

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 1)

Madison County Disease Surveillance Updates, 1/3/15-1/9/16 (Week 2)

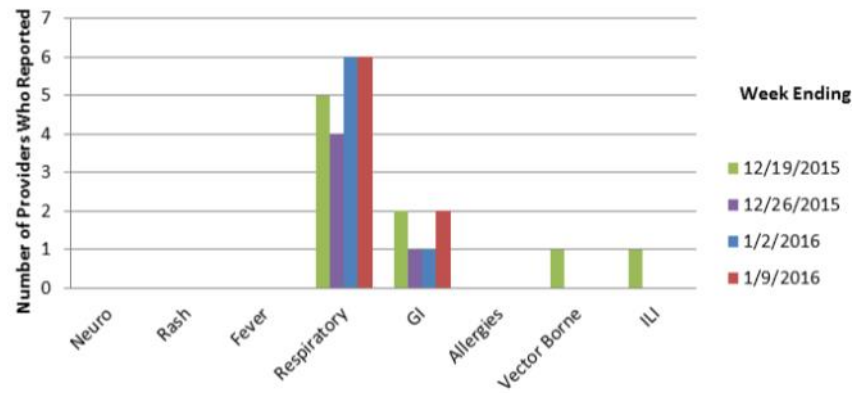
Flu Activity for the week ending 1/9/16: No Activity

- Lab-confirmed flu:
No lab confirmed flu to date this season
- County workforce*:
One flu-like illness (ILI) was reported for the week ending 1/2/16
- Madison-Oneida BOCES School District*:
0.2% of children seen by the school nurse appeared with symptoms of influenza-like illness
- College Health Centers*:
No reports, not in session
- Primary Care Providers Reported*:
No reports of influenza-like illness
- New York State Hospital Report (HERDS):
No flu related hospitalized reported this season to date.
- Flu-Associated Pediatric Deaths:
No reports this season to date.



- Communicable Diseases Reported to the Health Department: 3 Chlamydia, 2 Group B Strep, and 1 Cryptosporidiosis
- Primary Care Providers Reported*: Respiratory illness and gastrointestinal illness (GI), see chart below.
- Hospital Weekly Surveillance*: Reports of respiratory illness and respiratory syncytial virus (RSV)
- Syndromic Surveillance in Emergency Departments: No reports of increased illness
- College Health Centers*: No report due to winter break
- Medicaid Over-the-Counter (OTC) & Script Medication Alerts—12/18/15 to 12/27/15: Mild to moderate signals for Penicillin G and Ampicillins, First and Second Generation Cephalosporins, and Herpes Agents

Weekly Symptoms Reported Among Primary Care Providers



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

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

Week Ending: January 9, 2016

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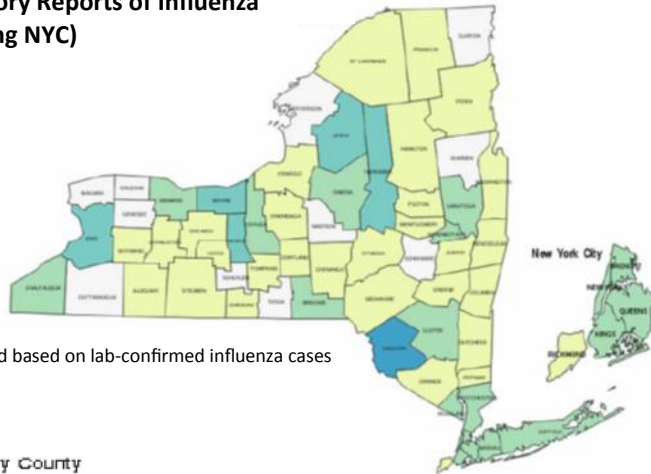
Severe

New York State Flu Activity

Flu Activity for the week ending 1/2/16: **Sporadic**

- **Lab-Confirmed Flu:** 96 reports, a 10% *increase* over last week. Flu was reported in 22 counties.
- **Flu-Related Hospitalizations:** 25 reports, a 25% *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 2.40%; this is a *decrease* from last week and is *above* the regional baseline of 2.3%.
- **Flu-Associated Pediatric Deaths:** None reported this season to date.

Laboratory Reports of Influenza (including NYC)



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 1/2/16 (week 52): **Sporadic**

Geographic Flu Activity Summary:

- **Widespread** influenza activity was reported by Guam and two states (MD and NC)
- **Regional** influenza activity was reported by six states
- **Local** influenza activity was reported by 13 states
- **Sporadic** influenza activity was reported by the U.S. Virgin Islands and 27 states
- No influenza activity was reported by the District of Columbia and two states (AL and MS)
- Puerto Rico did not report.

Surveillance Summary:

Flu activity *increased slightly* in the U.S.

- 5.7% of all deaths reported through the 122 Cities Mortality Reporting System were attributed to pneumonia and flu; this is *below* the epidemic threshold of 7.0% for week 52.
- Outpatient illness visits reported through the U.S. ILI Network was 2.8%, this percentage is *above* the national baseline of 2.1%. Seven 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 52. Six 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.)

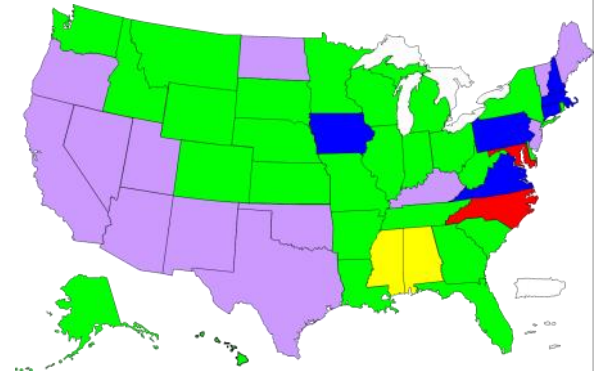
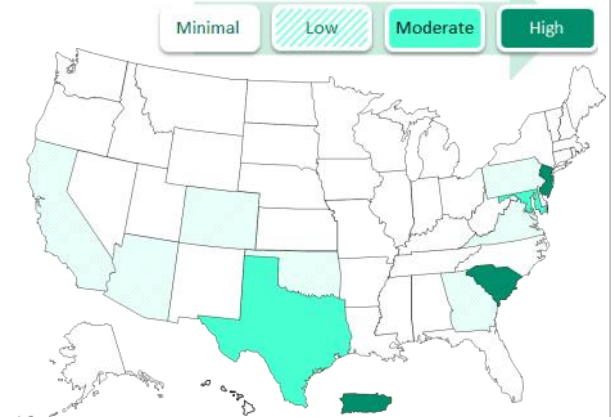


Figure 2: ILI Activity from ILINet Data



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>