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## VIROLOGY WEEKLY REPORT

2011/24 23 June 2011

A summary of laboratory-diagnosed viral infections of interest for the week of 13/06/2011 - 19/06/2011

### PRIMARY DIAGNOSTIC REPORTS ON VIRAL INFECTIONS REPORTED THIS WEEK

	Regions reporting Virus Identification				TOTAL
	Auckland	Waikato	Wellington	Christchurch	
Influenza A	3		2	1	6
Influenza A H3N2			1		1
Influenza B	6	1	4	1	12
Human metapneumovirus	1			4	5
Mycoplasma pneumoniae		2		1	3
Parainfluenza 2	2				2
Parainfluenza 3	6	1		3	10
Parvovirus				2	2
Respiratory Syncytial Virus (RSV)	25	2	8	1	35
Rhinovirus				8	8
Rotavirus	2			8	10
Varicella Zoster Virus (VZV)	4	9		1	14
Adenovirus	3	3		1	7
Enterovirus	4		1		5
Measles	9			2	11
Mumps	1				1

### TYPING AND IDENTIFICATIONS FOR VIRUSES WITH PUBLIC HEALTH IMPORTANCE (ESR and others)

Virus	Type/subtype	ID Method	Health district	Specimen Type/site	Date Specimen taken	Age/sex	Clinical data
Adenovirus	Type 4	Seq	WK	Eye	10.5.2011	33 Y/F	
Measles		IgM	CA	Serum	16.6.2011	9 Y/M	Rash
Measles		IgM	CA	Serum	15.6.2011	13 Y/F	Suspected measles
Measles		PCR	HB	Throat swab	08.6.2011	21Y/F	
Measles		PCR	CA	Throat	10.6.2011	32 Y/F	
Measles		PCR	CA	NPS	12.6.2011	9 Y/F	Clinical Measles
Measles		PCR	CA	Throat	13.6.2011	37 Y/F	Symptoms of Measles
Measles		PCR	CA	Throat	13.6.2011	9 Y/F	
Measles		PCR	CA	Throat	14.6.2011	1 Y/F	
Measles		PCR	CA	Throat	15.6.2011	2 Y/M	
Measles		PCR	HB	Throat swab	08.6.2011	16M/M	
Measles		IgM	CA	Serum	13.6.2011	8 Y/M	
Mumps		IgM	CA	Serum	10.6.2011	82 Y/F	

CA: Central Auckland

HB: Hawkes Bay

WK: Waikato

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PCR Polymerase Chain Reaction (DNA)  
IgM Positive IgM ELISA

Seq PCR Sequencing  
NPS Nasopharyngeal Swab

NOTE: During April to September 2011, sentinel as well as hospital surveillance for influenza is conducted. For detailed information on consultation rates and viral isolations, please refer to "Influenza Weekly Update" report which can be viewed at [http://www.surv.esr.cri.nz/virology/influenza\\_weekly\\_update.php](http://www.surv.esr.cri.nz/virology/influenza_weekly_update.php).

The Virology Weekly reporting only records numbers of influenza viral isolations from sentinel and hospital surveillance. This report is also available at [http://www.surv.esr.cri.nz/virology/virology\\_weekly\\_report.php](http://www.surv.esr.cri.nz/virology/virology_weekly_report.php).

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Data provided by Virology Laboratories of Auckland, Waikato, Christchurch Hospitals, Microbiology Laboratory of Wellington Hospital and Middlemore Hospital and ESR.

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