

14 July 2017

Daryl Trask

Email: fyi-request-6129-881f9570@requests.fyi.org.nz

Dear Mr Trask

Re Official Information Act Request – How many people diagnosed with mumps and vaccinated

I refer to your Official Information Act request dated 4 July 2017 requesting the following information:

Please provide me with information regarding the recent Auckland mumps outbreak (June/July 2017). Please inform me of the number of people who were diagnosed with mumps in the recent outbreak, and of those cases how many had received a vaccine for mumps at any time prior

I am responding from Auckland District Health Board (Auckland DHB) which hosts Auckland Regional Public Health Service (ARPHS). ARPHS provides public health services to all three metro Auckland District Health Boards – Waitematā District Health Board, Counties Manukau Health and Auckland District Health Board, and the populations they serve. ARPHS's core role is to protect and promote public health.

The information you have requested was obtained from ARPHS' notifiable disease surveillance database. Please note this outbreak is ongoing, however figures provided below are for the period 1 January to 10 July 2017. This data is for the Auckland region.

- There have been 147 cases (confirmed and probable) of mumps diagnosed as at 10 July 2017
- Of the 147 mumps cases, 124 were locally acquired (i.e. these figures exclude imported cases, cases that were overseas during the incubation period).
- The proportion of locally acquired mumps cases who had received the measles-mumps-rubella (MMR) vaccine is outlined here:
 - Proportion of locally acquired cases with two documented MMR: 23%
 - Proportion of locally acquired cases with one documented MMR: 20%
 - Proportion of locally acquired cases with nil documented MMR: 56%

The following table contains data for the 124 locally acquired mumps cases for the period 1 January 2017 to 10 July 2017, by age group and record of MMR doses received.

Table 1: Number and proportion of locally acquired mumps cases notified to ARPHS for the period 1 January 2017 to 10 July 2017, by age group (years) and number of MMR doses received.

Age group - years	Total number of cases (%)	Nil MMR doses (%)	One MMR dose (%)	Two MMR doses (%)
0-9 yrs	21 (17)	7 (33)	6 (29)	8 (38)
10-19 yrs	67 (54)	35 (52)	14 (21)	18 (27)
20-29 yrs	20 (16)	14 (70)	3 (15)	3 (15)
30-39 yrs	10 (8)	8 (80)	2 (20)	0 (0)
40-49 yrs	6 (5)	6 (100)	0 (0)	0 (0)

Yours faithfully



**Ailsa Claire, OBE
Chief Executive**