

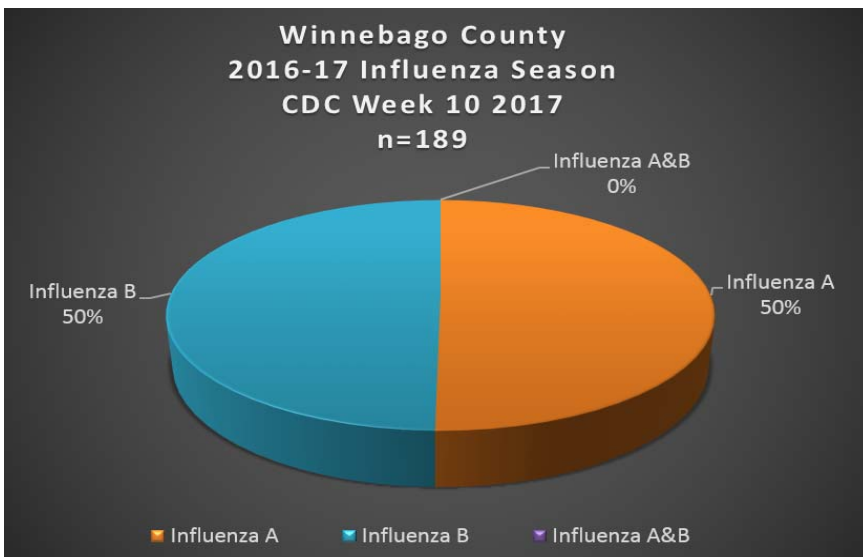
Influenza

SURVEILLANCE REPORT

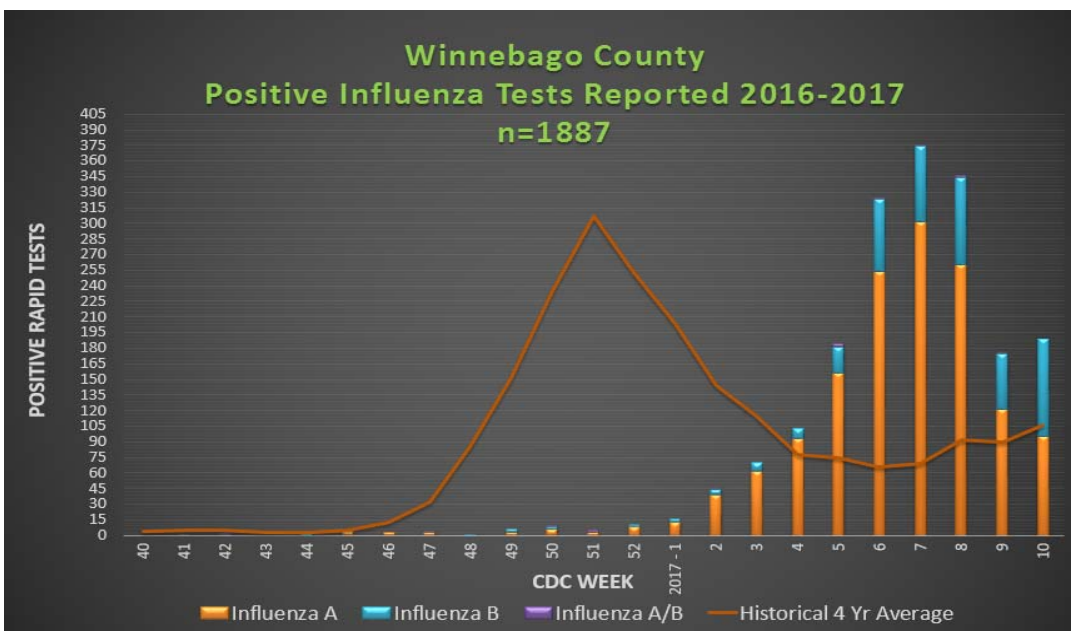
CDC Week 10: Week Ending Saturday, March 11th, 2017

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: This week's surveillance activities reports 189 cases of influenza in the County as detailed in this report. Influenza surveillance for Winnebago County involves the weekly collection of data from surveillance partners including 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.



