

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

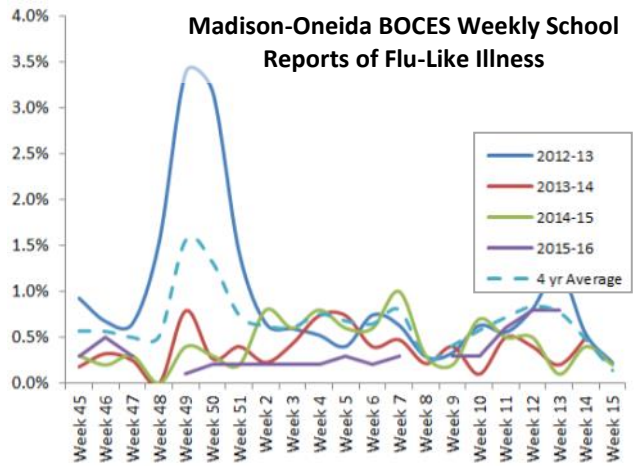
Madison County Flu Activity (Week 13)

Flu Activity for the week ending 3/26/16: Widespread



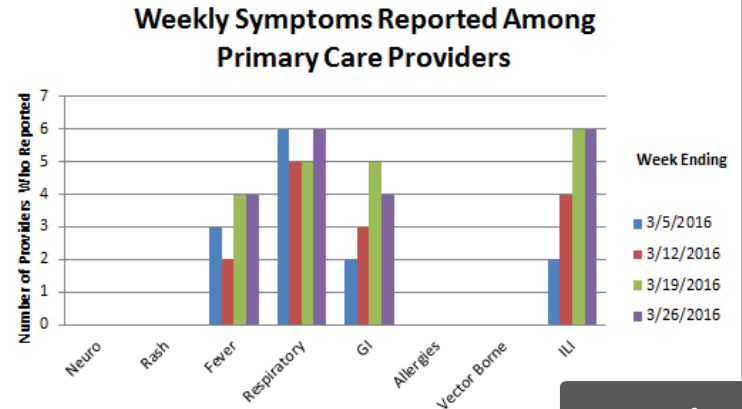
- Lab-confirmed flu: 32 flu Type A and 2 flu Type B were reported in week 13. The season total to date is: 127 Flu Type A and 5 Flu Type B. Weekly incidence: 47 flu cases per 100,000 population
- County workforce*: No influenza-like illness (ILI) were reported
- Madison-Oneida BOCES School District*: 0.8% of children seen by the school nurse appeared with symptoms of influenza-like illness
- College Health Centers*: ILI was reported
- Primary Care Providers*: Flu and ILI was reported
- New York State Hospital Report (HERDS): No reports for week 13. A total of four flu related hospitalizations have been reported this season.

- Flu-Associated Pediatric Deaths: No reports this season



Madison County Disease Surveillance Updates, 3/20/16-3/26/16

- Communicable Diseases Reported to the Health Department: 1 Chlamydia, 1 Cryptosporidiosis, 1 Legionella, and 1 Salmonella
- Primary Care Providers Reported*: Respiratory illness, fever, gastrointestinal illness (GI), sinus infections, pneumonia, bronchitis, flu, and influenza-like illness (ILI) were reported, see chart below.
- Hospital Weekly Surveillance*: Respiratory illness, fever, gastrointestinal illness (GI), and influenza-like illness (ILI) was reported
- Syndromic Surveillance in Emergency Departments: No reports
- College Health Centers*: Respiratory illness, fever, gastrointestinal illness (GI), and influenza-like illness (ILI) was reported
- Medicaid Over-the-Counter (OTC) & Script Medication Alerts—3/2/16 to 3/11/16: Mild to moderate signals were reported for analgesic (non narcotic pain killers), fluoroquinolones (antibiotics), influenza agents; moderate signals were also reported for Influenza Agents (antivirals) during this period.



