

Disease Surveillance & Risk Report

No Report

No Activity

Sporadic

Local

Regional

Widespread

Severe

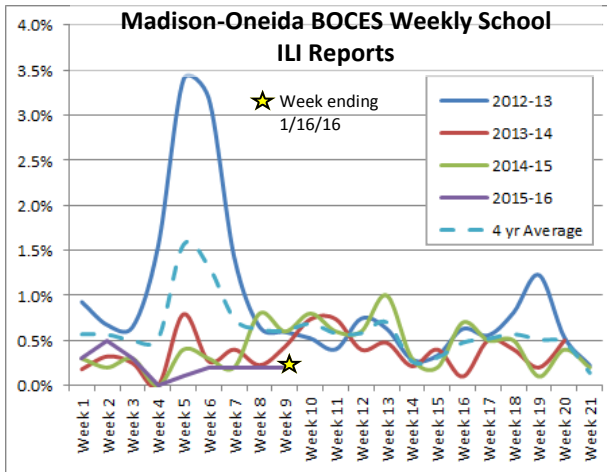
DEFINITION of Influenza-like or Flu-Like Illness (ILI):

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 3)

Flu Activity for the week ending 1/16/16: No Activity

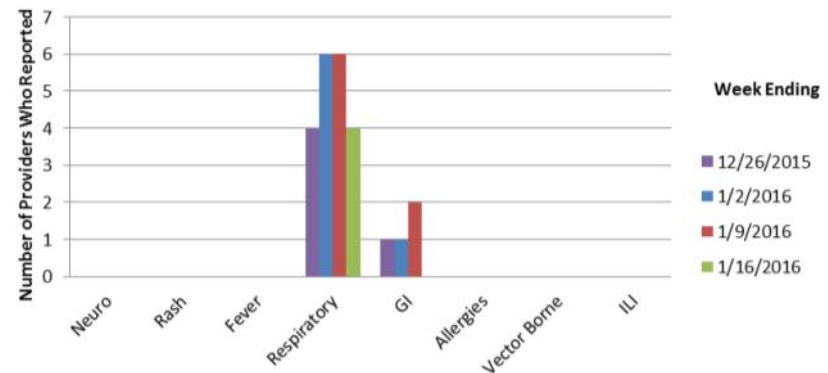
- Lab-confirmed flu:
No lab confirmed flu to date this season
- County workforce*:
No flu-like illness (ILI) was reported during week 3
- Madison-Oneida BOCES School District*:
0.2% of children seen by the school nurse appeared with symptoms of influenza-like illness (see chart below)
- College Health Centers*: No reports, not in session
- Primary Care Providers Reported*: No reports of influenza-like illness
- New York State Hospital Report (HERDS): No flu related hospitalized reported this season to date.
- Flu-Associated Pediatric Deaths:
No reports this season to date.



Madison County Disease Surveillance Updates, 1/10/15-1/16/16 (Week 3)

- Communicable Diseases Reported to the Health Department: 1 Chlamydia and 1 Campylobacter
- Primary Care Providers Reported*: Respiratory illness (see chart below)
- Hospital Weekly Surveillance*: *Oneida Healthcare* reported mild to moderate signals for fever and *Community Memorial Hospital* reported viral respiratory illnesses
- Syndromic Surveillance in Emergency Departments: No reports of increased illness
- College Health Centers*: No report due to winter break
- Medicaid Over-the-Counter (OTC) & Script Medication Alerts—12/26/15 to 1/4/16: Mild to moderate signals for analgesic-nonnarcotic and antihistamines

