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N Brittain

By email: fyi-request-21849-dbe8ae7d@requests.fyi.org.nz
Ref: H2023020950

Tēnā koe N Brittain

Response to your request for official information

Thank you for your follow up request to Manatū Hauora (the Ministry of Health) on 24 February 2023 (H2023020509 refers). You requested:

“Ministry of Health provide the age & vaccination status of deaths within 28 days of being reported as a case. The total deaths in this category are currently 3864. Where Covid 19 is the underlying cause of deaths only the age & ethnicity is provided. The total deaths in this category are currently 1599.

*I would like to know the vaccination status where COVID 19 is officially coded as the underlying cause. Please advise the status of:
No dose of Covid 19 vaccine
Single Covid 19 vaccinated
Fully Covid 19 vaccinated
Booster Covid 19 vaccinated”*

The table below sets out deaths, by vaccination status, where COVID-19 was the underlying cause as of 6 March 2023.

AGE_GROUP10_90	No doses	Partial	Primary course	Boosted	Total	CountType
0 to 9	.5	.5	.5	.5	.5	FRR3
10 to 19	.5	.5	.5	.5	.5	FRR3
20 to 29	.5	.5	.5	.5	.5	FRR3
30 to 39	.5	.5	.5	.5	9	FRR3
40 to 49	.5	.5	.5	.5	9	FRR3
50 to 59	15	.5	6	18	42	FRR3
60 to 69	24	.5	27	57	111	FRR3
70 to 79	45	.5	48	186	285	FRR3
80 to 89	72	9	78	465	624	FRR3
90+	63	12	45	408	528	FRR3
Total	228	33	210	1140	1611	FRR3

In order to avoid revealing sensitive information about potentially identifiable individuals in our data, we apply two data confidentiality methods (perturbation and suppression) to any data that is not already released as exact counts on the website.

Perturbation is adding random noise to data, and suppression is not providing data in situations where doing so could compromise confidentiality. For data that is not already provided exactly on the website:

- All values between 1 and 5 are suppressed.
- Zero values are provided exactly, except for in sensitive categories where a zero value may be suppressed to protect other low values.
- Values of 6 and above are perturbed using fixed random rounding to base 3
- (FRR3). This entails rounding values to neighbouring multiples of 3. For example, 11 may be rounded to 12 or 9.

FRR3 is a best-practice confidentiality method recommended by Stats NZ. For more information, visit: www.data.govt.nz/toolkit/privacy-and-security/understanding-data-confidentiality/data-confidentiality-principles-and-methods-report/.

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 Manatū Hauora website at: www.health.govt.nz/about-ministry/information-releases/responses-official-information-act-requests.

Nāku noa, nā



Louise Karageorge
Group Manager, Intelligence, Surveillance and Knowledge
Public Health Agency | Te Pou Hauora Tūmatanui