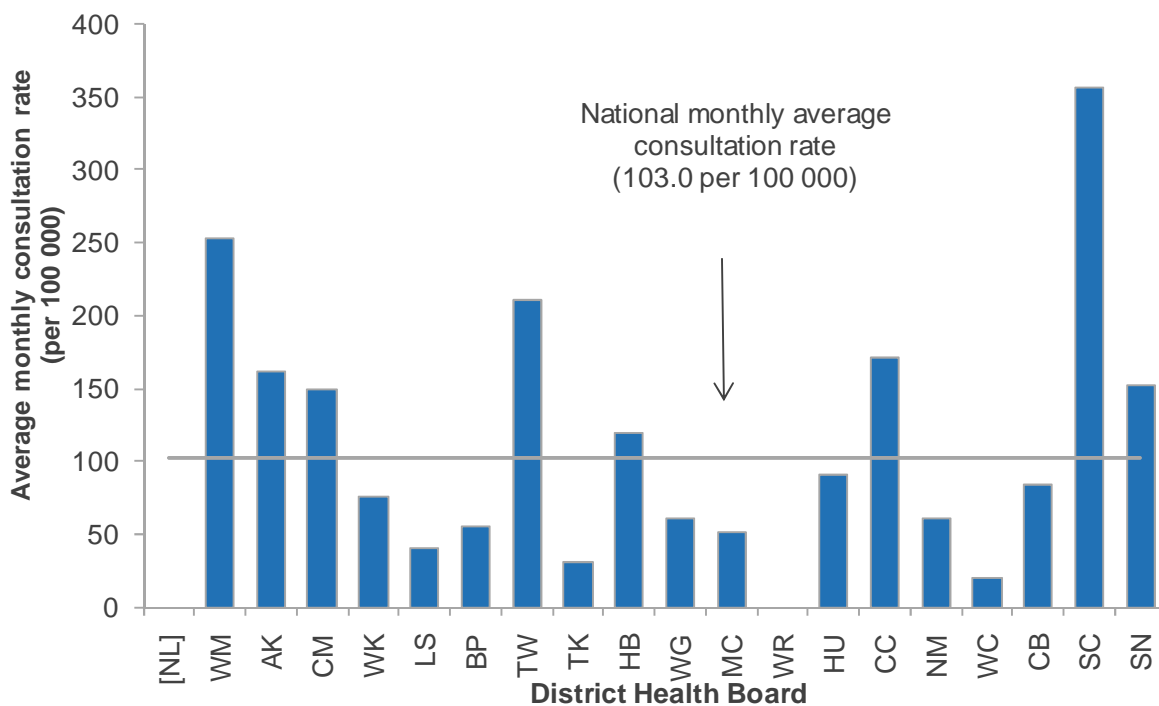


INFLUENZA SURVEILLANCE SUMMARY - AUGUST 2012

During August (weeks 31 – 34), 1510 consultations for influenza-like illness were reported from 81 general practices (on average) in 19 of the 20 District Health Boards (DHB). The average monthly consultation rate for August was 103.0 per 100 000 patient population.

Figure 1 compares the average monthly consultation rates for influenza-like illness for each DHB during August. South Canterbury had the highest consultation rate (355.5 per 100 000, 83 cases) followed by Waitemata (252.8 per 100 000, 98 cases). The following DHBs also had rates above the monthly national average of 103.0 per 100 000: Tairāwhiti, Capital and Coast, Auckland, Southern, Counties Manukau, and Hawke’s Bay.

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



[] Not participating in the influenza surveillance

A total of 2018 swabs were received for testing during August from sentinel (245) and non-sentinel (1773) surveillance. A total of 702 viruses were identified, 129 from sentinel and 573 from non-sentinel surveillance. The distribution by DHB is shown in Table 1 and Table 2 respectively.

