

Disease Surveillance & Risk Report

No Report No Activity Sporadic Local Regional Widespread Severe

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

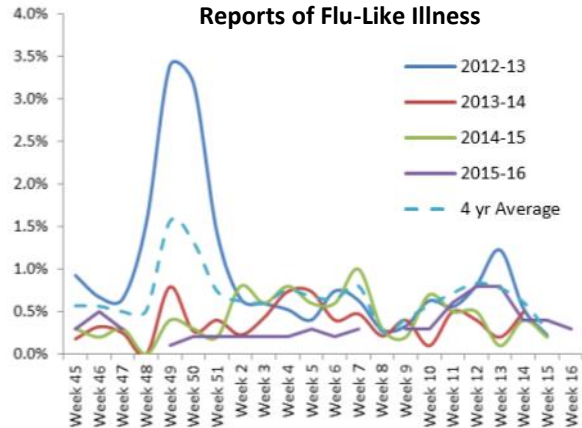
1) Fever > 100°F measured with a thermometer AND (2) Cough AND/OR sore throat in the absence of a known cause other than influenza

Madison County Flu Activity (Week 16)

- Flu Activity for the week ending 4/16/16: Widespread**
- Lab-confirmed flu: 12 flu (8 Type A and 4 flu Type B) were reported in week 15. The season total to date is: 179 flu 168 flu A and 15 flu B). *Weekly incidence: 16.6 flu cases per 100,000 population*
 - County workforce*: Three influenza-like illness (ILI) was reported
 - Madison-Oneida BOCES School District*: 0.3% of children seen by the school nurse appeared with symptoms of influenza-like illness, see graph below
 - College Health Centers*: ILI was reported
 - Primary Care Providers*: Flu and ILI was reported
 - New York State Hospital Report (HERDS): No reports for week 16. A total of eight flu related hospitalizations have been reported this season.
 - Flu-Associated Pediatric Deaths: No reports for week 16. A total of one reported this season to date.



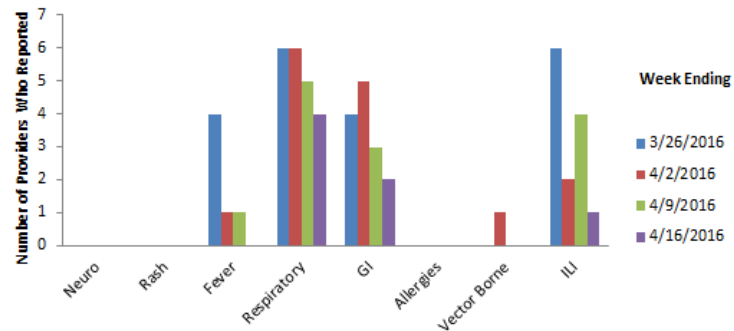
Madison-Oneida BOCES Weekly School Reports of Flu-Like Illness



Madison County Disease Surveillance Updates, 4/10/16-4/16/16

- Communicable Diseases Reported to the Health Department: 5 Chlamydia and 1 Group B Strep
- Primary Care Providers Reported*: Respiratory illness, gastrointestinal illness (GI), and influenza-like illness (ILI), flu, strep through and bronchitis were reported, see graph below.
- Hospital Weekly Surveillance*: Respiratory illness, gastrointestinal illness (GI), flu, and chronic obstructive pulmonary disease (COPD) was reported
- Syndromic Surveillance in Emergency Departments: No reports
- College Health Centers*: Respiratory illness, gastrointestinal illness (GI), and influenza-like illness (ILI), flu, strep throat, and pink eye was reported
- Medicaid Over-the-Counter (OTC) & Script Medication Alerts—3/26/16 to 4/4/16: 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 16, 2016

No Report

No Activity

Sporadic

Local

Regional

Widespread

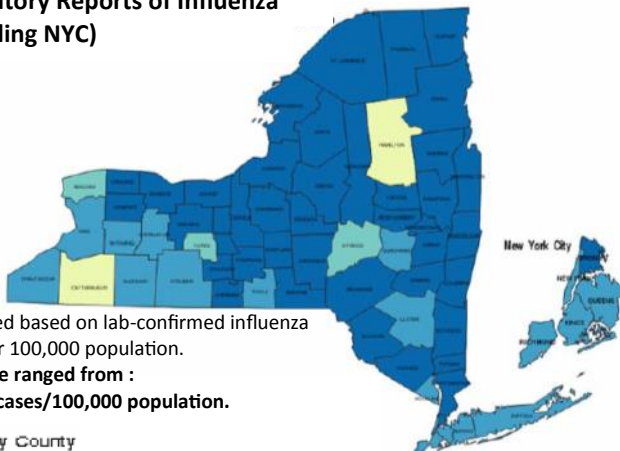
Severe

New York State Flu Activity

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

- Lab-Confirmed Flu: 2,603 reports, a 30% decrease over last week. Flu was reported in 60 counties.
- Flu-Related Hospitalizations: 429 reports, a 27% 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 1.28%; this is a decrease from last week, and is below the regional baseline of 2.3%.
- 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 :
0-80.07 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>

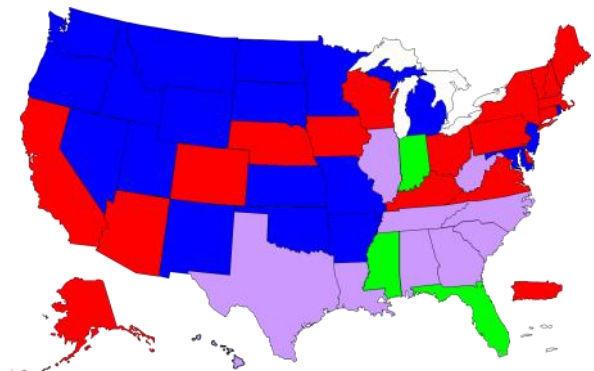
United States Flu Activity

Flu Activity for the week ending 4/9/16 (week 14): **Widespread**

Geographic Flu Activity Summary:

- Widespread influenza activity was reported by Puerto Rico and 18 states
- Regional influenza activity was reported by Guam and 19 states
- Local influenza activity was reported by the District of Columbia and ten states
- Sporadic influenza activity was reported by the U.S. Virgin Islands and three states

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

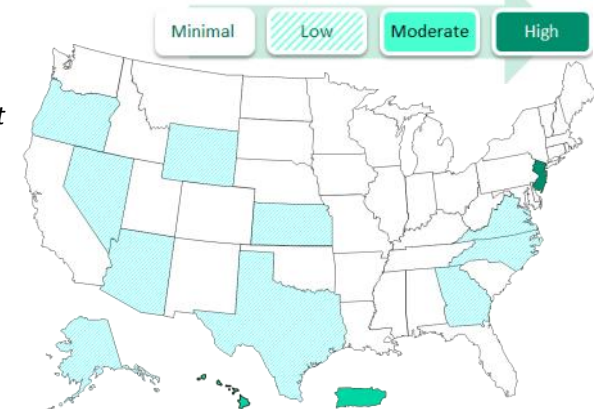


Surveillance Summary:

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

- 7.5% 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 14.
- Outpatient illness visits reported through the U.S. ILI Network was 2.1%, this percentage is *at* the national baseline of 2.1%. Six of 10 regions in the U.S. reported flu-like illness *at or above* their region-specific baselines.
- Ten flu-associated pediatric deaths were reported during week 14. A total of 50 flu-associated pediatric deaths have been reported this season to date.

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>