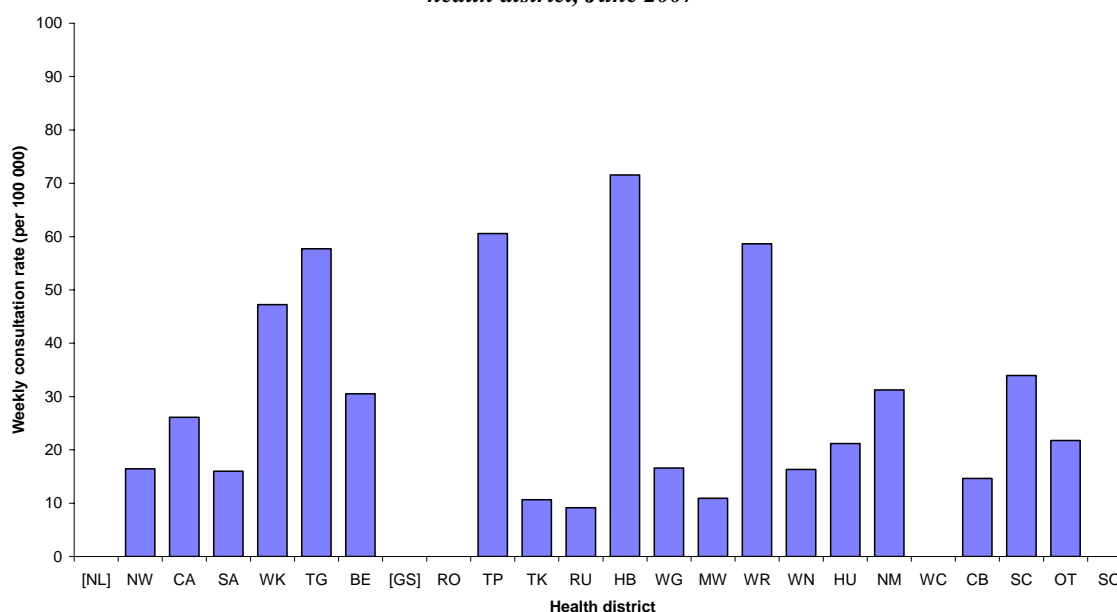


INFLUENZA SURVEILLANCE SUMMARY - JUNE 2007

During June (weeks 22 – 26), 413 consultations for influenza-like illness were reported from 81 general practices (on average) in 22 out of 24 health districts. The average weekly consultation rate for June was 23.7 per 100 000 patient population.

Figure 1 compares the average weekly consultation rates for influenza-like illness for each health district during June. Hawke's Bay had the highest consultation rate (71.5 per 100 000), followed by Taupo (60.6 per 100 000).

Figure 1: Average weekly consultation rates for influenza-like illness by health district, June 2007



[] Health districts not participating in the influenza surveillance

A total of 136 swabs were sent for testing during June from sentinel surveillance. One hundred and fifty-five influenza swabs were received by the regional virology laboratories. Of these, 34 influenza viruses were isolated, 16 as influenza A (yet to be sub-typed), 12 as A/New Caledonia/20/99 (H1N1) – like, one as A(H1N1) not antigenically sub-typed, three as A/Wisconsin/67/2005 (H3N2) – like, and two as A(H3N2) not antigenically sub-typed. The distribution by health district is shown in Table 1.

Table 1

Antigenic Strain	NW	CA	WK	HB	WN	CB	Total
A (not sub-typed)	1	8	4	0	0	3	16
A H1N1 (not antigenically sub-typed)	0	0	1	0	0	0	1
A H3N2 (not antigenically sub-typed)	0	2	0	0	0	0	2
A/New Caledonia/20/99 (H1N1) - like	2	3	1	3	3	0	12
A/Wisconsin/67/2005 (H3N2) - like	0	2	1	0	0	0	3
Total	3	15	7	3	3	3	34

In addition, 37 influenza viruses were reported from the laboratory-based (non-sentinel) surveillance in June, 18 as influenza A (yet to be sub-typed), 16 as A/New Caledonia/20/99 (H1N1) – like, and three as influenza B (yet to be antigenically typed). The distribution by health district is shown in Table 2.

