

Disease Surveillance & Risk Report

No Report

No Activity

Sporadic

Local

Regional

Widespread

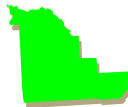
Severe

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 18)

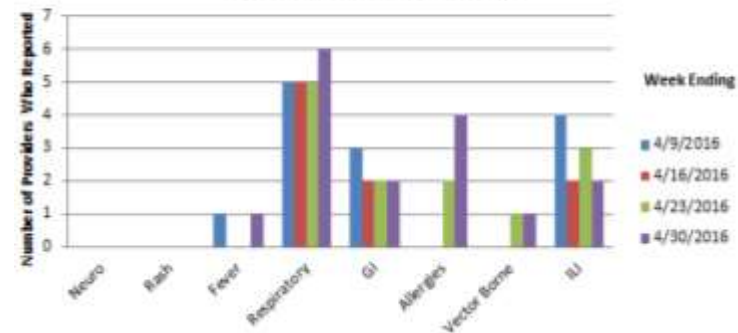
Flu Activity for the week ending 4/30/16: **Sporadic**

- Lab-confirmed flu: No laboratory confirmed flu cases were reported in week 18. The season total to date is: 201 flu (179 flu A and 22 flu B). *Weekly incidence: 0 flu cases per 100,000 population*
- County workforce*: No influenza-like illness (ILI) was reported 
- College Health Centers*: ILI and flu was reported
- Primary Care Providers*: Flu and ILI was reported
- New York State Hospital Report (HERDS): No reports for week 17. A total of eight flu related hospitalizations have been reported this season.
- Flu-Associated Pediatric Deaths: No reports for week 18. A total of one reported this season to date.

Madison County Disease Surveillance Updates, 4/24/16-4/30/16

- Communicable Diseases Reported to the Health Department: 6 Chlamydia and 1 Rocky Mountain Spotted Fever (tick-borne disease) were reported
- Primary Care Providers Reported*: Respiratory illness, fever, gastrointestinal illness (GI), influenza-like illness (ILI), flu, tick-bites, allergies, strep throat, sinus infections, ear infections, pneumonia, and exacerbations of chronic obstructive pulmonary disease (COPD) were reported ; also refer to graph below.
- Hospital Weekly Surveillance*: Allergies and respiratory illness were reported
- Syndromic Surveillance in Emergency Departments: No reported clusters of illness
- College Health Centers*: Respiratory illness, gastrointestinal illness (GI), ILI, flu, tonsillitis, and strep throat were reported
- Medicaid Over-the-Counter (OTC) & Script Medication Alerts—4/8/16 to 4/17/16: No alerts

Weekly Symptoms Reported Among Primary Care Providers



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

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

Week Ending: April 30, 2016

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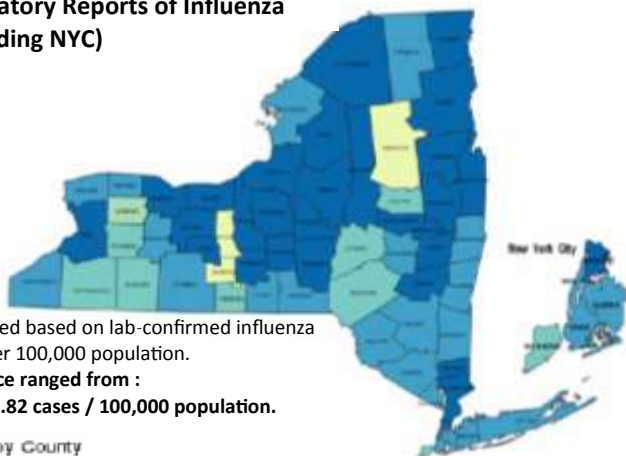
Severe

New York State Flu Activity

Flu Activity for the week ending 4/23/16: **Widespread**

- Lab-Confirmed Flu: 1,999 reports, an 8% decrease over last week. Flu was reported in 59 counties.
- Flu-Related Hospitalizations: 321 reports, a 7% 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 1.27%; this is a decrease from last week and is below the regional baseline of 2.3%.
- Flu-Associated Pediatric Deaths: No report this week. A total of three deaths 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 : 0.00–42.82 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/1GTxdp>

United States Flu Activity

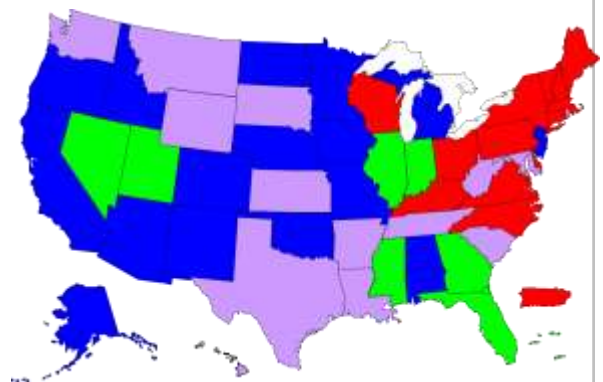
Flu Activity for the week ending 4/23/16 (week 16): **Regional**

Flu activity decreased in the U.S.

Geographic Flu Activity Summary:

- Widespread influenza activity was reported by Guam, Puerto Rico, and 13 states
- Regional influenza activity was reported by 16 states
- Local influenza activity was reported by the District of Columbia and 13 states
- Sporadic influenza activity was reported by the U.S. Virgin Islands and eight 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:

- 6.7% of all deaths reported through the 122 Cities Mortality Reporting System were attributed to pneumonia and flu; this is below the epidemic threshold of 7.0% for week 16.
- Outpatient illness visits reported through the U.S. ILI Network was 2.0%, this percentage is below the national baseline of 2.1%. Three of 10 regions in the U.S. reported flu-like illness at or above their region-specific baselines.
- Four flu-associated pediatric deaths were reported during week 16. A total of 60 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>

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