

# 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

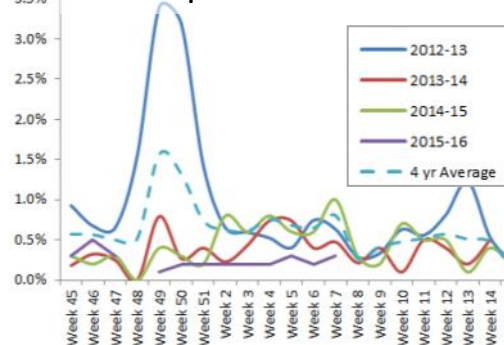
## Madison County Flu Activity (Week 9)

**Flu Activity for the week ending 2/27/16: Widespread**

- Lab-confirmed flu: Six lab confirmed Flu Type A reported during week 9. The season total to date is: 15 Flu (1 Flu Type A/B, and 14 Flu Type A).
- County workforce\*: No 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 chart below)
- College Health Centers\*: Flu and ILI was reported
- Primary Care Providers\*: ILI was reported
- New York State Hospital Report (HERDS): No flu related hospitalized reported this season to date.

**Incidence:**  
**24.9 flu cases per**  
**100,000 population**

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

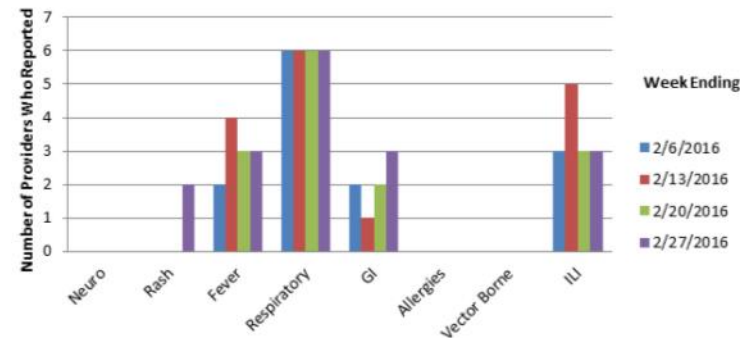


- Flu-Associated Pediatric Deaths: No reports this season to date.

## Madison County Disease Surveillance Updates, 2/21/15-2/27/16 (Week 9)

- Communicable Diseases Reported to the Health Department: 2 Chlamydia
- Primary Care Providers Reported\*: Rash, respiratory illness, fever, gastrointestinal illness (GI), influenza-like illness (ILI), and pink eye was reported, see chart below.
- Hospital Weekly Surveillance\*: Fever, respiratory illness, influenza-like illness, flu and respiratory syncytial virus (RSV) was reported
- Syndromic Surveillance in Emergency Departments: *Community Memorial Hospital* reported mild-moderate signals for respiratory illness
- College Health Centers\*: Respiratory illness, fever, gastrointestinal illness (GI), pneumonia, flu and influenza-like illness (ILI) was reported
- Medicaid Over-the-Counter (OTC) & Script Medication Alerts—2/6/16 to 2/15/16: Mild to moderate signals for 1st & 2nd Generation Cephalosporins (antibiotics)

**Weekly Symptoms Reported Among Primary Care Providers**



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

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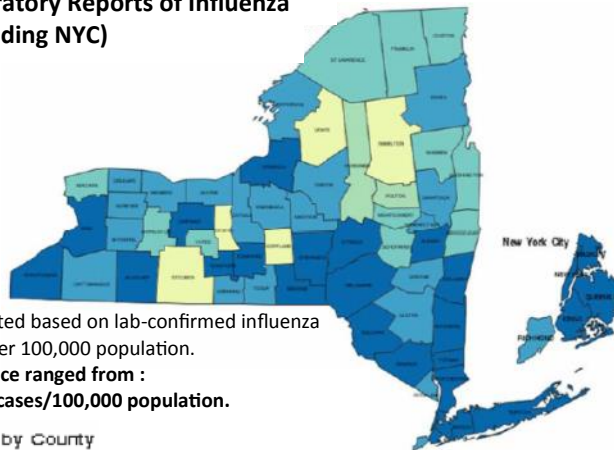
Severe

## New York State Flu Activity

### Flu Activity for the week ending 2/20/16: **Widespread**

- Lab-Confirmed Flu: 2,515 reports, a 45% increase over last week. Flu was reported in 57 counties.
- Flu-Related Hospitalizations: 555 reports, a 70% 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 1.93%; 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.

**Incidence ranged from : 0-29.5 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 2/20/16 (week 7): **Widespread**

#### Geographic Flu Activity Summary:

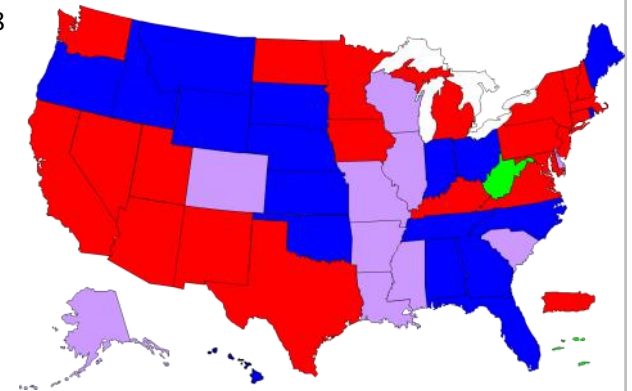
- **Widespread** influenza activity was reported by Guam, Puerto Rico, and 21 states
- **Regional** influenza activity was reported by 18 states
- **Local** influenza activity was reported by the District of Columbia and 10 states
- **Sporadic** influenza activity was reported by the U.S. Virgin Islands and one state

#### Surveillance Summary:

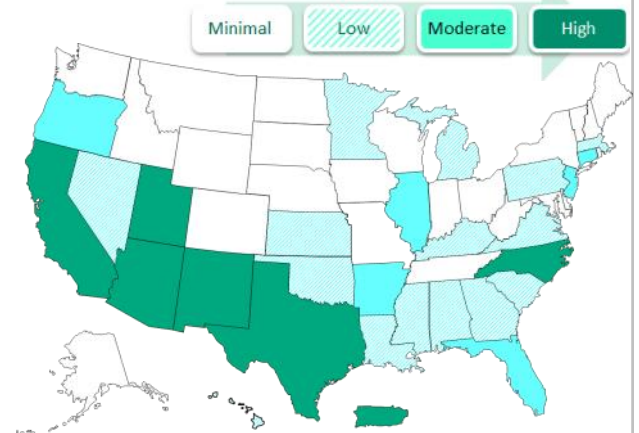
Flu activity *increased* in the U.S.

- 7.1% 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 7.
- Outpatient illness visits reported through the U.S. ILI Network was 3.3%, 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.
- One flu-associated pediatric deaths were reported during week 7. A total of 14 flu-associated pediatric deaths have been reported this season to date.

**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>

Sources: FluView: Weekly U.S. Influenza and Surveillance Report. Centers