

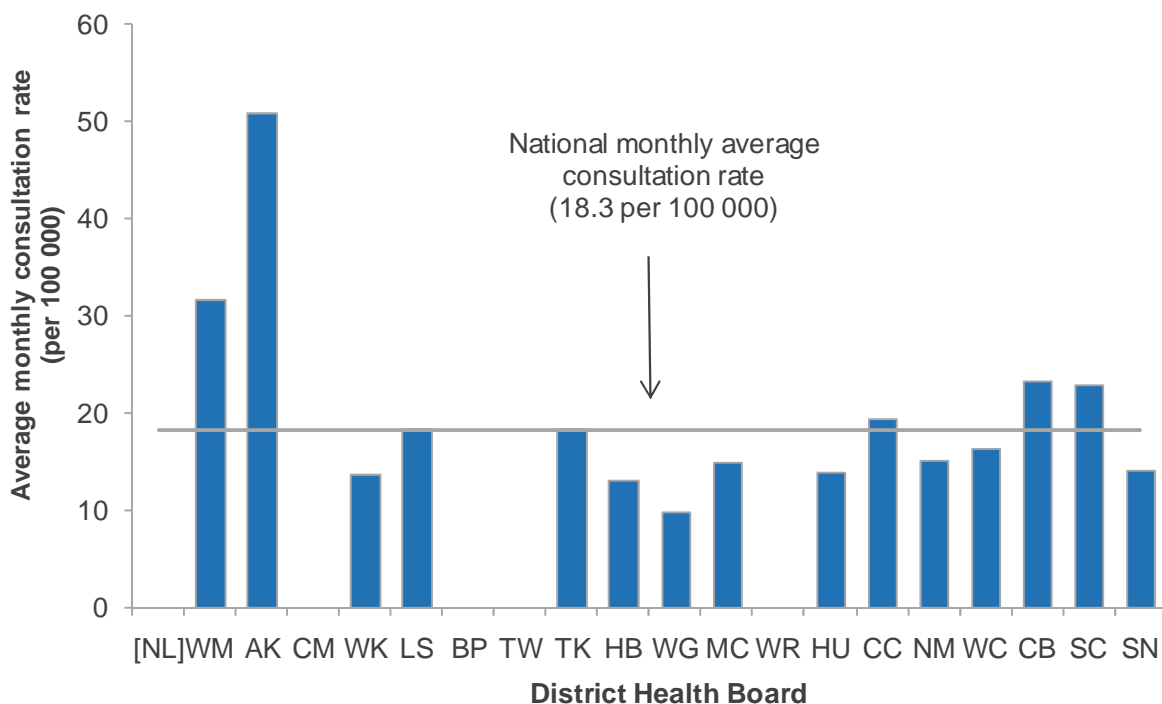


INFLUENZA SURVEILLANCE SUMMARY - JUNE 2012

During June (weeks 22 – 25), 274 consultations for influenza-like illness were reported from 82 general practices (on average) in 19 of the 20 District Health Boards (DHB). The average monthly consultation rate for June was 18.3 per 100 000 patient population.

Figure 1 compares the average monthly consultation rates for influenza-like illness for each DHB during June. Auckland had the highest consultation rate (50.7 per 100 000, 44 cases) followed by Waitemata (31.5 per 100 000, 12 cases). The following DHBs also had rates above the monthly national average of 18.3 per 100 000: Canterbury, South Canterbury and Capital and Coast.

Figure 1: Average monthly consultation rates for influenza-like illness by DHB, June 2012



[] Not participating in the influenza surveillance

A total of 869 swabs were received for testing during June from sentinel (84) and non-sentinel (785) surveillance. A total of 205 viruses were identified, 24 from sentinel and 181 from non-sentinel surveillance. The distribution by DHB is shown in Table 1 and Table 2 respectively.

