

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 11/12/16

Flu Activity for the week ending 11/12/16: No activity

- Lab-confirmed flu: No reports this week. The season total to date is: 1 flu B
- County workforce*: One influenza-like illness (ILI) was reported
- 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*: No flu or ILI reported
- Hospitals: No flu or ILI 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.



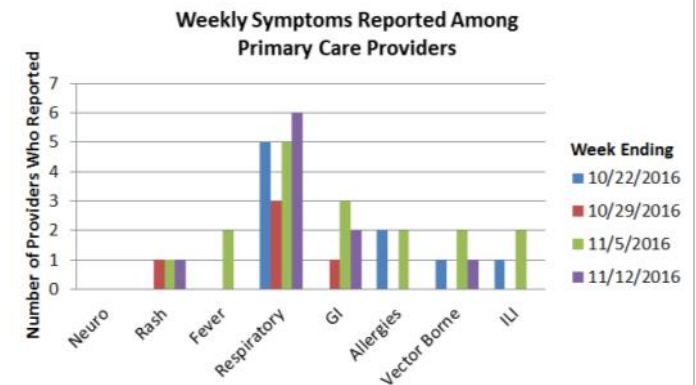
Madison County Disease Surveillance Updates, week ending 11/12/16

Communicable Diseases Reported to the Health Department:

1 Chlamydia, 1 chronic Hepatitis C, and 1 Syphilis

Primary Care Providers Reported*:

Respiratory illness, upper respiratory illness (URI), bronchitis, rash, gastrointestinal illness (GI), coughs, congestion, tick-bites, strep throat, sore throats, sinus infections, ear infections, pneumonia, and exacerbations of chronic obstructive pulmonary disease (COPD) were reported ; also refer to graph



Hospital Weekly Surveillance*:

Reports of fever, respiratory illness, GI, strep, pneumonia, and COPD

Syndromic Surveillance in Emergency Departments:

No reported clusters of illness

College Health Centers*:

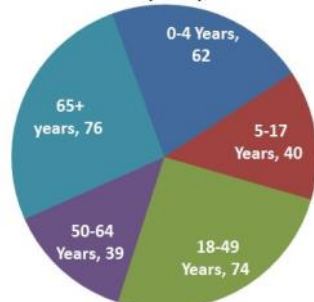
Sinusitis, URI, shingles, ILI, fevers, tonsillitis, strep, bronchitis, rashes, respiratory illness, and ILI were reported

Medicaid Over-the-Counter (OTC) & Script Medication Alerts—10/21 - 10/30:

A mild sensitivity for Penicillinase-Resistant antibiotics was reported

Across New York State, the majority of flu reports to date have been among those age groups 65 years and older. These results may change as the flu season progresses.

Positive Influenza Laboratory Results reported to NYSDOH, By Age Group, 2016-17 Season (N=292)



* The totals by age groups exclude 1 case for which age was not reported.

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

View all past surveillance reports online at www.healthymadisoncounty.org

Disease Surveillance & Risk Report

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

Week Ending: November 12, 2016

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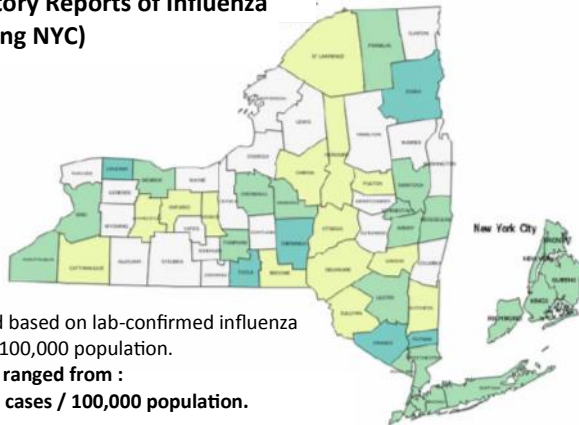
Severe

New York State Flu Activity

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

- **Lab-Confirmed Flu:** 94 reports, a 96% increase over last week. Flu was reported in 27 counties.
- **Flu-Related Hospitalizations:** 28 reports, a 12% increase 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 0.51%; this is a 12% increase from last week and is below the regional baseline of 3%.
- **Flu-Associated Pediatric Deaths:** No report this week. No 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 :
0.00–4.04 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 11/5/16 (week 44): **Sporadic**

Flu activity was low in the U.S.

Geographic Flu Activity Summary:

- Regional influenza activity was reported by Guam, Puerto Rico, and one state
- Local influenza activity was reported by six states
- Sporadic influenza activity was reported by the the District of Columbia, U.S. Virgin Islands and eight 39
- Four states reported no activity

Surveillance Summary:

- ILI activity was moderate for Puerto Rico, low in one state and minimal for NYC and 49 states.
- 5.6% of all deaths reported through the National Center for Health Statistics mortality surveillance data occurring during week 42 ending 10/22, were attributed to pneumonia and flu as of Nov. 9; this is below the week 42 epidemic threshold of 6.6%.
- Outpatient illness visits reported through the U.S. ILI Network was 1.4%, 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.

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

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

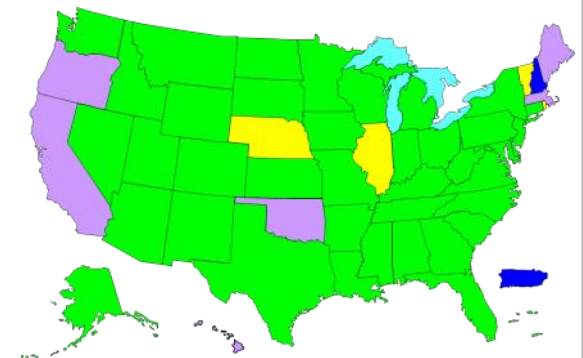
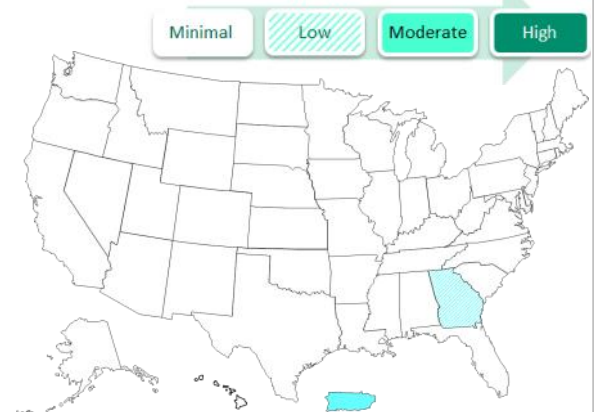


Figure 2: ILI Activity from ILINet Data



ILI Net Data based on percent of outpatient visits in states due to ILI, more on Fig. 2 at: <http://1.usa.gov/1d3PGtv>