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## VIROLOGY WEEKLY REPORT

2014/30 30 July 2014

A summary of laboratory-diagnosed viral infections of interest for the week of 21/07/2014 - 27/07/2014

### 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	21	44	34	1	100
Influenza A H1N1 pdm09	41		40	25	106
Influenza A H3N2	5		10	2	17
Influenza B	4		5	1	10
Bocavirus				4	4
Coronavirus				15	15
Metapneumovirus	10	2	19	18	49
Mycoplasma Pneumoniae		1		23	24
Parainfluenza 1	6		4	4	14
Parainfluenza 2			1		1
Parainfluenza 3	4	1			5
Parainfluenza 4				2	2
Picornavirus	49				49
Respiratory Syncytial Virus (RSV)	43	27	46	23	139
Rhinovirus	7		29	13	49
Rotavirus	4	1	1	2	8
Varicella Zoster Virus (VZV)	3	6	4	10	23
Adenovirus	7		13	4	24
Enterovirus	6	1	3	1	11

### 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 3	Neut	CA	Eye Swab	08.7.2014	8Y/M	Conjunctivitis
Adenovirus	Type 3	Seq	CB	NPS	30.6.2014	4Y/M	
Adenovirus	Type 4	Neut	CA	Eye Swab	04.7.2014	40Y/F	Persistent red eye
Adenovirus	Type 8	Neut	CA	Eye Swab	18.6.2014	26Y/F	Swollen right side of face

CA: Central Auckland

CB: Canterbury

Neut Neutralisation test  
Seq PCR sequencing

NPS Nasopharyngeal Swab

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).

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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