

# 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 21)**

**Madison County Disease Surveillance Updates, 5/15/16-5/21/16**

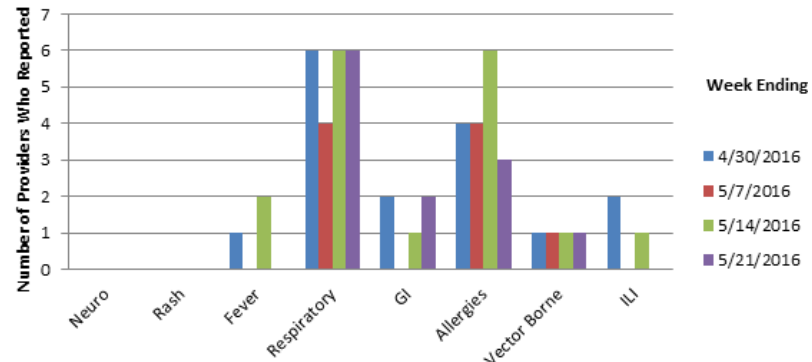
**Flu Activity for the week ending 5/21/16: No activity**

- Lab-confirmed flu: No flu were reported in week 21. The 2015-16 season total to date is: 174 flu (153 flu A and 21 flu B). *Weekly incidence: 0 flu cases per 100,000 population*
- County workforce\*: No influenza-like illness (ILI) was reported
- College Health Centers\*: No reports due to summer break
- Primary Care Providers\*: No Flu or ILI reported
- New York State Hospital Report (HERDS): No reports for week 21. A total of eight flu related hospitalizations have been reported this season.
- Flu-Associated Pediatric Deaths: No reports for week 21. A total of one reported this season to date.



- Communicable Diseases Reported to the Health Department: 5 Chlamydia and 1 new chronic Hepatitis C
- Primary Care Providers Reported\*: Allergies, bronchitis, conjunctivitis, coughs, chronic pulmonary obstructive disease (COPD) exacerbations, ear aches/infections, vomiting, respiratory illness, sore throat, strep throat, and tick bites (vector-borne); also refer to the graph below.
- Hospital Weekly Surveillance\*: Respiratory illness, upper respiratory illness (URI), strep throat, and coughs were reported
- Syndromic Surveillance in Emergency Departments: *Oneida Healthcare* reported mild to moderate signals for rash
- College Health Centers\*: No reports due to summer break
- Medicaid Over-the-Counter (OTC) & Script Medication Alerts—4/29/16 to 5/8/16: No alerts

**Weekly Symptoms Reported Among Primary Care Providers**



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

**Week Ending: May 21, 2016**

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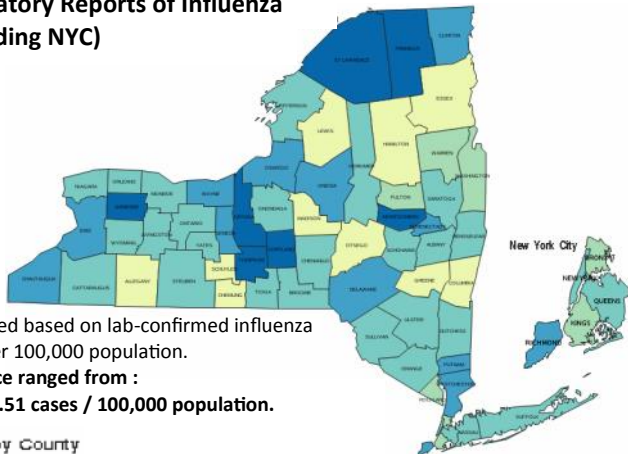
Severe

**New York State Flu Activity**

**Flu Activity for the week ending 5/14/16: **Widespread****

- Lab-Confirmed Flu: 736 reports, a 36% decrease over last week. Flu was reported in 52 counties.
- Flu-Related Hospitalizations: 127 reports, a 30% 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 0.53%; a decrease from the previous week; this is below the regional baseline of 2.3%.
- Flu-Associated Pediatric Deaths: One report this week. A total of four 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 : 0.00–28.51 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 5/14/16 (week 19): **Local****

Flu activity continued to decrease in the U.S.

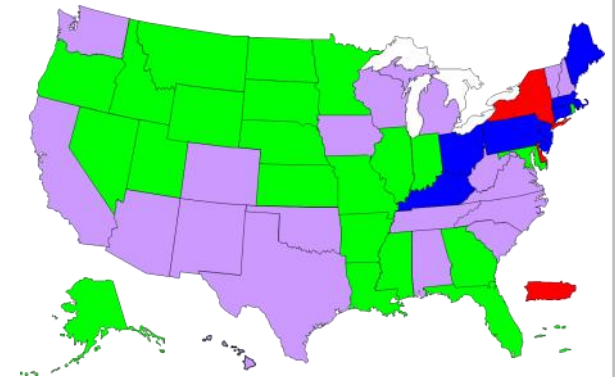
**Geographic Flu Activity Summary:**

- Widespread influenza activity was reported by Puerto Rico and two states
- Regional influenza activity was reported by seven states
- Local influenza activity was reported by the District of Columbia, Guam, and 19 states
- Sporadic influenza activity was reported by the U.S. Virgin Islands and 22 states

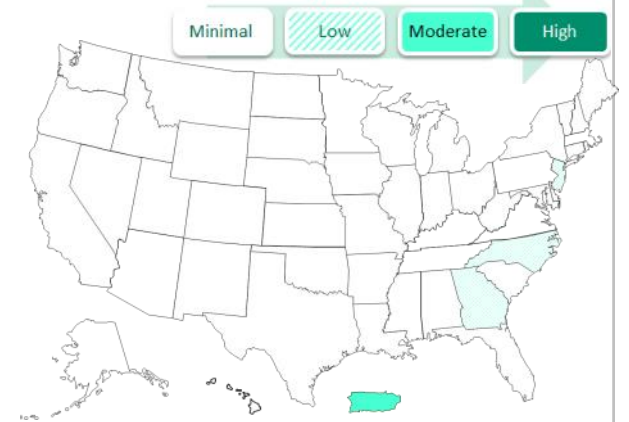
**Surveillance Summary:**

- 6.7% of all deaths reported through the 122 Cities Mortality Reporting System were attributed to pneumonia and flu; this is at the epidemic threshold of 6.7% for week 19.
- Outpatient illness visits reported through the U.S. ILI Network was 1.4%, this percentage is below the national baseline of 2.1%. One of 10 regions in the U.S. reported flu-like illness at or above their region-specific baselines.
- One flu-associated pediatric death was reported during week 19. A total of 68 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>