

Ontario Influenza Vaccine Effectiveness Program (VE): Weekly Report. Information current as of March 27, 2010

Data in this report represents VE specimens (1 specimen/1 patient) tested at TPHL. Rejected specimens are not included in the analyses. The figure below represents the total number of VE study specimens tested at the Toronto Public Health Laboratory for influenza and other circulating respiratory viruses from September 1 to March 27, 2010. The number of circulating respiratory viruses detected do not necessary represent the number of specimens tested as coinfections of two or more respiratory viruses were detected in 107/543 specimens, in which at least one respiratory virus was detected.

Figure 1. Respiratory viruses detected among VE specimens by RT PCR and Multiplex, September 1, to March 27, 2010.

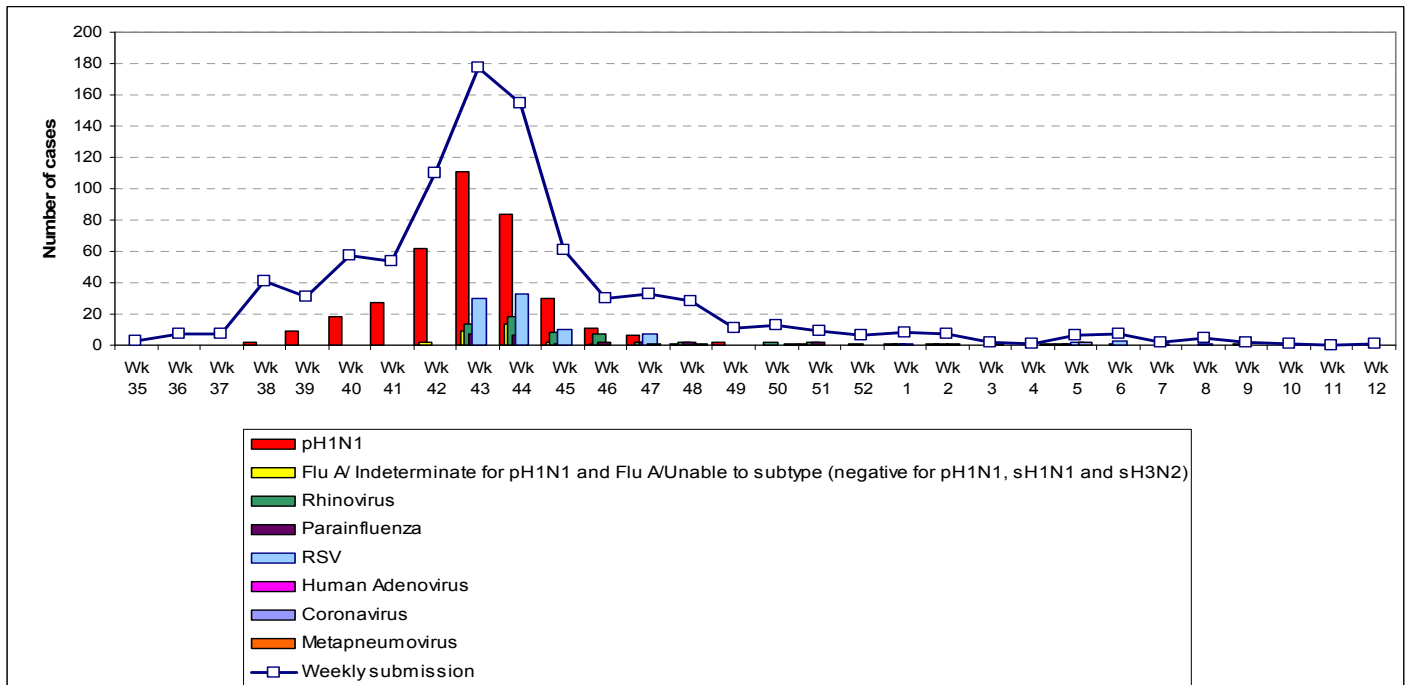


Table 1. Respiratory viruses detected among VE specimens, March 1 - March 27, 2010

| DETECTED VIRUSES | NUMBER OF SPECIMENS | PATIENT_PHU |
|---------------------------------|---------------------|-------------|
| FLU A | 0 | NA |
| FLU B | 0 | NA |
| RSV A | 1 | PEEL |
| METAPNEUMOVIRUS | 1 | WATERLOO |
| METAPNEUMOVIRUS + RHINOVIRUS | 1 | NIAGARA |
| TOTAL POSITIVE SPECIMENS | 3 | |
| TOTAL SPECIMENS TESTED | 5 | |

For more information see: <http://www.oahpp.ca/h1n1/>

Influenza activity in Ontario

Overall, influenza activity in Ontario during week 11, 2010 (March 14- March 20), was similar to the previous week. Ontario health units reported 3 new confirmed cases of influenza (2pH1N1) through the integrated Public Health Information System (iPHIS); two from Toronto and one from the Central West Region. For more information see: http://www.health.gov.on.ca/english/providers/program/pubhealth/flu/flu_09/flubul_mn.html