

# VIROLOGY WEEKLY REPORT

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A Summary of Laboratory-diagnosed viral infections of interest for the week of 01/10/2018 - 07/10/2018

## PRIMARY DIAGNOSIS REPORTS ON VIRAL INFECTIONS REPORTED THIS WEEK

	Laboratories reporting virus identification							
	LabPlus	Middlemore	Waikato	ESR	Wellington	Christchurch	Dunedin	TOTAL
Influenza A	8		10	6	15	9	15	63
Influenza A H1N1 pdm09		9		35		26		70
Influenza A H3N2		10		7			1	18
Influenza B		5	1	2		3	1	12
Astrovirus						2		2
Bocavirus						9		9
Metapneumovirus (HMPV)	11	11		1		14	1	38
Mycoplasma pneumoniae						3		3
Norovirus				1		11		12
Parainfluenza 1	3	1		1		2		7
Parainfluenza 2				1				1
Parainfluenza 3	9	17		2		8		36
Parainfluenza 4						3		3
Picornavirus		58					6	64
Respiratory Syncytial Virus (RSV)	7	7			1	3	2	20
Rhinovirus	33			13	2	30		78
Rotavirus	4					3		7
Varicella Zoster Virus (VZV)	22	6	2		11	10	8	59
Adenovirus	14	8	2	2	1	8	1	36
Enterovirus	2	3	1	2	1	3	2	14
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	Echovirus type 5	Seq	Counties Manukau	NPA	04/09/2018	22D/M	
Mumps		PCR	MidCentral	Unknown	30/09/2018	33/F	

NPA Nasopharyngeal Aspirate  
Seq PCR & Sequencing

PCR Polymerase Chain Reaction

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, Tauranga and Dunedin Hospital and ESR's Clinical Virology and Enteric Viruses Laboratory.

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