

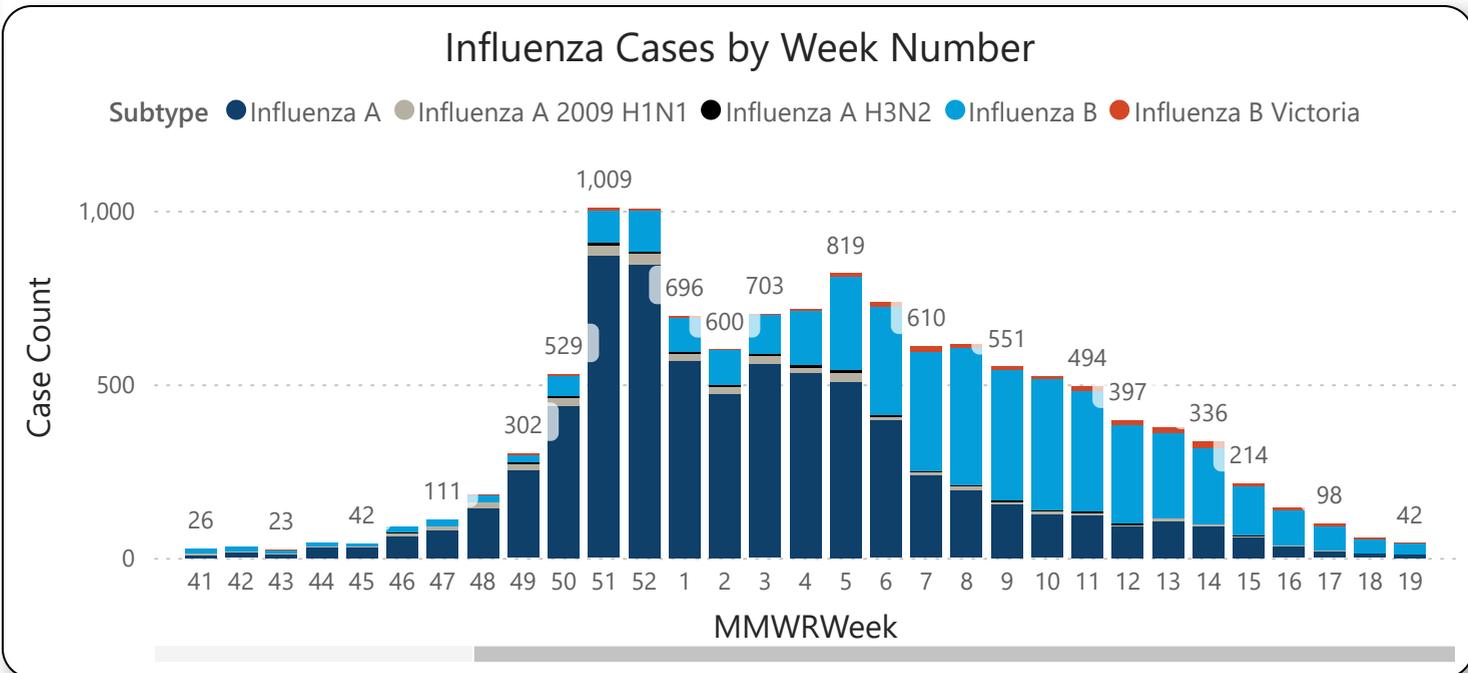
Influenza activity in North Dakota continues a steady decline from the previous week. Outpatient influenza-like illness remains above the baseline for the region as aggregate laboratory positivity for respiratory viruses trends downward from the previous week.

Beginning January 1st, 2024, NDHHS updated its reportable conditions list and influenza is now reportable via electronic laboratory report (ELR) only. More information detailing this change can be found on our NDHHS website [here](#).

Everyday preventative actions, including frequent handwashing and covering coughs/sneezes, are easy and effective methods at reducing the spread of influenza and other respiratory diseases this fall. For more information regarding these and more, visit ndflu.com.

