

Disease Surveillance & Risk Report

No Report

No Activity

Sporadic

Local

Regional

Widespread

Severe

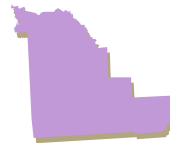
DEFINITION of Influenza-like or Flu-Like Illness (ILI):

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 8)

Flu Activity for the week ending 2/13/16: Local

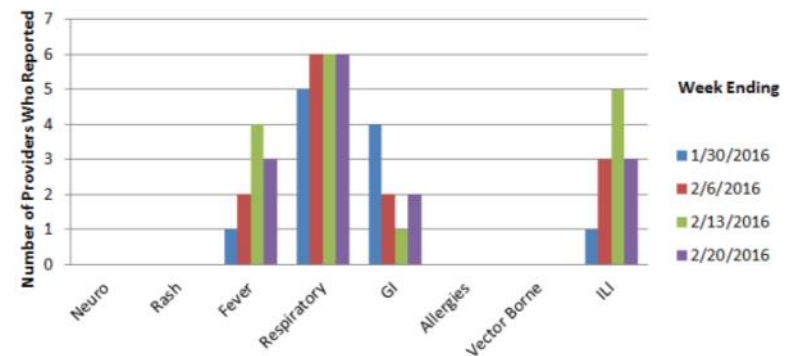
- Lab-confirmed flu:
One lab confirmed Flu Type A reported during week 8. The season total to date is: 9 Flu (1 Flu Type A/B, and 8 Flu Type A).
- County workforce*:
No flu-like illness (ILI) was reported
- Madison-Oneida BOCES School District*:
No report this week due to holiday break
- College Health Centers*: ILI was reported
- Primary Care Providers*: 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.



Madison County Disease Surveillance Updates, 2/14/15-2/20/16 (Week 8)

- Communicable Diseases Reported to the Health Department: 5 Chlamydia, 2 new chronic Hepatitis C, and 1 suspected Pertussis
- Primary Care Providers Reported*: Respiratory illness, fever, gastrointestinal illness (GI), influenza-like illness (ILI), ear infections, and respiratory syncytial virus (RSV), 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: *Oneida Healthcare* reported mild-moderate signals for rash
- College Health Centers*: Respiratory illness, fever, gastrointestinal illness (GI), and influenza-like illness (ILI) was reported
- Medicaid Over-the-Counter (OTC) & Script Medication Alerts—1/27/16 to 2/5/16: Mild to moderate signals for influenza (antiviral) agents

Weekly Symptoms Reported Among Primary Care Providers



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

As of February 11, 2016, the NYS Dept. of Health Commissioner has declared influenza as prevalent in NYS, putting into effect Section 2.59 of the New York State Sanitary Code (10 NYCRR § 2.59) requiring all health care and residential facilities and agencies regulated pursuant to Article 28, 36, or 40 of the Public Health Law to ensure that all personnel, as defined in the regulation, not vaccinated against influenza for the current influenza season wear a surgical or procedure mask while in areas where patients or residents are typically present.

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

Week Ending: February 20, 2016

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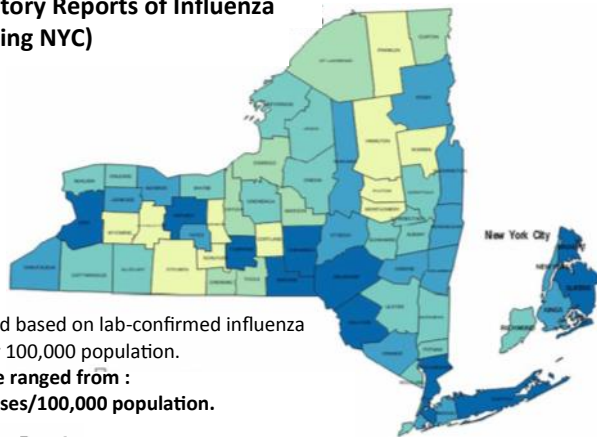
Severe

New York State Flu Activity

Flu Activity for the week ending 2/13/16: **Widespread**

- Lab-Confirmed Flu: 1,734 reports, a 66% increase over last week. Flu was reported in 51 counties.
- Flu-Related Hospitalizations: 305 reports, a 29% 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 3.88%; this is an increase from last week and is above 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 : 0-30.8 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>

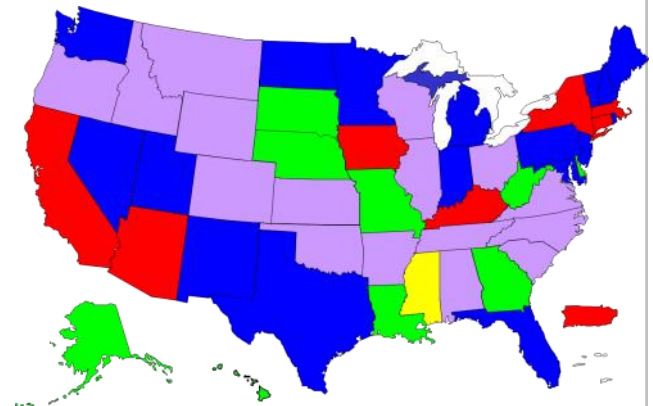
United States Flu Activity

Flu Activity for the week ending 2/13/16 (week 6): **Regional**

Geographic Flu Activity Summary:

- Widespread influenza activity was reported by Puerto Rico and 12 states
- Regional influenza activity was reported by 20 states
- Local influenza activity was reported by the District of Columbia, Guam and 15 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



Surveillance Summary:

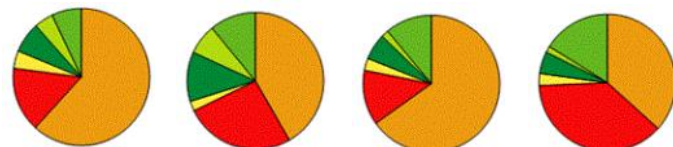
Flu activity increased in the U.S.

- 6.9% of all deaths reported through the 122 Cities Mortality Reporting System were attributed to pneumonia and flu; this is below the epidemic threshold of 7.3% for week 6.
- Outpatient illness visits reported through the U.S. ILI Network was 3.1%, 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.
- Two flu-associated pediatric deaths were reported during week 6. A total of 13 flu-associated pediatric deaths have been reported this season to date.

Figure 2: Confirmed Flu by Flu Type

Age Group Distribution of Influenza Positive Specimens Reported by Public Health Laboratories, National Summary, 2015-16 Season

Age 0-4 yr Age 5-24 yr Age 25-64 yr Age >64 yr



- B (lineage not performed)
- B (Victoria Lineage)
- A (H1N1)pdm09
- B (Yamagata Lineage)
- A (H3N2)
- A-Unk

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