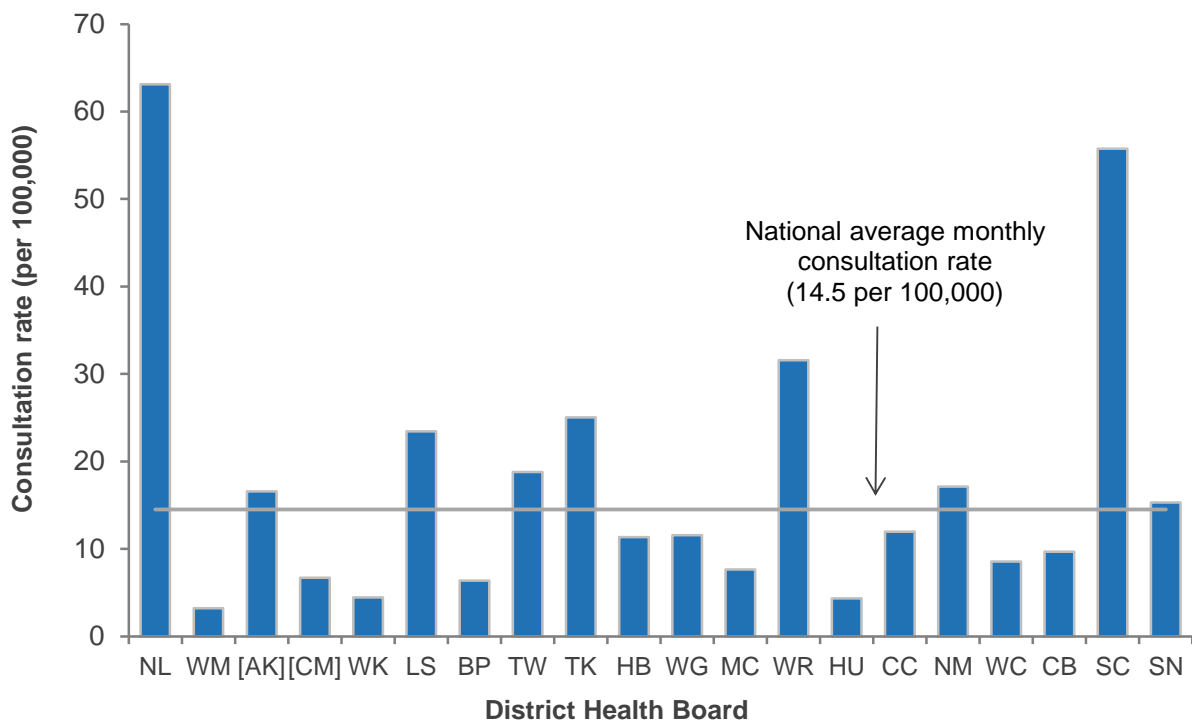


INFLUENZA SURVEILLANCE SUMMARY - MAY 2015

During May (weeks 18–22), 214 consultations for influenza-like illness were reported from 55 general practices (on average) in 18 of the 20 District Health Boards (DHB). The average monthly consultation rate for May was 14.5 per 100 000 patient population.

Figure 1 compares the average monthly consultation rates for influenza-like illness for each DHB during May. Northland had the highest consultation rate (63.1 per 100 000, 4 cases), followed by South Canterbury (55.8 per 100 000, 22 cases) and Wairarapa (31.6 per 100 000, 38 cases).