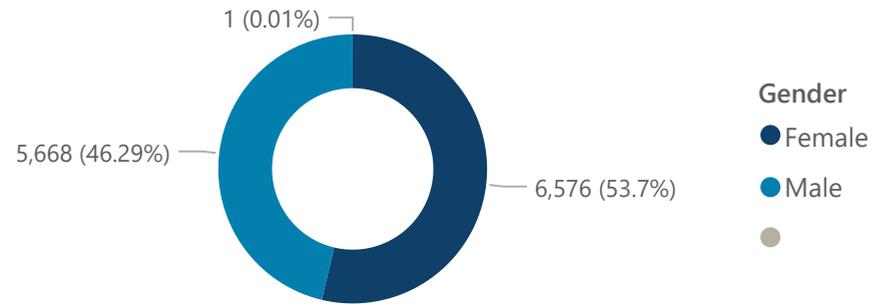
| Subtype | Cases in Previous Week | Total for Season |
|-----------------------|------------------------|------------------|
| Influenza A | 10 | 7,149 |
| Influenza A 2009 H1N1 | 1 | 331 |
| Influenza A H3N2 | 0 | 107 |
| Influenza B | 30 | 4,471 |
| Influenza B Victoria | 1 | 187 |
| Total | 42 | 12,245 |

| | Last Week | Season Total |
|-----------------------------------------------|-----------|--------------|
| New Influenza Cases: | 42 | 12,245 |
| Outpatient Visits for Influenza-like Illness: | 3.35% | 4.77% |
| Laboratory Specimens Positive for Influenza: | 1.60% | 15.52% |
| Percentage of Students Absent from School: | 15.16% | 1.48% |
| New Hospitalizations due to Influenza: | 3 | 479 |
| New Deaths due to Influenza: | 1 | 42 |

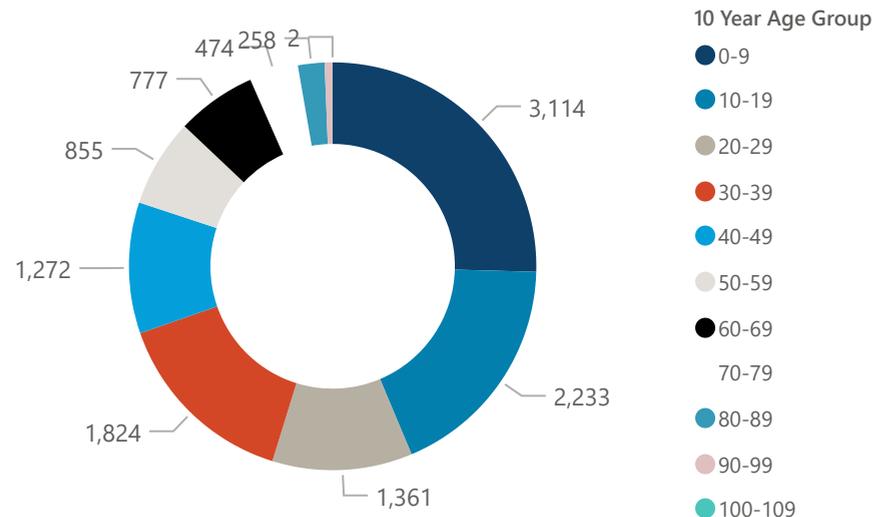


Laboratory-confirmed influenza is a reportable disease in North Dakota. Influenza "cases" include people that have tested positive for influenza in a healthcare setting. It does not include people with influenza who did not seek healthcare, or were diagnosed without a lab test, which is common. The true number of people in North Dakota is underrepresented, but case data allows us where influenza is circulating and in what populations. It also provides context regarding how the current season compares with previous seasons. Find more information about cases on ndflu.com.

