

Disease Surveillance & Risk Report

No Report

No Activity

Sporadic

Local

Regional

Widespread

Severe

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

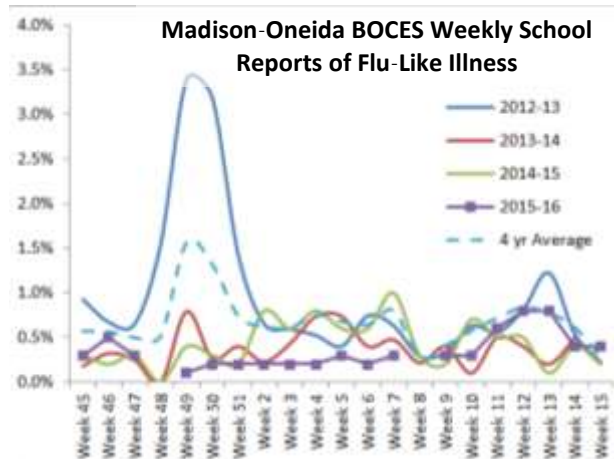
1) Fever > 100°F measured with a thermometer AND (2) Cough AND/OR sore throat in the absence of a known cause other than influenza

Madison County Flu Activity (Week 15)

Flu Activity for the week ending 4/9/16: Widespread



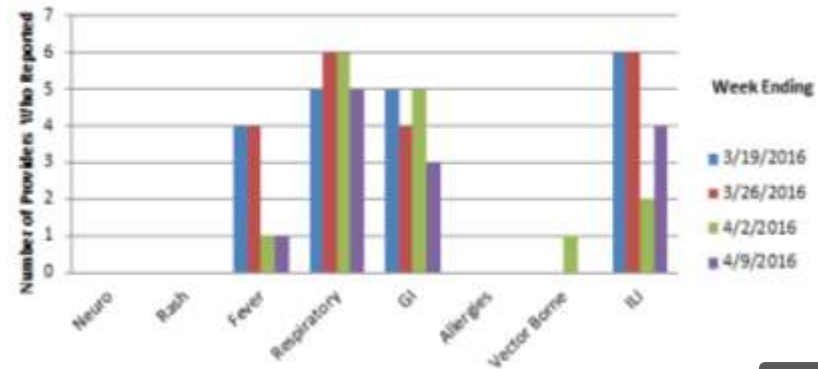
- Lab-confirmed flu: 11 flu (10 Type A and 1 flu Type B) were reported in week 15. The season total to date is: 167 Flu. *Weekly incidence: 15.2 flu cases per 100,000 population*
- County workforce*: One influenza-like illness (ILI) was reported
- Madison-Oneida BOCES School District*: 0.4% of children 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): One report for week 15. A total of eight flu related hospitalizations have been reported this season.
- Flu-Associated Pediatric Deaths: One report this season. This is the total reported this season to date.



Madison County Disease Surveillance Updates, 4/3/16-4/9/16

- Communicable Diseases Reported to the Health Department: 5 Chlamydia
- Primary Care Providers Reported*: Respiratory illness, fever, gastrointestinal illness (GI), and influenza-like illness (ILI) were reported, see chart below.
- Hospital Weekly Surveillance*: Respiratory illness, fever, gastrointestinal illness (GI) 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—3/18/16 to 3/27/16: No alerts

Weekly Symptoms Reported Among Primary Care Providers



*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: April 9, 2016

No Report

No Activity

Sporadic

Local

Regional

Widespread

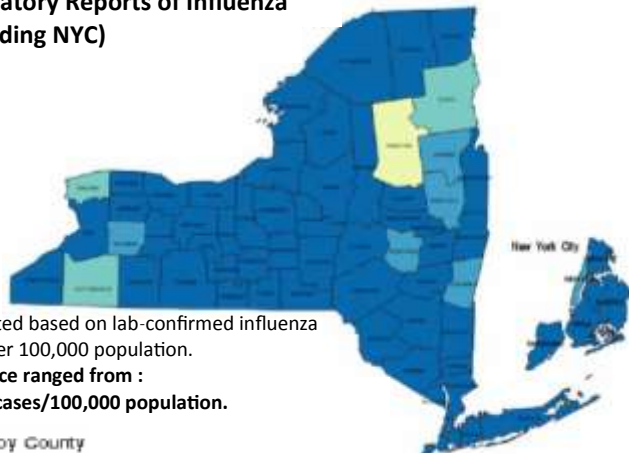
Severe

New York State Flu Activity

Flu Activity for the week ending 4/2/16: Widespread

- **Lab-Confirmed Flu:** 3,744 reports, a 17% decrease over last week. Flu was reported in 61 counties.
- **Flu-Related Hospitalizations:** 558 reports, a 26% 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 1.42%*; this is a decrease from last week, but is below the regional baseline of 2.3%. *Data for this reporting week is incomplete.
- **Flu-Associated Pediatric Deaths:** One report this week. A total of two death have been reported this season.

Laboratory Reports of Influenza (including NYC)



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

Incidence ranged from :
0-88.6 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>

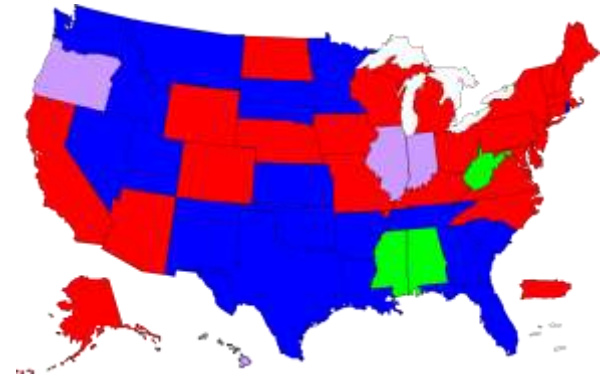
United States Flu Activity

Flu Activity for the week ending 4/2/16 (week 13): Widespread

Geographic Flu Activity Summary:

- **Widespread** influenza activity was reported by Puerto Rico and 25 states
- **Regional** influenza activity was reported by Guam and 18 states
- **Local** influenza activity was reported by the District of Columbia and four states
- **Sporadic** influenza activity was reported by three states
- The U.S. Virgin Islands did not report.

Figure 1: Geographic Spread of Influenza as Assessed by State and Territorial Epidemiologists



Surveillance Summary:

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

- 7.4% of all deaths reported through the 122 Cities Mortality Reporting System were attributed to pneumonia and flu; this is *below* the epidemic threshold of 7.1% for week 13.
- Outpatient illness visits reported through the U.S. ILI Network was 2.4%, this percentage is *above* the national baseline of 2.1%. Eight of 10 regions in the U.S. reported flu-like illness *at or above* their region-specific baselines.
- Seven flu-associated pediatric deaths were reported during week 13. A total of 40 flu-associated pediatric deaths have been reported this season to date.

Week 13 Rates of Laboratory-Confirmed Influenza Hospitalizations, preliminary data (Season 2015-16)	Cumulative Rate of Laboratory-Confirmed Influenza Hospitalizations, preliminary data (Season 2015-16)
Rates per 100,000 by Season	Rates per 100,000 by Season
0-4 yr: 2.4	0-4 yr: 33.7
5-17 yr: 0.6	5-17 yr: 8
18-49 yr: 0.8	18-49 yr: 13.5
50-64 yr: 2.4	50-64 yr: 35.6
65+ yr: 5.7	65+ yr: 62.9

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