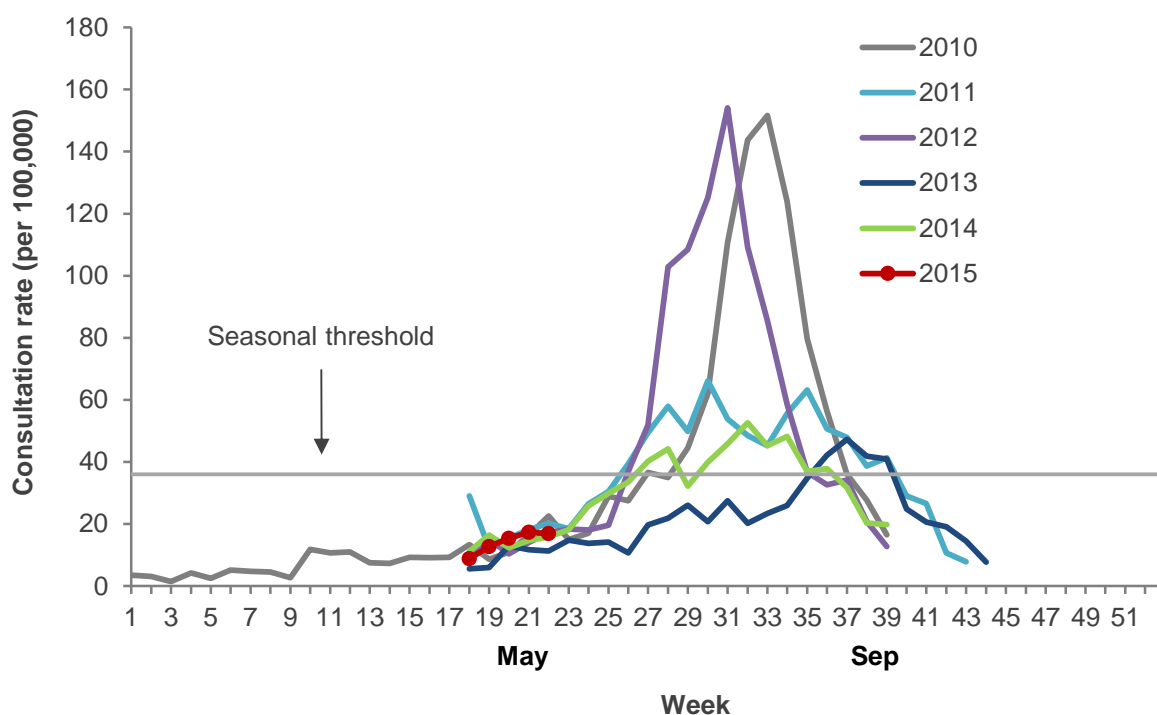
Figure 1. Average monthly consultation rates for influenza-like illness by DHB, May 2015



Note: Auckland (AK) and Counties Manukau (CM) DHBs follow the Southern Hemisphere Influenza and Vaccine Effectiveness Research and Surveillance (SHIVERS) case definition which is different from this sentinel surveillance. Based on the SHIVERS weekly report, the ILI incidence for Auckland and Counties Manukau DHBs for May were 16.6 per 100,000 and 6.7 per 100,000 patient populations, respectively. For more details, please refer to the website: <http://www.esr.cri.nz/competencies/shivers/Pages/SHIVERSReports.aspx>

Figure 2 shows the national weekly consultation rates to the end of week 22, May 2015 in comparison to the previous years, 2010–2014.

Figure 2. Weekly consultation rates for influenza-like illness in New Zealand, 2010–2015



VIROLOGICAL SURVEILLANCE

A total of 81 swabs were received by virology laboratories from sentinel surveillance. Nine influenza viruses were identified: B (5) including two B/Massachusetts/2/2012-like, B/Yamagata lineage (1), B/Brisbane/60/2008-like (1), A(H3N2) (3) and A (not sub-typed) (1). The distribution by DHB is shown in Table 1.

Table 1. Influenza viruses from sentinel surveillance for May by DHB

Antigenic Strain	DHB					Total
	TK	CC	NM	CB	SN	
A (not sub-typed)	1	0	0	0	0	1
A(H3N2)	1	1	0	0	1	3
B (not lineage-typed)	0	0	0	1	0	1
B/Brisbane/60/2008-like	0	1	0	0	0	1
B/Yamagata lineage	0	0	1	0	0	1
B/Massachusetts/2/2012-like	1	1	0	0	0	2
Total	3	3	1	1	1	9

In addition, 1145 swabs were received by virology laboratories from non-sentinel surveillance. Of these, 32 influenza viruses were identified: B (13) including one B/Massachusetts/2/2012-like, A(H3N2) (10), A (not sub-typed) (8), and A(H1N1)pdm09 (1). The distribution by DHB is shown in Table 2.

Table 2. Influenza viruses from non-sentinel surveillance for May by DHB

Antigenic Strain	DHB									Total
	AK	CM	WK	LS	BP	TK	HU	CC	CB	
A (not sub-typed)	4	1	1	0	2	0	0	0	0	8
A(H1N1)pdm09	0	0	0	0	0	0	0	0	1	1
A(H3N2)	3	1	1	1	0	1	0	2	1	10
B (not lineage-typed)	5	4	1	0	1	0	1	0	0	12
B/Massachusetts/2/2012-like	1	0	0	0	0	0	0	0	0	1
Total	13	6	3	1	3	1	1	2	2	32

Table 3. DHB codes and Abbreviations

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

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