

# Disease Surveillance & Risk Report

No Report

No Activity

Sporadic

Local

Regional

Widespread

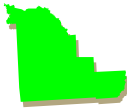
Severe

**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 19)**

- Flu Activity for the week ending 5/7/16: Sporadic**
- Lab-confirmed flu: 3 Flu Type B were reported in week 19. The (updated) season total to date is: 174 flu (153 flu A and 21 flu B). *Weekly incidence: 4.1 flu cases per 100,000 population*
  - County workforce\*: No influenza-like illness (ILI) was reported
  - College Health Centers\*: Flu was reported
  - Primary Care Providers\*: No flu or ILI reported
  - New York State Hospital Report (HERDS): No reports for week 19. A total of eight flu related hospitalizations have been reported this season.
  - Flu-Associated Pediatric Deaths: No reports for week 19. A total of one reported this season to date.



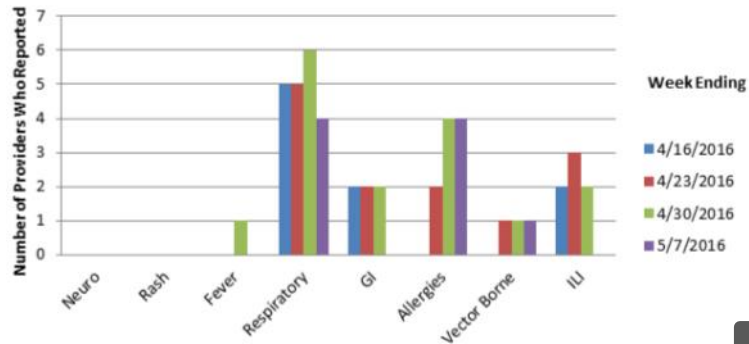
**Madison County Disease Surveillance Updates, 4/24/16-4/30/16**

- Communicable Diseases Reported to the Health Department: 3 Chlamydia, 3 Cryptosporidiosis, and 1 Gonorrhea was reported
- Primary Care Providers Reported\*: Respiratory illness, tick-bites and vector-borne disease, allergies, bronchitis, strep throat, sinus infections was reported; also refer to the graph below.
- Hospital Weekly Surveillance\*: Respiratory illness, strep throat, gastrointestinal illness, and respiratory syncytial virus (RSV) was reported
- Syndromic Surveillance in Emergency Departments: No reported clusters of illness
- College Health Centers\*: Respiratory illness, strep throat, flu, pink eye (conjunctivitis), mononucleosis, and ear infections was reported
- Medicaid Over-the-Counter (OTC) & Script Medication Alerts—4/15/16 to 4/24/16: No alerts

**HEALTH ADVISORY: 4/26/16-National shortage of Bicillin L-A (penicillin G benzathine suspension), for treatment for syphilis and the only treatment option for pregnant women infected with or exposed to syphilis.**

- CDC 2015 STD Treatment Guidelines outline recommended syphilis regimens and alternative regimens with close serologic and clinical follow up.
- **Bicillin L-A use should be prioritized for treatment of syphilis especially in pregnant women infected with or exposed to syphilis.**
- Call the NYS Clinical Education Initiative’s STD Center of Excellence at 866-637-2342 for expert medical consultation on diagnosis, treatment and management of syphilis.

**Weekly Symptoms Reported Among Primary Care Providers**



\*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: May 7, 2016**

No Report

No Activity

Sporadic

Local

Regional

Widespread

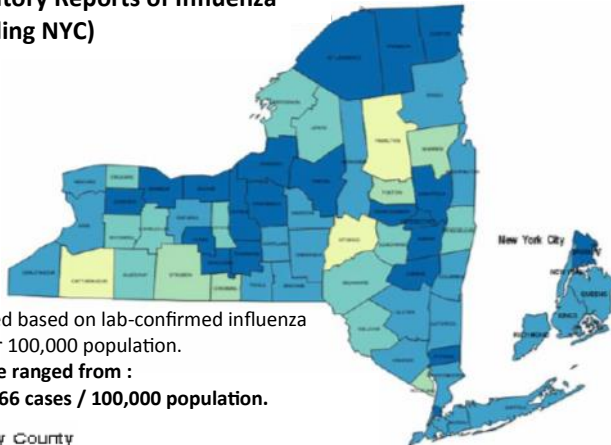
Severe

## New York State Flu Activity

### Flu Activity for the week ending 4/30/16: **Widespread**

- Lab-Confirmed Flu: 1,605 reports, an 20% decrease over last week. Flu was reported in 59 counties.
- Flu-Related Hospitalizations: 267 reports, a 20% 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 1.36%; a slight increase from the previous week but 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 : 0.00–43.66 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 4/30/16 (week 17): **Regional**

Flu activity decreased in the U.S.

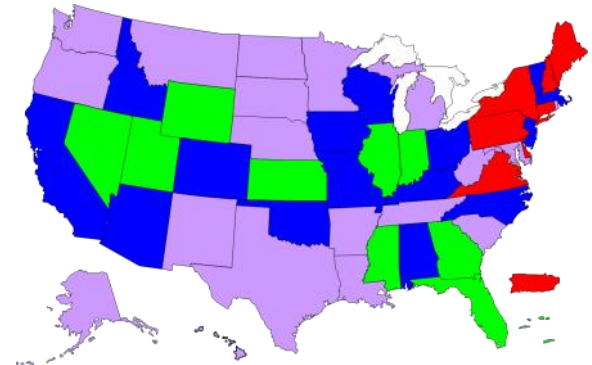
#### Geographic Flu Activity Summary:

- **Widespread** influenza activity was reported by Guam, Puerto Rico, and 7 states
- **Regional** influenza activity was reported by 15 states
- **Local** influenza activity was reported by the District of Columbia and 17 states
- **Sporadic** influenza activity was reported by the U.S. Virgin Islands and 11 states

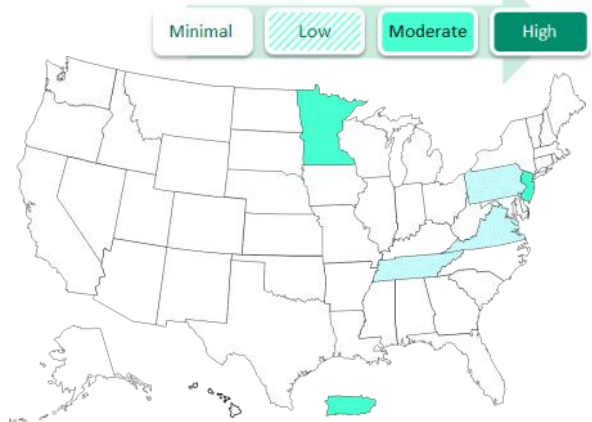
#### Surveillance Summary:

- 6.8% of all deaths reported through the 122 Cities Mortality Reporting System were attributed to pneumonia and flu; this is below the epidemic threshold of 6.9% for week 17.
- 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.
- Four flu-associated pediatric deaths were reported during week 17. A total of 64 flu-associated pediatric deaths have been reported this season to date.

**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>

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