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## VIROLOGY WEEKLY REPORT

2011/28 20 July 2011

A summary of laboratory-diagnosed viral infections of interest for the week of 11/07/2011 - 17/07/2011

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

	Regions reporting Virus Identification				TOTAL
	Auckland	Waikato	Wellington	Christchurch	
Influenza A	4	1	4	1	10
Influenza A H1N1 swl				2	2
Influenza A H3N2			3	3	6
Influenza B	14	19	14	4	51
Human Metapneumovirus	3	1		4	8
Mycoplasma Pneumoniae		1		1	2
Parainfluenza 2	4				4
Parainfluenza 3	6	5		4	15
Parvovirus				1	1
Respiratory Syncytial Virus (RSV)	46	12	4	10	72
Rhinovirus		1	3	7	11
Rotavirus			2	2	4
Varicella Zoster Virus (VZV)	4	5		2	11
Adenovirus	5	1		1	7
Enterovirus	3	2	2	3	10
Measles	10				10

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

<b>Virus</b>	<b>Type/ subtype</b>	<b>ID Method</b>	<b>Health district</b>	<b>Specimen Type/site</b>	<b>Date Specimen taken</b>	<b>Age/ sex</b>	<b>Clinical data</b>
Enterovirus	Echovirus type 18	Seq	WN	CSF	16.6.2011	4 Y/F	fever, headache, vomiting
Enterovirus	Enterovirus type 71	Seq	WK	Skin	27.5.2011	3 Y/M	
Enterovirus	Enterovirus type 71	Seq	CB	Groin	08.6.2011	12 M/F	rash
Measles		IgM	CA	Serum	12.7.2011	19 Y/F	
Measles		IgM	CA	Serum	13.7.2011	10 M/M	
Measles		IgM	CA	Serum	14.7.2011	1 Y/F	
Measles		PCR	CA	Throat	08.7.2011	6 Y/F	Fever, rash, Koplik spots
Measles		PCR	CA	Throat	08.7.2011	6 M/M	
Measles		PCR	CA	NPS	12.7.2011	19 Y/F	
Measles		PCR	CA	Throat	13.7.2011	14 Y/M	Fever, Rash
Measles		PCR	CA	Throat	13.7.2011	20 Y/M	
Measles		PCR	CA	Throat	14.7.2011	22 Y/F	
Measles		IgM	CA	Serum	11.7.2011	1 Y/M	Morbiliform rash

CA: Central Auckland

CB: Canterbury

WK: Waikato

WN: Wellington

PCR Polymerase Chain Reaction  
IgM Positive IgM ELISA  
Seq PCR sequencing

NPA Nasopharyngeal Aspirate  
CSF Cerebrospinal Fluid

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).

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

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