0.16%	376.66
60 to 69	171021	0.16%	319.77
70 to 79	77748	0.14%	213.86
80+	35759	0.16%	191.55
Unknown	1	0%	NA
Total	1683551	0.16%	334.75

### Tests by sex from 22 January to 25 February 2021

Sex	Total people tested	Tested positive (%)	Test rate per 1000 people
Female	853269	0.16%	335.37
Male	719826	0.19%	289.66
Unknown	110456	0.08%	NA
Total	1683551	0.16%	312.78

## 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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