

# Disease Surveillance & Risk Report

No Report

No Activity

Sporadic

Local

Regional

Widespread

Severe

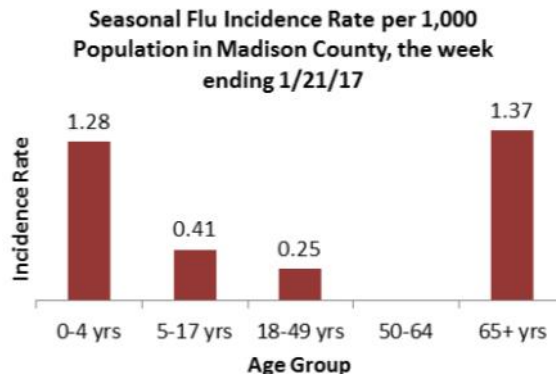
**DEFINITION of Influenza-like or Flu-Like Illness: (ILI):**

**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 3, ending 1/21/17: **Widespread**

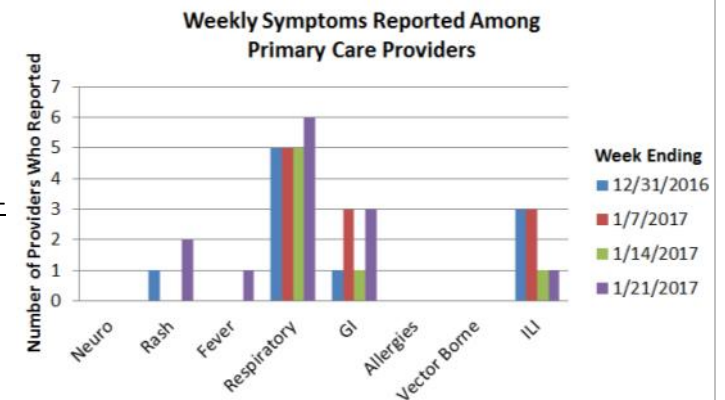
- Lab-confirmed flu: 6 laboratory confirmed flu Type A and were reported. The flu season total to date is: 50 (46 flu type A and 4 flu type B).
- County workforce\*: One influenza-like illness (ILI) was reported for the week ending January 7, 2017 (week 1).
- Schools Districts\*: 0.6% of children seen by school nurses appeared with symptoms of influenza-like illness
- College Health Centers\*: No report of ILI or flu
- Primary Care Providers\*: ILI and flu were reported
- New York State Hospital Report (HERDS): No flu related hospitalization reported by hospitals in Madison County. A total of 10 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

### Reports for the week ending 1/21/17:

- Communicable Diseases Reported to the Health Department: 2 Chlamydia, 1 new chronic Hepatitis C, 1 Cryptosporidium
- Primary Care Providers Reported\*: Upper respiratory infections (URI), colds, coughs, respiratory infections, ear infections, sinus infections, ILI, gastrointestinal illness (GI), rashes, fever, strep throat (some with rashes), pneumonia, bronchitis, respiratory syncytial virus (RSV), and sore throats
- College Health Centers\*: Respiratory illness, GI, URI, and mononucleosis
- Schools Districts\*: Strep/Scarlet fever, GI, stomach bug, colds, bronchitis, pneumonia
- Hospital Weekly Surveillance\*: Flu, URI, ILI, GI, strep throat, rashes, fever, and respiratory illness, and neurological symptoms
- Syndromic Surveillance in Emergency Departments—1/13/17 to 1/22/17: Mild to moderate sensitivity for neurologic\*\*
- Medicaid Over-the-Counter (OTC) & Script Medication Alerts—12/30/16 to 1/8/17: No alerts



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

\*\*Neurologic can include non-specific diagnosis of neurological infection (e.g. Meningitis, Encephalitis, etc.) or non-specific conditions (e.g. headache, numbness, dizziness, blurry/double vision, speech difficulty, confusion, disorientation, or anxiety)

