Winnebago County
Health Department
555 N. Court St. / Rockford, IL 61103
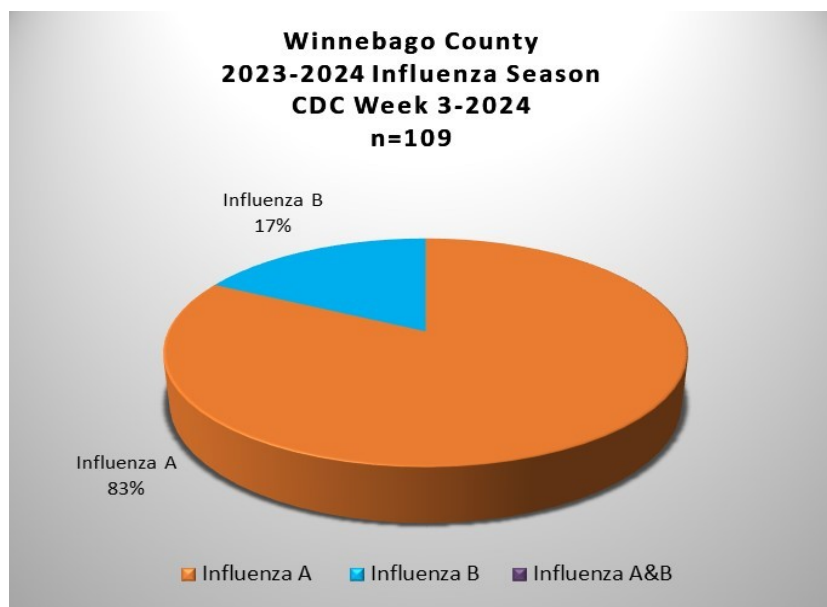(815) 720.4050
publichealth.wincoil.gov

Influenza
REPORT

CDC Week 3: Week Ending Saturday, January 20, 2024

Vaccination is the best way to protect against influenza infection.
All Winnebago County residents aged six months and older should be vaccinated annually.
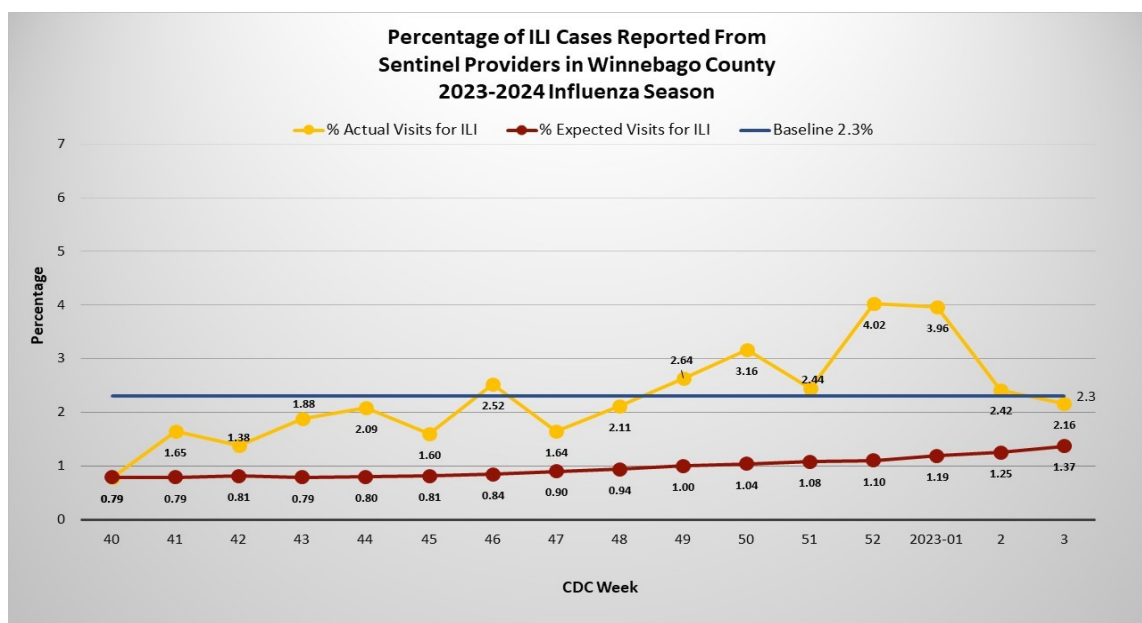
Weekly Influenza Activity Summary: This week's surveillance activities shows **109** cases of influenza in Winnebago County as detailed in this report. Influenza surveillance for the County involves the weekly collection of data from our partners including hospitals, physicians, clinics, long term care (LTC) facilities and laboratories.

