

# VIROLOGY WEEKLY REPORT

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A Summary of Laboratory-diagnosed viral infections of interest for the week of 13/08/2018 - 19/08/2018

## PRIMARY DIAGNOSIS REPORTS ON VIRAL INFECTIONS REPORTED THIS WEEK

	Laboratories reporting virus identification							
	LabPlus	Middlemore	Waikato	ESR	Wellington	Christchurch	Dunedin	TOTAL
Influenza A	57		35	9	37	10		148
Influenza A H1N1 pdm09		73		13		66	2	154
Influenza A H3N2		14		3				17
Influenza B	3	2	1	4	1	3		14
Astrovirus						2		2
Bocavirus						6		6
Metapneumovirus (HMPV)	9	18	1	3		23	3	57
Mycoplasma pneumoniae			3			8		11
Norovirus				22		4		26
Parainfluenza 1	2	3				2		7
Parainfluenza 2						1		1
Parainfluenza 3	7	7		3	1	2		20
Parainfluenza 4			1			6		7
Picornavirus		55					8	63
Respiratory Syncytial Virus (RSV)	28	39	9	11	8	23	1	119
Rhinovirus	25			15	2	34		76
Rotavirus	1					1		2
Varicella Zoster Virus (VZV)	32	2	5		12	7	7	65
Adenovirus	12	11	1	10		14	1	49
Enterovirus				2		10		12
Measles	1							1
Mumps	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	Nelson Marlborough	Skin	21/07/2018	42/F	
Enterovirus	Coxsackievirus Group A type 6	Seq	Southern	Swab	16/07/2018	2/M	
Enterovirus	Coxsackievirus Group A type 21	Seq	Counties Manukau	NPS	25/07/2018	65/F	
Enterovirus	Echovirus type 5	Seq	Counties Manukau	CSF	05/08/2018	25/M	
Measles		IgM	Auckland	Serum	08/08/2018	9/F	
Mumps		IgM	Auckland	Serum	09/08/2018	19/M	

IgM      IgM ELISA  
Seq      PCR & Sequencing

NPS      Nasopharyngeal Swab  
CSF      Cerebrospinal Fluid

NOTE: During April to September 2018, 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, and Dunedin Hospital and ESR's Clinical Virology and Enteric Viruses Laboratory.

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