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: January 21, 2017**

No Report

No Activity

Sporadic

Local

Regional

Widespread

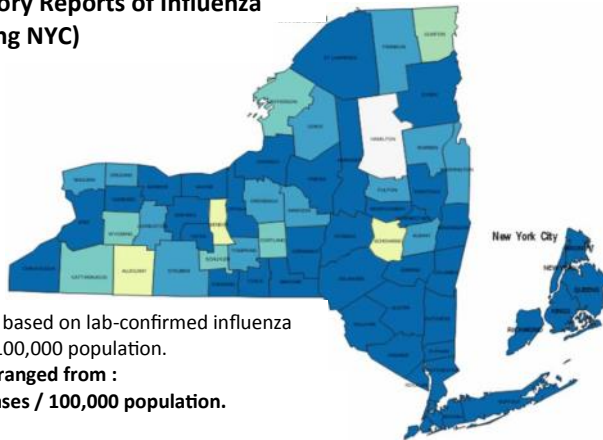
Severe

## New York State Flu Activity

### Flu Activity for the week ending 1/14/17: **Widespread**

- **Lab-Confirmed Flu:** 3,392 reports, an 8% increase over last week. Flu was reported in 58 counties.
- **Flu-Related Hospitalizations:** 863 reports, a 7% 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 7.17%; this is an increase from last week and is above 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 :  
0–30.93 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

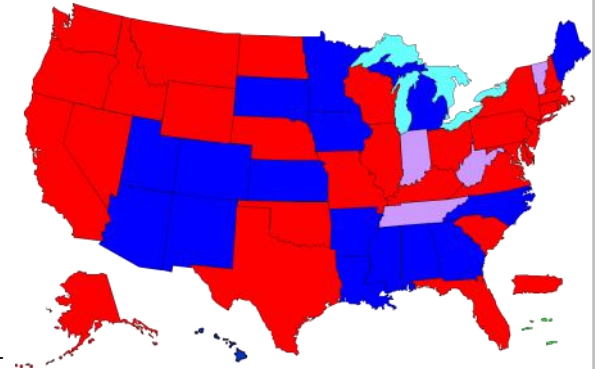
### Flu Activity for the week ending 1/14/17 (week 2): **Widespread**

Flu activity increased in the U.S.

#### Geographic Flu Activity Summary (Fig. 1):

- **Widespread** influenza activity was reported by Puerto Rico and 29 states
- **Regional** influenza activity was reported by Guam and 17 states
- **Local** influenza activity was reported by the District of Columbia and four states
- **Sporadic** influenza activity was reported by the U.S. Virgin Islands.

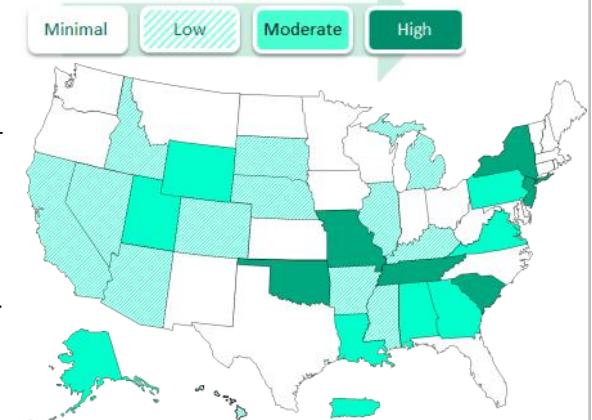
**Figure 1:** Geographic Spread of Influenza as Assessed by State and Territorial Epidemiologists (This figure does not measure the severity of influenza activity.)



#### Surveillance Summary:

- New York City and six states experienced high ILI activity; Puerto Rico and eight states experienced moderate ILI activity; 14 states experienced low ILI activity; 22 states experienced minimal ILI activity (Fig 2).
- Pneumonia and flu mortality data for the week ending 12/31 through the National Center for Health Statistics was 7.0%; this is below the epidemic threshold of 7.3% for week 52.
- Outpatient illness visits reported through the U.S. ILI Network was 3.3%, this percentage is above the national baseline of 2.2%. All 10 regions in the U.S. reported flu-like illness at their region-specific baselines.
- Two flu-associated pediatric deaths were reported. A total of two deaths have been reported for the 2016-17 flu 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>