

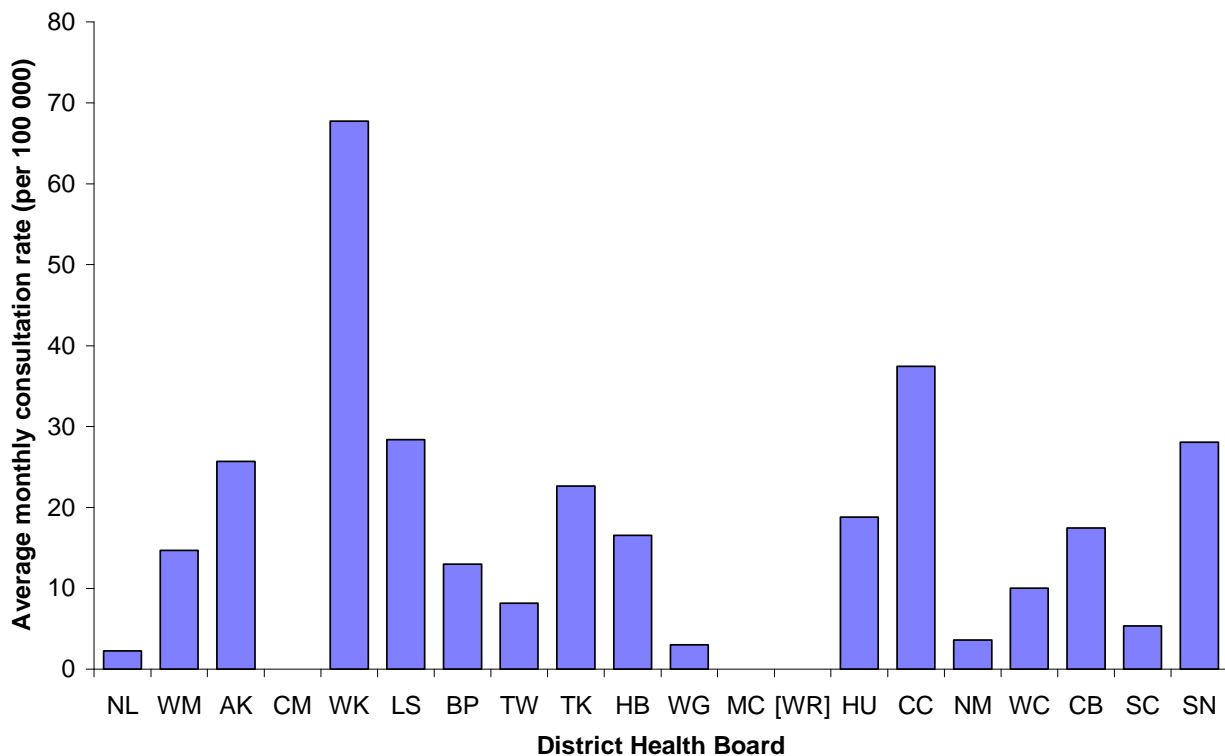
# INFLUENZA SURVEILLANCE

## SUMMARY - JUNE 2010

During June (weeks 22 – 25), 301 consultations for influenza-like illness were reported from 85 general practices (on average) in 19 of the 20 District Health Boards (DHB). The average weekly consultation rate for June was 21.0 per 100 000 patient population.

Figure 1 compares the average monthly consultation rates for influenza-like illness for each DHB during June. Waikato had the highest consultation rate (67.8 per 100 000, 51 cases), followed by Capital and Coast (37.4 per 100 000, 33 cases) and Lakes (28.4 per 100 000, 4 cases).

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



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

A total of 74 swabs were received for testing during June from sentinel surveillance. Of these, 39 viruses were identified: pandemic (H1N1) 09 (19), influenza A (not sub-typed) (19) and seasonal A (H3N2) (1). The distribution by District Health Board is shown in Table 1.