Total Number of Influenza Cases for the Reporting Week By Age Distribution			
Age Range	Influenza A	Influenza B	Influenza A&B
0-4	11	25	0
5-17	25	35	0
18-64	51	31	0
65+	8	3	0
TOTALS	95	94	0

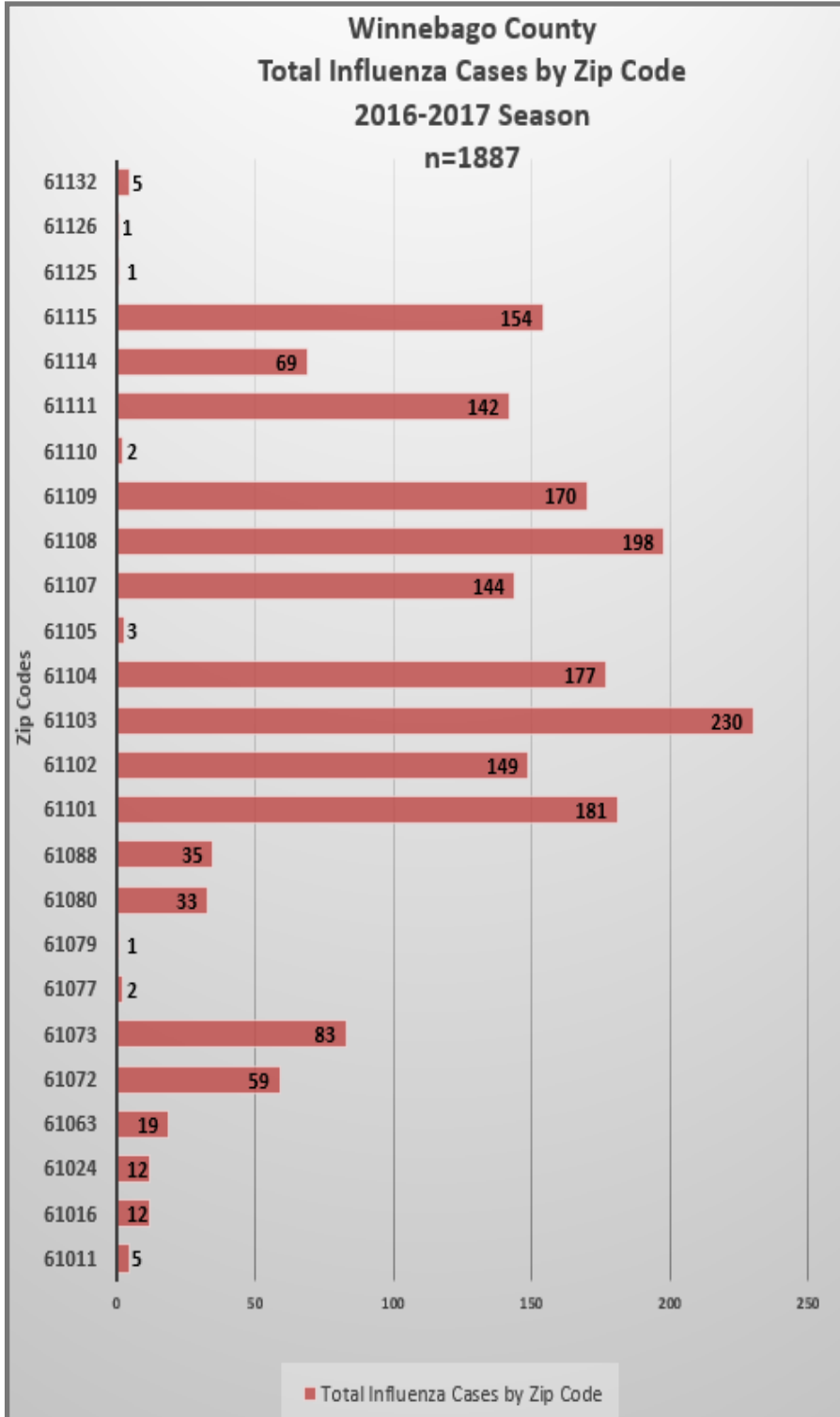


← Figure 1: Illustrates the total number of cases reported during the current Influenza Surveillance Period. The four year historical average for the County is noted by the orange line on the graph.

Note: Additional cases of influenza were reported during the current week whose results were not previously reported in prior weeks.

Influenza Surveillance Data Geographic Breakdown

Geographic Breakdown of Positive Influenza Tests in the County: The Health Department uses surveillance data to monitor positive influenza tests throughout the County by zip codes.



