

# 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

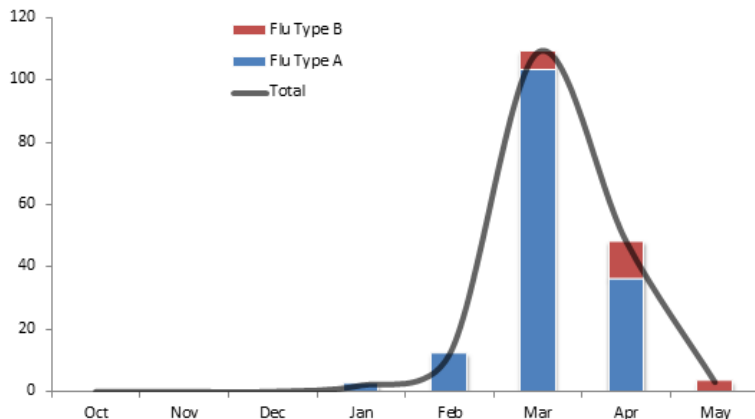
**Madison County Flu Activity (Week 20)**

**Flu Activity for the week ending 5/14/16: No activity**

- Lab-confirmed flu: No flu were reported in week 20. 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\*: Flu and ILI reported
- New York State Hospital Report (HERDS): No reports for week 20. A total of eight flu related hospitalizations have been reported this season.
- Flu-Associated Pediatric Deaths: No reports for week 20. A total of one reported this season to date.



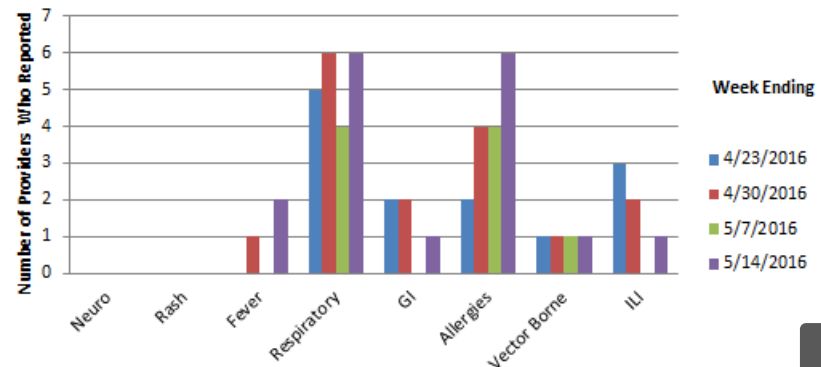
**Flu Cases per Month, by Flu Type**



**Madison County Disease Surveillance Updates, 5/7/16-5/14/16**

- Communicable Diseases Reported to the Health Department: 1 Chlamydia, 1 Campylobacter, 1 Gonorrhea, and 1 Strep pneumoniae was reported
- Primary Care Providers Reported\*: Respiratory illness, tick-bites and vector-borne disease, allergies, bronchitis, gastrointestinal illness, strep throat, sinus infections, influenza-like illness, lice, chronic pulmonary obstructive disease (COPD) exacerbations, and ear aches/infections; also refer to the graph below.
- Hospital Weekly Surveillance\*: Respiratory illness and strep throat was reported
- Syndromic Surveillance in Emergency Departments: *Oneida Healthcare* reported mild to moderate signs for symptoms for rash
- College Health Centers\*: No reports due to summer break
- Medicaid Over-the-Counter (OTC) & Script Medication Alerts—4/22/16 to 5/1/16: No alerts

**Weekly Symptoms Reported Among Primary Care Providers**



\*Information denoted with an asterisk is subjective and provided on a voluntary basis.  
View all past surveillance reports online at [www.healthymadisoncounty.org](http://www.healthymadisoncounty.org)