**Winnebago County
2023-2024 Influenza Season
CDC Week 3-2024
n=109**

Influenza B
17%

Influenza A
83%

☐ Influenza A   ☐ Influenza B   ☐ Influenza A&B

Total Number of Influenza Cases for the Reporting Week By Age Distribution

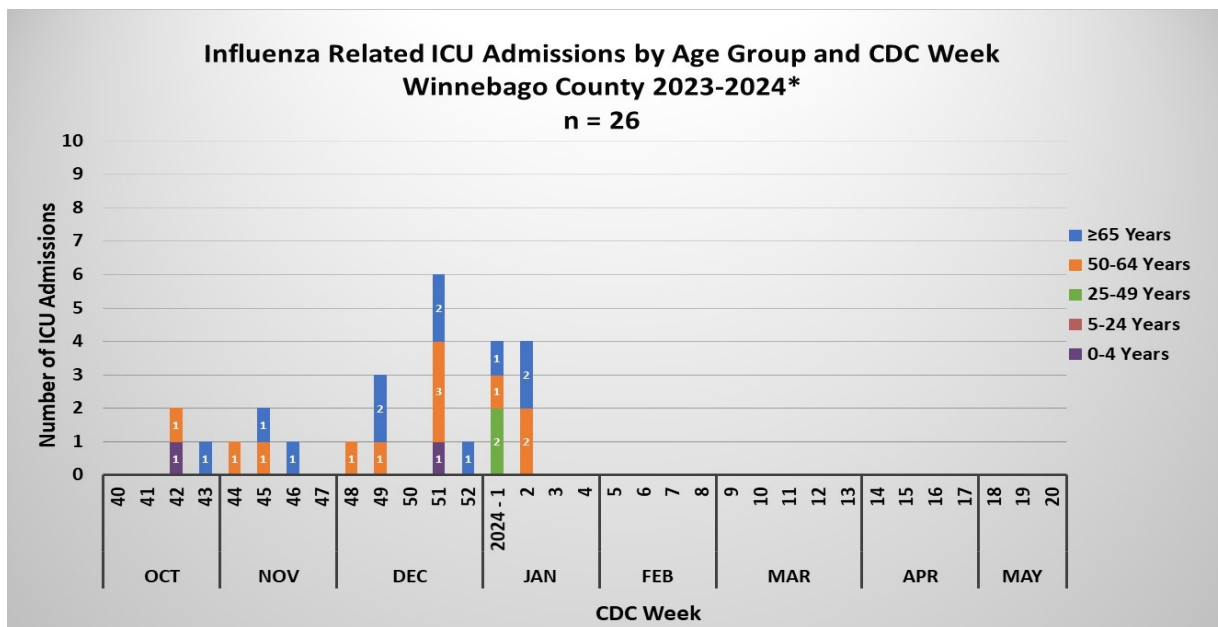| Age Range	Influenza A	Influenza B	Influenza A&B
0-4	17	4	0
5-17	52	11	0
18-64	9	4	0
65+	12	0	0
TOTALS	90	19	0

Figure 1: →
Illustrates the percentage of emergency department visits with a complaint of ILI reported during the surveillance week compared to the expected percentage and the baseline percentage for ILI.

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

Percentage of ILI Cases Reported From Sentinel Providers in Winnebago County 2023-2024 Influenza Season

── % Actual Visits for ILI   ── % Expected Visits for ILI   ── Baseline 2.3%

% Actual Visits for ILI (CDC Week): 1.65, 1.38, 1.88, 2.09, 1.60, 2.52, 1.64, 2.11, 2.64, 3.16, 2.44, 4.02, 3.96, 2.42, 2.3

% Expected Visits for ILI (CDC Week): 0.79, 0.79, 0.81, 0.79, 0.80, 0.81, 0.84, 0.90, 0.94, 1.00, 1.04, 1.08, 1.10, 1.19, 1.25, 1.37, 2.16