Weekly Symptoms Reported Among Primary Care Providers



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

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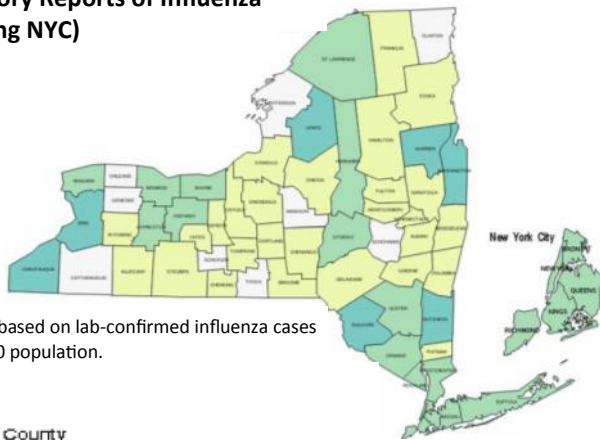
Severe

New York State Flu Activity

Flu Activity for the week ending 1/9/16: **Sporadic**

- Lab-Confirmed Flu: 174 reports, an 81% increase over last week. Flu was reported in 26 counties.
- Flu-Related Hospitalizations: 57 reports, a 78% 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 1.03%; this is a decrease from last week and is below the regional baseline of 2.3%.
- Flu-Associated Pediatric Deaths: None reported to date.

Laboratory Reports of Influenza (including NYC)



Calculated based on lab-confirmed influenza cases per 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 1/9/16 (week 1): **Sporadic**

Geographic Flu Activity Summary:

- **Regional** influenza activity was reported by Guam, Puerto Rico, and nine states
- **Local** influenza activity was reported by 11 states
- **Sporadic** influenza activity was reported by the U.S. Virgin Islands and 28 states
- The District of Columbia and two states (AL and TN) reported no influenza activity.

Surveillance Summary:

Flu activity *increased slightly* in the U.S.

- 6.4% of all deaths reported through the 122 Cities Mortality Reporting System were attributed to pneumonia and flu; this is *below* the epidemic threshold of 7.0% for week 1.
- Outpatient illness visits reported through the U.S. ILI Network was 2.0%, this percentage is *below* the national baseline of 2.1%. Four of 10 regions in the U.S. reported flu-like illness *at or above* their region-specific baselines.
- One flu-associated pediatric deaths were reported during week 1. Seven flu-associated pediatric deaths have been reported this season to date.

Health Advisory for Pregnant Women or Women Trying to Get Pregnant: Interim Travel guidance related to Zika virus for 14 Countries and Territories in Central and South America and the Caribbean <http://www.cdc.gov/media/releases/2016/s0315-zika-virus-travel.html>

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

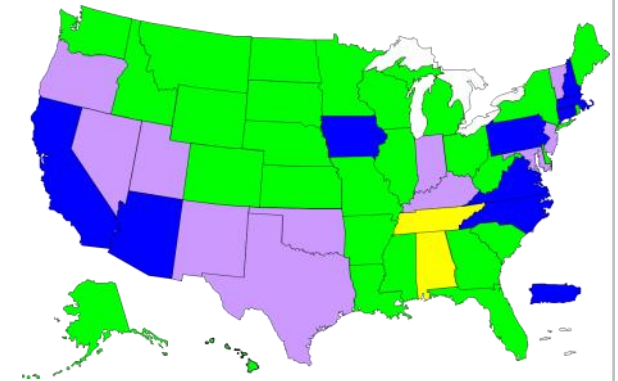
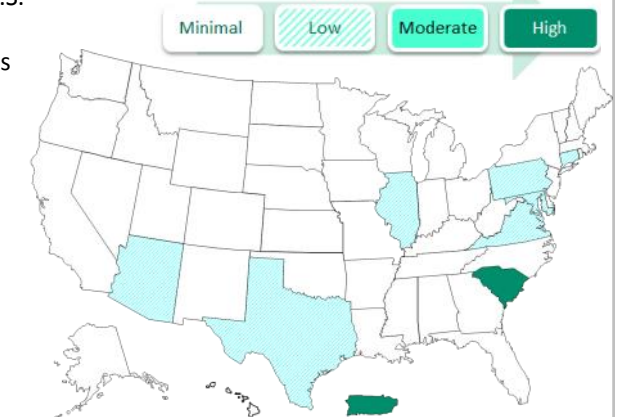


Figure 2: ILI Activity from ILINet Data



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