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## VIROLOGY WEEKLY REPORT

2010/36 16 September 2010

A summary of laboratory-diagnosed viral infections of interest for the week of 06/09/2010 - 12/09/2010

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

	Virus Laboratory					TOTAL
	Auckland	Waikato	ESR	Wellington	Christchurch	
Influenza A	5	10			2	17
Influenza A H1N1 swl	4	6	10	6	26	52
Human Metapneumovirus		3				3
Mycoplasma Pneumoniae		3		2		5
Parainfluenza 1		2				2
Parainfluenza 3		1				1
Respiratory Syncytial Virus (RSV)	3	24		5	42	74
Rhinovirus	1	2				3
Rotavirus	4	2		3	1	10
Varicella Zoster Virus (VZV)	2	8		1	16	27
Adenovirus	1	1				2
Enterovirus	1					1
Measles	2					2

This week, Middlemore hospital reported 1 Influenza A H1N1 swl, 1 Influenza B, 1 Parainfluenza type 3, 31 Respiratory Syncytial Virus (RSV) and 9 Human Metapneumovirus infections.

### 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
Enterovirus	Echovirus type 6	Neut	CA	Faeces	20.8.2010	4M/M	
Measles		IgM	CA	Serum	05.9.2010	1Y/F	
Measles		IgM	CA	Serum	03.9.2010	17Y/M	

CA: Central Auckland

Neut Neutralisation test

IgM Positive IgM ELISA

NOTE: During April to September 2010, 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).

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

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