



15 August 2022

A Smith

By email: fyi-request-19952-c156339f@requests.fyi.org.nz

Ref: H2022007809

Tēnā koe Mr Smith,

Response to your request for official information

Thank you for your request under the Official Information Act 1982 (the Act) to Manatū Hauora (Ministry of Health) on 18 July 2022. You specifically requested.

“Can you please provide a month-by-month report that breaks down Covid Cases, Hospitalisation and Deaths by the age and vaccination status of the individual. I cannot find any report or model that breaks it down like so. Also, for honesty purposes, ensuring vaccination status is updated from the day you get Vaccinated not 14 days after.

0-5 unvaccinated | 0-5 1 shot | 0-5 2 shots | 0-5 3 shots | 0-5 4 shots

Cases

Hospitalisations

Deaths

And so on and so forth in increments of 5 for age, over each month of the Pandemic.”

Due to the adoption of new confidentiality methods, described below, Manatū Hauora can now release data that was previously protected due to privacy concerns.

Our reporting for a cases vaccination status is based on the vaccination status a week before the person is reported as a case. This is because the protection conferred by vaccination is not immediate.

I have attached a spreadsheet containing the data you requested, containing the following three worksheets:

1. Cases
2. Hospitalizations
3. Deaths

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 Manatū Hauora website.

Perturbation is the adding of random noise to data and suppression is not providing data, where doing so could compromise confidentiality. Please note, that in the attached excel spreadsheet .s means suppressed.

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 Statistics New Zealand.

Further information is available at: 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



Gill Hall
**Group Leader, Intelligence, Surveillance and Knowledge
Public Health Agency, Ministry of Health**