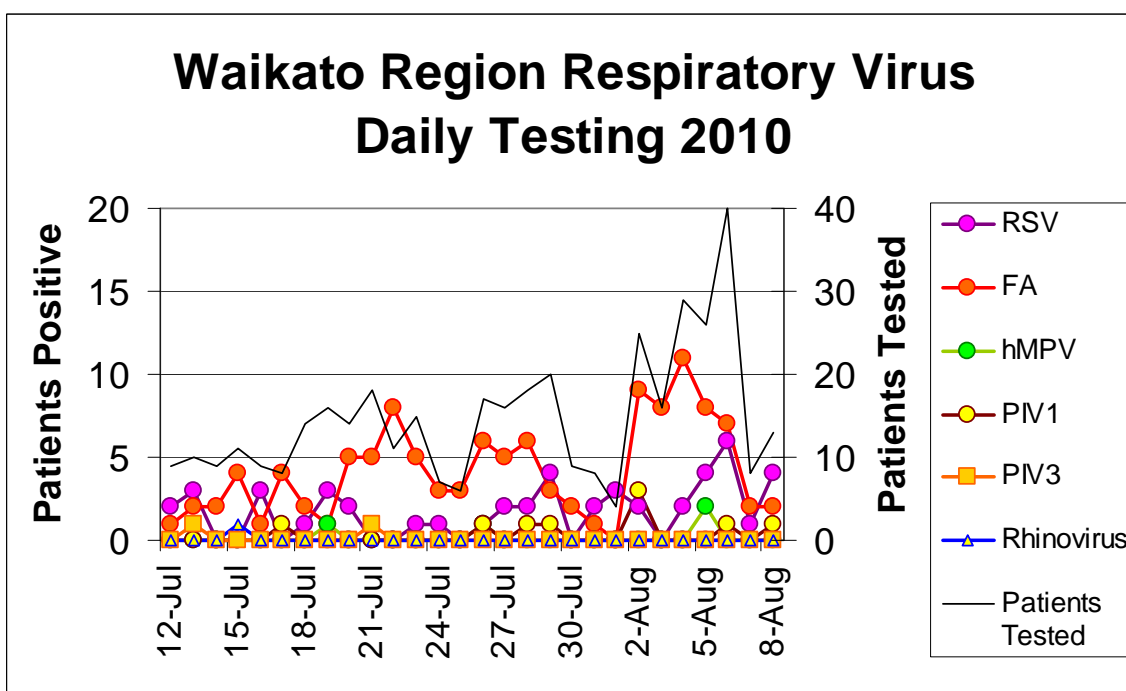


Waikato Respiratory Virus Report 10 August 2010

Numbers of specimens referred for testing and numbers of Influenza A cases increased last week. Most specimens are coming from within Waikato Hospital. The main virus is Influenza A/California/7/2009 (H1N1) v – like, ie the strain which emerged and spread around the world (pandemic) last year and is covered by the vaccine. Last week, 47 patients, about 30% of those tested, were positive for Influenza A. In 2009, this percentage reached 50 – 60% and we were finding up to 80 positives per week. RSV is present in the usual numbers for this time of year; parainfluenza virus type 1 and human metapneumovirus are also circulating.

Due to the large number of specimens received, we will be testing each specimen for influenza by either culture or PCR but not both. Samples positive by PCR for the A matrix gene will have the strain type confirmed with a PCR for the nucleoprotein gene (NP), which distinguishes this strain from previous ones. The wording used on reports to describe of the strain type may vary from week to week.



WEEKLY

Weekly	Collect date	Waikato Specimens Tested	Patients Tested	RSV	FA	PIV1	hMPV	PIV3	Rhino virus	Percent positive for Influenza A
28	18-Jul	110	70	9	16	1	0	1	1	23%
29	25-Jul	140	87	7	30	0	1	1	0	34%
30	1-Aug	148	92	14	23	3	1	0	0	25%
31	8-Aug	235	157	19	47	5	2	0	0	30%

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