

Disease Surveillance & Risk Report

No Report

No Activity

Sporadic

Local

Regional

Widespread

Severe

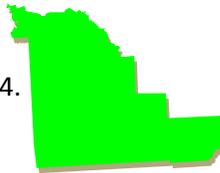
DEFINITION of Influenza-like or Flu-Like Illness: (ILI):

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 ending 12/24/16: **Sporadic**

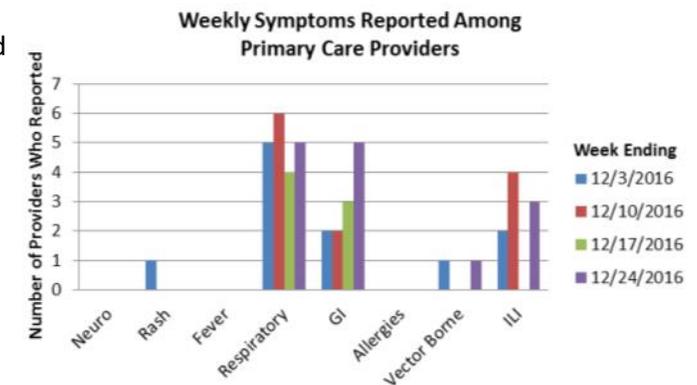
- Lab-confirmed flu:
Three laboratory confirmed flu A was reported the week ending 12/24. The flu season total to date is: 11 (9 flu A and 2 flu B)
- County workforce*:
No influenza-like illness (ILI) reported
- Schools Districts*:
0.4% of children seen by school nurses from 13 reporting schools appeared with symptoms of influenza-like illness
- College Health Centers*:
No reports due to winter break
- Primary Care Providers*:
ILI was reported
- New York State Hospital Report (HERDS):
No flu related hospitalization reported in Madison County the week ending 12/24. A total of two 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 12/24/16:

- Communicable Diseases Reported to the Health Department:
4 Chlamydia, 1 new chronic Hepatitis C, and 1 Lyme disease
- Primary Care Providers Reported*:
Strep, upper respiratory infections, (URI), laryngitis, head lice, influenza-like illness (ILI), colds, sore throats, gastrointestinal illness (GI), diarrhea, bronchitis, sinus infections, respiratory infections, and vector-borne disease were reported; also refer to graph above.
- Hospital Weekly Surveillance*:
Respiratory illness, GI, ILI, flu, strep throat, pneumonia, and URI were reported
- Syndromic Surveillance in Emergency Departments:
No increased illness alerts
- College Health Centers*:
No reports due to winter break
- Medicaid Over-the-Counter (OTC) & Script Medication Alerts—12/2/16 to 12/11/16:
No alerts



Disease Surveillance & Risk Report

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

Week Ending: December 24, 2016

No Report

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Sporadic

Local

Regional

Widespread

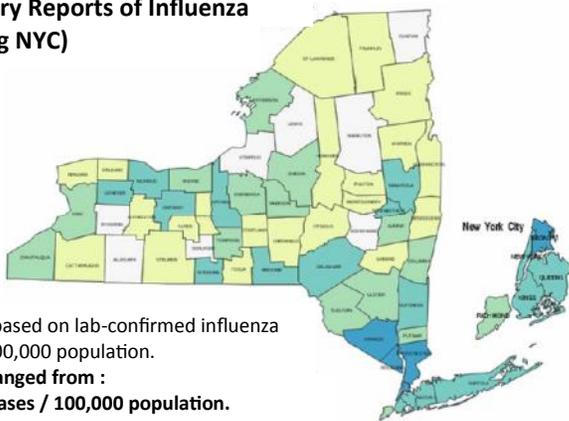
Severe

New York State Flu Activity

Flu Activity for the week ending 12/17/16: **Regional**

- **Lab-Confirmed Flu:** 602 reports, a 72% increase over last week. Flu was reported in 33 counties.
- **Flu-Related Hospitalizations:** 162 reports, a 65% 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 1.70%; this is a slight increase from last week and is below 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 :
0.00–5.94 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

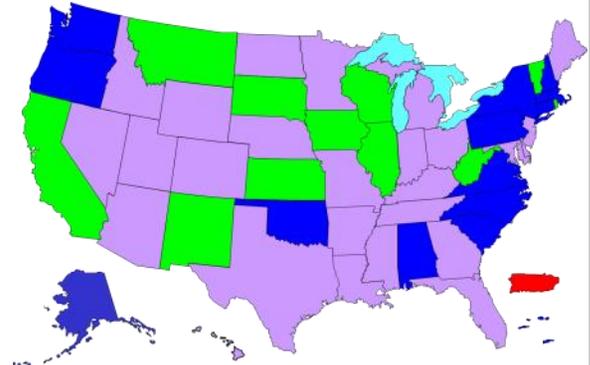
Flu Activity for the week ending 12/17/16 (week 50): **Local**

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

Geographic Flu Activity Summary (Fig. 1):

- **Widespread** influenza activity was reported by Puerto Rico.
- **Regional** influenza activity was reported by Guam, the U.S. Virgin Islands, and 13 states
- **Local** influenza activity was reported by the District of Columbia and 26 states
- **Sporadic** influenza activity was reported by 11 states

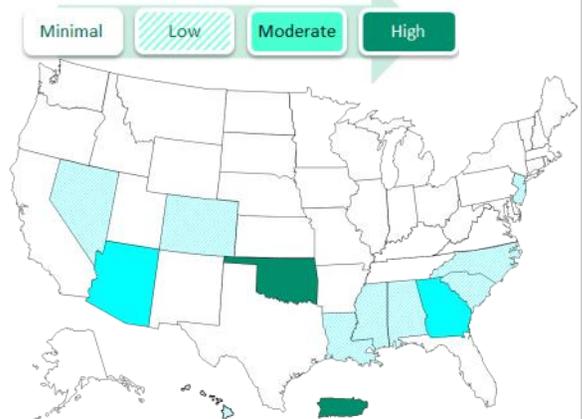
Figure 1: Geographic Spread of Influenza as Assessed by State and Territorial Epidemiologists (This figure does not measure the severity of influenza activity.)



Surveillance Summary:

- Puerto Rico experienced high ILI activity; Two states and NYC experienced moderate ILI activity; Ten states experienced low ILI activity, and 37 states experienced minimal ILI activity (Fig 2).
- Pneumonia and flu mortality data for the week ending 12/3 (week 48) through the National Center for Health Statistics 5.9%; this is *below* the epidemic threshold of 6.9% for this week.
- Outpatient illness visits reported through the U.S. ILI Network was 2.3%, this percentage is *above* the national baseline of 2.2%. Five of 10 regions in the U.S. reported flu-like illness *at or above* their region-specific baselines.
- No flu-associated pediatric 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>