

Disease Surveillance & Risk Report

No Report

No Activity

Sporadic

Local

Regional

Widespread

Severe

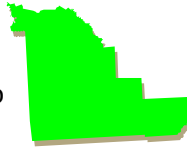
DEFINITION of Influenza-like or Flu-Like Illness: (ILI):

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

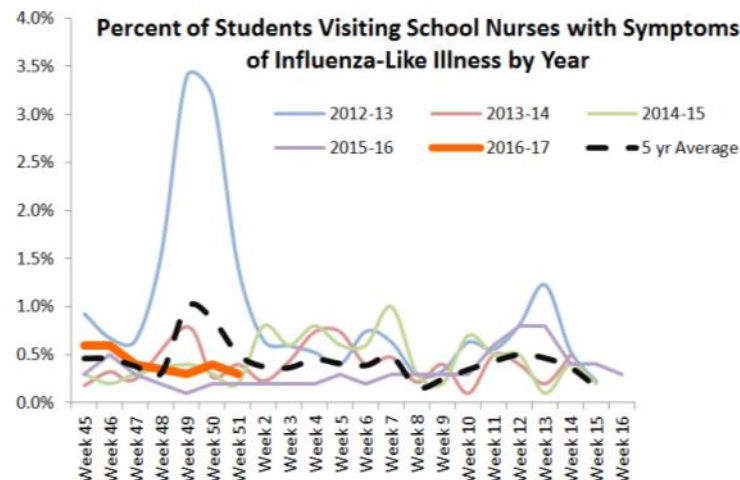
Madison County Flu Activity

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

- Lab-confirmed flu: One laboratory confirmed flu A was reported the week ending 12/17. The flu season total to date is: 7 (5 flu A and 2 flu B)
- County workforce*: No influenza-like illness (ILI) was reported
- Schools Districts*: 0.3% 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*: No flu reported
- New York State Hospital Report (HERDS): No flu related hospitalization reported in Madison County the week ending 12/17. 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 12/17/16:

- Communicable Diseases Reported to the Health Department: 4 Chlamydia, 1 Cryptosporidium, and 1 Pertussis were reported
- Primary Care Providers Reported*: Strep, gastrointestinal illness (GI), ILI, upper respiratory infections (URI), pertussis, sinus infections (sinusitis), and respiratory illness were reported; also refer to graph below.
- Hospital Weekly Surveillance*: Respiratory illness, fever, GI, ILI, strep throat 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—11/24/16 to 12/3/16: No alerts

HEALTH ADVISORY: MUMPS. 12/16/16 - NYSDOH has issued a new Health Alert (https://apps.health.ny.gov/pub/ctrl/docs/alrtview/postings/Notification_21509.pdf) regarding Mumps outbreaks across the state and country. In NYS and Madison County, cases of mumps are now being found beyond the college population and in the wider community. It's important Providers test anyone that has symptoms, particularly with an initial episode of parotitis.

Provider Guidance on Mumps:

- Outbreak Control Guidelines for Vaccine Preventable Diseases (Testing and Control Decision Trees): <http://bit.ly/NYSoutbreakguide2>
- When Mumps is Mumps <http://bit.ly/mumpsISmumps>

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

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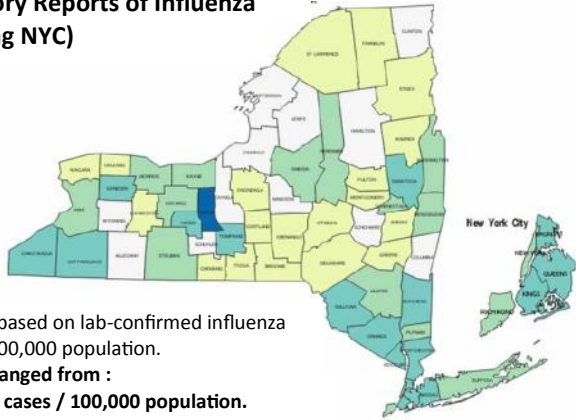
Severe

New York State Flu Activity

Flu Activity for the week ending 12/10/16: **Regional**

- **Lab-Confirmed Flu:** 351 reports, a 29% increase over last week. Flu was reported in 31 counties.
- **Flu-Related Hospitalizations:** 95 reports, a 2% decrease 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 1.67%; this is a slight decrease 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 : 0.00–11.00 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

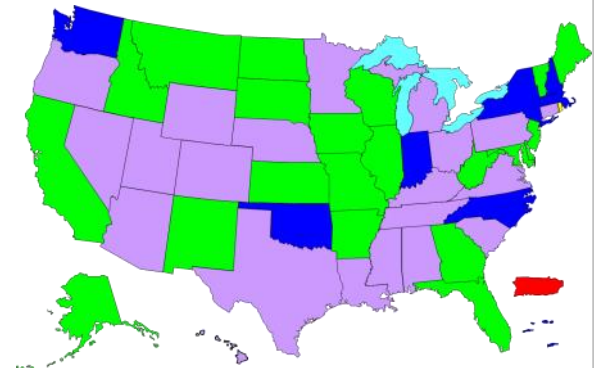
Flu Activity for the week ending 12/10/16 (week 49): **Sporadic**

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 seven states
- **Local** influenza activity was reported by the District of Columbia and 22 states
- **Sporadic** influenza activity was reported by 20 states
- No activity was reported by one state

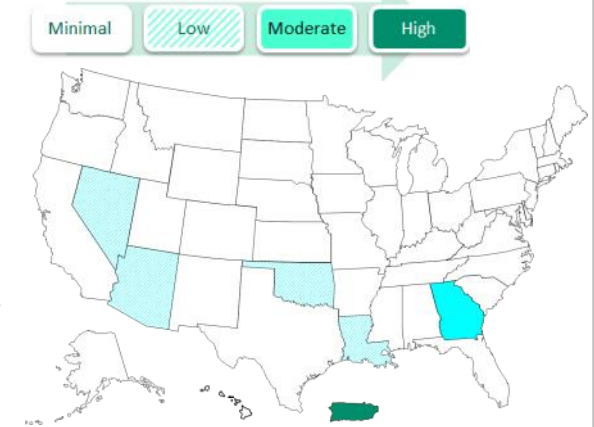
Figure 1: Geographic Spread of Influenza as Assessed by State and Territorial Epidemiologists (This figure does not measure the severity of influenza activity.)



Surveillance Summary:

- Puerto Rico experienced high ILI activity; Georgia experienced moderate ILI activity; NYC and four states experienced low ILI activity, and 45 states experienced minimal ILI activity (Fig 2).
- Pneumonia and flu mortality data for the week ending 11/26 (week 47) through the National Center for Health Statistics 5.6%; this is below the epidemic threshold of 6.8% for this week.
- Outpatient illness visits reported through the U.S. ILI Network was 1.9%, this percentage is below the national baseline of 2.2%. Two of 10 regions in the U.S. reported flu-like illness at or above their region-specific baselines.
- No flu-associated pediatric deaths were reported this 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/1d3PGv>

Sources: *FluView: Weekly U.S. Influenza and Surveillance Report.* Centers for Disease Control and Prevention. <http://1.usa.gov/1eDDFhh>