

7 March 2022

s 9(2)(a)

By email: **s 9(2)(a)**
Ref: H202200108

Tēnā koe **s 9(2)(a)**

Response to your request for official information

Thank you for your requests under the Official Information Act 1982 (the Act) to the Ministry of Health (the Ministry) on 22 and 25 December 2021, clarified on 2 February 2022, for information regarding COVID-19 vaccination. I will respond to each part of your request in turn.

The Ministry is reporting COVID-19 vaccination rates by DHB. How is this data being collected and reported?

Vaccination figures are drawn from records entered into the COVID Immunisation Register (CIR). Information about the CIR is available at: www.health.govt.nz/covid-19-novel-coronavirus/covid-19-vaccines/covid-19-vaccine-and-your-privacy/covid-immunisation-register-cir-privacy-statement.

The District Health Board recorded for each vaccination is based on the primary address recorded against each individual's national health index number (NHI).

There are several different DHBs each with their own patient management system. General Practitioners also have their own patient management systems and there is no "one source of truth" for all New Zealand patients. There is a COVID-19 vaccine record system which captures doses given. How are the unvaccinated numbers assessed please?

For example, if a person has not been to the doctor in say 5 years, how do you know which DHB this person resides in?

If a person has not been to a DHB provided service in 5 say years (a hospital or xray clinic), how do you have a COVID-19 vaccination record of this person?

Are you collating unvaccinated data from the thousands of doctors and their patient management systems?

When a patient has not been to their GP for 3 years, the person becomes unregistered with that GP. How do you count such a patient in your COVID-19 vaccination percentage rates?

Vaccine uptake rates are calculated using health system user (HSU) based population estimates. Detailed information on the benefits and limitations of this method of reporting are included in the spreadsheet of COVID-19 vaccination data published on the Ministry website under the heading "Details of vaccination data" at: www.health.govt.nz/covid-19-novel-coronavirus/covid-19-data-and-statistics/covid-19-vaccine-data. Please refer to the sheet labelled "HSU population."

I would like to see the incident of cardiology ward hospital events for the 2021 year by month for each DHB up to and including Dec 2021 .

I would also like to know the number of these same events annually for the last 10 years.

This includes people presenting themselves at the hospital for heart attack, stroke, myocarditis and pericarditis.

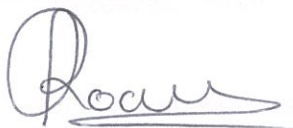
Information on publicly funded hospital discharges that were reported to the Ministry of Health with a primary diagnosis that was related to cardiovascular disease is attached as Appendix 1 and Appendix 2. Please note the following regarding these data:

- Events were identified using publicly funded hospital discharges categorised for the following primary diagnoses: chronic rheumatic heart diseases, ischaemic heart diseases, pulmonary heart disease and diseases of pulmonary circulation, or other forms of heart disease.
- Data from the 2019/2020 financial year onwards (i.e., after 30 June 2019) are provisional, and not yet finalised.
- Counts are of discharges, not individuals. People hospitalised multiple times, for example through transfers, readmissions, or multiple incidents, are counted each time.
- This data captures publicly funded hospitalisations only, as private hospitalisations data is not yet available for 2020 or 2021.

I trust this information fulfils your request. Under section 28(3) of the Act you have the right to ask the Ombudsman to review any decisions made under this request. The Ombudsman may be contacted by email at: info@ombudsman.parliament.nz or by calling 0800 802 602.

Please note that this response, with your personal details removed, may be published on the Ministry website at: www.health.govt.nz/about-ministry/information-releases/responses-official-information-act-requests.

Nāku noa, nā



Astrid Koornneef
Director
National Immunisation Programme

Publicly funded hospital discharges, selected diagnoses, Aug-Dec 2021

Totals are drawn from ICD-10 codes I05-I09, I20-I52:

*I05-I09 Chronic rheumatic heart diseases**I20-I25 Ischaemic heart diseases**I26-I28 Pulmonary heart disease and diseases of pulmonary circulation**I30-I52 Other forms of heart disease*

Please note that data from 2019/2020 onwards are provisional.

