

Influenza

SURVEILLANCE REPORT

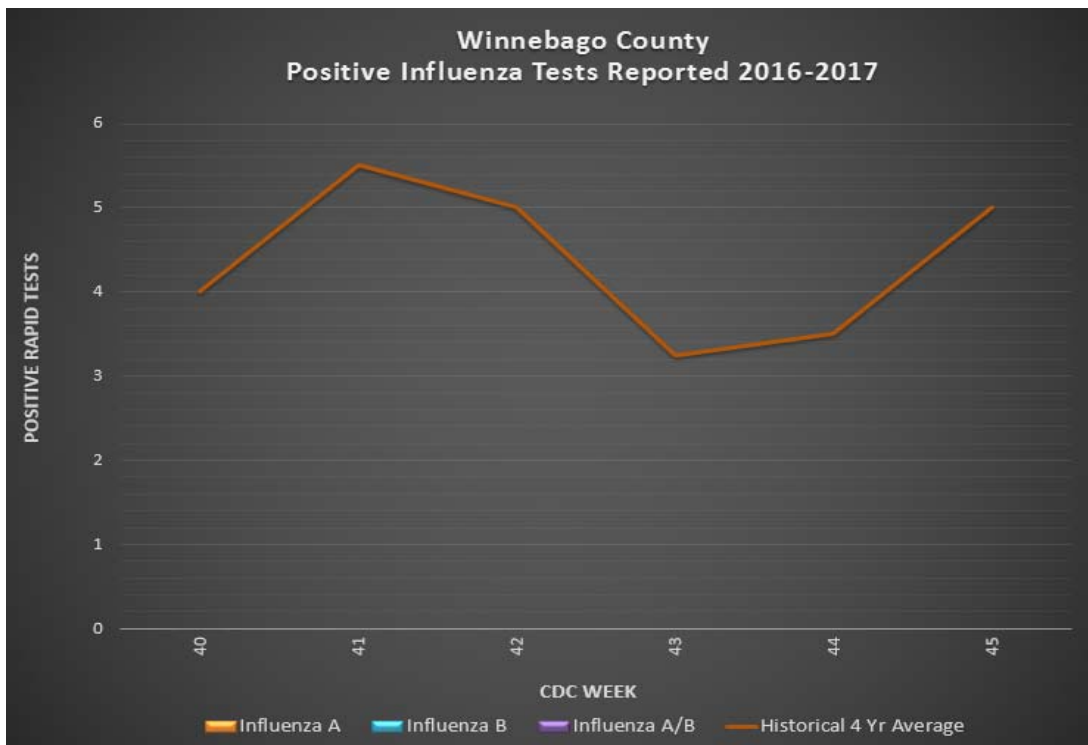
CDC Week 40: Week Ending Saturday, October 8, 2016

Vaccination is the best way to protect against influenza infection.
All Winnebago County residents aged six months and older should be vaccinated annually.

Weekly Influenza Activity Summary: Week 40 begins the annual influenza season for 2016-2017. This first week's surveillance activities report no influenza activity in the County. Influenza surveillance for Winnebago County involves the weekly collection of data from surveillance partners who are hospitals, physicians, clinics, long term care (LTC) facilities and laboratories. Thank you to all of the surveillance partners for their help in collecting this information.

The Health Department recommends the promotion of the **three C's** in helping prevent the spread of influenza in our community in addition to the flu vaccine:

- ✓ **CLEAN** - Wash your hands
- ✓ **COVER** - Cover your cough and sneeze
- ✓ **CONTAIN** - Contain your germs, stay home if you are sick



← Figure 1: Illustrates the total number of cases reported during the current Influenza Surveillance Period. The four year historical average for the County is noted by the orange line on the graph.

