

Zika virus infection weekly report

25 February 2016

This report summarises confirmed and probable Zika virus infection notifications for the previous week (18–24 February 2016) and cumulative cases for 2016. It incorporates the distribution of cases by sex, age and country(ies) travelled to during the incubation period of the disease. The case classification used in this report is specified on the last page. No further details on individual cases will be released.

Data in this weekly update is based on data recorded on EpiSurv by public health service staff as at 1030 hours 25 February 2016. Changes made to EpiSurv data after this date will not be reflected in this report. The numbers presented may be further updated and should be regarded as provisional.

Previous week (18–24 February 2016)

Table 1. Zika virus infection notifications reported in New Zealand by sex, age group and case status, 18–24 February 2016

Sex	Age group (years)	Number of cases		Total cases
		Confirmed	Probable	
Female	<1			0
	1–4			0
	5–14			0
	15–24	2		2
	25–44	4	2	6
	45–64	2		2
	65+	1		1
Female total		9	2	11
Male	<1			0
	1–4			0
	5–14			0
	15–24	1		1
	25–44	1		1
	45–64			0
	65+	1		1
Male total		3	0	3
Total		12	2	14

Table 2. Overseas travel information for confirmed Zika virus infection notifications reported in New Zealand, 18–24 February 2016

Country travelled to during the incubation period of the disease	Number of confirmed cases*
Tonga	11
Samoa	1

* Cases may have visited more than one country or may not have specified the country.

Year to date (1 January–24 February 2016)

Table 3. Zika virus infection notifications reported in New Zealand by sex, age group and case status, 1 January–24 February 2016

Sex	Age group (years)	Number of cases		Total cases
		Confirmed	Probable	
Female	<1			0
	1–4	1		1
	5–14	2		2
	15–24	13	1	14
	25–44	18	2	20
	45–64	11		11
	65+	1		1
Female total		46	3	49
Male	<1			0
	1–4			0
	5–14	1		1
	15–24	3		3
	25–44	4		4
	45–64	6		6
	65+	1		1
Male total		15	0	15
Total		61	3	64

Table 4. Overseas travel information for confirmed Zika virus infection notifications reported in New Zealand, 1 January–24 February 2016

Country travelled to during the incubation period of the disease	Number of confirmed cases*
Tonga	42
Samoa	18
American Samoa	2

* Cases may have visited more than one country or may not have specified the country.

Case classification for arboviral disease notification in New Zealand

Confirmed	A clinically compatible illness that is laboratory confirmed. Laboratory confirmation requires at least one of the following: <ul style="list-style-type: none"> • isolation of the virus • detection of arbovirus nucleic acid • detection of arbovirus-specific IgM • IgG seroconversion • a significant increase (four-fold or greater) in antibody titres to specific arbovirus.
Probable	A clinically compatible illness in a person who has come from an endemic area.
Under investigation	A case that has been notified, but information is not yet available to classify it as probable or confirmed.
See:	http://www.health.govt.nz/system/files/documents/publications/cd-manual-arboviral-diseases-may2012.pdf