

Disease Surveillance & Risk Report

No Report

No Activity

Sporadic

Local

Regional

Widespread

Severe

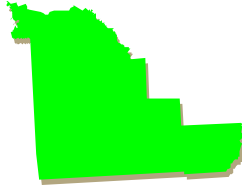
DEFINITION of Influenza-like or Flu-Like Illness: (ILI):

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

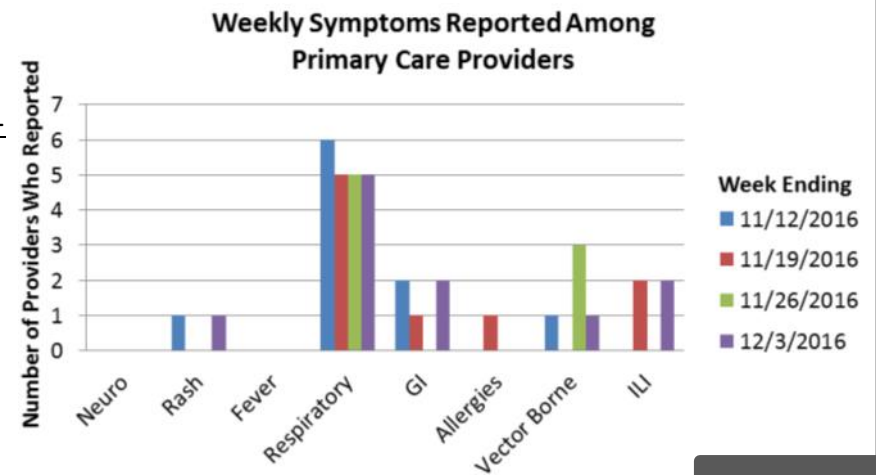
Flu Activity for the week ending 12/3/16: **Sporadic**

- Lab-confirmed flu: One laboratory confirmed flu B was reported. The season total to date is: 5 (3 flu A and 2 flu B)
Weekly incidence: 1.4 flu cases per 100,000 population
- County workforce*: No influenza-like illness (ILI) was reported
- Schools Districts*: 0.3% of children seen by school nurses from 13 reporting schools appeared with symptoms of influenza-like illness
- College Health Centers*: ILI and flu was reported
- Primary Care Providers*: ILI was reported
- New York State Hospital Report (HERDS): One flu related hospitalization was reported by a hospital in Madison County; A total of two flu-related hospitalizations have been reported this season to date.
- Flu-Associated Pediatric Deaths: No reports this season to date.



Madison County Disease Surveillance Updates, week ending 12/3/16

- Communicable Diseases Reported to the Health Department: 2 Chlamydia and 1 Salmonella, 1 Gonorrhea, 1 Lyme disease, and 1 Pertussis were reported
- Primary Care Providers Reported*: respiratory illness, rash, tick-bites, asthma, URI, colds, influenza-like illness (ILI), ear infections, strep throat, coughs, sinus infections, pneumonia, gastrointestinal illness (GI), and coxsackie virus were reported ; also refer to graph below.
- Hospital Weekly Surveillance*: rash, respiratory illness, gastrointestinal illness (GI), ILI, flu, URI, COPD, pneumonia, and strep throat were reported
- Syndromic Surveillance in Emergency Departments: 11/25 - 12/4 a moderate sensitivity for GI was reported by Oneida Healthcare
- College Health Centers*: respiratory illness, gastrointestinal illness (GI), URI, strep throat, ILI and flu were reported
- Medicaid Over-the-Counter (OTC) & Script Medication Alerts— 11/11/16 to 11/20/16: No alerts



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

Disease Surveillance & Risk Report

No Report

No Activity

Sporadic

Local

Regional

Widespread

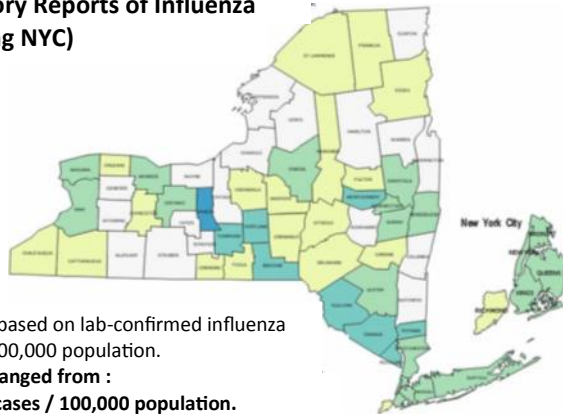
Severe

New York State Flu Activity

Flu Activity for the week ending 11/26/16: **Sporadic**

- **Lab-Confirmed Flu:** 175 reports, a 54% *increase* over last week. Flu was reported in 26 counties.
- **Flu-Related Hospitalizations:** 68 reports, a 6% *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 1.88%; this is a *slight increase* from last week and is *below* the regional baseline of 3.0%.
- **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 11/26/16 (week 47): **Sporadic**

Flu activity *increased slightly* in the U.S but remained low.

Geographic Flu Activity Summary:

- **Regional influenza activity** was reported by **Guam, Puerto Rico, the U.S. Virgin Islands, and one state.**
- **Local influenza activity** was reported by **12 states**
- **Sporadic influenza activity** was reported by the **District of Columbia and 36 states**
- No activity was reported by one state

Surveillance Summary:

- Puerto Rico experienced high ILI activity, one state experienced moderate ILI activity, NYC and five states experienced low ILI activity, and 44 states experienced minimal ILI activity (Fig2).
- 5.2% of all deaths reported through the National Center for Health Statistics mortality surveillance data for week 45, ending 11/12, were attributed to pneumonia and flu; this is below the week 45 epidemic threshold of 6.9%.
- Outpatient illness visits reported through the U.S. ILI Network was 1.8%, this percentage is *below* the national baseline of 2.2%. Three of 10 regions in the U.S. reported flu-like illness *at or above* their region-specific baselines.
- No 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.)

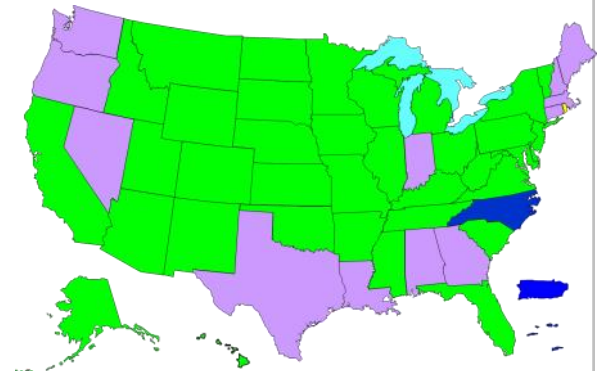


Figure 2: ILI Activity from ILINet Data



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