

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

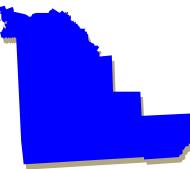
DEFINITION of Influenza-like or Flu-Like Illness: (ILI):

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

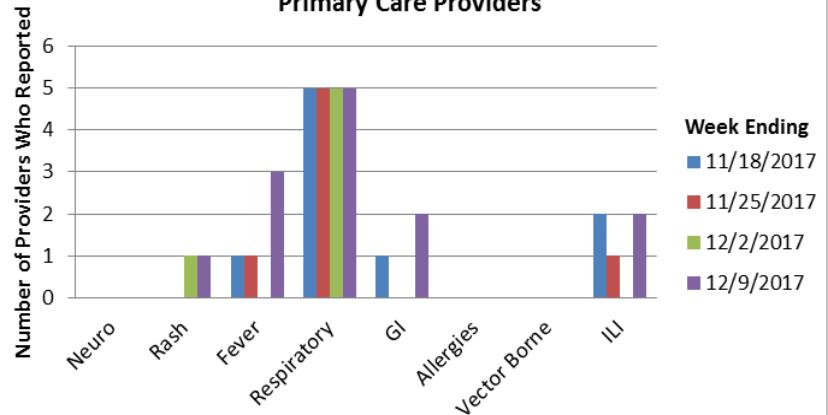


Madison County Disease Surveillance Updates, week ending 12/9/17

• 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.

Weekly Symptoms Reported Among Primary Care Providers



- 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

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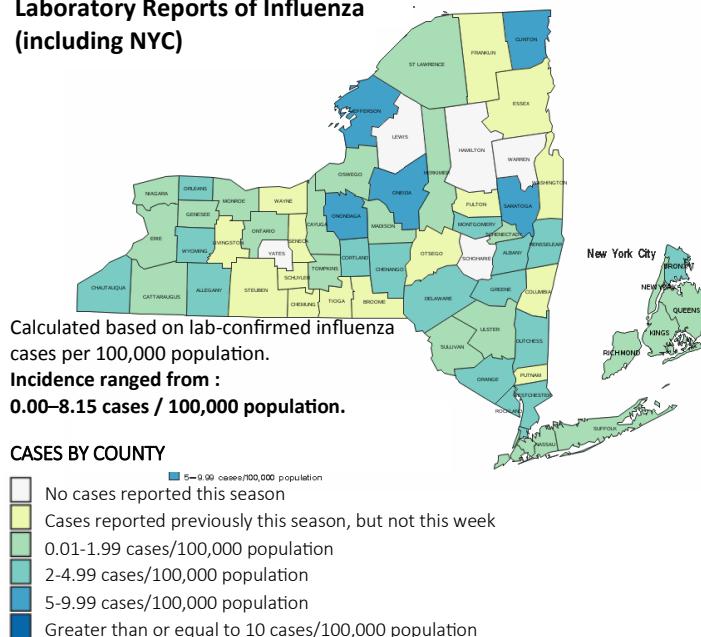
Severe

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)



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 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.)

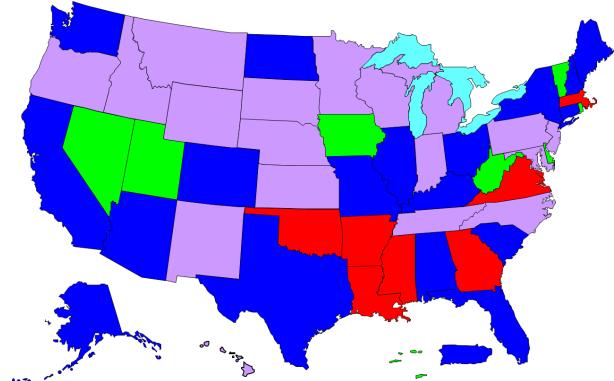
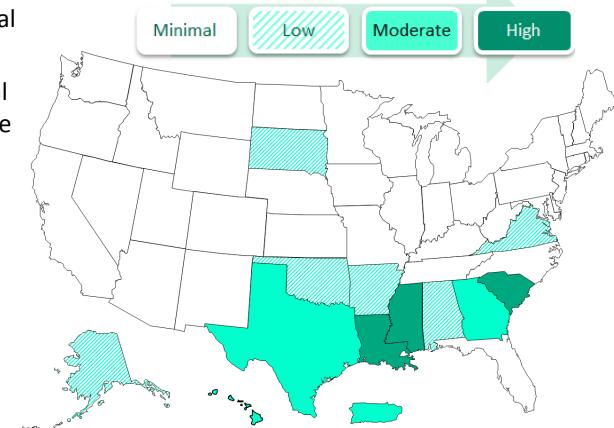


Figure. 2: ILI Activity from ILINet Data



ILI Net Data based on percent of outpatient visits in states due to ILI, more on Fig. 2 at: <http://1.usa.gov/1d3PGtv>