Table 1: Sentinel viruses for August 2012 by DHB

DHB	Antigenic Strain							Total
	A (Not subtyped)	A(H1N1) pdm09	A/California /7/2009 (H1N1)-like	A(H3N2)	A/Perth/16 /2009 (H3N2)-like	B	B/Wisconsin/1/2010-like	
AK/WM	4	0	0	0	4	4	0	12
CM	0	0	0	1	0	0	0	1
WK	2	0	0	0	2	0	0	4
LS	0	0	0	2	1	0	0	3
BP	0	0	1	2	0	2	0	5
TK	1	0	0	3	2	0	0	6
HB	0	0	0	5	11	0	1	17
WG	0	0	0	5	10	0	0	15
MC	1	0	0	3	1	0	0	5
HU	0	0	0	3	1	0	0	4
CC	0	1	0	7	5	3	0	16
NM	0	1	0	6	5	1	0	13
CB	0	1	0	9	0	0	0	10
SC	0	0	0	1	0	0	0	1
SN	0	0	1	8	7	1	0	17
Total	8	3	2	55	49	11	1	129

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

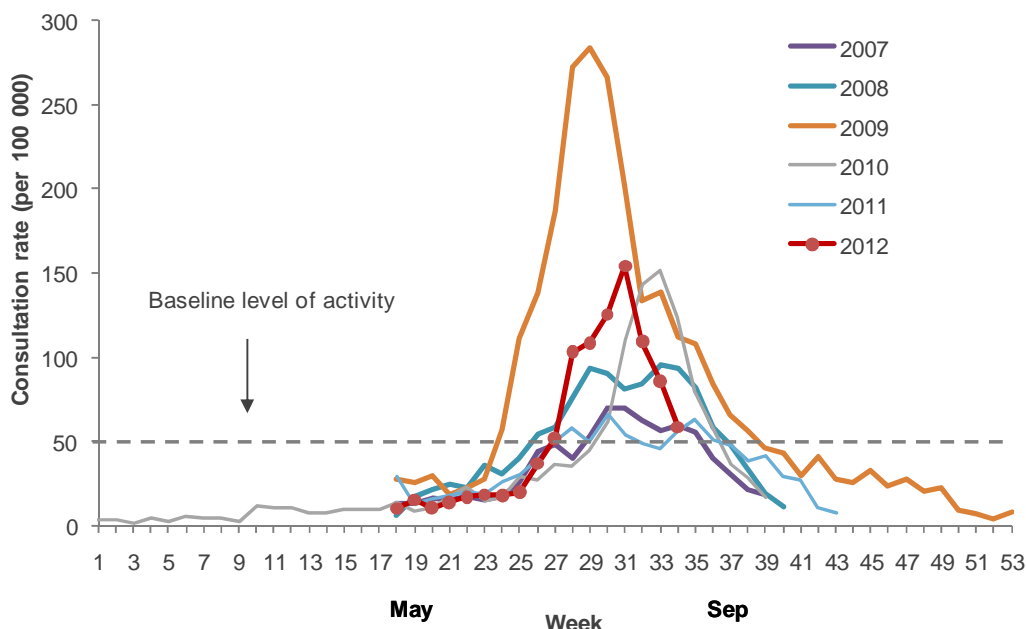
DHB	Antigenic Strain								Total
	A (Not subtyped)	A(H1N1) pdm09	A/California /7/2009 (H1N1)-like	A(H3N2)	A/Perth/16 /2009 (H3N2)-like	B	B/Brisbane /60/2008-like	B/Wisconsin /1/2010-like	
AK/WM	53	6	3	31	13	22	0	3	131
CM	13	16	2	66	19	19	1	6	142
WK	39	0	0	16	10	2	0	2	69
LS	1	0	0	1	0	0	0	0	2
BP	3	0	0	1	3	0	0	0	7
TW	0	1	0	1	0	0	0	0	2
TK	0	0	0	5	0	0	0	0	5
HB	0	0	0	7	0	0	0	0	7
WG	0	0	0	3	0	0	0	0	3
MC	0	0	0	8	0	0	0	0	8
HU	0	0	0	6	0	0	0	0	6
CC	4	5	0	79	1	4	0	0	93
NM	0	0	0	1	0	0	0	0	1
CB	0	4	0	72	1	0	2	0	79
SC	0	0	0	14	0	0	0	0	14
SN	0	0	0	4	0	0	0	0	4
Total	113	32	5	315	47	47	3	11	573

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 34, August 2012 and rates in 2007–2011.

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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