

# VIROLOGY WEEKLY REPORT

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A Summary of Laboratory-diagnosed viral infections of interest for the week of 25/07/2016 - 31/07/2016

## PRIMARY DIAGNOSIS REPORTS ON VIRAL INFECTIONS REPORTED THIS WEEK

	Laboratories reporting virus identification								
	LabPlus	Middlemore	Waikato	Pathlab	ESR	Wellington	Christchurch	Dunedin	TOTAL
Influenza A	15		1	2	13	5			36
Influenza A H1N1 pdm09		2			1		10	1	14
Influenza A H3N2		7					91	3	101
Influenza B	1			1	2		2		6
Astrovirus					1		5		6
Bocavirus							14		14
Coronavirus							24		24
Metapneumovirus (HMPV)	9	8	4		1		3		25
Mycoplasma pneumoniae			2				1		3
Norovirus					2		29		31
Parainfluenza 1		2			2	1	10		15
Parainfluenza 3	2	1			1		4		8
Parainfluenza 4							4		4
Picornavirus		35						1	36
Respiratory Syncytial Virus (RSV)	29	33	23	10	15	23	32	2	167
Rhinovirus	16				8	1	50		75
Rotavirus						1			1
Sapovirus					3		8		11
Varicella Zoster Virus (VZV)	19	1	3			4	7	3	37
Adenovirus	7	2	1		3		9	2	24
Enterovirus	6				6		1		13
Measles						1			1

## TYPING AND IDENTIFICATIONS FOR VIRUSES WITH PUBLIC HEALTH IMPORTANCE (ESR and others)

Virus	Type / Subtype	ID Method	DHB	Specimen Type/ Site	Date Specimen Taken	Age / Sex	Clinical Data
Enterovirus	Coxsackievirus Group A type 6	Seq	Southern	Swab	06/07/2016	16/M	
Measles		PCR	Capital and Coast	Nasal swab	30/07/2016	8/M	Overseas trip, fever, rash , conjunctivitis

Seq        PCR sequencing  
PCR        Polymerase chain reaction

NOTE: During April to September 2016, 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 LabPlus, Waikato and Christchurch Hospital, Microbiology Laboratory of Wellington, Middlemore, Tauranga and Dunedin Hospital and ESR's Clinical Virology and Enteric Viruses Laboratory.

Edited by: Ben Waite and Judy Bocacao, Clinical Virology Laboratory, Health Program

Enquiries: Judy Bocacao, Tel: 644 5290618, e-mail: [judy.bocacao@esr.cri.nz](mailto:judy.bocacao@esr.cri.nz)