

# Disease Surveillance & Risk Report

No Report

No Activity

**Sporadic**

Local

Regional

Widespread

Severe

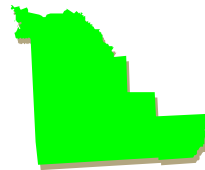
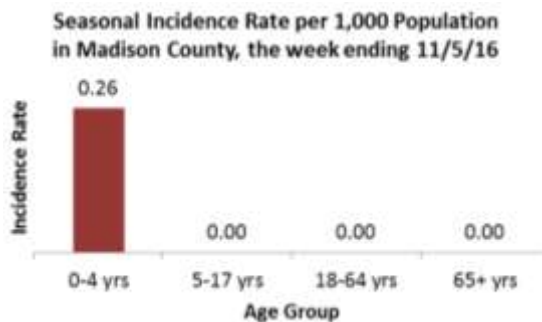
**DEFINITION of Influenza-like or Flu-Like Illness (ILI):**

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 ending 11/5/16**

**Flu Activity for the week ending 11/5/16: Sporadic**

- Lab-confirmed flu: One laboratory confirmed flu case was reported. The season total to date is: 1 flu B

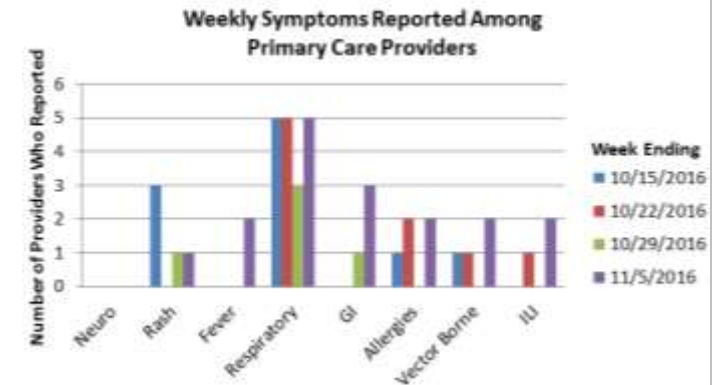


- County workforce\*: Two influenza-like illness (ILI) have been reported this season.
- Schools Districts\*: 0.6% of children seen by school nurses from 13 reporting schools appeared with symptoms of influenza-like illness
- College Health Centers\*: ILI was reported
- Primary Care Providers\*: Flu and ILI was reported
- Hospitals: ILI was reported
- New York State Hospital Report (HERDS): No flu related hospitalizations were reported by hospitals in Madison County this season to date.
- Flu-Associated Pediatric Deaths: No reports season to date.

**Madison County Disease Surveillance Updates, week ending 11/5/16**

- Communicable Diseases Reported to the Health Department: 1 Chlamydia, 2 Lyme disease, and 1 Salmonella were reported

- Primary Care Providers Reported\*: Bronchitis, congestion, coughs, fever, gastrointestinal illness (GI), influenza-like illness (ILI), flu, tick-bites, allergies, sore throats, strep, sinus infections, ear infections, respiratory illness, upper respiratory illness (URI) and exacerbations of chronic obstructive pulmonary disease (COPD) were reported ; see graph above.



- Hospital Weekly Surveillance\*: Fever, GI, coughs, ILI, ticks, respiratory illness, and URI were reported
- Syndromic Surveillance in Emergency Departments: No reported clusters of illness
- College Health Centers\*: Bronchitis, colds, coughs, fever, gastrointestinal illness (GI), ILI, tonsillitis, strep, sore throats, pneumonia, respiratory illness, and URI were reported
- Medicaid Over-the-Counter (OTC) & Script Medication Alerts—10/14/16 to 10/23/16: No alerts

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

# Disease Surveillance & Risk Report

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

**Week Ending: November 5, 2016**

No Report

No Activity

Sporadic

Local

Regional

Widespread

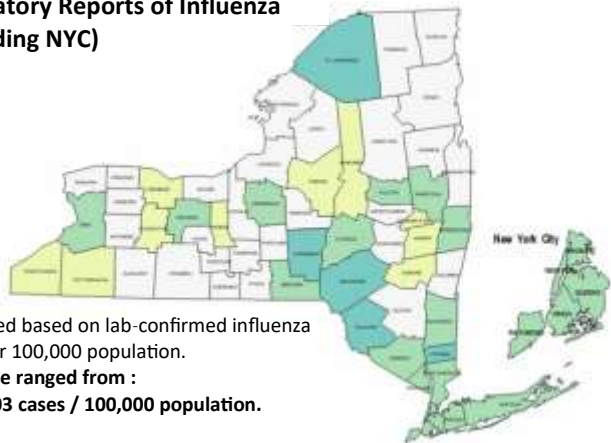
Severe

## New York State Flu Activity

### Flu Activity for the week ending 10/29/16: **Sporadic**

- **Lab-Confirmed Flu:** 50 reports, a 2% *decrease* over last week. Flu was reported in 24 counties.
- **Flu-Related Hospitalizations:** 23 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 0.27%; this is a *slight increase* from last week and is *below* the regional baseline of 2.3%.
- **Flu-Associated Pediatric Deaths:** No report this week. No deaths have been reported this season.

### Laboratory Reports of Influenza (including NYC)



Source: New York State Department of Health. *Influenza Surveillance, Activity and Reports, 2015-16.*  
<http://on.ny.gov/1GTxdpF>

## United States Flu Activity

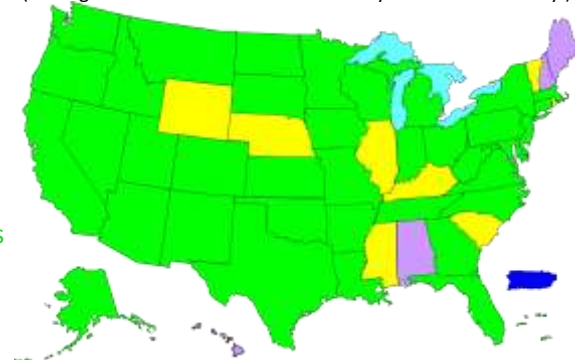
### Flu Activity for the week ending 10/29/16 (week 43): **Sporadic**

Flu activity was low in the U.S.

#### Geographic Flu Activity Summary:

- **Widespread influenza activity was reported by Guam**
- **Regional influenza activity was reported by Puerto Rico**
- **Local influenza activity was reported by three states**
- **Sporadic influenza activity was reported by the District of Columbia, the U.S. Virgin Islands and 39 states**
- No activity was reported by eight 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:

- ILI activity was high for Puerto Rico and minimal for NYC and all 50 states.
- 5.6% of all deaths reported through the National Center for Health Statistics mortality surveillance data occurring during week 41 ending 10/15, were attributed to pneumonia and flu as of Nov. 2; this is *below* the week 41 epidemic threshold of 6.5%.
- Outpatient illness visits reported through the U.S. ILI Network was 1.3%, this percentage is *below* the national baseline of 2.2%. All 10 regions in the U.S. reported flu-like illness *below* their region-specific baselines.
- No 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>