Extracted 2 February 2022

	202108	202109	202110	202111	202112
1011 Northland DHB	224	257	234	255	103
1021 Waitemata DHB	607	513	576	619	555
1022 Auckland DHB	569	482	594	647	597
1023 Counties Manukau DHB	394	334	389	403	356
2031 Waikato DHB	607	666	635	609	610
2042 Lakes DHB	125	115	112	113	122
2047 Bay of Plenty DHB	282	301	302	296	279
2051 Tairāwhiti DHB	47	42	49	50	43
2071 Taranaki DHB	133	166	169	162	147
3061 Hawkes Bay DHB	206	199	196	197	150
3081 MidCentral DHB	166	208	165	163	121
3082 Whanganui DHB	72	89	88	100	65
3091 Capital and Coast DHB	379	473	490	430	427
3092 Hutt Valley DHB	117	128	147	132	58
3093 Wairarapa DHB	44	49	36	38	42
3101 Nelson Marlborough DHB	156	176	165	165	170
4111 West Coast DHB	31	30	29	35	24
4121 Canterbury DHB	496	559	523	514	515
4123 South Canterbury DHB	57	67	48	42	73
4160 Southern DHB	327	342	314	302	337
9999 Non-DHB agency	43	46	46	57	39
Total	5082	5242	5307	5329	4833

Released under the Official Information Act 1982

Publicly funded hospital discharges, selected diagnoses, 2011/12-2020/21

Totals are drawn from ICD-10 codes I05-I09, I20-I52:

*I05-I09 Chronic rheumatic heart diseases**I20-I25 Ischaemic heart diseases**I26-I28 Pulmonary heart disease and diseases of pulmonary circulation**I30-I52 Other forms of heart disease*

Please note that data from 2019/2020 onwards are provisional.

Extracted 2 February 2022

	2011/12	2012/13	2013/14	2014/15	2015/16	2016/17	2017/18	2018/19	2019/20	2020/21
1011 Northland DHB	1807	1873	1855	1804	1978	2090	2195	2286	2242	2639
1021 Waitemata DHB	5944	6082	6165	6121	6346	6621	7037	7057	6754	7563
1022 Auckland DHB	5945	6271	5995	5929	6372	6610	6809	7094	6907	7369
1023 Counties Manukau DHB	4587	4361	4440	4355	4514	4648	4797	4925	4973	5017
2031 Waikato DHB	5761	5642	5573	5580	5942	6380	6598	6624	6811	7240
2042 Lakes DHB	1099	1302	1176	1110	1236	1381	1348	1451	1272	1389
2047 Bay of Plenty DHB	2692	2546	2805	2856	2852	3098	3127	3164	3185	3580
2051 Tairāwhiti DHB	449	435	410	343	416	391	422	472	532	565
2071 Taranaki DHB	1434	1644	1469	1461	1530	1548	1578	1570	1602	1778
3061 Hawkes Bay DHB	2135	1967	1979	2176	1997	2090	2222	2433	2350	2451
3081 MidCentral DHB	1878	1998	1915	1916	2120	2052	1936	2021	1932	2131
3082 Whanganui DHB	801	781	818	873	841	880	866	952	995	1054
3091 Capital and Coast DHB	4245	4337	4361	4518	4797	4945	4929	5046	5124	5549
3092 Hutt Valley DHB	1161	1326	1159	1219	1168	1246	1262	1366	1353	1379
3093 Wairarapa DHB	492	484	507	481	542	519	527	452	516	561
3101 Nelson Marlborough DHB	1885	1825	1661	1819	1721	1866	1884	1948	1960	2106
4111 West Coast DHB	351	328	336	352	334	366	427	407	403	481
4121 Canterbury DHB	6045	5775	5868	5578	6122	6417	6225	6192	6184	6416
4123 South Canterbury DHB	770	739	731	672	713	731	662	695	708	702
4160 Southern DHB	3360	3358	3529	3596	3658	3731	3661	3650	3766	4090
9999 Non-DHB agency	2306	2110	2103	2384	2305	2019	2000	1738	1494	1053
Total	55147	55184	54855	55143	57504	59629	60512	61543	61063	65113