

**Week Ending: December 9, 2017**

## Disease Surveillance & Risk Report

No Report

No Activity

Sporadic

Local

Regional

Widespread

Severe

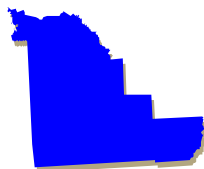
### DEFINITION of Influenza-like or Flu-Like Illness: (ILI):

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 ending 12/9/17

#### Flu Activity for the week ending 12/9/17: **Regional**

- Lab-confirmed flu: 2 Flu cases (1 flu type B and 1 flu type A) were reported. Total Lab Confirmed Flu Reported to Date: 9 (4 Flu Type B and 5 flu Type A)
- Schools Districts\*: 0.6% of children seen by school nurses from 14 reporting schools appeared with symptoms of influenza-like illness
- College Health Centers\*: ILI was reported
- Primary Care Providers\*: ILI was reported
- Hospitals: Flu and 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 12/9/17

- Communicable Diseases Reported to the Health Department: 9 Chlamydia

#### Primary Care Providers Reported\*:

- Rash, fever, gastrointestinal illness (GI), respiratory illness, upper respiratory illness (URI), influenza-like illness (ILI), strep throat, coughs, pneumonia, and pink eye; see graph.

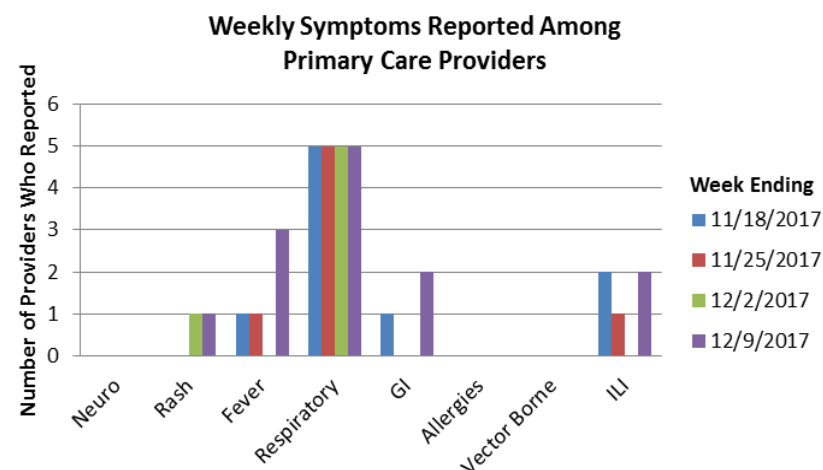
#### Hospital Weekly Surveillance\*:

- Rash, fever, GI, respiratory illness, URI, ILI, flu, pneumonia, and asthma exacerbations were reported

- College Health Centers Reported\*: fever, respiratory illness, ILI, URI, strep throat, and coughs

- Syndromic Surveillance in Emergency Department—12/1-12/9: Mild/Moderate sensitivity for fevers

- Medicaid Over-the-Counter (OTC) & Script Medication Alerts—11/18/17 to 11/27/17: Mild/Moderate sensitivity for systemic and topical nasal products and macrolide antibiotics



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

View all past surveillance reports online at  
[www.healthymadisoncounty.org](http://www.healthymadisoncounty.org)

# Disease Surveillance & Risk Report

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

**Week Ending: December 9, 2017**

No Report

No Activity

Sporadic

Local

Regional

Widespread

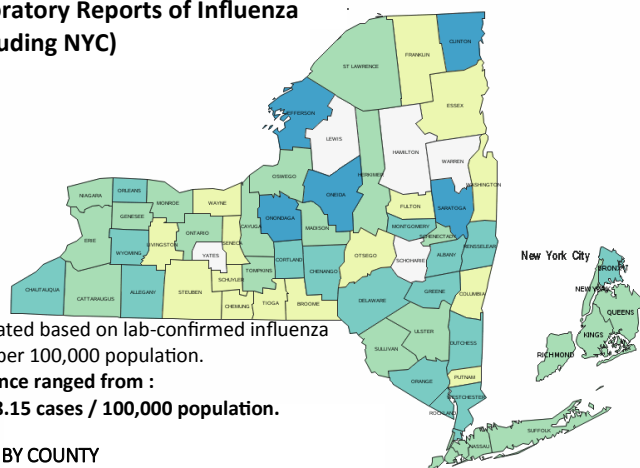
Severe

## New York State Flu Activity

### Flu Activity for the week ending 12/2/17: **Regional**

- **Lab-Confirmed Flu:** 395 reports, a 86% *increase* over last week. Flu was reported in 42 counties.
- **Flu-Related Hospitalizations:** 124 reports, a 49% *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 2.32%; 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

- 5–9.99 cases/100,000 population
- 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 12/2/17 (week 48): **Regional** (Flu activity increased slightly in the U.S.)

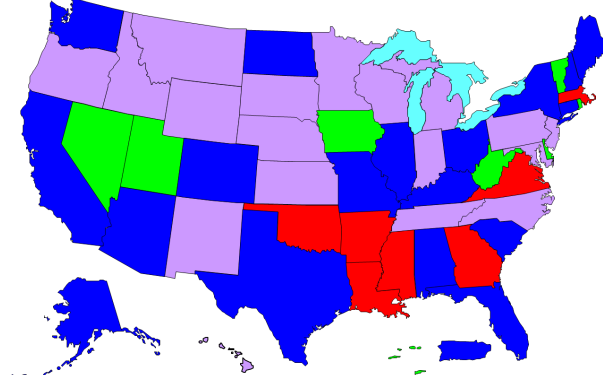
#### Geographic Flu Activity Summary:

- Widespread influenza activity was reported by seven states
- Regional influenza activity was reported by Puerto Rico and 18 states
- Local influenza activity was reported by 18 states
- Sporadic influenza activity was reported by the District of Columbia, the U.S. Virgin Islands and seven states
- Guam did not report.

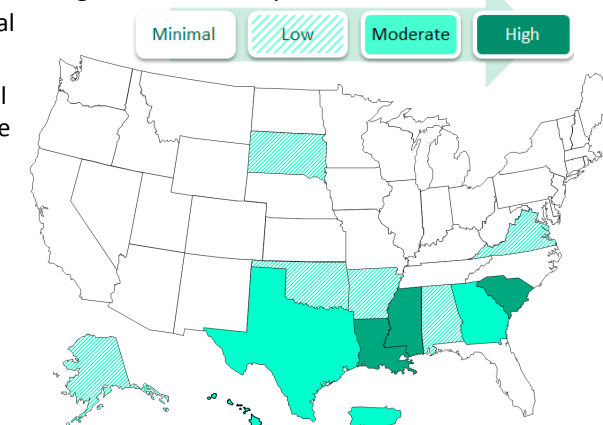
#### Surveillance Summary:

- Three states experienced high activity; Puerto Rico and three states experienced moderate ILI activity; the District of Columbia and six states experienced low ILI activity
- New York City and 38 states experienced minimal ILI activity
- 5.7% of all deaths reported through the National Center for Health Statistics mortality surveillance data occurring during week 46 ending 11/18, were attributed to pneumonia and flu; this is *below* the week 46 epidemic threshold of 6.6%.
- Outpatient illness visits reported through the U.S. ILI Network was 2.3%, this percentage is *above* the national baseline of 2.2%. Four 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 48. Seven flu-associated death 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>