

Disease Surveillance & Risk Report

No Report

No Activity

Sporadic

Local

Regional

Widespread

Severe

DEFINITION of Influenza-like or Flu-Like Illness (ILI):

1) Fever > 100°F measured with a thermometer AND (2) Cough AND/OR sore throat in the absence of a known cause other than influenza

Madison County Flu Activity (Week 12)

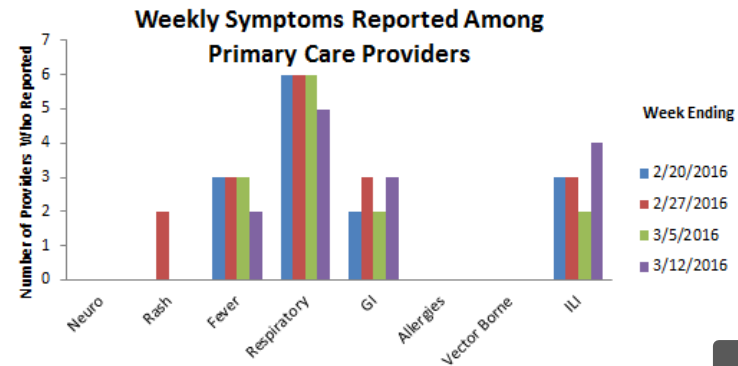
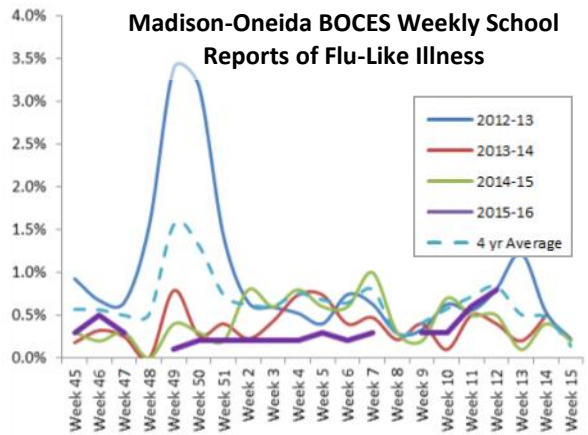
Flu Activity for the week ending 3/19/16: Widespread



- Lab-confirmed flu: 31 flu Type A and 2 flu Type B were reported in week 12. The season total to date is: 93 Flu (1 flu A/B, 2 flu B, and 90 flu A).
Weekly incidence: 45.6 flu cases per 100,000 population
- County workforce*: No influenza-like illness (ILI) were reported
- Madison-Oneida BOCES School District*: 0.8% of children seen by the school nurse appeared with symptoms of influenza-like illness
- College Health Centers*: Flu and ILI was reported
- Primary Care Providers*: Flu and ILI was reported
- New York State Hospital Report (HERDS): Four flu related hospitalizations were reported this season as of 3/19/16.
- Flu-Associated Pediatric Deaths: No reports this season

Madison County Disease Surveillance Updates, 3/13/16-3/19/16

- Communicable Diseases Reported to the Health Department: 8 Chlamydia, 1 Pertussis, 1 travel-associated Dengue, and 1 Syphilis
- Primary Care Providers Reported*: Respiratory illness, fever, gastrointestinal illness (GI), norovirus, and influenza-like illness (ILI) were reported, see chart below.
- Hospital Weekly Surveillance*: Respiratory illness, fever, gastrointestinal illness (GI), and influenza-like illness (ILI) were reported
- Syndromic Surveillance in Emergency Departments: *Oneida Healthcare* reported mild to moderate signals for asthma
- College Health Centers*: Respiratory illness, gastrointestinal illness (GI), flu and influenza-like illness (ILI) were reported
- Medicaid Over-the-Counter (OTC) & Script Medication Alerts—2/26/16 to 3/6/16: No alerts reported



*Information denoted with an asterisk is subjective and provided on a voluntary basis.

Disease Surveillance & Risk Report

This report does *not reflect* the severity of flu activity.

Week Ending: March 19, 2016

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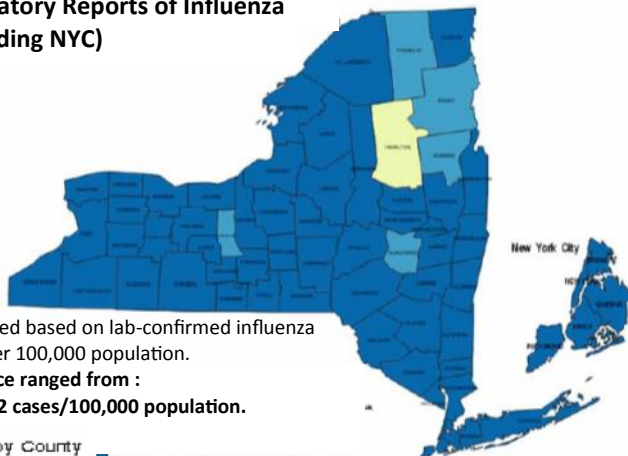
Severe

