

VIROLOGY WEEKLY REPORT

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A Summary of Laboratory-diagnosed viral infections of interest for the week of 03/07/2017 - 09/07/2017

PRIMARY DIAGNOSIS REPORTS ON VIRAL INFECTIONS REPORTED THIS WEEK

	Laboratories reporting virus identification								
	LabPlus	Middlemore	Waikato	Pathlab	ESR	Wellington	Christchurch	Dunedin	TOTAL
Influenza A	33		25	30	63	49			200
Influenza A H1N1 pdm09		4			3		2		9
Influenza A H3N2		63			32		38	2	135
Influenza B	22	15	26	22	55	15	13		168
Astrovirus							6		6
Bocavirus							1		1
Metapneumovirus (HMPV)	1	5	2		2		13		23
Mycoplasma pneumoniae			2				2		4
Norovirus					7		10		17
Parainfluenza 1		1			1				2
Parainfluenza 2		4			2		1	2	9
Parainfluenza 3	2	6			6		4	1	19
Parechovirus							1		1
Parvovirus							1		1
Picornavirus		32							32
Respiratory Syncytial Virus (RSV)	10	25	21	11	11	9	18	6	111
Rhinovirus	18				18	3	15		54
Rotavirus	2								2
Sapovirus							2		2
Varicella Zoster Virus (VZV)	17		3			8	6	6	40
Adenovirus	9	4			7	1	4	1	26
Enterovirus	2	3			3		3		11
Mumps	7						2		9

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
Mumps		PCR	Counties Manukau	Buccal swab	04/07/2017	3/M	
Mumps		PCR	Counties Manukau	Buccal swab	05/07/2017	15/M	
Mumps		PCR	Counties Manukau	NPS	06/07/2017	20/F	Parotid swelling
Mumps		PCR	Counties Manukau	Swab	03/07/2017	13/M	
Mumps		PCR	Nelson Marlborough		30/06/2017	44/F	
Mumps		PCR	Taranaki		30/06/2017	28/M	
Mumps		PCR	Waikato	Swab	29/06/2017	42/M	
Mumps		PCR	Waitemata	Buccal swab	29/06/2017	18/M	
Mumps		PCR	Waitemata	Swab	04/07/2017	7/M	Parotid swelling

NPS Nasopharyngeal Swab

NOTE: During April to September 2017, 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. 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.

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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