Total Number of Influenza Cases for the Reporting Week 10 By Zip Code			
Zip Code	Influenza A	Influenza B	Influenza A&B
61024	1	0	0
61063	0	1	0
61072	3	3	0
61073	2	2	0
61080	1	4	0
61101	13	17	0
61102	7	3	0
61103	10	14	0
61104	6	3	0
61105	1	0	0
61107	5	7	0
61108	10	3	0
61109	1	10	0
61111	17	8	0
61114	4	5	0
61115	14	13	0
61125	0	1	0
Totals for the Week	95	94	0

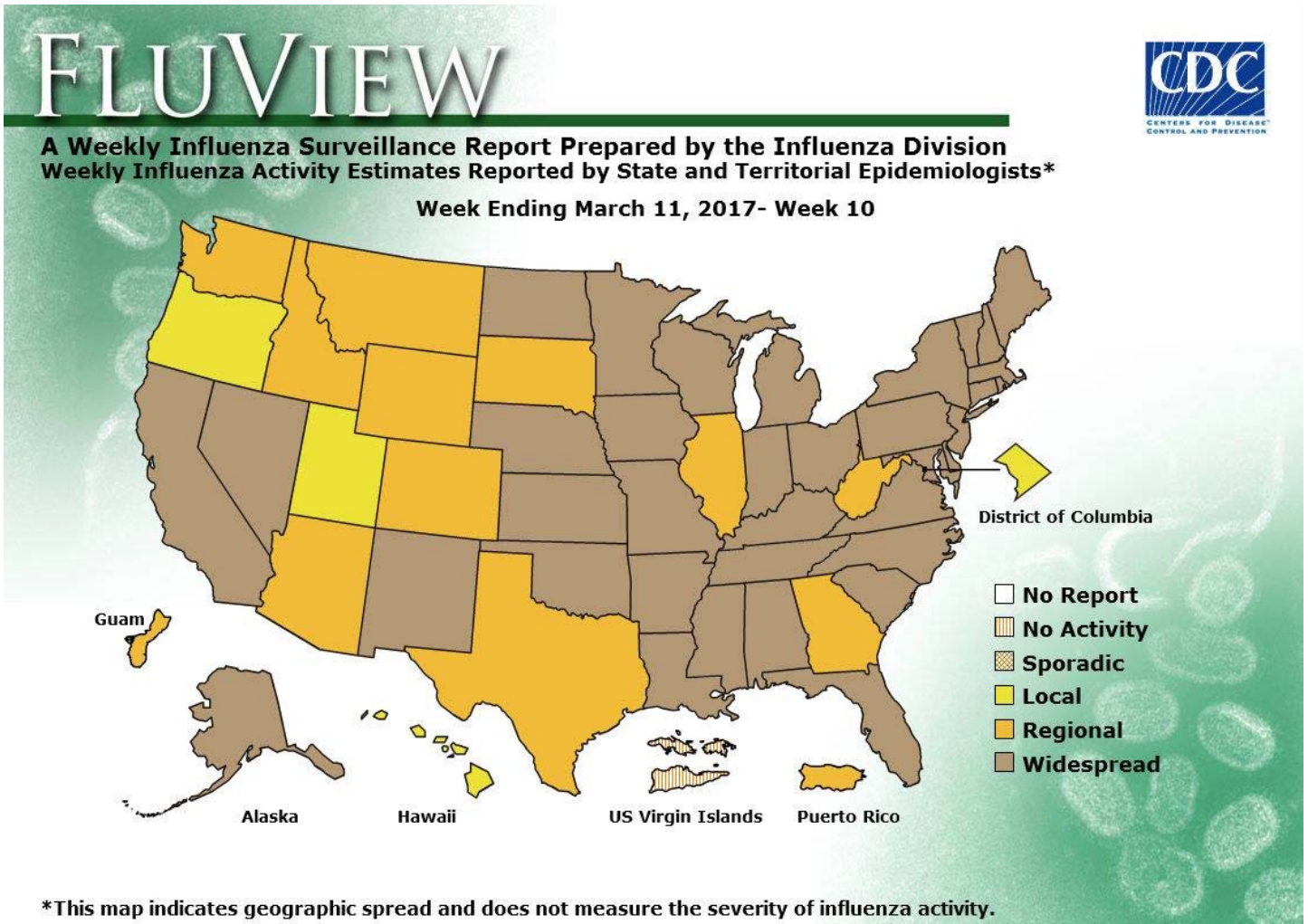
Influenza Surveillance Data LTC Outbreaks & Flu View

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. **There are no outbreaks reported for this week.**

