

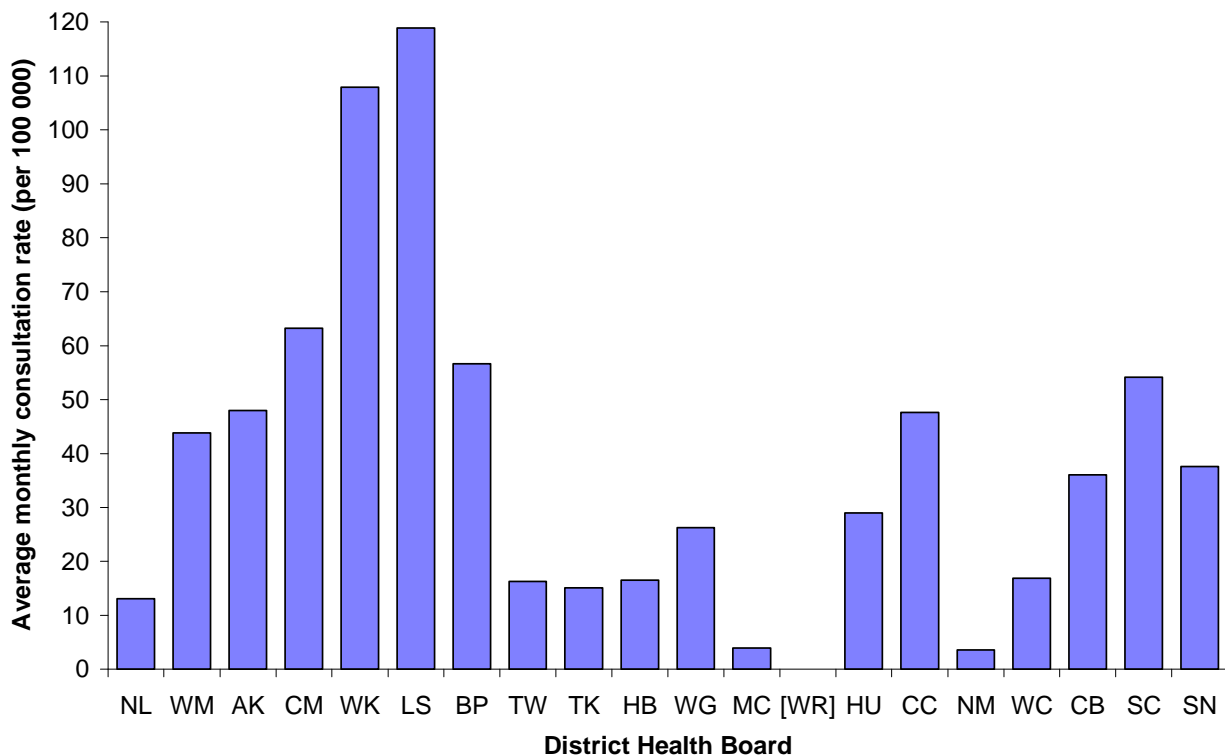
INFLUENZA SURVEILLANCE

SUMMARY - JULY 2010

During July (weeks 26 – 29), 494 consultations for influenza-like illness were reported from 80 general practices (on average) in 19 of the 20 District Health Boards (DHB). The average weekly consultation rate for July was 36.0 per 100 000 patient population.

Figure 1 compares the average monthly consultation rates for influenza-like illness for each DHB during July. Lakes had the highest consultation rate (118.9 per 100 000, 15 cases), followed by Waikato (107.9 per 100 000, 78 cases) and Counties Manukau (63.2 per 100 000, 3 cases).

Figure 1: Average monthly consultation rates for influenza-like illness by DHB, July 2010



[] No GP/practice participating in the sentinel surveillance.

A total of 150 swabs were received for testing during July from sentinel surveillance. Of these, 72 viruses were identified: influenza A (not sub-typed) (44) and pandemic (H1N1) 09 (28). The distribution by District Health Board is shown in Table 1.

Table 1: Influenza viruses from sentinel surveillance for July by DHB

Antigenic Strain	NL	WM	AK*	WK	LS	BP	HU	CC	CB	SC	SN	Total
A (not sub-typed)	0	1	35	3	0	1	0	2	1	1	0	44
Pandemic (H1N1) 09	1	0	2	0	3	2	1	0	15	3	1	28
Total	1	1	37	3	3	3	1	2	16	4	1	72

*Note: Viruses from Auckland without DHB codes have been temporarily assigned to Auckland (AK).