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

**Week Ending: May 14, 2016**

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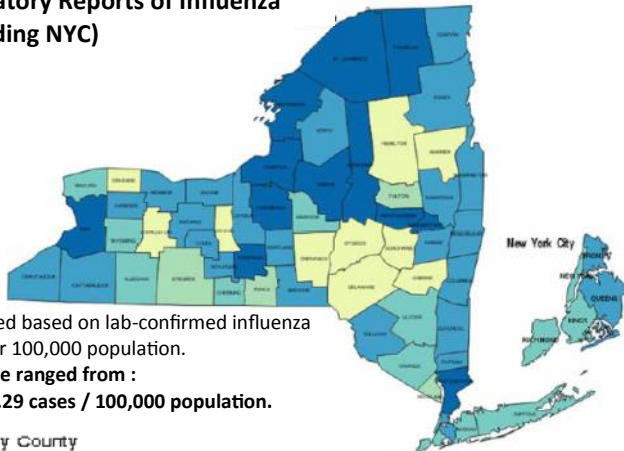
Severe

## New York State Flu Activity

### Flu Activity for the week ending 5/7/16: **Widespread**

- Lab-Confirmed Flu: 1,143 reports, an 29% decrease over last week. Flu was reported in 52 counties.
- Flu-Related Hospitalizations: 155 reports, a 43% 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 0.83%; a decrease from the previous week; this is below the regional baseline of 2.3%.
- Flu-Associated Pediatric Deaths: No report this week. A total of three 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 : 0.00–30.29 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

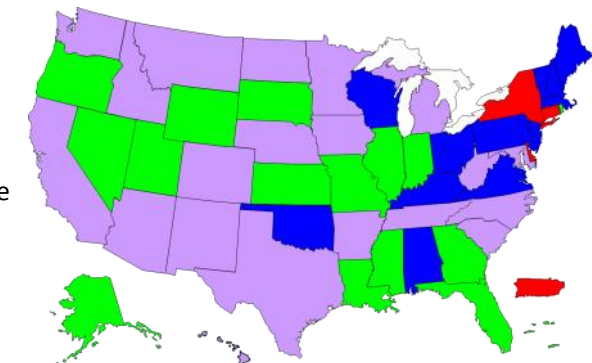
### Flu Activity for the week ending 5/7/16 (week 18): **Local**

Flu activity decreased in the U.S.

#### Geographic Flu Activity Summary:

- **Widespread** influenza activity was reported by Puerto Rico and three states
- **Regional** influenza activity was reported by 12 states
- **Local** influenza activity was reported by the District of Columbia, Guam, and 20 states
- **Sporadic** influenza activity was reported by the U.S. Virgin Islands and 15 states

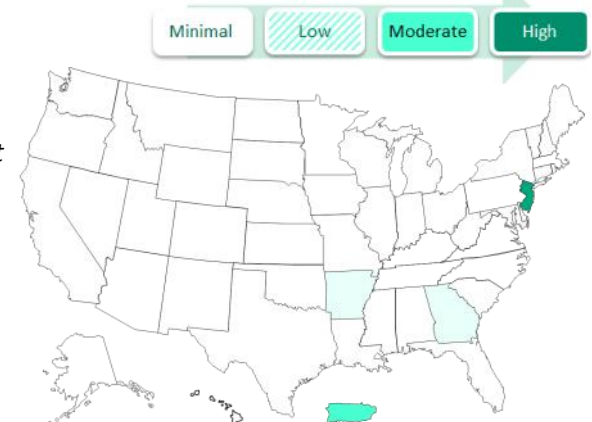
**Figure 1:** Geographic Spread of Influenza as Assessed by State and Territorial Epidemiologists (This figure does not measure the severity of influenza activity.)



#### Surveillance Summary:

- 6.7% of all deaths reported through the 122 Cities Mortality Reporting System were attributed to pneumonia and flu; this is below the epidemic threshold of 6.8% for week 18.
- Outpatient illness visits reported through the U.S. ILI Network was 1.8%, this percentage is below the national baseline of 2.1%. Three of 10 regions in the U.S. reported flu-like illness at or above their region-specific baselines.
- Three flu-associated pediatric deaths were reported during week 18. A total of 67 flu-associated pediatric deaths have been 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/1d3PGtv>

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