Influenza Surveillance Data

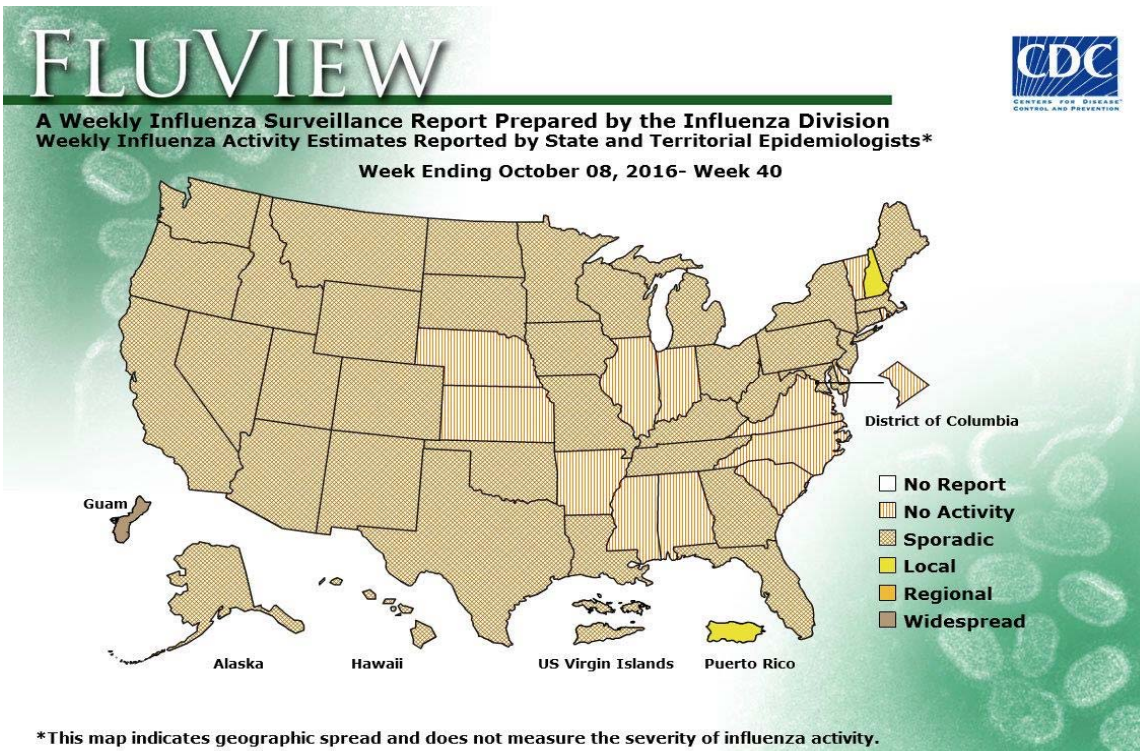
Geographic, Outbreaks, Admissions, Flu View

Geographic Breakdown of Positive Influenza Tests in the County: The Health Department uses surveillance data to monitor positive influenza tests through out the County by zip codes. The table will be updated as positive influenza tests are reported .

| Total Number of Flu Cases Reported in Current CDC Week By Zip Code | | | |
|--|-------------|-------------|---------------|
| Zip Code | Influenza A | Influenza B | Influenza A&B |
| | | | |
| | | | |
| | | | |
| | | | |
| Totals for the Week | 0 | 0 | 0 |

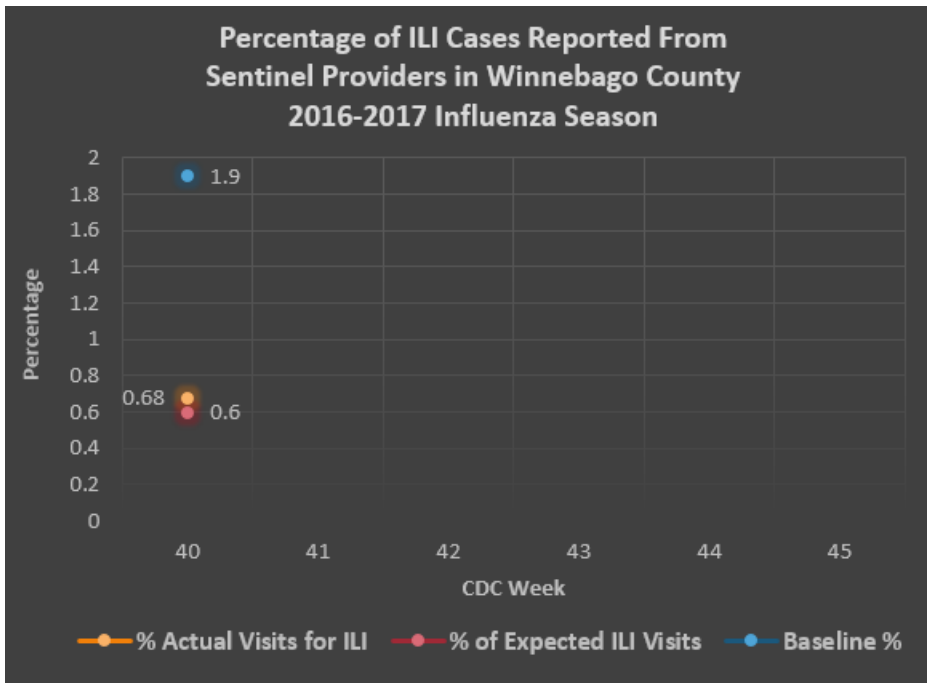
Influenza Outbreak Activity in Long Term Care Facility: The Health Department uses surveillance data to monitor influenza outbreaks in long term care facilities as part of the community's current activity with influenza. An outbreak is defined as two or more cases of ILI occurring within 72 hours among residents of a facility. No outbreaks were reported during this week.

