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## VIROLOGY WEEKLY REPORT

2010/35 08 September 2010

A summary of laboratory-diagnosed viral infections of interest for the week of 30/08/2010 - 05/09/2010

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

	Virus Laboratory					TOTAL
	Auckland	Waikato	ESR	Wellington	Christchurch	
Influenza A	1	11	1		6	19
Influenza A H1N1 swl	15	7	15	16	52	105
Mycoplasma pneumoniae		7				7
Parainfluenza 3	1					1
Respiratory Syncytial Virus (RSV)	2	28		6	52	88
Rotavirus	3	5		1		9
Varicella Zoster Virus (VZV)	1	1		1	13	16
Adenovirus	5	1				6
Enterovirus	3			1	1	5
Measles	1			1		2

This week, Middlemore hospital reported 5 Influenza A H1N1 swl, 35 Respiratory Syncytial Virus (RSV) and 9 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	Coxsackievirus Group B type 4	IF	CA	NPA	15.8.2010	1 Y/F	Bronchiolitis
Enterovirus	Coxsackievirus Group B type 5	IF	CA	NPA	19.8.2010	2 M/M	Meningitis
Enterovirus	Echovirus type 19	Neut	CA	Faeces	21.8.2010	1 M/M	
Measles		PCR	WN	Not specified	31.8.2010	1Y/M	Rash, Diarrhoea
Measles		PCR	CA	Not specified	30.8.2010	30 Y/F	

CA: Central Auckland

WN: Wellington

Neut Neutralisation test

PCR Polymerase Chain Reaction

IF Immunofluorescence test

NPA Nasopharyngeal Aspirate

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.

Edited by: Wendy Gunn and Judy Bocacao, Virology, Communicable Disease Group