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Testing for COVID-19

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

Last updated 1pm 01 March 2021.

All data on this page is as at 9:00 am on 01 March 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.

On this page:

- [Testing summary, status, and results](#)
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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	1006	7346
People working at the border, in managed facilities, or near people travelling internationally	530	5381
Within New Zealand, not linked to the border	3080	36599
Other	32	380
Total	4648	49706

COVID-19 testing status

	Total
All COVID-19 viral tests administered*	1,712,029
Testing kits in stock (updated weekdays only)	215,758

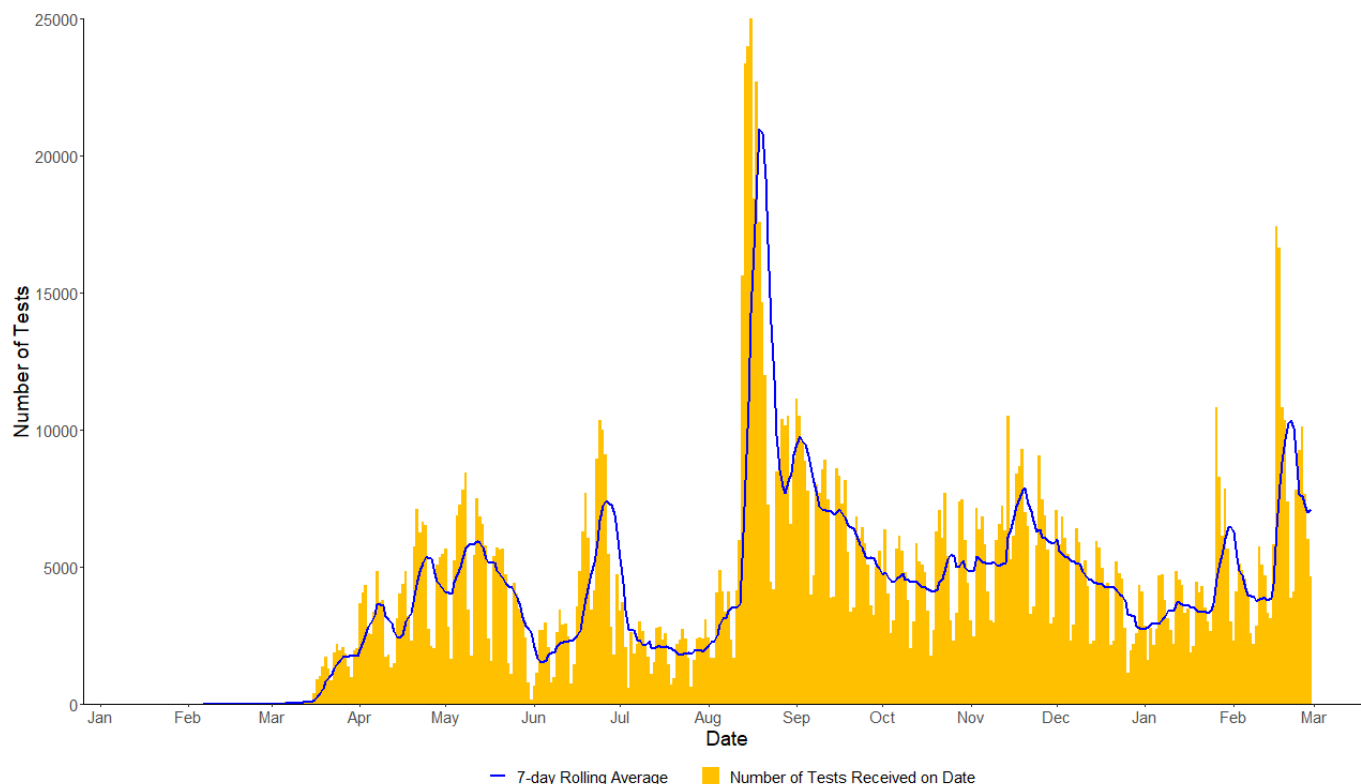
* Covers the period from 22 January 2020 (first test in New Zealand) to 01 March 2021. Note that some people are tested more than once.

Testing results from 22 January 2020* to 01 March 2021

Test results	In managed facilities	Within NZ communities	Total
Tested positive for COVID-19	831	1947	2778

Test results	In managed facilities	Within NZ communities	Total
Tested negative (no COVID-19)	201543	1507455	1708998
Inconclusive result for COVID-19	4	249	253
Total (all tests)	202378	1509651	1712029

* 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	1 Feb to 7 Feb	8 Feb to 14 Feb	15 Feb to 21 Feb	22 Feb to 28 Feb
Managed isolation and quarantine facilities	7249	7328	7240	7346
Auckland	3050	2956	7769	5675
Bay of Plenty	765	751	1829	1169
Canterbury	2078	1945	4108	2876
Capital and Coast	969	883	2551	1671
Counties Manukau	3290	3569	21980	14911
Hawkes Bay	365	315	1020	531
Hutt Valley	308	251	907	578
Lakes	310	327	923	496
MidCentral	525	392	1167	531
Nelson Marlborough	448	357	833	539
Northland	424	415	1136	667
South Canterbury	114	130	315	175
Southern	767	865	2054	1457
Tairāwhiti	119	124	349	226
Taranaki	278	216	1724	522
Waikato	1000	1074	4043	2045
Wairarapa	77	88	209	152
Waitematā	3407	3085	8209	5034
West Coast	36	28	64	60
Whanganui	108	73	440	153

DHB of Patient Domicile	1 Feb to 7 Feb	8 Feb to 14 Feb	15 Feb to 21 Feb	22 Feb to 28 Feb
Unknown	1922	1881	3500	2892
Total	27609	27053	72370	49706