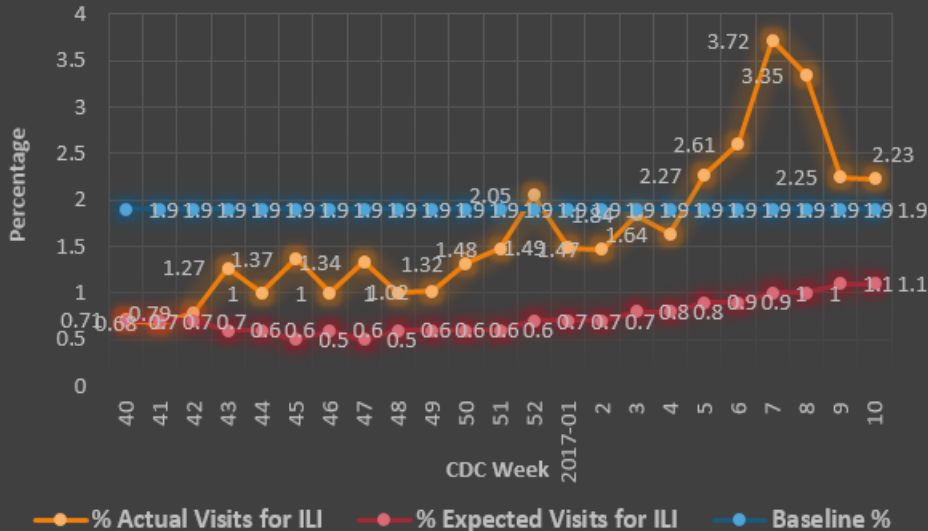
CDC Week Number	Outbreak Record #	Number of Residents with ILI Symptoms	Influenza Tests Completed	Number of Positive Tests	Vaccination Rate of Residents Tested	Number of Staff with ILI Symptoms
10	0	0	0	0	0	0

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



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

Percentage of ILI Cases Reported From Sentinel Providers in Winnebago County 2016-2017 Influenza Season



← 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 for ILI.

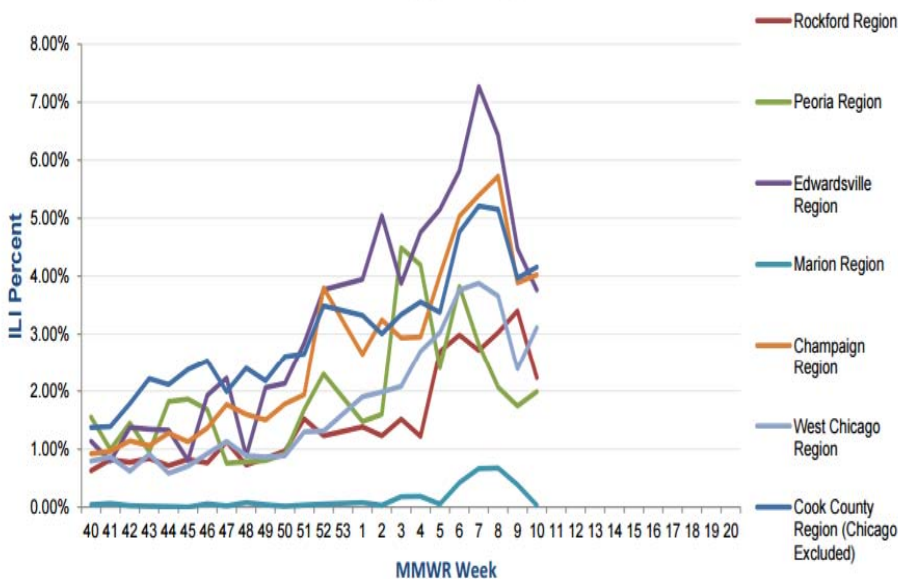
Table 1 ↓: Illustrates the actual number of emergency room visits with a complaint of ILI reported during each surveillance week compared to the expected number of ILI complaints.

Actual Number of ILI Cases Reported in Winnebago County 2016-2017 Influenza Season

CDC Week	Actual Number	Expected Number
2017- 02	41	20.3
03	55	21.7
04	43	22.7
05	52	23.9
06	55	25.4
07	59	26.8
08	55	28.3
09	26	29.9
10	60	34.6
SEASON TOTAL	891	469.8

Regional Sentinel Reports

Percent of ILI Reported From Sentinel Providers by Region, Illinois, Influenza Season 2016-2017



← 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 $\geq 100^{\circ}\text{F}$ 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://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.