

Disease Surveillance & Risk Report

No Report

No Activity

Sporadic

Local

Regional

Widespread

Severe

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

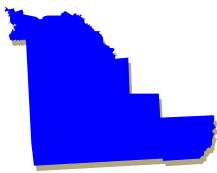
1) Fever > 100°F measured with a thermometer AND (2) Cough AND/OR sore throat in the absence of a known cause other than influenza

Madison County Flu Activity

Madison County Disease Surveillance Updates

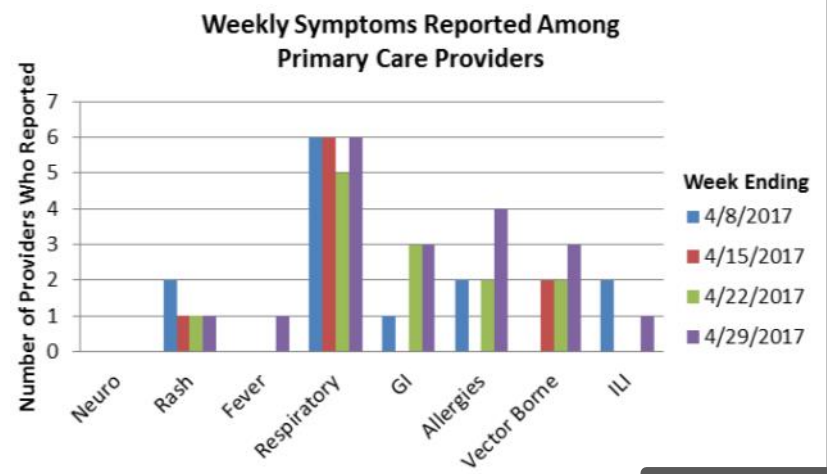
Flu Activity for the week 17, ending 4/29/17: **Regional**

- Lab-confirmed flu: 3 laboratory confirmed flu (3 flu Type B) were reported. The season total to date of reported flu cases is: 476.
- College Health Centers*: Flu and ILI was reported
- Schools Districts*: 0.1% of children seen by school nurses appeared with symptoms of influenza-like illness.
- Primary Care Providers*: Flu and ILI was reported
- New York State Hospital Report (HERDS): No flu related hospitalization reported by hospitals in Madison County for week 17. A total of 43 flu-related hospitalizations have been reported this season to date in Madison County.



Reports for the week ending 4/29/17:

- Communicable Diseases Reported to the Health Department: 5 chlamydia, 1 new chronic Hepatitis C, and 1 syphilis
- Primary Care Providers Reported*: rashes, fever, respiratory infections, gastrointestinal illness (GI), abdominal pain, allergies, ILI, flu, strep, pneumonia, COPD exacerbations, sinus infections, ear infections, URI (upper respiratory infections), pink eye, chest congestion, and tick bites
- College Health Centers Reported*: respiratory illness, GI, allergies, flu, ILI, strep, URI, and pink eye (conjunctivitis)
- Schools Districts Reported*: Pink eye, GI, vomiting, allergies, colds, sore throats
- Hospital Weekly Surveillance*: respiratory infections, GI, URI, strep, and tick bites
- Syndromic Surveillance in Emergency Departments 4/24/17 to 4/30/17: No reports
- Medicaid Over-the-Counter (OTC) & Script Medication Alerts—4/6/17 to 4/15/17: moderate sensitivity for Tetracyclines (antibiotics)



*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)

Disease Surveillance & Risk Report

No Report

No Activity

Sporadic

Local

Regional

Widespread

Severe

New York State Flu Activity

Flu Activity for the week ending 4/22/17 (week 16): **Widespread**

- **Lab-Confirmed Flu:** 1,393, a 37% decrease over last week. Flu was reported in 60 counties.
- **Flu-Related Hospitalizations:** 259 reports, a 37% decrease 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 2.27; this is a decrease from last week, and is below the regional baseline of 3.0%.
- **Flu-Associated Pediatric Deaths:** None reported this week. There have been eight flu-associated deaths this season to date.

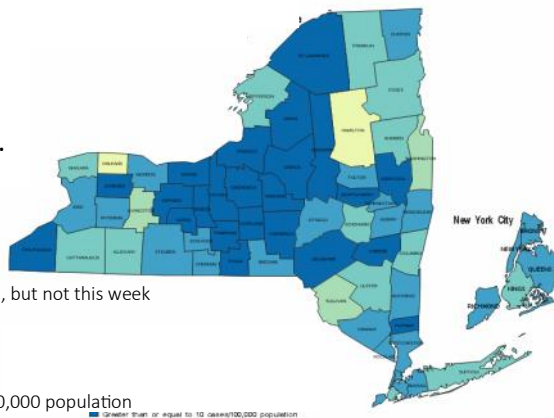
Laboratory Reports of Influenza (including NYC)

Calculated based on lab-confirmed influenza cases per 100,000 population.

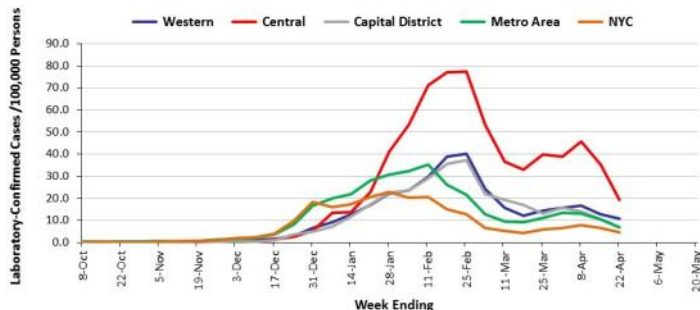
**Incidence ranged from :
0-84.88 cases per 100,000 population.**

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



Incidence of Positive Influenza Laboratory Results Reported by NYSDOH, by Region, 2016-17



United States Flu Activity

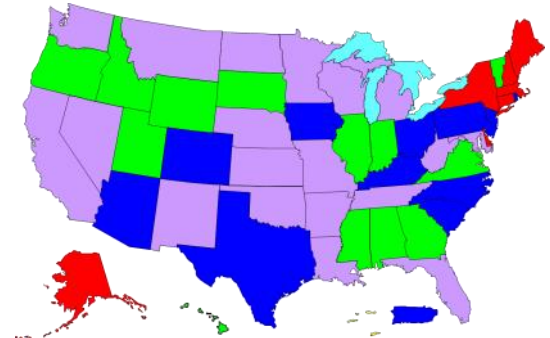
Flu Activity for the week ending 4/22/17 (week 16): **Local**

Flu activity decreased.

Geographic Flu Activity Summary (Fig. 1):

- **Widespread** influenza activity was reported by seven states
- **Regional** influenza activity was reported by Guam, Puerto Rico, and 11 states
- **Local** influenza activity was reported by the District of Columbia and 19 states
- **Sporadic** activity was reported by 13 states
- No influenza activity was reported by the U.S. Virgin Islands.

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



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

Surveillance Summary:

- Four states experienced low ILI activity; New York City, Puerto Rico, and 46 states experienced minimal ILI activity.
- Based on pneumonia and influenza (P&I) mortality data, 6.9% of deaths during week 14 were due to P&I; this is below the epidemic threshold of 7.2% for week 14.
- Outpatient illness visits reported through the U.S. ILI Network was 1.8%, this below the national baseline of 2.2%. Two of 10 U.S. regions reported ILI at or above their region-specific baselines.
- Six flu-associated pediatric deaths were reported. To date, 83 deaths have been reported for the 2016-17 flu season.