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## VIROLOGY WEEKLY REPORT

2014/29 25 July 2014

A summary of laboratory-diagnosed viral infections of interest for the week of 14/07/2014 - 20/07/2014

### 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	13	44	24	1	82
Influenza A H1N1 pdm09	38	3	21	22	84
Influenza A H3N2	5		6	1	12
Influenza B	5	1	2	1	9
Bocavirus				2	2
Coronavirus		3		11	14
Metapneumovirus	9	9	16	18	52
Mycoplasma pneumoniae		1		16	17
Parainfluenza 1	4		4	1	9
Parainfluenza 3	4	1		1	6
Parainfluenza 4				2	2
Picornavirus	44	2			46
Respiratory Syncytial Virus (RSV)	61	40	31	31	163
Rhinovirus	8		16	8	32
Rotavirus	4	3	3	2	12
Varicella Zoster Virus (VZV)	4	4	1	4	13
Adenovirus	9	1	5	2	17
Enterovirus	6	2	12		20
Measles				4	4

**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 2	Seq	SA	NPA	22.6.2014	5M/M	
Adenovirus	Type 2	Seq	WK	Faeces	16.6.2014	1Y/M	Sepsis, ?meningitis
Adenovirus	Type 3	Seq	CB	Nose	18.6.2014	4Y/F	
Adenovirus	Type 3	Seq	OT	Eye	17.6.2014	29Y/M	
Adenovirus	Type 5	Seq	SA	NPA	07.6.2014	2M/M	
Measles		IgM	HB	Serum	14.7.2014	17Y/M	
Measles		IgM	NM	Serum	15.7.2014	47Y/F	
Measles		IgM	HB	Serum	16.7.2014	18Y/M	
Measles		IgM	MW	Serum	18.7.2014	10Y/M	

CB: Canterbury  
WK: Waikato

HB: Hawkes Bay  
MW: Manawatu

NM: Nelson Marlborough

OT: Otago

SA: South Auckland

NPA Nasopharyngeal Aspirate  
Seq PCR sequencing

IgM IgM ELISA

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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