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

Week Ending: March 26, 2016

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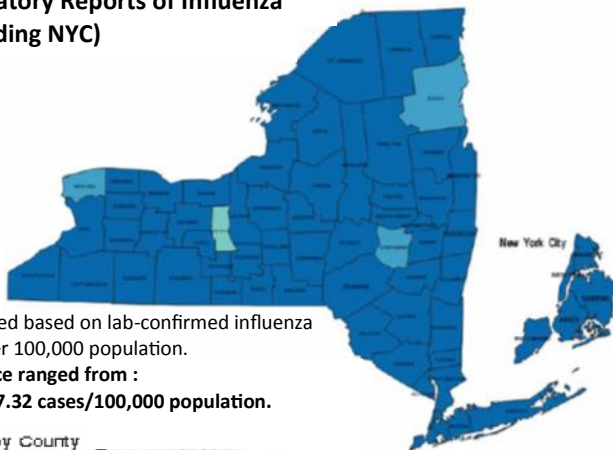
Severe

New York State Flu Activity

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

- Lab-Confirmed Flu: 6,117 reports, a 5% decrease over last week. Flu was reported in all 62 counties.
- Flu-Related Hospitalizations: 893 reports, an 22% decrease 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 4.86%; 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 : 2.83-117.32 cases/100,000 population.

Cases by County

- No cases reported this season
- Cases reported previously this season, but not this week
- 0.01–1.99 cases/100,000 population
- 2–4.99 cases/100,000 population
- 5–9.99 cases/100,000 population
- Greater than or equal to 10 cases/100,000 population

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

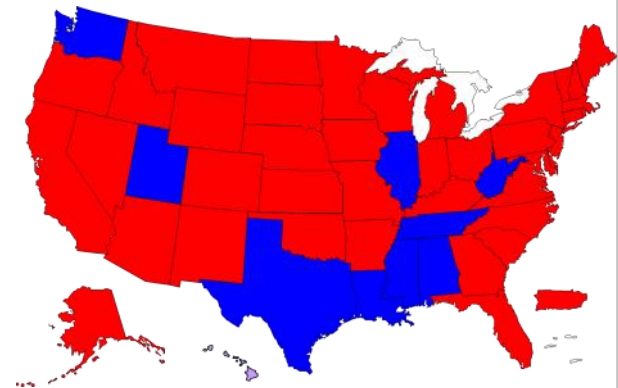
United States Flu Activity

Flu Activity for the week ending 3/19/16 (week 11): **Widespread**

Geographic Flu Activity Summary:

- **Widespread** influenza activity was reported by Puerto Rico and 39 states
- **Regional** influenza activity was reported by Guam and 10 states
- **Local** influenza activity was reported by the District of Columbia and one state (Hawaii).
- The U.S. Virgin Islands did not report.

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

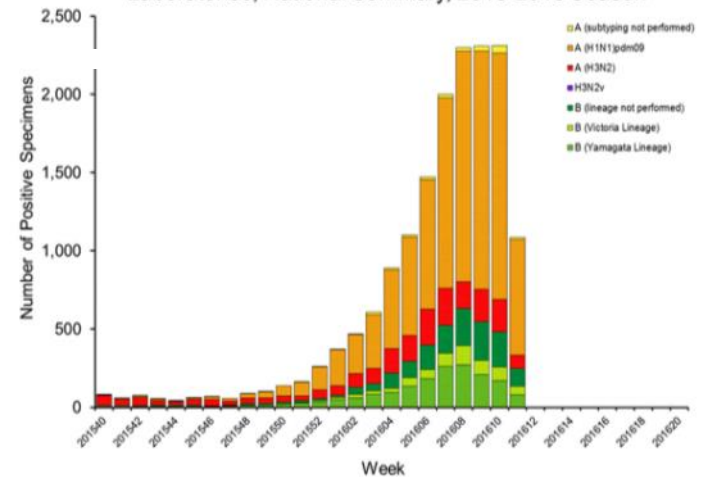


Surveillance Summary:

Flu activity *decreased slightly but remained elevated* in the U.S.

- 7.3% 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 11.
- Outpatient illness visits reported through the U.S. ILI Network was 3.2%, 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.
- Two flu-associated pediatric deaths were reported during week 11. A total of 30 flu-associated pediatric deaths have been reported this season to date.

Influenza Positive Tests Reported to CDC by U.S. Public Health Laboratories, National Summary, 2015-2016 Season



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