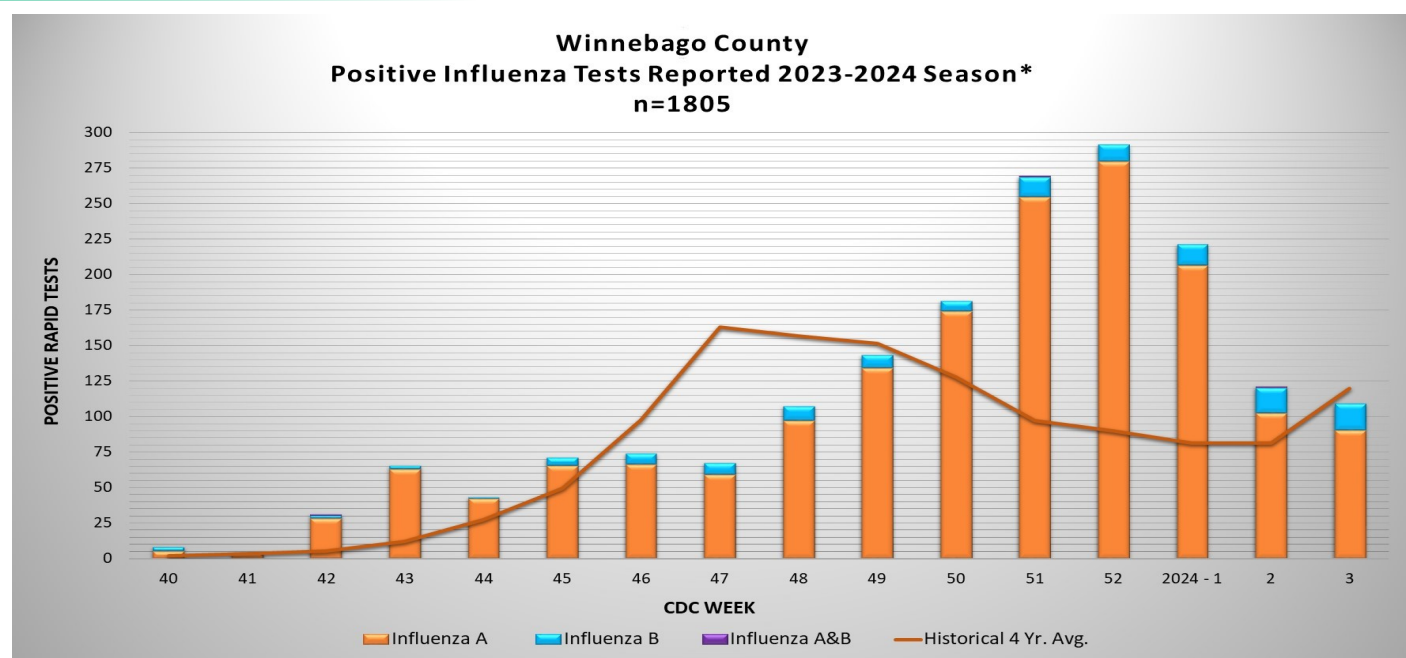CDC Week: 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 2023-01, 2, 3

Influenza-associated Intensive Care Unit (ICU) Admissions:

Figure 2: →

Illustrates the total number of ICU admissions reported during the current Influenza surveillance period.

Influenza Outbreak Activity in Long Term Care (LTC) Facilities: The Health Department uses surveillance data to monitor influenza outbreaks in LTC 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 LTC Influenza outbreaks were reported during week 3.

