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## VIROLOGY WEEKLY REPORT

2014/25 26 June 2014

A summary of laboratory-diagnosed viral infections of interest for the week of 16/06/2014 - 22/06/2014

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

	Laboratories reporting Virus Identification				TOTAL
	Auckland labs	Waikato and BOP labs	Wellington labs	Christchurch lab	
Influenza A	3	14	9		22
Influenza A H1N1 pdm09	8		1	19	28
Influenza A H3N2	1		1		2
Influenza B	4		5		9
Bocavirus				2	2
Coronavirus				6	6
Metapneumovirus	6	1	3		10
Mycoplasma pneumoniae		1	1	13	15
Parainfluenza 1	4	3	14	2	23
Parainfluenza 2			1		1
Parainfluenza 3	1	1	1		3
Parainfluenza 4				1	1
Picornavirus	29				29
Respiratory Syncytial Virus (RSV)	29	17	27	10	83
Rhinovirus	11		36	18	65
Rotavirus	9	6		1	16
Varicella Zoster Virus (VZV)	7	2	1	7	17
Adenovirus	7		4	1	12
Enterovirus	2		5		7
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
Enterovirus	Coxsackievirus Group A type 16	Seq	CB	Swab	10.5.2014	10Y/M	
Enterovirus	Coxsackievirus Group B type 2	Seq	WK	Nasal	10.5.2014	4Y/M	Fever
Enterovirus	Coxsackievirus Group B type 2	Seq	SA	NPA	08.5.2014	7D/M	
Enterovirus	Echovirus type 30	Seq	WK	Faeces	09.5.2014	3M/F	Febrile
Enterovirus	Echovirus type 30	Seq	WK	Faeces	01.5.2014	1M/M	Meningitis
Measles		IgM	CA	Serum	13.6.2014	15Y/F	

CA: Central Auckland

CB: Canterbury

SA: South Auckland

WK: Waikato

NPA Nasopharyngeal Aspirate  
Seq PCR sequencing

IgM IgM ELISA

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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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