In addition, 1010 swabs were received by virology laboratories from non-sentinel surveillance. Of these, 402 influenza viruses were identified: pandemic (H1N1) 09 (314), A (not sub-typed) (85) and B (not typed) (3). The distribution by DHB is shown in Table 2.

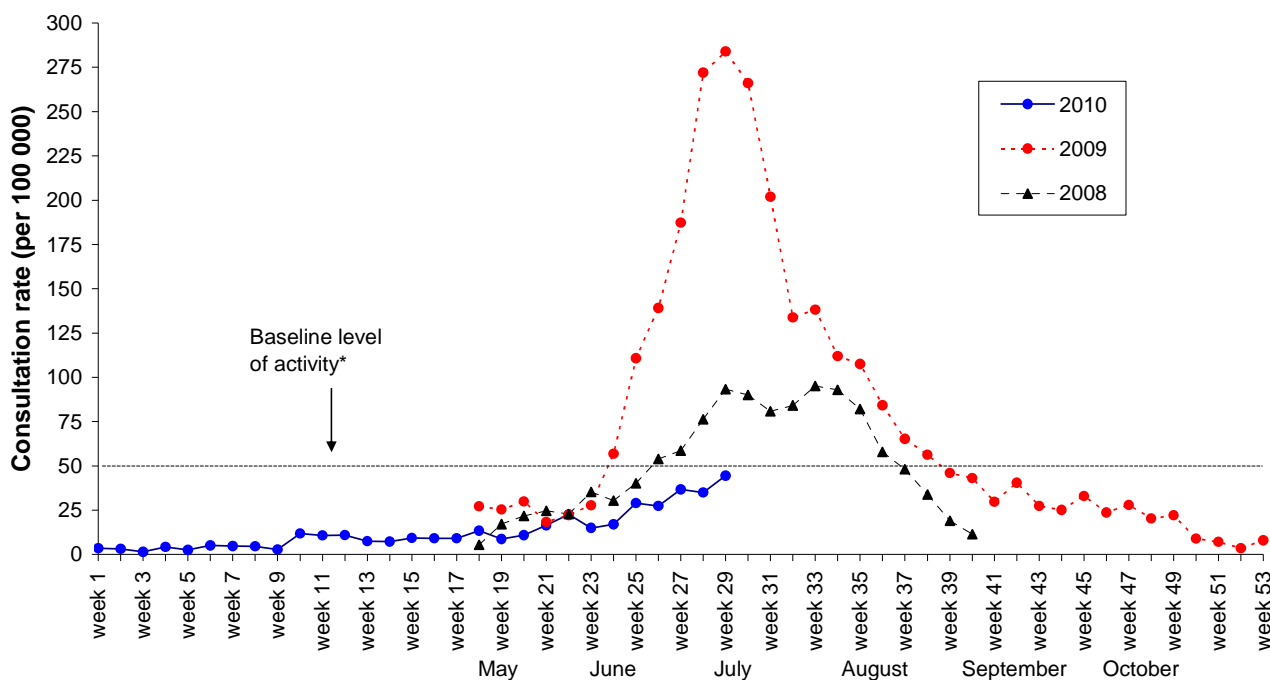
Table 2: Influenza viruses from non-sentinel surveillance for July by DHB

Antigenic Strain	NL	WM	AK*	CM	WK	LS	BP	TK	HB	WG	CC	CB	SC	SN	Total
A (not sub-typed)	0	0	59	0	13	1	3	0	0	0	0	8	0	0	85
B (not typed)	0	0	0	0	0	0	0	0	0	0	0	1	2	0	3
Pandemic (H1N1) 09	1	2	124	11	63	3	27	9	8	6	19	24	15	2	314
Total	1	2	183	11	76	4	30	9	9	6	19	33	17	2	402

*Note: Viruses from Auckland without DHB codes have been temporarily assigned to Auckland (AK).

Figure 2 shows the national weekly consultation rates to the end of week 29, July 2010 and rates in 2009 and 2008.

Figure 2: Weekly consultation rates for influenza-like illness in New Zealand, 2008, 2009 and 2010



* 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 activity.