Table 2

Antigenic Strain	NW	CA	SA	WK	GS	HB	WG	WN	CB	Total
A (not sub-typed)	3	1	1	5	2	2	1	3	0	18
A/New Caledonia/20/99 (H1N1) - like	4	2	0	10	0	0	0	0	0	16
B (not antigenically typed)	2	0	0	0	0	0	0	0	1	3
Total	9	3	1	15	2	2	1	3	1	37

Figure 2 shows the cumulative total of influenza isolates confirmed (sentinel and laboratory-based surveillance) for June 2007. A total of 71 isolates were identified, 34 as influenza A (yet to be sub-typed), 28 as A/New Caledonia/20/99 (H1N1) – like viruses, one as A(H1N1) not antigenically sub-typed, three as A/Wisconsin/67/2005 (H3N2) – like, two as A(H3N2) not antigenically sub-typed, and three as influenza B (yet to be antigenically typed).

Figure 2: Cumulative laboratory-confirmed isolates by health district, June 2007

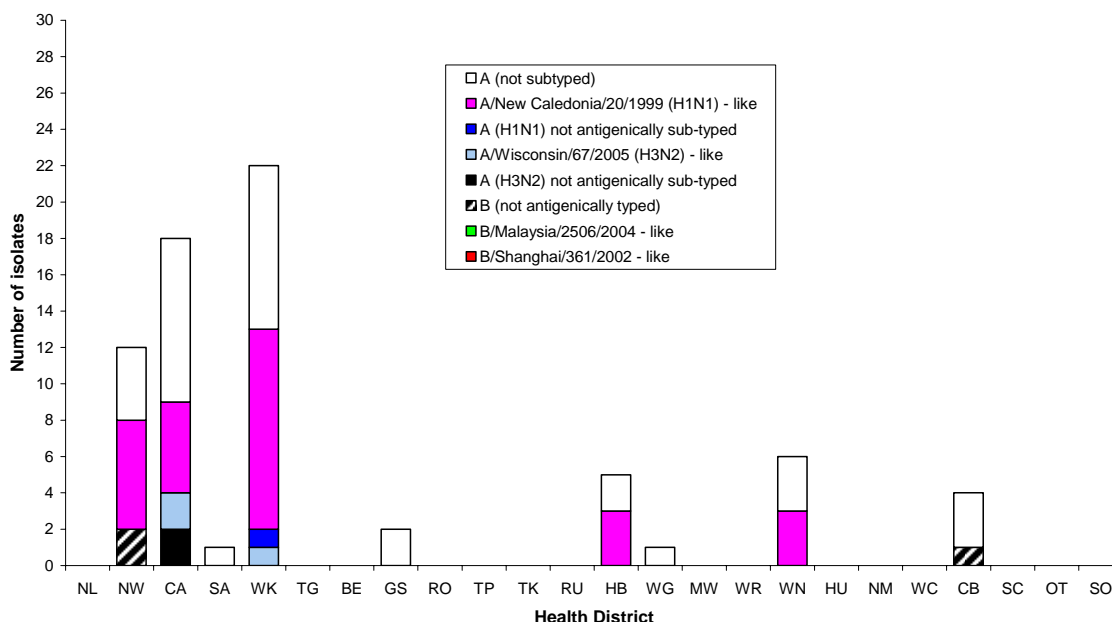


Figure 3 shows the national weekly consultation rates to the end of week 26, June 2007 and rates in 2006 and 2005.

Figure 3: Weekly consultation rates for influenza-like illness in New Zealand, 2005, 2006 and 2007

