

Human and Zoonotic Disease Surveillance Report

PET RABIES VACCINATION CLINICS

Available free of charge to Madison County residents.
A voluntary \$5.00 donation per pet is requested to help defray clinic costs.



The clinic schedule is online at: healthymadisoncounty.org/events/

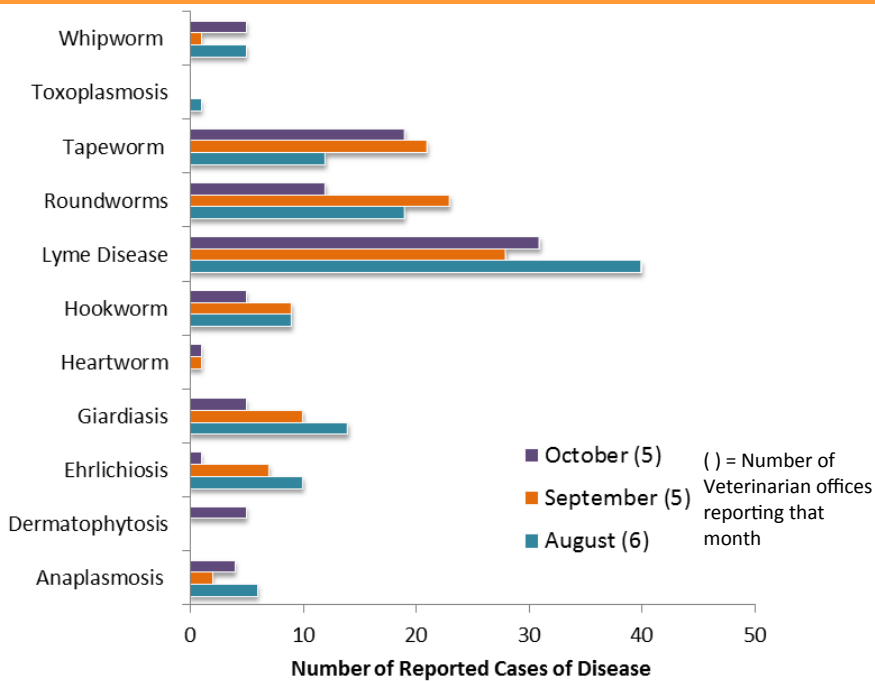
DECEMBER Last clinic until **March 2018!**

2 Oneida Vets Memorial Field 9:00am-11:30am
Saturday 260 North Main Street



Schedule of Flu Vaccination Clinics
online at www.healthymadisoncounty.org

Local Veterinarian Reports: Monthly Diseases in Animals



NOVEMBER 2017

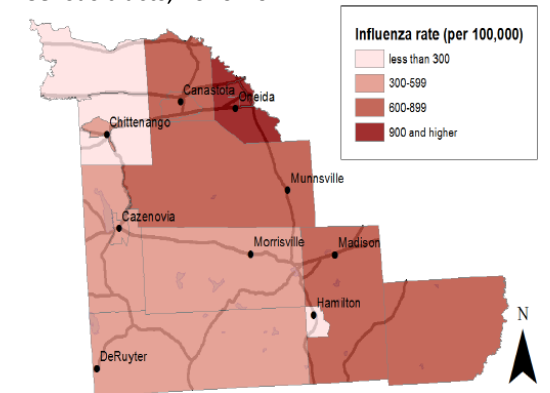
Laboratory Confirmed Rabies in Animals by Township, 10/1/17-10/31/17

Township	Animal Specimen Submitted	Number of Persons Exposures	Result	RPEP Provided or Pet Quarantined?
Lenox	Cat	1 exposed	Negative	Not required
Cazenovia	Cat	3 exposed	Negative	Not required
Total Rabies Positive or Untestable Animals in 2017 to date: 2 raccoons				
Total Specimens Submitted for Rabies Testing in 2017 to date: 35 (18 Bats, 2 Cows, 4 Domestic Cat, 5 Feral Cats, 2 Dogs, 1 Horse, and 3 raccoons				
*RPEP = Rabies Post-Exposure Prophylaxis				

2016-2017 Flu Season Report for Madison County

- There were **481** total confirmed influenza cases during the 2016–2017 season; a **72%** increase from the average of the previous 4 seasons
- The most reported flu cases occurred among individuals **5-17 years old**
- The highest rates of flu were concentrated in the **Oneida** area
- 3 out of every 4** reported flu cases did not get a flu shot

Figure 1: Map of Flu Cases (Incidence) per 100,000 population among Madison County Census tracts, 2016-2017



FALL TICK ALERT: Check for Ticks Daily After Going Outdoors

During the last two weeks in October, 4 out of 5 healthcare provider office in Madison County reported seeing patients with tick bites after having been outside.

Pets that are both inside and outside may bring ticks into a home. Check your pet and furniture they spend time on for ticks!