Table 1: Sentinel viruses for June 2012 by DHB

Antigenic Strain	DHB					Total
	AK	WK	TK	CC	CB	
A (Not subtyped)	0	1	2	2	2	7
A(H1N1)pdm09	1	0	0	0	0	1
A(H3N2)	0	0	0	0	12	12
A/Perth/16/2009 (H3N2)-like	0	0	3	1	0	4
Total	1	1	5	3	14	24

Table 2: Non-sentinel viruses for June 2012 by DHB

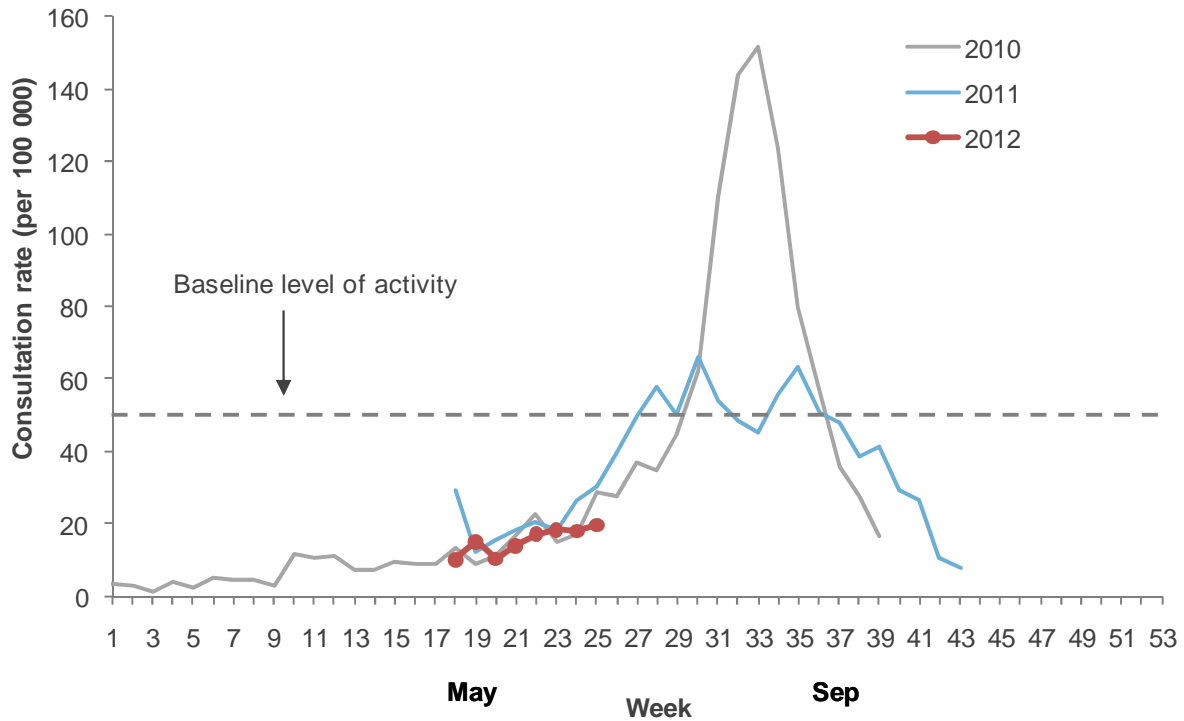
Antigenic Strain	DHB								Total
	AK	CM	WK	TK	CC	NM	CB	SN	
A (Not subtyped)	15	0	0	0	4	0	8	0	27
A(H1N1)pdm09	4	32	0	0	0	0	2	0	38
A(H3N2)	4	12	0	1	3	2	51	1	74
A/California/7/2009 (H1N1)-like	3	2	0	0	1	0	0	0	6
A/Perth/16/2009 (H3N2)-like	2	4	0	0	1	0	6	0	13
B (Lineage not determined)	8	9	1	0	0	0	0	0	18
B/Wisconsin/1/2010-like	1	3	0	0	1	0	0	0	5
Total	37	62	1	1	10	2	67	1	181

Table 3: DHB codes and Descriptions

DHB code	DHB
NL	Northland
WM	Waitemata
AK	Auckland
CM	Counties Manukau
WK	Waikato
LS	Lakes
BP	Bay of Plenty
TW	Tairāwhiti
TK	Taranaki
HB	Hawke's Bay
WG	Whanganui
MC	MidCentral
WR	Wairarapa
HU	Hutt Valley
CC	Capital and Coast
NM	Nelson Marlborough
WC	West Coast
CB	Canterbury
SC	South Canterbury
SN	Southern

Figure 2 shows the national weekly consultation rates to the end of week 25, June 2012 and rates in 2011 and 2010.

Figure 2: Weekly consultation rates for influenza-like illness in New Zealand, 2010, 2011 and 2012



* A weekly rate <50 ILI consultations per 100 000 patient population is considered baseline activity. A rate of 50–249 is considered indicative of normal seasonal influenza activity, and a rate of 250–399 indicative of higher than expected influenza activity. A rate >400 ILI consultations per 100 000 patient population indicates an epidemic level of influenza

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