

# VIROLOGY WEEKLY REPORT

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2019/28 19 August 2019

A Summary of Laboratory-diagnosed viral infections of interest for the week of 8/07/2019 - 14/07/2019

## PRIMARY DIAGNOSIS REPORTS ON VIRAL INFECTIONS REPORTED THIS WEEK

	Laboratories reporting virus identification							TOTAL
	LabPlus	Middlemore	Waikato	ESR	Wellington	Christchurch	Dunedin	
Influenza A	53		43	17	5	160	32	310
Influenza A H1N1 pdm09		3		7				10
Influenza A H3N2		37		89		8	2	136
Influenza B	24	8	34	119	34	73	16	308
Astrovirus						2		2
Bocavirus						2		2
Metapneumovirus (HMPV)	9	6		10		9		34
Norovirus						2		2
Parainfluenza 1		1		1				2
Parainfluenza 2	1	3		3		4		11
Parainfluenza 3	5	4	1	1	1	1		13
Picornavirus		45						45
Respiratory Syncytial Virus (RSV)	66	43	39	15	14	51	14	281
Rhinovirus	29			16	3	29		77
Rotavirus	2							2
Sapovirus						1		1
Varicella Zoster Virus (VZV)	20		1		5	5	4	40
Adenovirus	11	6				17		34
Enterovirus	5	5		1		5	6	22
Measles	46							46

**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
Measles		IgM	Auckland	Serum	05/07/2019	17/M	
Measles		IgM	Auckland	Serum	06/07/2019	17/M	
Measles		PCR	Auckland	NPS	05/07/2019	1/F	
Measles		PCR	Auckland	NPS	11/07/2019	29/F	Rash
Measles		PCR	Auckland	NPS	13/07/2019	31/F	
Measles		PCR	Auckland	Pharynx	10/07/2019	3/F	
Measles		PCR	Auckland	Swab	10/07/2019	1/M	Rash
Measles		PCR	Capital and Coast	Throat	08/07/2019	22/M	
Measles		PCR	Counties Manukau	Buccal swab	06/07/2019	1/F	
Measles		PCR	Counties Manukau	Buccal swab	06/07/2019	3/M	
Measles		PCR	Counties Manukau	Buccal swab	10/07/2019	5M/F	
Measles		PCR	Counties Manukau	Buccal swab	10/07/2019	1/M	
Measles		PCR	Counties Manukau	Buccal swab	10/07/2019	1/M	
Measles		PCR	Counties Manukau	Buccal swab	11/07/2019	1/F	
Measles		PCR	Counties Manukau	Buccal swab	12/07/2019	1/M	Fever, rash, coryza, conjunctivitis
Measles		PCR	Counties Manukau	Mouth swab	09/07/2019	5M/F	
Measles		PCR	Counties Manukau	Nasal swab	06/07/2019	19/M	
Measles		PCR	Counties Manukau	Nasal swab	08/07/2019	8M/M	Fever, rash
Measles		PCR	Counties Manukau	NPS	05/07/2019	17/M	
Measles		PCR	Counties Manukau	NPS	06/07/2019	18/M	
Measles		PCR	Counties Manukau	NPS	06/07/2019	28/F	
Measles		PCR	Counties Manukau	NPS	07/07/2019	10M/M	Cough, coryza, rash, conjunctivitis
Measles		PCR	Counties Manukau	NPS	07/07/2019	1/M	Coryza, Rash
Measles		PCR	Counties Manukau	NPS	08/07/2019	15/F	
Measles		PCR	Counties Manukau	NPS	09/07/2019	22/M	
Measles		PCR	Counties Manukau	NPS	10/07/2019	1/M	Rash, diarrhoea
Measles		PCR	Counties Manukau	NPS	11/07/2019	1/F	
Measles		PCR	Counties Manukau	NPS	12/07/2019	11/F	
Measles		PCR	Counties Manukau	NPS	13/07/2019	31/F	
Measles		PCR	Counties Manukau	Swab	08/07/2019	1/M	
Measles		PCR	Counties Manukau	Swab	08/07/2019	1/M	Fever, rash
Measles		PCR	Counties Manukau	Swab	08/07/2019	13/F	
Measles		PCR	Counties Manukau	Swab	08/07/2019	36/M	
Measles		PCR	Counties Manukau	Swab	09/07/2019	33/F	
Measles		PCR	Counties Manukau	Swab	10/07/2019	12/M	
Measles		PCR	Counties Manukau	Swab	12/07/2019	5M/F	
Measles		PCR	Counties Manukau	Swab	12/07/2019	2/M	
Measles		PCR	Counties Manukau	Throat	05/07/2019	12/F	
Measles		PCR	Counties Manukau	Throat	08/07/2019	18/M	

Measles		PCR	Counties Manukau	Throat	09/07/2019	31/F	
Measles		PCR	Counties Manukau	Throat	10/07/2019	9M/F	
Measles		PCR	Counties Manukau	Throat	12/07/2019	12/M	
Measles		PCR	Waitemata	NPS	10/07/2019	27/F	
Measles		PCR	Waitemata	NPS	10/07/2019	6/F	
Mumps		IgM	Waikato	Serum	05/07/2019	61/F	Bilateral parotid swelling

IgM      IgM ELISA  
PCR      Polymerase Chain Reaction

NPS      Nasopharyngeal Swab

NOTE: During April to September 2019, 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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