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Flu Surveillance: Madison County, New York State, and United States

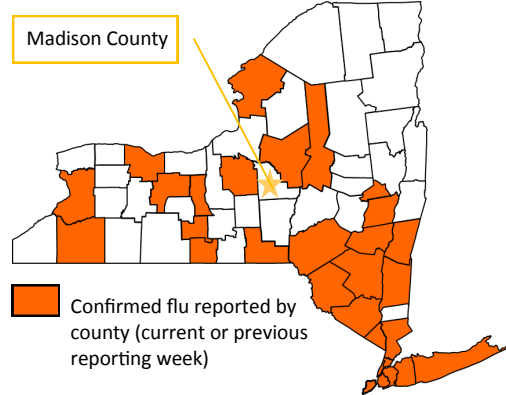
No Report | No Activity | Sporadic | Local | Regional | Widespread

MADISON COUNTY — No flu activity

- No flu reported in October

NEW YORK STATE — Sporadic flu activity

- 20 counties reported at least one laboratory confirmed flu case through the week ending 10/21/17
- Flu incidence ranged from 0-5.75 cases/100,000 population



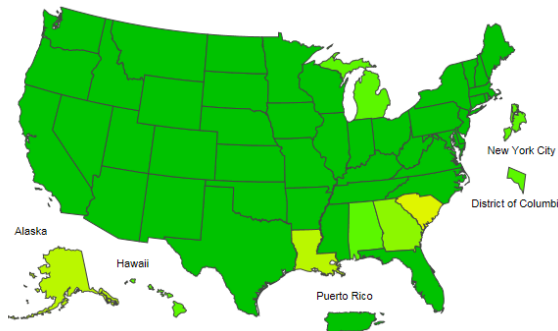
UNITED STATES — Sporadic flu activity

- During the week ending 10/21/17, flu activity was low in the US. Guam reported geographic regional flu activity; Puerto Rico & three states reported local activity; 33 states & the District of Columbia reported sporadic activity; five states reported no flu activity; and the U.S. Virgin Islands did not report
- One pediatric flu death was reported
- The proportion of outpatient visits for ILI was 1.3%, this is below the national baseline of 2.2%
- All 10 regionals reported ILI below region-specific baseline levels
- The proportion of deaths attributed to pneumonia and flu was below the epidemic threshold for week 40, ending Oct. 7th

ILI Activity Level



U.S. Influenza-Like Illness (ILI) Activity Level Indicator. Determined by Data Reported to the ILI Net 2017-18 Flu Season Week 42 ending 10/21/17



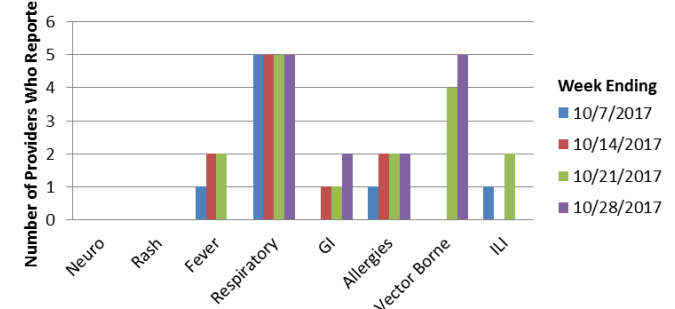
Madison County Disease Surveillance Updates, 10/1/17-10/28/17

Bolded items were reported for at least 3 out of 4 reporting weeks.

Communicable Diseases Reported to the Health Department:
12 Chlamydia, 3 Lyme disease, 1 Campylobacter, 1 Gonorrhea, 3 chronic Hepatitis C

Primary Care Providers Reported*: **allergies**, bronchitis, chronic obstructive pulmonary disease (COPD) exacerbations, **coughs, fever, gastrointestinal illness (GI)**, influenza-like illness (ILI), lice, pink eye, **respiratory infections, sinus infections/sinusitis, sore throat, strep**, tick bites, **upper respiratory infections (URI)**

Weekly Symptoms Reported Among Primary Care Providers



Hospital Weekly Surveillance*: bronchitis, **fever, GI, ILI**, rashes, **respiratory illness, strep, and URI**

Colleges*: allergies, bronchitis, colds, **fever, GI, ILI, mono**, pink eye, rash, **respiratory, strep**, tick bites, scabies, sore throat and **URI**

Syndromic Surveillance in Emergency Departments: 9/30 - 10/9 mild to moderate sensitivity for fevers was reported

Medicaid Over-the-Counter (OTC) & Script Medication Alerts: the week ending: 9/17-9/26 mild/moderate sensitivity for cough/cold/allergy; 9/24-10/3 mild/moderate sensitivity for fluoroquinolones, and penicillinase-resistant antibiotics; 9/30-10/9 mild/moderate sensitivity for fluoroquinolones; and 10/8-10/17 mild sensitivity for 3rd and 4th generation cephalosporin, macrolide antibiotics and mild/moderate sensitivity for cough/cold/allergy medications

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