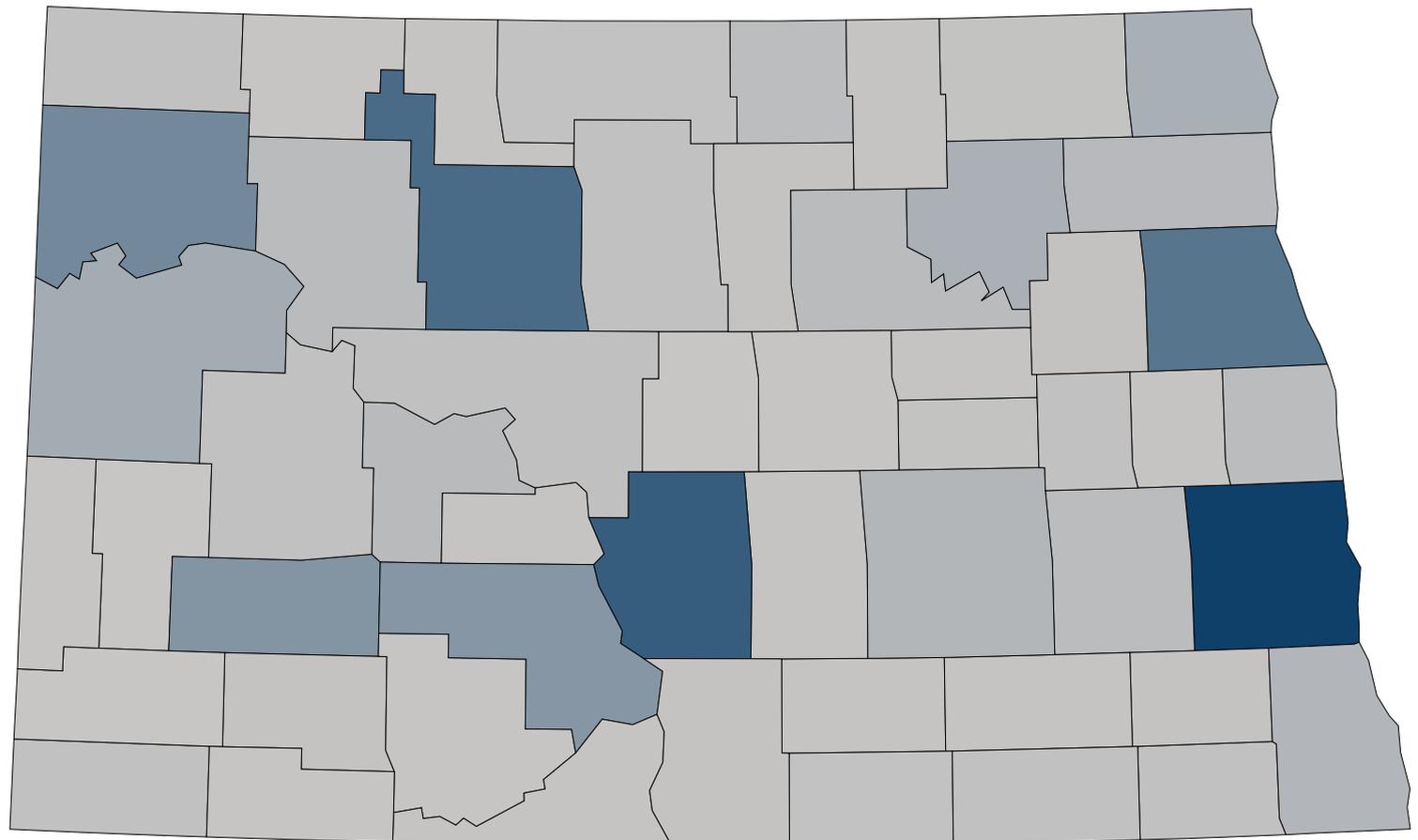
Influenza Cases by Gender



Influenza Cases by Age Group



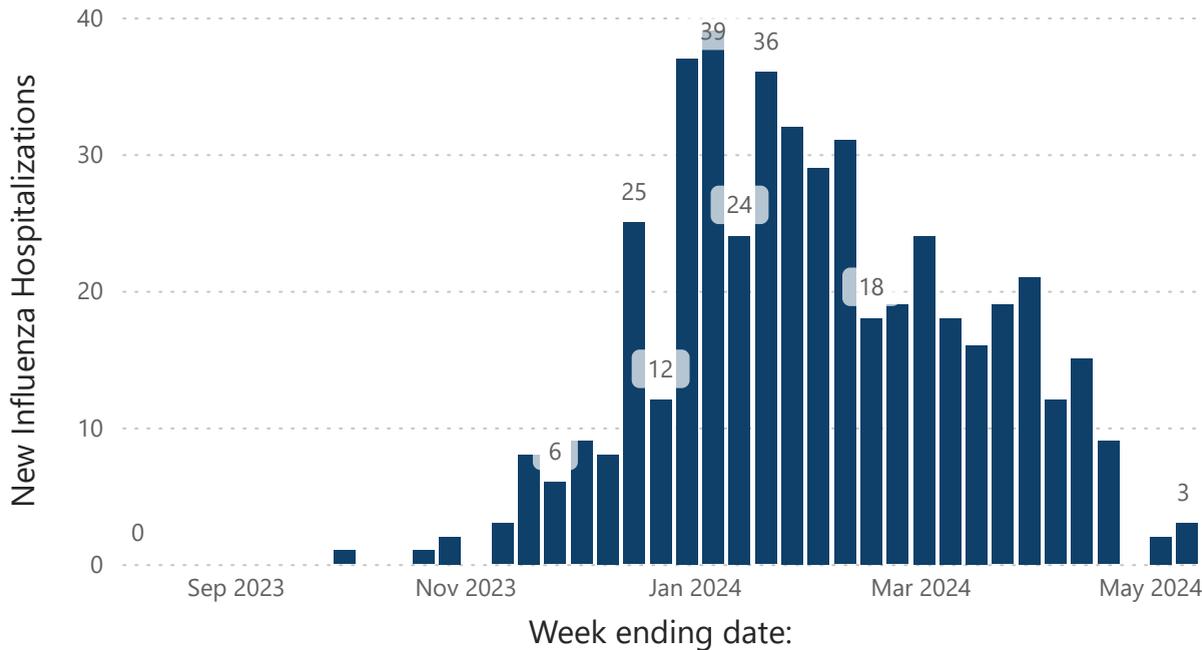
Total Influenza Cases by County



Influenza Hospitalization information is collected via daily aggregated reports to NDHHS. Because this surveillance methodology is new this year, hospitalization numbers this year may not be comparable to previous years.

Influenza Death information is obtained from Vital Records, and is based on the listed cause of death on the individuals death certificate. For more information about the seasonal death estimates, [click here](#).