| CDC Week Number | Outbreak Record # | Number of Residents with ILI Symptoms | Influenza Tests Completed | Number of Positive Tests | Vaccination Rate of Residents Tested | Number of Staff with ILI Symptoms |
|-----------------|-------------------|---------------------------------------|---------------------------|--------------------------|--------------------------------------|-----------------------------------|
| | | | | | | |



← Figure 2: Illustrates the national weekly influenza activity for the reporting week.

Influenza Like Illness¹ (ILI) Reported on a Local and State Levels

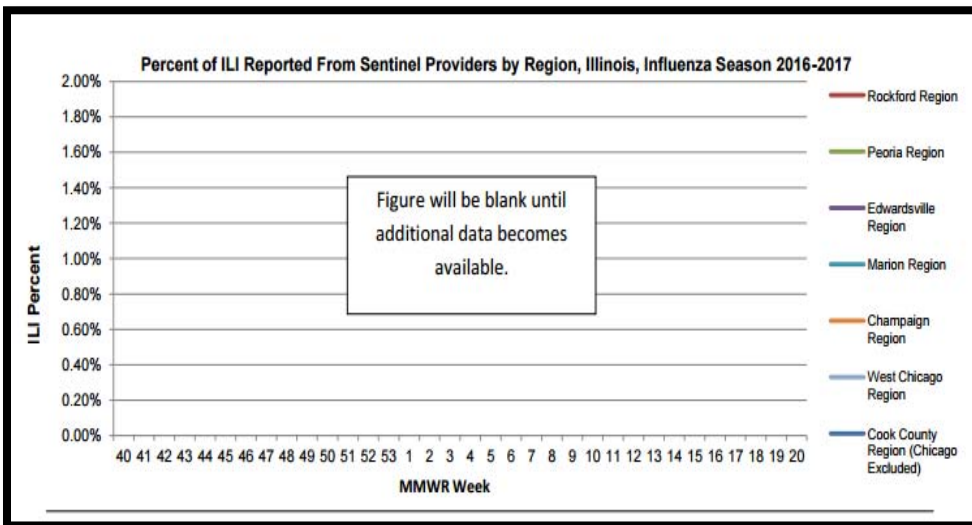


← Figure 3: Illustrates the percentage emergency room visits with a complaint of ILI reported during the surveillance week compared to the expected percentage and the baseline percentage

Table 1 ↓: Illustrates the actual number of emergency room visits with a complaint of ILI reported during each surveillance week compared to the expected number of ILI complaints.

| CDC Week | Actual Number | Expected Number |
|---------------------|---------------|-----------------|
| 40 | 19 | 10 |
| 41 | | |
| 42 | | |
| 43 | | |
| 44 | | |
| 45 | | |
| SEASON TOTAL | 19 | 10 |

The "Flu Krew":



← Figure 4: Illustrates the percentage emergency room visits with a complaint of ILI reported during the surveillance week across the State of Illinois

¹ ILI "Influenza like Illness" is defined as fever \geq 100°F and cough and/or sore throat.

For more information, contact WCHD at 815-720-4050, or visit our website at: www.wchd.org. Like us: [facebook.com/Winnebago County Health Department](https://www.facebook.com/WinnebagoCountyHealthDepartment). Follow us: twitter.com/Winncohealth. Or contact us at: Winnebago County Health Department 401 Division Street, PO Box 4009, Rockford, Illinois 61110