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## VIROLOGY WEEKLY REPORT

2012/28 26 July 2012

A summary of laboratory-diagnosed viral infections of interest for the week of 09/07/2012 - 15/07/2012

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

	Regions reporting Virus Identification				TOTAL
	Auckland	Waikato	Wellington	Christchurch	
Influenza A	23	4	4	4	35
Influenza A H1N1 swl	21		6	4	31
Influenza A H3N2	11		17	214	242
Influenza B	21		2	5	28
Bocavirus				1	1
Metapneumovirus	13	2		4	19
Mycoplasma Pneumoniae		2		1	3
Parainfluenza 1	11	2		3	16
Parainfluenza 2	2			1	3
Parainfluenza 3	10	2		10	22
Parainfluenza 4				1	1
Picornavirus	33				33
Respiratory Syncytial Virus (RSV)	51	23	4	43	121
Rhinovirus		1		12	13
Rotavirus	4	1	1	3	9
Varicella Zoster Virus (VZV)	1		2	5	8
Adenovirus	14	2		5	21
Enterovirus				2	2

### 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 1	Seq	SA	NPA	24.6.2012	14 M/F	
Adenovirus	Type 1	Seq	SA	NPA	23.6.2012	9 M/M	
Adenovirus	Type 3	Seq	WK	Nasal	19.6.2012	39 Y/F	Flu symptoms
Adenovirus	Type 3	Seq	CB	Eye	14.6.2012	30 Y/M	
Adenovirus	Type 37	Seq	CB	Eye	14.6.2012	21 Y/F	
Adenovirus	Type 8	Neut	CA	Eye Swab	12.6.2012	63Y/M	
Enterovirus	Echovirus type 19	Neut	CA	Rectal Swab	08.6.2012	2M/M	Cardiomyopathy

CA: Central Auckland

CB: Canterbury

SA: South Auckland

WK: Waikato

Neut Neutralisation test

NPA Nasopharyngeal Aspirate

Seq PCR sequencing

NOTE: During April to September 2012, 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, Middlemore hospital and ESR.

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