

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 22)

Madison County Disease Surveillance Updates, 5/22/16-5/28/16

Flu Activity for the week ending 5/28/16: No activity

- Lab-confirmed flu: No flu were reported in week 22.

The 2015-16 season total to date is: 177 flu (153 flu A and 24 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 reported
- New York State Hospital Report (HERDS): No reports for week 22. A total of eight flu related hospitalizations have been reported this season.
- Flu-Associated Pediatric Deaths: No reports for week 22. A total of one reported this season to date.

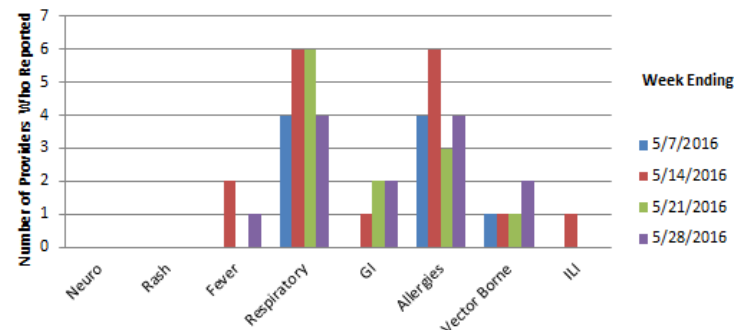
- Communicable Diseases Reported to the Health Department: 2 Chlamydia and 1 Gonorrhea
- Primary Care Providers Reported*: Allergies, bronchitis, cough, ear infections, diarrhea, fever, flu, gastrointestinal illness (GI), pulmonary obstructive disease (COPD) exacerbations, scabbies, sinus infections, strep throat, tick bites (vector-borne), upper respiratory illness (URI); 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: No reports
- College Health Centers*: No reports due to summer break
- Medicaid Over-the-Counter (OTC) & Script Medication Alerts—5/8/16 to 5/17/16: Mild to moderate alert for analgesics-non narcotic and mild alert for penicillinase-resistant antibiotic

Upcoming Immunization Clinics:

June 8 (Wednesday)
9:00 am - 11:00 am *by appointment*—call 366-2631
Madison County Health Department
138 N Court Street, Building 5, Wampsville

Fridays by Appointment
call 366-2361 for times.

Weekly Symptoms Reported Among Primary Care Providers



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

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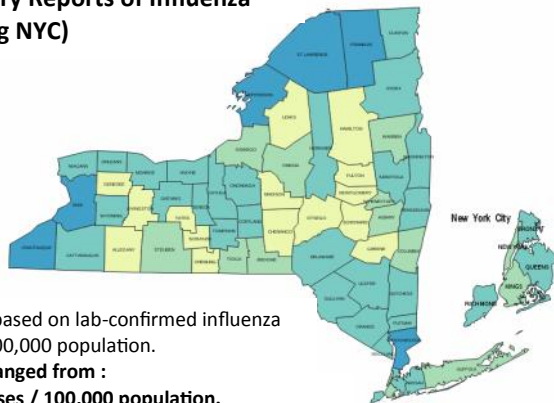
Severe

New York State Flu Activity

Flu Activity for the week ending 5/21/16: **Widespread**

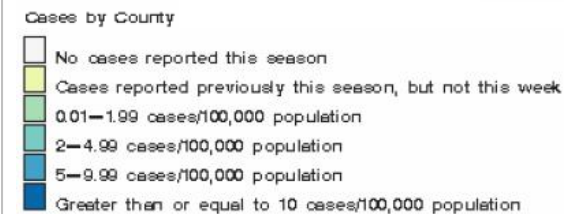
- Lab-Confirmed Flu: 572 reports, a 22% decrease over last week. Flu was reported in 47 counties.
- Flu-Related Hospitalizations: 127 reports, a 30% decrease over last week.
- A select group of providers (“sentinel providers”) across the state (outside of NYC) reported the percentage of office visits due to complaints of flu-like illness (ILI) was 0.62%; a slight increase from the previous week; this is below the regional baseline of 2.3%.
- Flu-Associated Pediatric Deaths: No reports 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 : 0.00–9.8 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

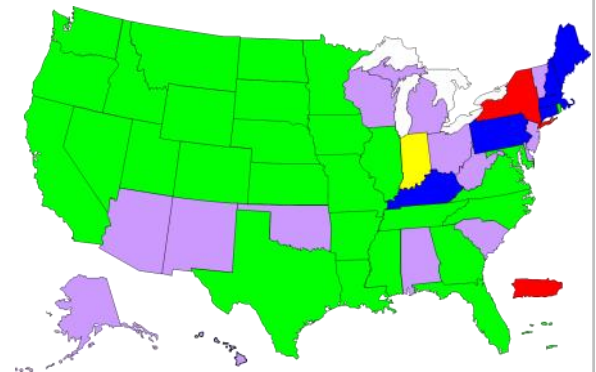
Flu Activity for the week ending 5/21/16 (week 20): **Local**

Flu activity continued to decrease in the U.S.

Geographic Flu Activity Summary:

- Widespread influenza activity was reported by Puerto Rico and New York
- Regional influenza activity was reported by Guam and six states
- Local influenza activity was reported by 14 states
- Sporadic influenza activity was reported by the District of Columbia, the U.S. Virgin Islands, and 28 states
- No activity was reported by one state (Indiana).

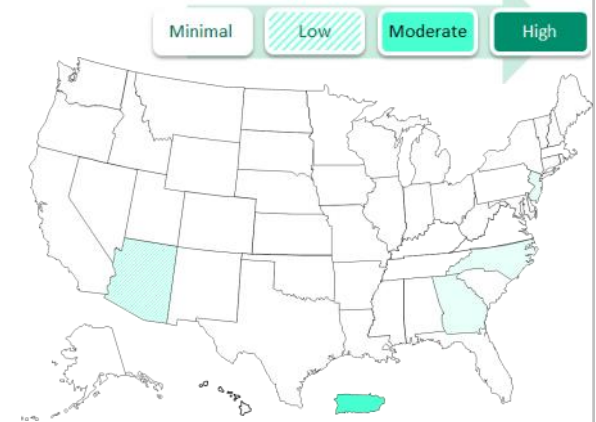
Figure 1: Geographic Spread of Influenza as Assessed by State and Territorial Epidemiologists (This figure does not measure the severity of influenza activity.)



Surveillance Summary:

- 6.0% of all deaths reported through the 122 Cities Mortality Reporting System were attributed to pneumonia and flu; this is below the epidemic threshold of 6.6% for week 20.
- Outpatient illness visits reported through the U.S. ILI Network was 1.3%, this percentage is below the national baseline of 2.1%. All 10 regions in the U.S. reported flu-like illness below their region-specific baselines.
- Two flu-associated pediatric death was reported during week 20. A total of 70 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>