

Maine Weekly Influenza Surveillance Report

January 24, 2007

Synopsis

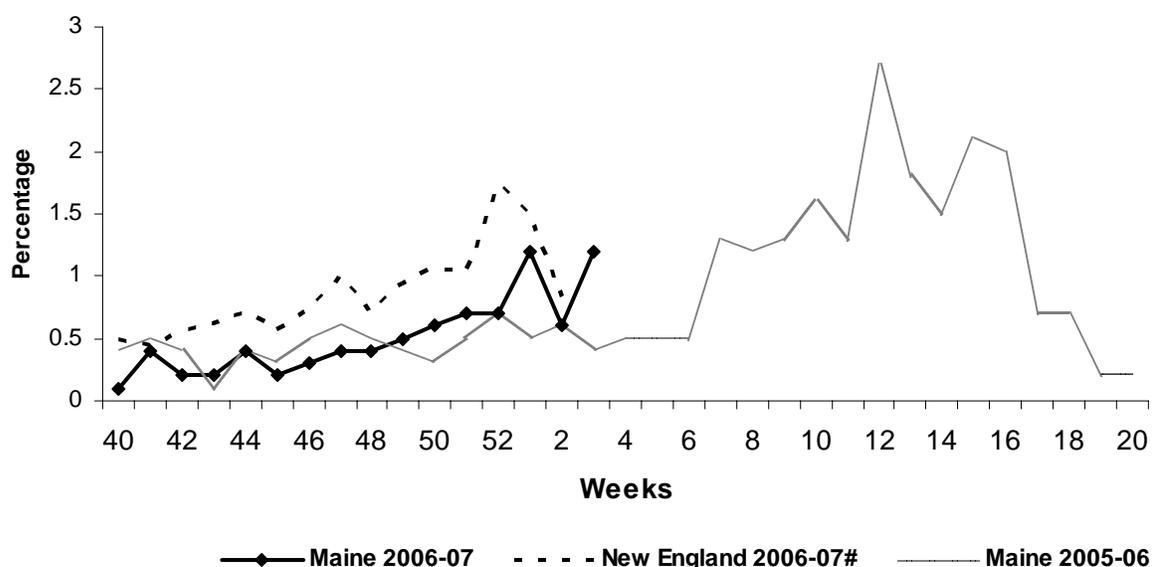
During the week ending January 20, 2007 (MMWR week 3)*, local influenza activity was reported in Maine. Laboratory-confirmed influenza has been detected in several regions of the state.

Moderate Disease Surveillance

Outpatient influenza-like illness (ILI)

During the week ending January 20, 2007, 1.2% of sentinel provider outpatient visits were due to ILI (range 0% - 3.7%).

Outpatient Visits for Influenza-like Illness -- Maine, 2005-07



New England is defined as Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, and Vermont.

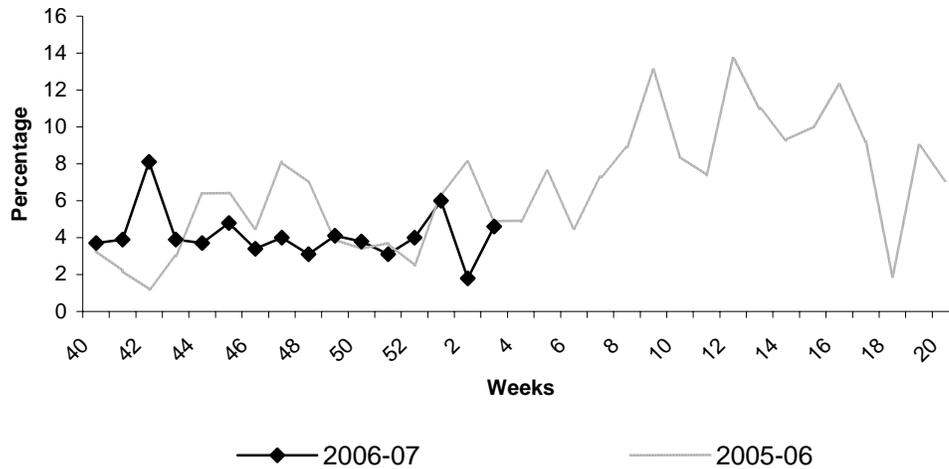
Severe Disease Surveillance

Hospital inpatients

During the week ending January 13, 2007 (week 2), 1.8% of admissions reported by three hospitals were due to respiratory illness (range 0.0% - 3.6%). During the week ending January 20, 2007 (week 3), 4.6% of admissions reported by three hospitals were due to respiratory illness (range 0.8% - 7.1%).

* At time of publication, reporting may be incomplete. Numbers presented here may change as more reports are received.

