

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

Madison County Disease Surveillance Updates

Flu Activity for the week 13, ending 4/1/17:

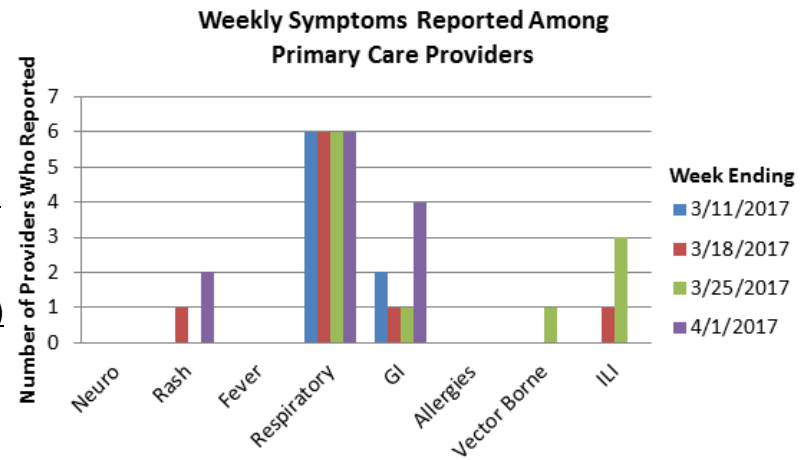
Widespread

- Lab-confirmed flu: 24 laboratory confirmed flu (7 flu Type A and 17 flu Type B) were reported. The season total to date of reported flu cases is: 387.
- Schools Districts*: 0.8% of children seen by school nurses appeared with symptoms of influenza-like illness.
- College Health Centers*: Flu reported
- Primary Care Providers*: Flu reported
- New York State Hospital Report (HERDS): Two flu related hospitalization reported by hospitals in Madison County for week 13. A total of 31 flu-related hospitalizations have been reported this season to date in Madison County.



Reports for the week ending 4/1/17:

- Communicable Diseases Reported to the Health Department: 6 Chlamydia and 1 new chronic Hepatitis C
- Primary Care Providers Reported*: Respiratory infections, rashes, gastrointestinal illness (GI), upper respiratory infections (URI), flu, strep throat, sore throats, coughs, colds, pink eye, sinus infections, and scabies
- College Health Centers*: Respiratory illness, rashes, GI, flu, strep, pink eye (conjunctivitis), coughs, colds, mono, and sinus infections
- Schools Districts*: Strep, flu, sore throats, colds, bronchitis, pink eye, ILI, and GI (mostly vomiting) were reported
- Hospital Weekly Surveillance*: Flu, respiratory illness, GI, URI, strep, fevers, and pneumonia
- Syndromic Surveillance in Emergency Departments 3/24/17 to 4/2/17: Mild to moderate sensitivity for asthma
- Medicaid Over-the-Counter (OTC) & Script Medication Alerts—3/9/17 to 3/18/17: 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)

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

Week Ending: April 1, 2017

No Report

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Widespread

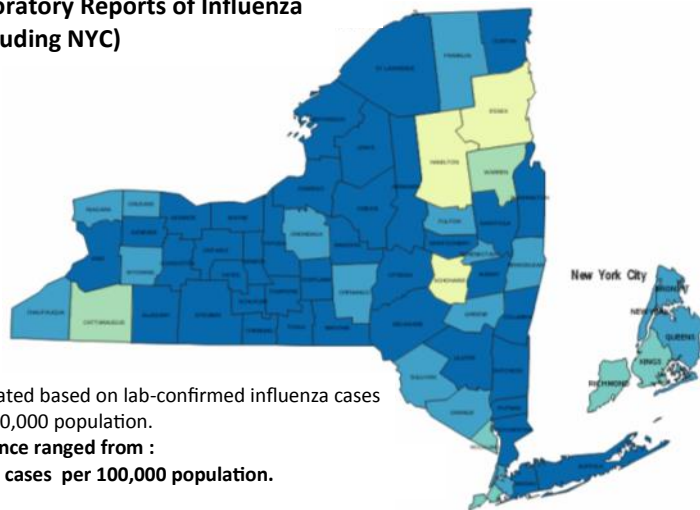
Severe

New York State Flu Activity

Flu Activity for the week ending 3/25/17 (week 12): **Widespread**

- Lab-Confirmed Flu: 2,360, a 18% increase over last week. Flu was reported in 59 counties.
- Flu-Related Hospitalizations: 390 reports, a 5% increase over last week.
- A select group of providers across the state (outside of NYC) reported the percentage of office visits due to complaints of flu-like illness (ILI) was 3.88; this is an increase from last week, and is above the regional baseline of 3.0%.
- Flu-Associated Pediatric Deaths: No reports this week. There have been seven flu-associated deaths this season to date.

Laboratory Reports of Influenza (including NYC)



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 3/25/17 (week 12): **Widespread**

Flu activity *remained elevated*.

- **Widespread** influenza activity was reported by 31 states
- **Regional** influenza activity was reported by Guam, Puerto Rico and 12 states
- **Local** influenza activity was reported by the District of Columbia and five states
- **Sporadic** activity was reported by two states
- No influenza activity was reported by the U.S. Virgin Islands.

Surveillance Summary:

- 10 states experienced high ILI activity; Eight states experienced moderate ILI activity; Eight states experienced low ILI activity; and New York City, Puerto Rico, and 24 states experienced minimal ILI activity (Fig 2).
- Based on pneumonia and influenza (P&I) mortality data, 7.8% of deaths during week 8 were due to P&I; this is above the epidemic threshold of 7.5% for week 10.
- A cumulative rate for the season of 54.1 lab-confirmed flu-associated hospitalizations per 100,000 population was reported.
- Outpatient illness visits reported through the U.S. ILI Network was 3.2%, this above the national baseline of 2.2%. Eight of 10 U.S. regions reported ILI *at or above* their region-specific baselines.
- Six flu-associated pediatric deaths have been reported. To date, 61 deaths have been reported for the 2016-17 flu season.

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

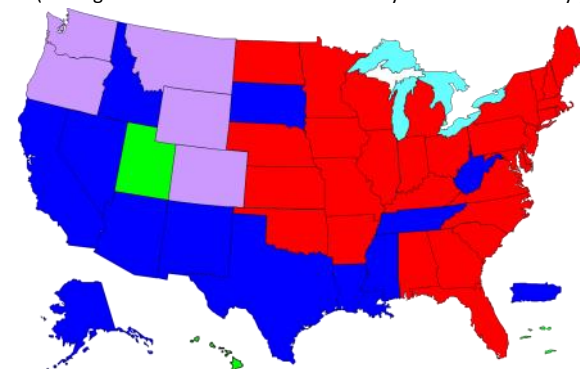
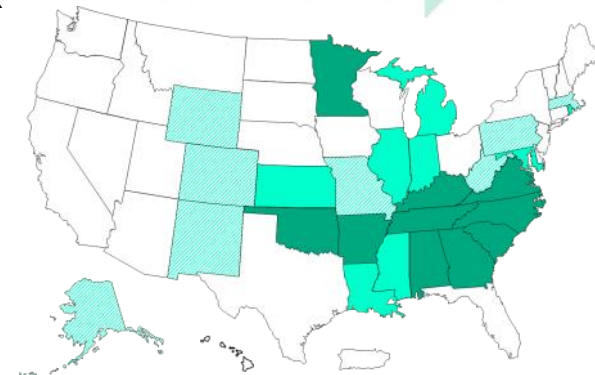


Figure 2: ILI Activity from ILINet Data



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>