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## VIROLOGY WEEKLY REPORT

2014/28 18 July 2014

A summary of laboratory-diagnosed viral infections of interest for the week of 07/07/2014 - 13/07/2014

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

	Laboratories reporting Virus Identification				TOTAL
	Auckland labs	Waikato & BOP labs	Wellington labs	Christchurch lab	
Influenza A	3	49	27		79
Influenza A H1N1 pdm09	35	2	7	27	71
Influenza A H3N2	3				3
Influenza B		1	2	3	6
Bocavirus				4	4
Coronavirus				14	14
Metapneumovirus	7	5	8	11	31
Mycoplasma pneumoniae			1	6	7
Parainfluenza 1	9	1	6	1	17
Parainfluenza 2				1	1
Parainfluenza 3	1		1		2
Parainfluenza 4		1			1
Picornavirus	41				41
Respiratory Syncytial Virus (RSV)	51	24	31	28	134
Rhinovirus	13		21	12	46
Rotavirus	3			1	4
Varicella Zoster Virus (VZV)	2	8	2	5	17
Adenovirus	9	2	5	2	18
Enterovirus	7		4	1	12
Measles				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 35	Seq	SA	Urine	13.6.2014	6Y/M	
Enterovirus	Coxsackievirus Group A type 6	PCR	CA	Swab	05.7.2014	1Y/M	Rash at dorsum of hands and wrists, fever
Measles		IgM	CB	Serum	07.7.2014	2Y/F	

CA: Central Auckland

CB: Canterbury

SA: South Auckland

PCR Polymerase Chain Reaction

IgM Positive IgM ELISA

Seq PCR sequencing

NOTE: During April to September 2014, 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 Auckland labs (Labplus -Virology and Middlemore Hospital - Microbiology), Waikato & BOP labs (Waikato and Pathlab-Tauranga), Canterbury Health-Virology lab and Wellington labs (Wellington Hospital- Microbiology Lab and ESR).

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