↑ Figure 3: Illustrates the total number of flu 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.
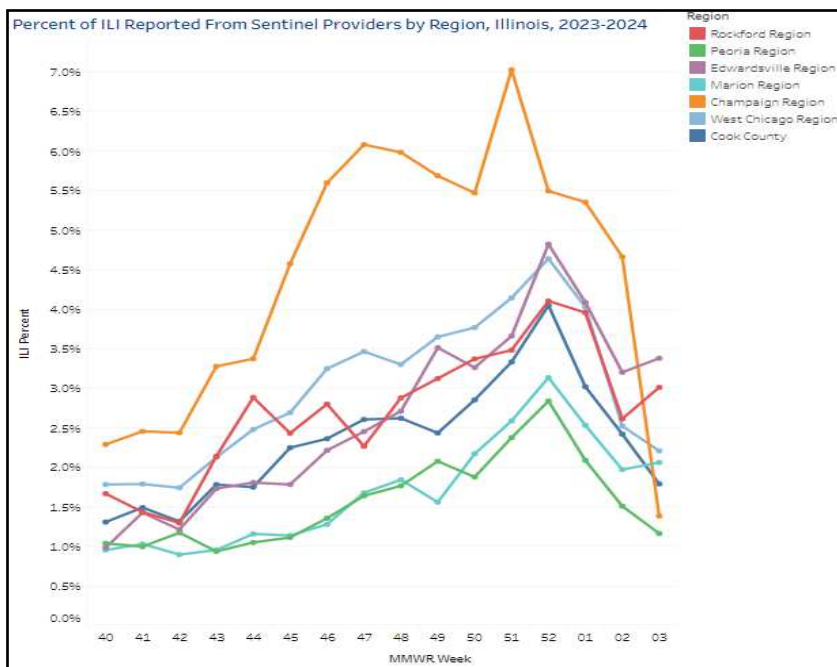
*Note: All data in this report are provisional and may change as additional reports are received.

Influenza Like Illness[1] (ILI) Reported on a State Level and National Influenza Activity

Table 1 ↓: Illustrates the actual number of emergency department visits with a complaint of ILI reported during each surveillance week compared to the expected number of ILI complaints.
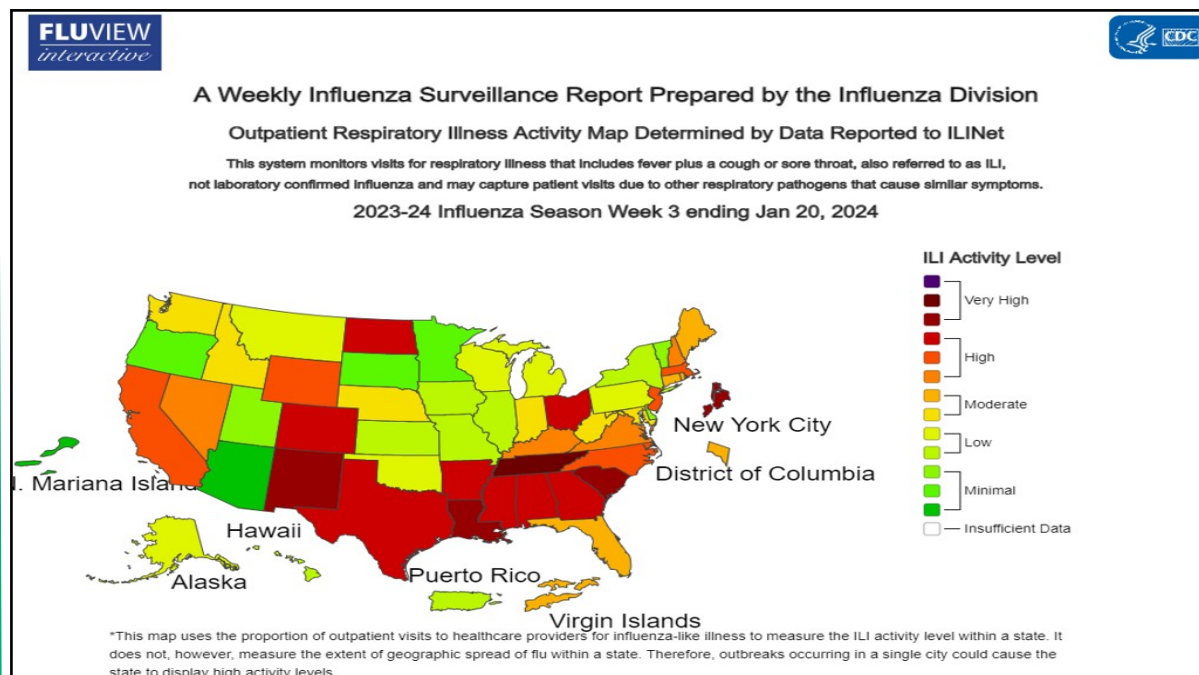
Actual Number of ILI Cases Reported in Winnebago County 2023-2024 Influenza Season		
CDC Week	**Actual Number**	**Expected Number**
50	78	25
51	60	27
52	103	27
1	97	30
2	51	31
3	39	34
SEASON TOTAL	**890**	**377**

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

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

← Figure 5: Illustrates the national weekly influenza like illness activity for the reporting week.

