

# Disease Surveillance & Risk Report

No Report

No Activity

Sporadic

Local

Regional

Widespread

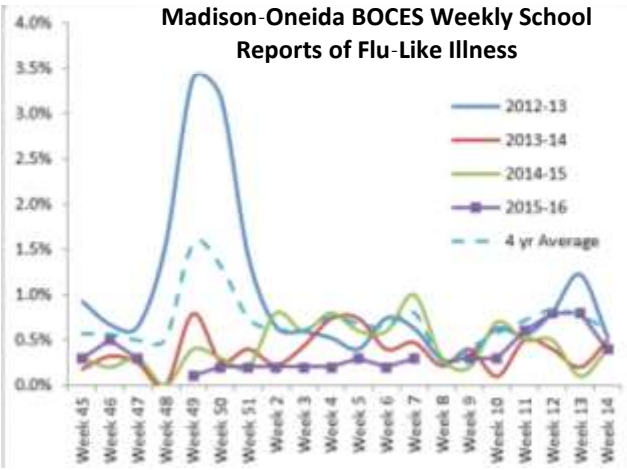
Severe

**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

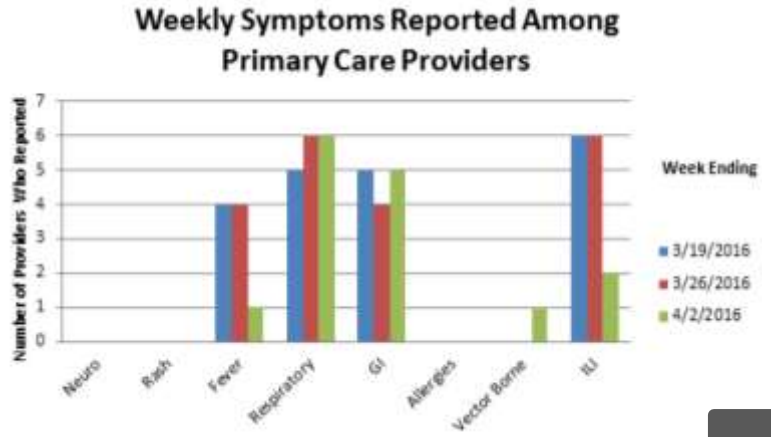
**Madison County Flu Activity (Week 14)**

- Flu Activity for the week ending 4/2/16: **Widespread****
- Lab-confirmed flu: 21 flu (17 flu Type A and 4 flu Type B) were reported in week 14. The season total to date is: 156 Flu. *Weekly incidence: 30.4 flu cases per 100,000 population*
  - County workforce\*: No influenza-like illness (ILI) were 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 14. A total of five flu related hospitalizations have been reported this season.
  - Flu-Associated Pediatric Deaths: No reports this season



**Madison County Disease Surveillance Updates, 3/27/16-4/2/16**

- Communicable Diseases Reported to the Health Department: 4 Chlamydia
- Primary Care Providers Reported\*: Respiratory illness, fever, gastrointestinal illness (GI), vector-borne illness, and influenza-like illness (ILI) were reported, see chart below.
- Hospital Weekly Surveillance\*: Respiratory illness, gastrointestinal illness (GI), and influenza-like illness (ILI) was reported
- Syndromic Surveillance in Emergency Departments: No reports
- College Health Centers\*: Respiratory illness, gastrointestinal illness (GI), and influenza-like illness (ILI) was reported
- Medicaid Over-the-Counter (OTC) & Script Medication Alerts—3/12/16 to 3/21/16: Mild to moderate signals were reported for analgesics (non-narcotic painkillers)



**Week Ending: April 2, 2016**

**Disease Surveillance & Risk Report**

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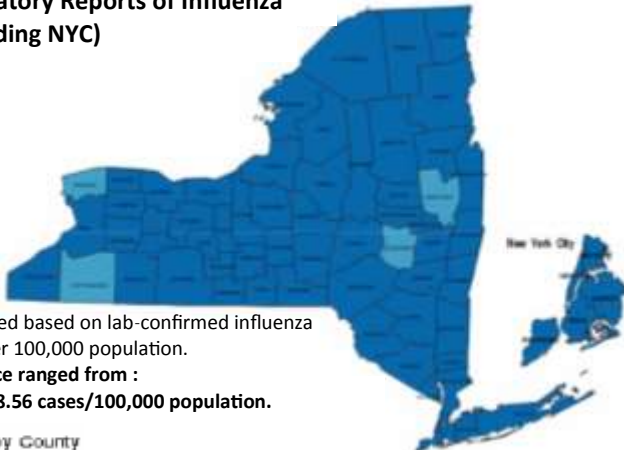
Severe

**New York State Flu Activity**

**Flu Activity for the week ending 3/26/16: Widespread**

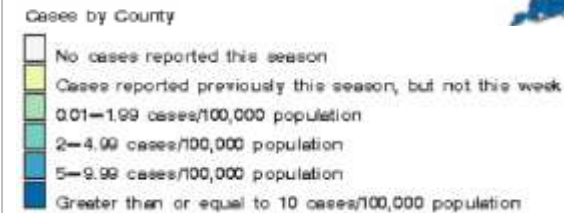
- Lab-Confirmed Flu: 4,517 reports, a 26% decrease over last week. Flu was reported in all 62 counties.
- Flu-Related Hospitalizations: 727 reports, a 24% decrease over last week.
- A select group of providers (“sentinel providers”) across the state (outside of NYC) reported the percentage of office visits due to complaints of flu-like illness (ILI) was 3.66%; this is a decrease from last week, but is above the regional baseline of 2.3%.
- Flu-Associated Pediatric Deaths: There were no reports this week. There has been one death reported this season.

**Laboratory Reports of Influenza (including NYC)**



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

**Incidence ranged from : 6.29-128.56 cases/100,000 population.**



Source: New York State Department of Health. *Influenza Surveillance, Activity and Reports, 2015-16*. <http://on.ny.gov/1GTxdpF>

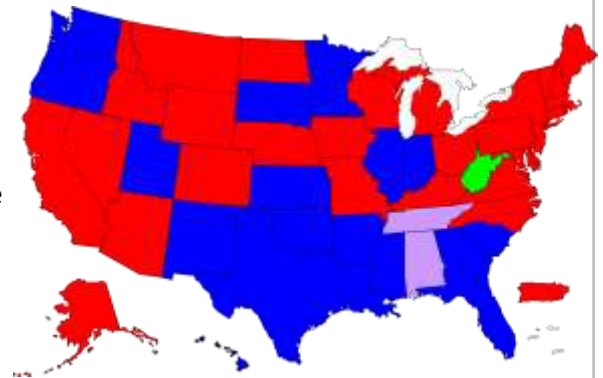
**United States Flu Activity**

**Flu Activity for the week ending 3/26/16 (week 12): Widespread**

Geographic Flu Activity Summary:

- **Widespread** influenza activity was reported by Guam, Puerto Rico and 29 states
- **Regional** influenza activity was reported by 18 states
- **Local** influenza activity was reported by the District of Columbia and two states
- **Sporadic** influenza activity was reported by one state (West Virginia).
- 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.

- 7.7% 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 12.
- Outpatient illness visits reported through the U.S. ILI Network was 2.9%, this percentage is *above* the national baseline of 2.1%. Nine of 10 regions in the U.S. reported flu-like illness *at or above* their region-specific baselines.
- Three flu-associated pediatric deaths were reported during week 12. A total of 33 flu-associated pediatric deaths have been reported this season to date.

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