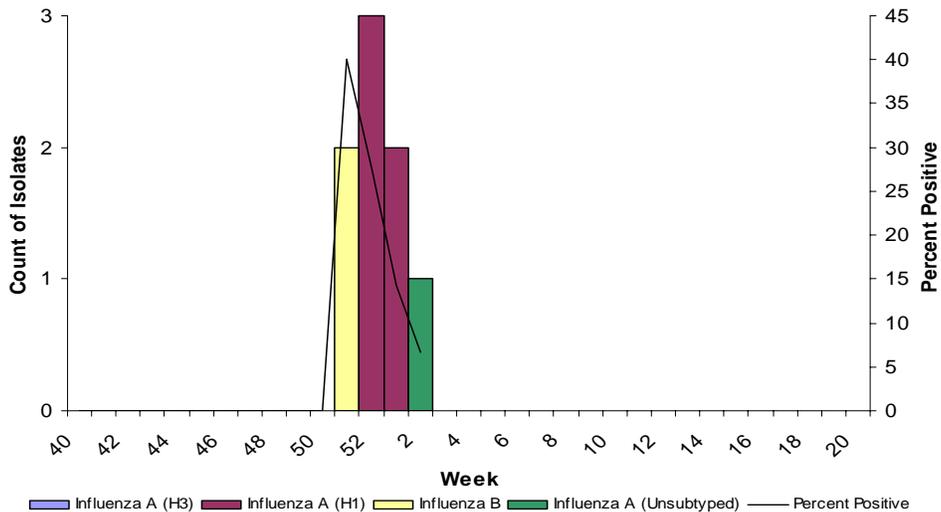
Hospital Admissions due to Respiratory Illness -- Maine, 2005-07



Laboratory Reporting

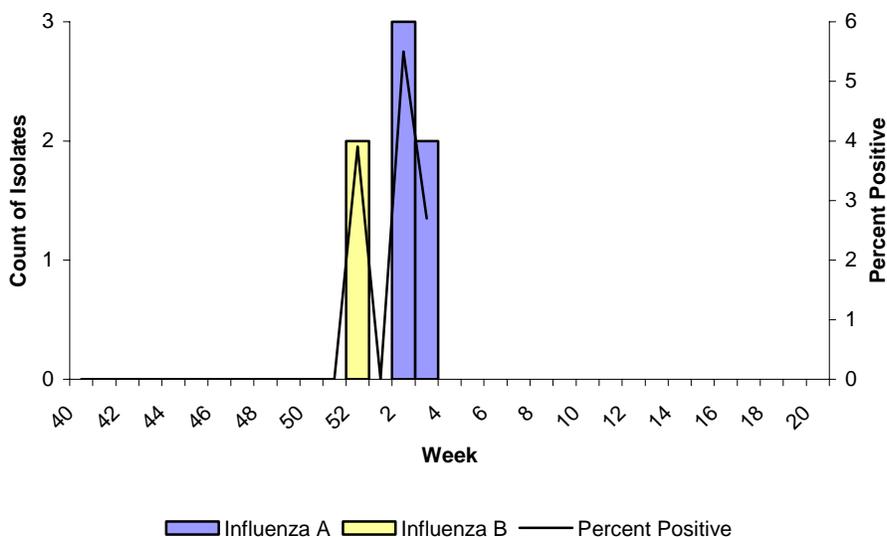
During the week ending January 20, 2007, seven respiratory specimens were submitted to the Maine Health and Environmental Testing Laboratory (HETL); results are pending on these specimens. As of January 20, 2007, a total of 97 respiratory specimens have been submitted for viral testing to HETL since October when the influenza surveillance season began. Of these, eight specimens (8.2%) were culture or PCR-positive for influenza (five for influenza A [H1], one for influenza A [unsubtyped] and two for influenza B/Malaysia/2506/2004-like), three specimens were presumptive positive for enterovirus, results are pending for 22 specimens, and the remaining specimens were negative.

Respiratory Specimens Positive for Influenza – Maine Health and Environmental Testing Laboratory, 2006-07



During the week ending January 20, 2007, a total of 73 respiratory specimens were submitted to two private reference laboratories in Maine. Of these, two specimens (2.7%) were positive for influenza, 14 specimens were positive for respiratory syncytial virus (RSV), and the remaining specimens were negative. As of January 20, 2007, a total of 460 respiratory specimens have been submitted for viral testing to two reference laboratories in Maine since October when the influenza surveillance season began. Seven specimens (1.5%) were positive for influenza (5 for influenza A and 2 for influenza B), 45 (9.8%) specimens were positive for RSV, 1 (0.2%) specimen was positive for parainfluenza-3, 8 (1.7%) specimens were positive for adenovirus, 9 (2.0%) specimens were positive for enterovirus, and the remaining specimens were negative.

Respiratory Specimens Positive for Influenza – Two



Fatalities Surveillance

Death Certificates

During the week ending January 20, 2007, 14.5% of deaths reported by three city vital records offices were attributable to pneumonia and influenza (range 11.8% - 16.1%).

