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VIROLOGY WEEKLY REPORT

2010/31 12 August 2010

A summary of laboratory-diagnosed viral infections of interest for the week of 26/07/2010 - 01/08/2010

PRIMARY DIAGNOSTIC REPORTS ON VIRAL INFECTIONS REPORTED THIS WEEK

	Virus Laboratory					TOTAL
	Auckland	Waikato	ESR	Wellington	Christchurch	
Influenza A	41	25	2		10	78
Influenza A H1N1 swl	51	39	27	7	84	208
Influenza B			1	1	2	4
Metapneumovirus		1				1
Mycoplasma Pneumoniae		1		1	3	5
Parainfluenza 1	2	3				5
Respiratory Syncytial Virus (RSV)	8	16		7	59	90
Rhinovirus	2					2
Rotavirus	3	9		2	2	16
Varicella Zoster Virus (VZV)		4			11	15
Adenovirus	4	1			3	8
Enterovirus					2	2
Measles	2					2

This week, Middlemore hospital reported 22 Influenza A H1N1 swl, 40 Respiratory Syncytial Virus and 5 Human Metapneumovirus (hMPV) infections.

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

Virus	Type/subtype	ID Method	Health district	Specimen Type/site	Date Specimen taken	Age/sex	Clinical data
Enterovirus	Type 71	Seq	CA	Not specified	21.06.2010	2Y/M	Herpes stomatitis or Hand, Foot and Mouth.
Measles		IgM	CA	Serum	02.8.2010	12Y/F	

CA: Central Auckland

Seq PCR Sequencing

IgM

Positive IgM ELISA

NOTE: During April to September 2010, 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, Waikato, Christchurch Hospitals, Microbiology Laboratory of Wellington Hospital and ESR.

Edited by: Wendy Gunn and Judy Bocacao, Virology, Communicable Disease Group