**Table 1: Influenza viruses from sentinel surveillance for June by DHB**

Antigenic Strain	WM	AK	WK	LS	BP	TK	CC	CB	SC	SN	Total
A (not sub-typed)	3	12	0	1	1	0	1	0	1	0	19
Pandemic (H1N1) 09	1	1	1	1	1	1	4	4	4	1	19
Seasonal A (H3N2)	0	1	0	0	0	0	0	0	0	0	1
<b>Total</b>	<b>4</b>	<b>14</b>	<b>1</b>	<b>2</b>	<b>2</b>	<b>1</b>	<b>5</b>	<b>4</b>	<b>5</b>	<b>1</b>	<b>39</b>

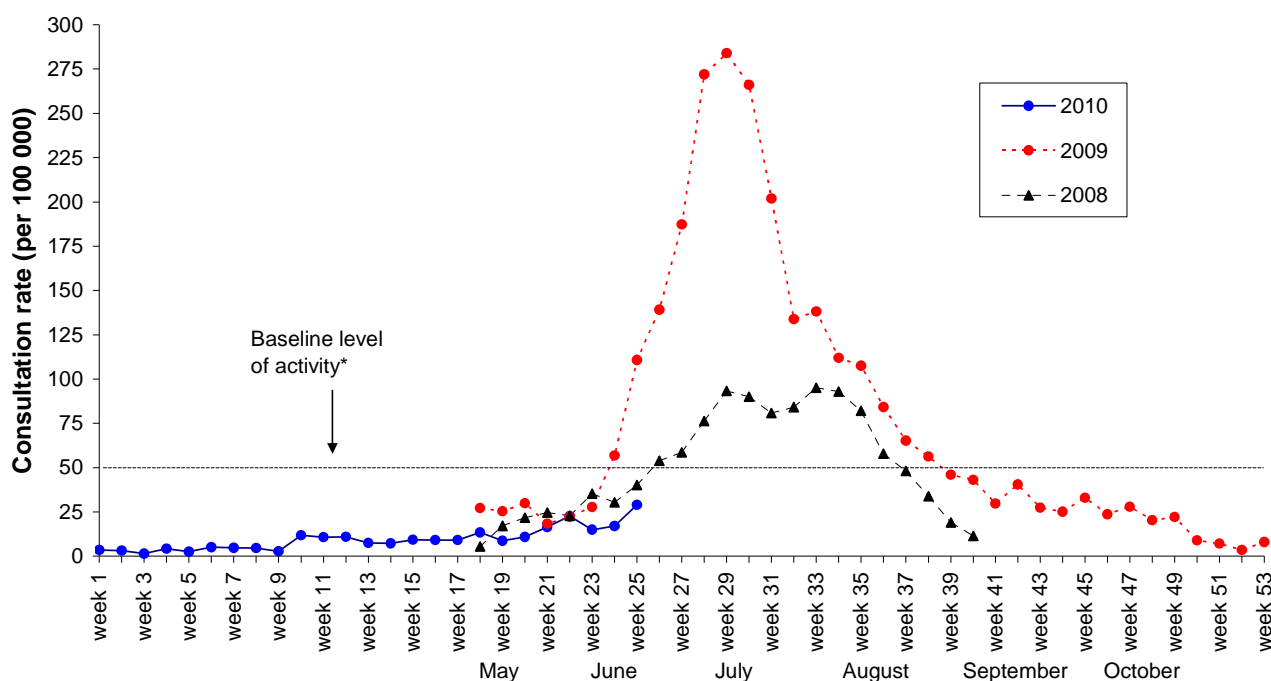
In addition, 376 swabs were received by virology laboratories from non-sentinel surveillance. Of these, 159 influenza viruses were identified: pandemic (H1N1) 09 (111), A (not sub-typed) (46) and B (not typed) (2). The distribution by DHB is shown in Table 2.

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

Antigenic Strain	WM	AK	CM	WK	LS	BP	TK	CC	CB	SC	Total
A (not sub-typed)	3	30	1	4	1	2	0	1	4	0	46
B (not typed)	0	0	0	0	0	0	0	0	0	2	2
Pandemic (H1N1) 09	6	40	14	9	0	5	6	8	8	15	111
<b>Total</b>	<b>9</b>	<b>70</b>	<b>15</b>	<b>13</b>	<b>1</b>	<b>7</b>	<b>6</b>	<b>9</b>	<b>12</b>	<b>17</b>	<b>159</b>

Figure 2 shows the national weekly consultation rates to the end of week 25, June 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.

Compiled by:

Liza Lopez

Population and Environmental Health

ESR Kenepuru Science Centre

PO Box 50 348, PORIRUA

Tel : 04 914 0647 Fax: 04 978 6690 Email:liza.lopez@esr.cri.nz

Dr. Sue Huang

WHO National Influenza Centre

ESR Wallaceville Science Centre

PO Box 40158, Upper Hutt