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	1 Feb to 7 Feb	8 Feb to 14 Feb	15 Feb to 21 Feb	22 Feb to 28 Feb
Maori	2685	2828	10774	5780
Pacific peoples	2500	2753	11363	6721
Asian	4413	4161	12506	9913
European/Other	13202	12508	31142	21285
Unknown	4809	4803	6585	6007
Total	27609	27053	72370	49706

Tests in managed isolation and quarantine

Test result	1 Feb to 7 Feb	8 Feb to 14 Feb	15 Feb to 21 Feb	22 Feb to 28 Feb
Tested positive for COVID-19	35	24	21	29
Tested negative (no COVID-19)	7214	7304	7219	7317
Inconclusive result for COVID-19	0	0	0	0

Tests within NZ communities

Test result	1 Feb to 7 Feb	8 Feb to 14 Feb	15 Feb to 21 Feb	22 Feb to 28 Feb
Tested positive for COVID-19	9	9	11	11
Tested negative (no COVID-19)	20348	19716	65119	42347
Inconclusive result for COVID-19	3	0	0	2

Total tests

Test result	1 Feb to 7 Feb	8 Feb to 14 Feb	15 Feb to 21 Feb	22 Feb to 28 Feb
Tested positive for COVID-19	44	33	32	40
Tested negative (no COVID-19)	27562	27020	72338	49664
Inconclusive result for COVID-19	3	0	0	2

Testing rate and results by location and ethnicity

All tests by DHB and in managed isolation and quarantine facilities from 22 January 2020 to 01 March 2021

Location	Total tests	Tested positive (%)	Test rate per 1000 people
Managed isolation and quarantine facilities	202378	0.41%	NA
Auckland	208611	0.15%	372.19
Bay of Plenty	57633	0.08%	235.66
Canterbury	126991	0.12%	217.96
Capital and Coast	83439	0.15%	256.49
Counties Manukau	277823	0.08%	479.13
Hawkes Bay	33034	0.14%	196.76
Hutt Valley	30797	0.08%	202.83
Lakes	30637	0.04%	274.37
MidCentral	37770	0.1%	206.84
Nelson Marlborough	29976	0.11%	195.94
Northland	41549	0.08%	225.87
South Canterbury	10541	0.21%	175.23
Southern	69245	0.39%	205.4
Tairāwhiti	11937	0.03%	241.5
Taranaki	24766	0.05%	203.51
Waikato	103853	0.19%	242.04
Wairarapa	8782	0.05%	190.41

Location	Total tests	Tested positive (%)	Test rate per 1000 people
Waitematā	233791	0.13%	362.5
West Coast	3138	0.16%	98.24
Whanganui	11892	0.03%	182.8
Unknown	73446	0.07%	NA
Total	1712029	0.16%	285.57

Tests by ethnicity from 22 January 2020 to 01 March 2021

Ethnicity*	Total test	Tested positive (%)	Test rate per 1000 people
Māori	240433	0.09%	303.83
Pacific peoples	194860	0.11%	598.84
Asian	235960	0.18%	294.12
European/Other	898316	0.19%	288.82
Unknown	142460	0.18%	NA
Total	1712029	0.16%	312.08

* 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 01 March 2021

Location	Māori	Pacific peoples	Asian	European/Other
Auckland	416.52	559.28	255.35	408.02
Bay of Plenty	260.02	369.82	155.15	232.51
Canterbury	214.5	285.87	193.31	217.71
Capital and Coast	258.61	306.57	168.38	269.17
Counties Manukau	476.33	789.68	371.28	375.64
Hawke's Bay	204.99	296.03	125.13	192.82
Hutt Valley	199.4	253.79	163.91	204.43
Lakes	297.92	419.73	212.55	260.35
MidCentral	201.17	265.58	125.96	213.86
Nelson Marlborough	210.47	327.71	135.17	193.98
Northland	254.19	247.59	159.65	213.34
South Canterbury	177	453.86	158.87	172.58
Southern	193.06	303.67	144.87	209.82
Tairāwhiti	262.49	298.1	223.19	214.7
Taranaki	203.51	291.39	178.67	202.41
Waikato	273.05	334.52	194.07	229.05
Wairarapa	201.33	323.5	191.46	183.29
Waitematā	381.4	543.96	284.74	366.11
West Coast	91.97	156.42	116.89	97.32
Whanganui	181.44	221.24	128.01	184.9
Total	286.03	563.56	252	262.69

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 01 March 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	0.21	0.25	0.17
Hutt Valley	0.13	0	0	0.09
Lakes	0.03	0	0.05	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	0.74	0.2
Southern	0.39	0.14	0.15	0.42
Tairāwhiti	0.02	0	0	0.06
Taranaki	0	0	0.09	0.06
Waikato	0.09	0.04	0.28	0.24
Wairarapa	0.06	0	0	0.05
Waitematā	0.21	0.23	0.1	0.12
West Coast	0	0	0	0.19
Whanganui	0	0	0.49	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 01 March 2021

Age group	Total people tested	Tested positive (%)	Test rate per 1000 people
0 to 9	146073	0.1%	231.48
10 to 19	157078	0.13%	245.06
20 to 29	319813	0.2%	428.18
30 to 39	310387	0.18%	455.13
40 to 49	248669	0.16%	408.42
50 to 59	242308	0.16%	381.89
60 to 69	173143	0.16%	323.74
70 to 79	78511	0.14%	215.96
80+	36047	0.16%	193.09
Unknown	NA	NA%	NA
Total	1712029	0.16%	340.41

Tests by sex from 22 January to 01 March 2021

Sex	Total people tested	Tested positive (%)	Test rate per 1000 people
Female	859819	0.16%	337.94
Male	723526	0.18%	291.15
Unknown	128684	0.07%	NA
Total	1712029	0.16%	314.82

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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