

Disease Surveillance & Risk Report

No Report

No Activity

Sporadic

Local

Regional

Widespread

Severe

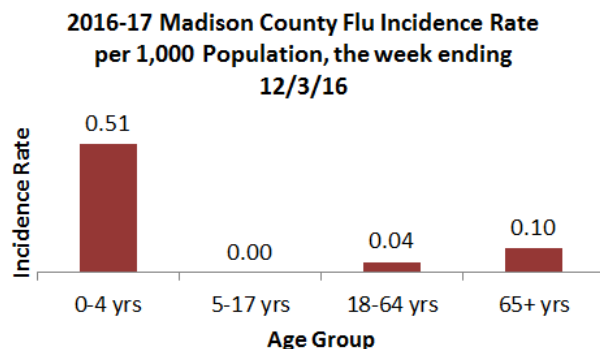
DEFINITION of Influenza-like or Flu-Like Illness: (ILI):

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

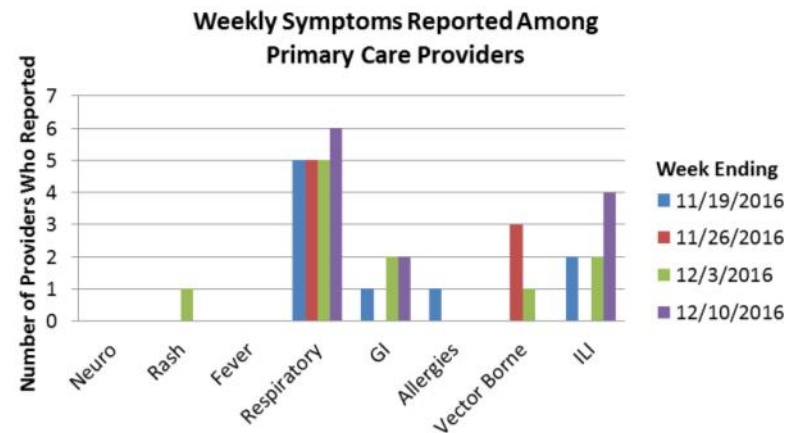
Flu Activity for the week ending 12/10/16: **Sporadic**

- Lab-confirmed flu: No laboratory confirmed reported the week ending 12/10. The flu season total to date is: 5 (3 flu A and 2 flu B)
- County workforce*: No influenza-like illness (ILI) was reported
- Schools Districts*: 0.4% of children seen by school nurses from 13 reporting schools appeared with symptoms of influenza-like illness
- College Health Centers*: No reports due to winter break
- Primary Care Providers*: ILI and flu was reported
- New York State Hospital Report (HERDS): No flu related hospitalization reported in Madison County the week ending 12/10. 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 12/10/16

- Communicable Diseases Reported to the Health Department: 7 Chlamydia, 1 Gonorrhea, and 1 Giardia were reported
- Primary Care Providers Reported*: strep, croup, gastrointestinal illness (GI), ILI, wheezing, upper respiratory infections (URI), pneumonia, colds, sore throat, congestion, and respiratory illness were reported; also refer to graph below.
- Hospital Weekly Surveillance*: fever, respiratory illness, GI, ILI, and URI were reported
- Syndromic Surveillance in Emergency Departments: No increased illness alerts
- College Health Centers*: No reports due to winter break
- Medicaid Over-the-Counter (OTC) & Script Medication Alerts—11/16/16 to 11/25/16: No alerts



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

Disease Surveillance & Risk Report

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

Week Ending: December 10, 2016

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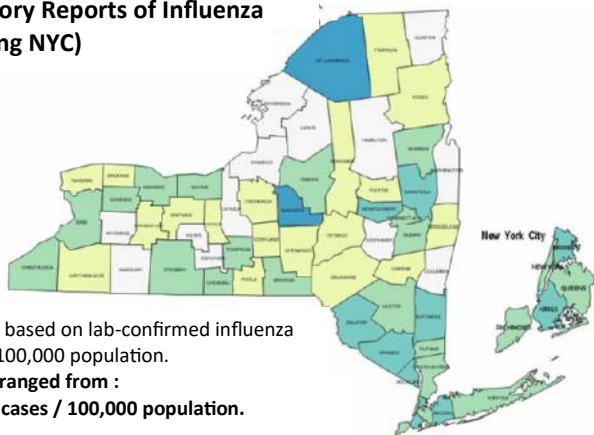
Severe

New York State Flu Activity

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

- **Lab-Confirmed Flu:** 373 reports, a 59% *increase* over last week. Flu was reported in 31 counties.
- **Flu-Related Hospitalizations:** 98 reports, a 48% *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 1.81%; this is a *slight decrease* 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)



Calculated based on lab-confirmed influenza cases per 100,000 population.
Incidence ranged from :
0.00–5.74 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

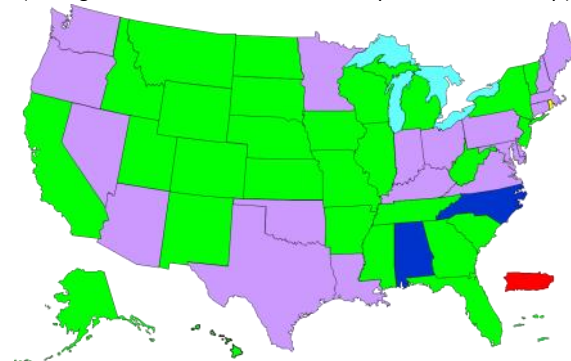
Flu Activity for the week ending 12/3/16 (week 48): **Sporadic**

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

Geographic Flu Activity Summary (Fig. 1):

- **Widespread influenza activity was reported by Puerto Rico.**
- **Regional influenza activity was reported by Guam and two states**
- **Local influenza activity was reported by 19 states**
- **Sporadic influenza activity was reported by the U.S. Virgin Islands and 28 states**
- No activity was reported by one state and the District of Columbia did not report.

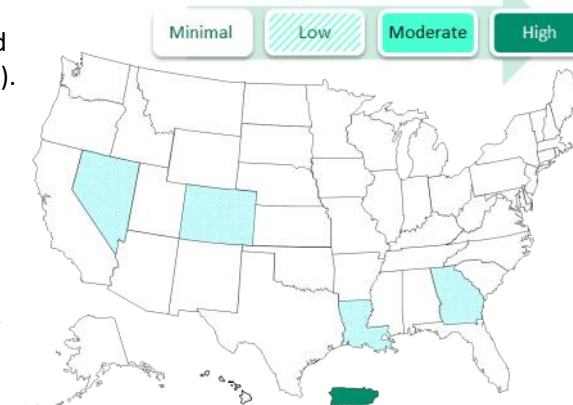
Figure 1: Geographic Spread of Influenza as Assessed by State and Territorial Epidemiologists (This figure does not measure the severity of influenza activity.)



Surveillance Summary:

- Puerto Rico experienced high ILI activity; NYC and four states experienced low ILI activity, and 46 states experienced minimal ILI activity (Fig 2).
- Pneumonia and flu mortality data for the week ending 11/19 (week 46) through the National Center for Health Statistics was not available.
- Outpatient illness visits reported through the U.S. ILI Network was 1.8%, this percentage is *below* the national baseline of 2.2%. Two 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 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>