

Disease Surveillance & Risk Report

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

Week Ending: November 4, 2017

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 ending 11/4/17

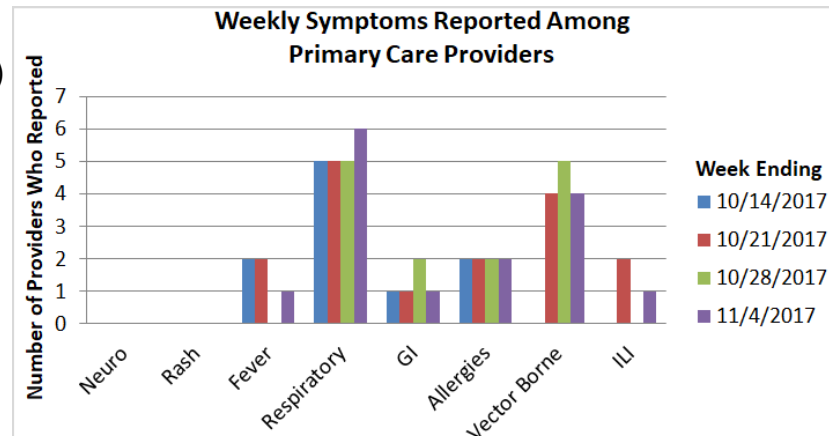
Flu Activity for the week ending 11/4/17: No activity

- Lab-confirmed flu: No laboratory confirmed flu reported this season to date
- Schools Districts*: 0.5% of children seen by school nurses from 13 reporting schools appeared with symptoms of influenza-like illness
- College Health Centers*: ILI was reported
- Primary Care Providers*: Flu and ILI was reported
- Hospitals: ILI was reported
- New York State Hospital Report (HERDS): No flu related hospitalizations were reported by hospitals in Madison County this season to date
- Flu-Associated Pediatric Deaths: No reports season to date



Madison County Disease Surveillance Updates, week ending 11/4/17

- Communicable Diseases Reported to the Health Department: 6 Chlamydia, 1 Salmonella, 1 Giardia, and 1 Strep Pneumoniae were reported
- Primary Care Providers Reported*: fever, respiratory illness, gastrointestinal illness (GI), influenza-like illness (ILI), tick-bites, allergies, coughs, congestion, sore throats, strep, sinus infections, pink eye (conjunctivitis), upper respiratory illness (URI) and pneumonia were reported; see graph.
- Hospital Weekly Surveillance*: Rash, fever, GI, coughs, ILI, respiratory illness, pneumonia, sinus infections, and URI were reported
- Syndromic Surveillance in Emergency Departments: 10/27 - 11/5 mild/moderate sensitivity for drug overdose was reported
- College Health Centers*: Fever, ILI, strep, sore throats, respiratory illness, mono, and sexually transmitted infections were reported
- Medicaid Over-the-Counter (OTC) & Script Medication Alerts: 10/13 - 10/22 mild/moderate sensitivity for 3rd and 4th generation cephalosporins, macrolide antibiotics and cough/cold/allergy medications was reported



*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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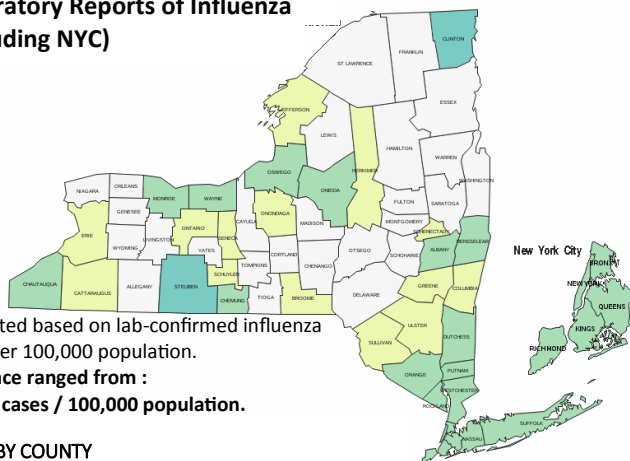
Severe

New York State Flu Activity

Flu Activity for the week ending 10/28/17: **Sporadic**

- Lab-Confirmed Flu: 101 reports, a 35% *increase* over last week. Flu was reported in 22 counties.
- Flu-Related Hospitalizations: 55 reports, a 53% *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 1.46%; this is *below* the regional baseline of 3.10%.
- Flu-Associated Pediatric Deaths: No report this week. No deaths have been reported this season.

Laboratory Reports of Influenza (including NYC)



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 10/28/17 (week 43): **Sporadic**

Geographic Flu Activity Summary:

- **No widespread influenza activity was reported**
- **Regional influenza activity was reported by four states and Guam**
- **Local influenza activity was reported by 12 states and Puerto Rico**
- **Sporadic influenza activity was reported by the District of Columbia and 31 states**
- No activity was reported by one state; two states and the U.S. Virgin Islands did not report

Surveillance Summary:

Flu activity was low in the U.S.

- ILI activity was moderate for Wyoming; four states experienced low ILI activity; and minimal for NYC and 45 states.
- 5.6% of all deaths reported through the National Center for Health Statistics mortality surveillance data occurring during week 41 ending 10/14, were attributed to pneumonia and flu; this is *below* the week 41 epidemic threshold of 6.2%.
- Outpatient illness visits reported through the U.S. ILI Network was 1.5%, this percentage is *below* the national baseline of 2.2%. All 10 regions in the U.S. reported flu-like illness *below* their region-specific baselines.
- One flu-associated pediatric death was reported and occurred during the 2016-17 season.

Figure 1: Geographic Spread of Influenza as Assessed by State and Territorial Epidemiologists (This figure does not measure the severity of influenza activity.)

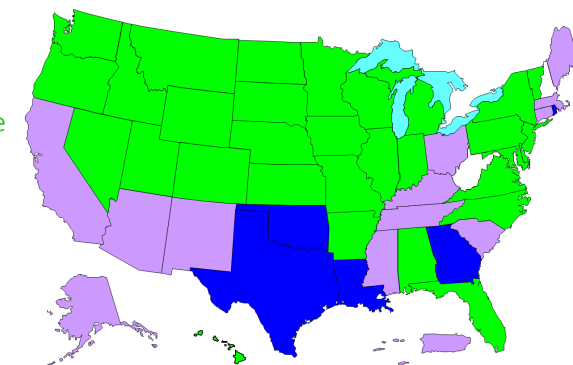
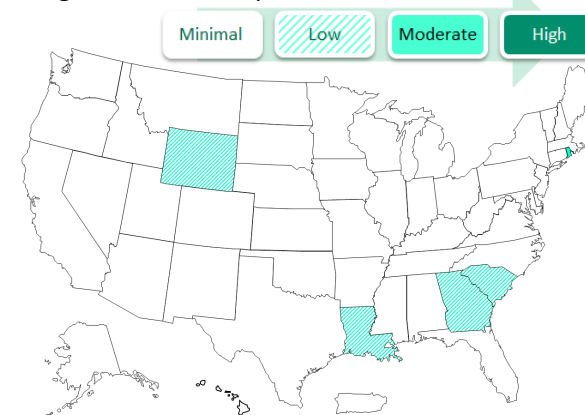


Figure 2: ILI Activity from ILINet Data



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 for Disease Control and Prevention. <http://1.usa.gov/1eDDFhh>