New York State Flu Activity

Flu Activity for the week ending 3/12/16: **Widespread**

- Lab-Confirmed Flu: 6,425 reports, a 26% increase over last week. Flu was reported in 61 counties.
- Flu-Related Hospitalizations: 1,067 reports, an 11% increase over last week.
- A select group of providers (“sentinel providers”) across the state (outside of NYC) reported the percentage of office visits due to complaints of flu-like illness (ILI) was 4.68%; this is an increase from last week and is above the regional baseline of 2.3%.
- Flu-Associated Pediatric Deaths: There were no reports this week. There has been one death reported this season.

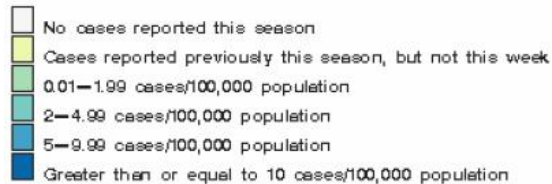
Laboratory Reports of Influenza (including NYC)



Calculated based on lab-confirmed influenza cases per 100,000 population.

Incidence ranged from :
0-131.52 cases/100,000 population.

Cases by County



Source: New York State Department of Health. *Influenza Surveillance, Activity and Reports, 2015-16.* <http://on.ny.gov/1GTxdpF>

United States Flu Activity

Flu Activity for the week ending 3/12/16 (week 10): **Widespread**

Geographic Flu Activity Summary:

- **Widespread** influenza activity was reported by Puerto Rico and 40 states
- **Regional** influenza activity was reported by Guam and 10 states
- **Local** influenza activity was reported by the District of Columbia.
- The U.S. Virgin Islands did not report.

Surveillance Summary:

Flu activity *increased* in the U.S.

- 6.9% of all deaths reported through the 122 Cities Mortality Reporting System were attributed to pneumonia and flu; this is *below* the epidemic threshold of 7.2% for week 10.
- Outpatient illness visits reported through the U.S. ILI Network was 3.7%, this percentage is *above* the national baseline of 2.1%. All 10 regions in the U.S. reported flu-like illness *at or above* their region-specific baselines.
- Eight flu-associated pediatric deaths were reported during week 10. A total of 28 flu-associated pediatric deaths have been reported this season to date.

Figure 1: Geographic Spread of Influenza as Assessed by State and Territorial Epidemiologists (This figure does not measure the severity of influenza activity.)

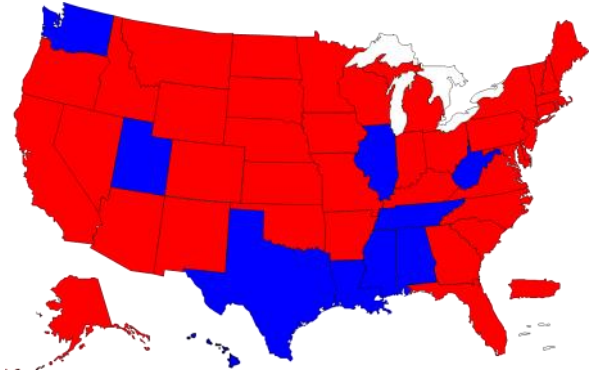
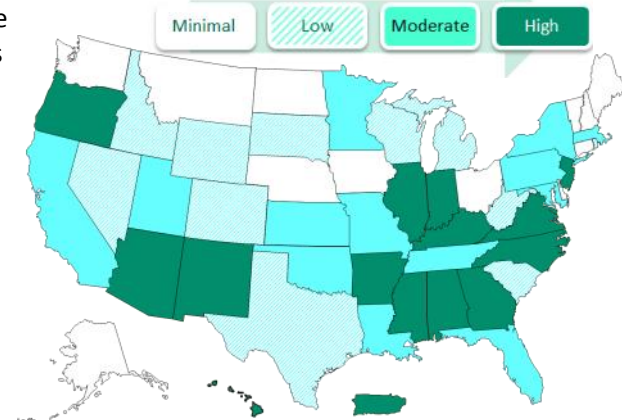


Figure 2: Influenza-Like Activity Level Determined by Data Reported to the ILINet



ILI Net Data is based on percent of outpatient visits in states due to ILI, more on Fig. 2 at: <http://1.usa.gov/1d3PGtv>

Sources: *FluView: Weekly U.S. Influenza and Surveillance Report.* Centers for Disease Control and Prevention. <http://1.usa.gov/1eDDFhh>