Practice and promote the three C's in helping prevent the spread of influenza in our community:

CLEAN - Wash your hands

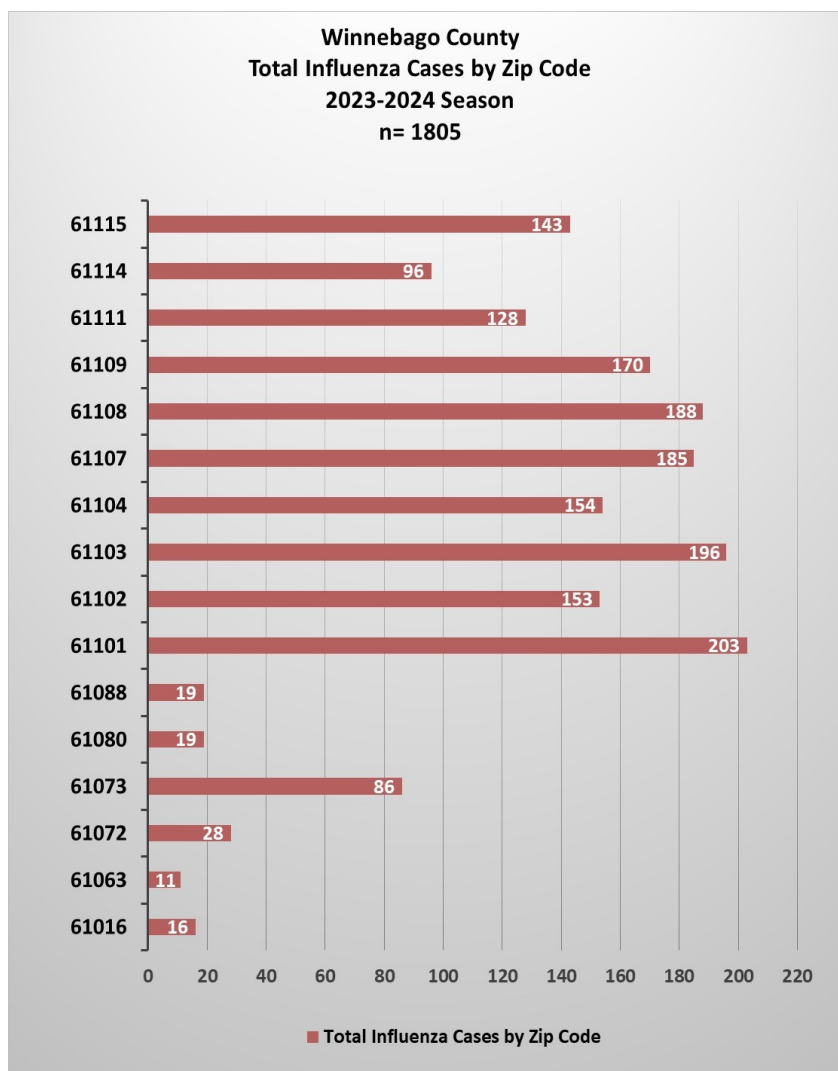**COVER** - Cover your cough and sneeze

CONTAIN - Contain your germs, stay home if you are sick

Influenza Geographic Surveillance Data

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.

Zip Code**	Influenza A	Influenza B	Influenza A&B
Total Number of Influenza Cases for			
61073	5	3	0
61101	11	1	0
61102	7	0	0
61103	11	3	0
61104	12	3	0
61107	9	2	0
61108	4	1	0
61109	8	3	0
61111	4	1	0
61115	12	0	0
	7	2	0
Totals for the Week	90	19	0

Winnebago County
Total Influenza Cases by Zip Code
2023-2024 Season
n= 1805

Zip Code	Total Influenza Cases by Zip Code
61115	143
61114	96
61111	128
61109	170
61108	188
61107	185
61104	154
61103	196
61102	153
61101	203
61088	19
61080	19
61073	86
61072	28
61063	11
61016	16

Total Influenza Cases by Zip Code

**Due to confidentiality concerns, when the total case count is under 5 in a zip code, the count is not reported by zip code.

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