

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 11)

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

- Lab-confirmed flu: 29 lab confirmed Flu Type A reported during week 11. The season total to date is: 60 Flu (1 Flu Type A/B, and 59 Flu Type A).
- County workforce*: Two influenza-like illness (ILI) were reported
- Madison-Oneida BOCES School District*: 0.6% of children seen by the school nurse appeared with symptoms of influenza-like illness; *this is a 100% increase from last week*
- College Health Centers*: Flu and ILI was reported
- Primary Care Providers*: Flu and ILI was reported
- 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.

Week 11
Incidence:
40.1 flu cases per
100,000 population

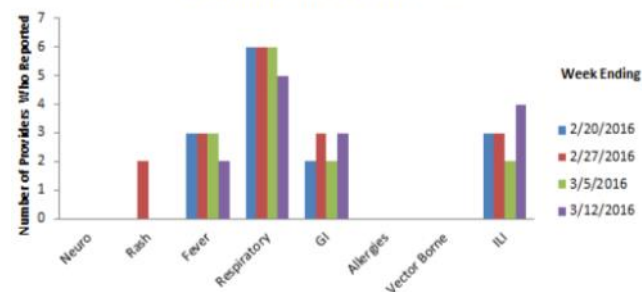
FAST FLU FACTS

- Approximately 83% of Madison County residents with lab confirmed flu had no record of getting the flu vaccination this season.
- Children ages 0 to 4 have the highest number of new lab confirmed flu cases (rate) per population in Madison County for flu infections this season date.

Madison County Disease Surveillance Updates, 3/6/16-3/12/16

- Communicable Diseases Reported to the Health Department: 8 Chlamydia
- Primary Care Providers Reported*: Respiratory illness, fever, several gastrointestinal illness (GI), influenza-like illness (ILI), and several flu cases, see chart below.
- Hospital Weekly Surveillance*: Respiratory and gastrointestinal illnesses were reported
- Syndromic Surveillance in Emergency Departments: *Community Memorial Hospital* reported mild signals for fever; and *Oneida Healthcare* reported mild to moderate signals for GI, asthma and neurologic illness**
- College Health Centers*: Fever, respiratory illness, gastrointestinal illness (GI), flu and influenza-like illness (ILI) were reported
- Medicaid Over-the-Counter (OTC) & Script Medication Alerts—2/17/16 to 2/26/16: Mild to moderate signals for antidiarrheals, influenza antivirals, and Tetracyclines (antibiotics)

Weekly Symptoms Reported Among Primary Care Providers



**Neurologic can include non-specific diagnosis of neurological infection (e.g. Meningitis, Encephalitis, etc.) or non-specific conditions (e.g. headache, numbness, dizziness, blurry/double vision, speech difficulty, confusion, disorientation, or anxiety)

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

View all past surveillance reports online at www.healthymadisoncounty.org

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

Week Ending: March 12, 2016

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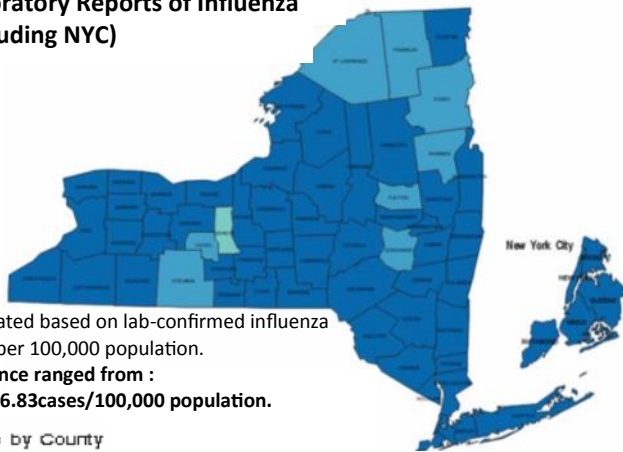
Severe

New York State Flu Activity

Flu Activity for the week ending 3/5/16: **Widespread**

- Lab-Confirmed Flu: 5,122 reports, a 52% increase over last week. Flu was reported in all 62 counties.
- Flu-Related Hospitalizations: 914 reports, a 16% 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 4.29%; this is an increase from last week and is above the regional baseline of 2.3%.
- Flu-Associated Pediatric Deaths: One death reported this week.

Laboratory Reports of Influenza (including NYC)



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

Incidence ranged from : 2.83-76.83cases/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>

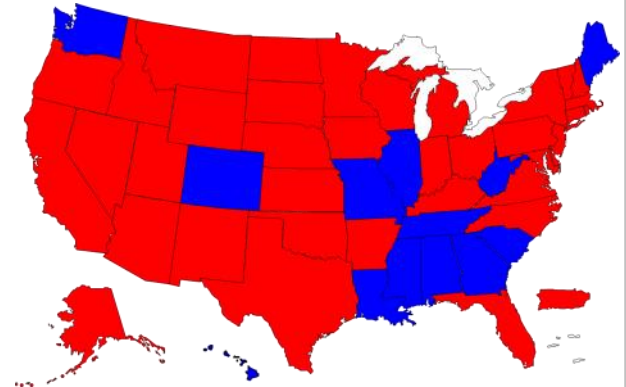
United States Flu Activity

Flu Activity for the week ending 3/5/16 (week 9): **Widespread**

Geographic Flu Activity Summary:

- **Widespread** influenza activity was reported by Puerto Rico and 37 states
- **Regional** influenza activity was reported by Guam and 13 states
- **Local** influenza activity was reported by the District of Columbia.
- **Sporadic** influenza activity was reported by the U.S. Virgin Islands.

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 *remained elevated* in the U.S.

- 7.0% 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 9.
- Outpatient illness visits reported through the U.S. ILI Network was 3.5%, 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 9. A total of 20 flu-associated pediatric deaths have been reported this season to date.

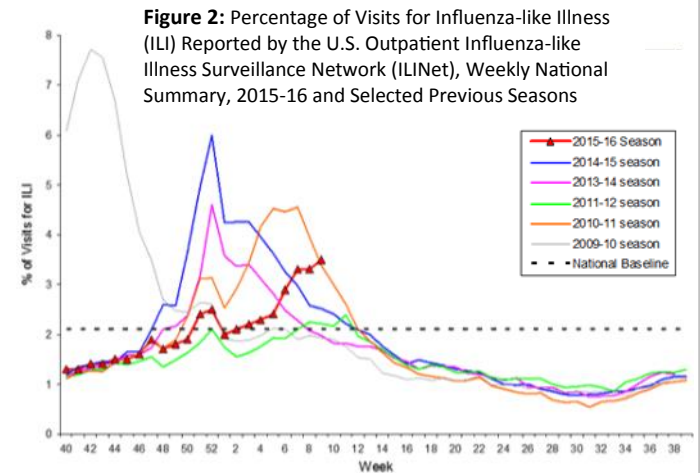


Figure 2: Percentage of Visits for Influenza-like Illness (ILI) Reported by the U.S. Outpatient Influenza-like Illness Surveillance Network (ILINet), Weekly National Summary, 2015-16 and Selected Previous Seasons

ILI Net Data 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