New Influenza Hospitalizations by Date



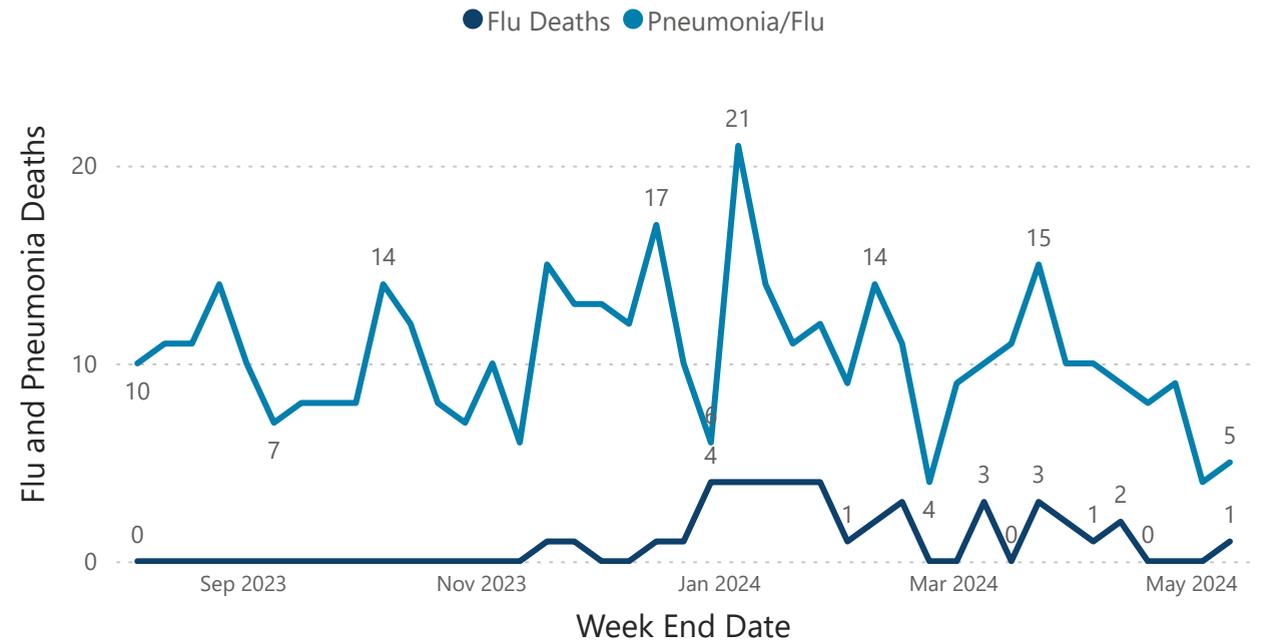
3

New Weekly Hospitalizations

479

Total Hospitalizations for Season

Influenza and Pneumonia Deaths by Date



42

Flu Deaths

426

Pneumonia/Flu Deaths

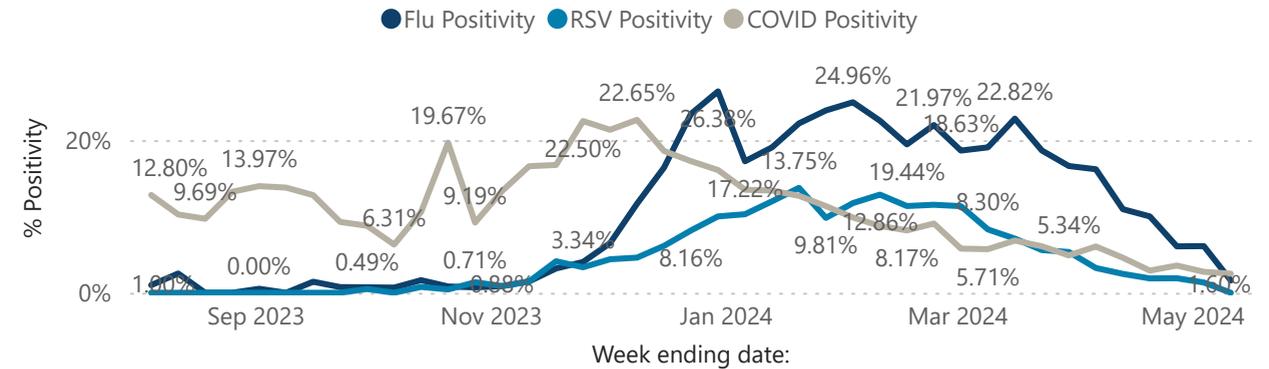
Outpatient Influenza-like Illness (ILI) NDHHS participates in the national U.S. Outpatient Influenza-like Illness Surveillance Network (ILINet). Data from participating outpatient providers in North Dakota are pooled to create a state-wide estimate for the weekly percent of healthcare visits due to influenza-like illness (ILI). Patients presenting with a fever of 100 degrees or greater AND a cough and/or sore throat are considered to have ILI. For more information on state and national ILINet data, see [FluView Interactive](#)

Outpatient ILI by Week



Sentinel Laboratory Data NDHHS receives influenza and RSV testing data from participating sentinel laboratories across the state. The total number of positive tests and the total number of tests conducted are reported and used to create a state-wide percent positivity statistic. RSV is not a reportable condition in North Dakota, but aggregate positivity is reported by participating sentinel laboratories.

Flu Positivity by Week

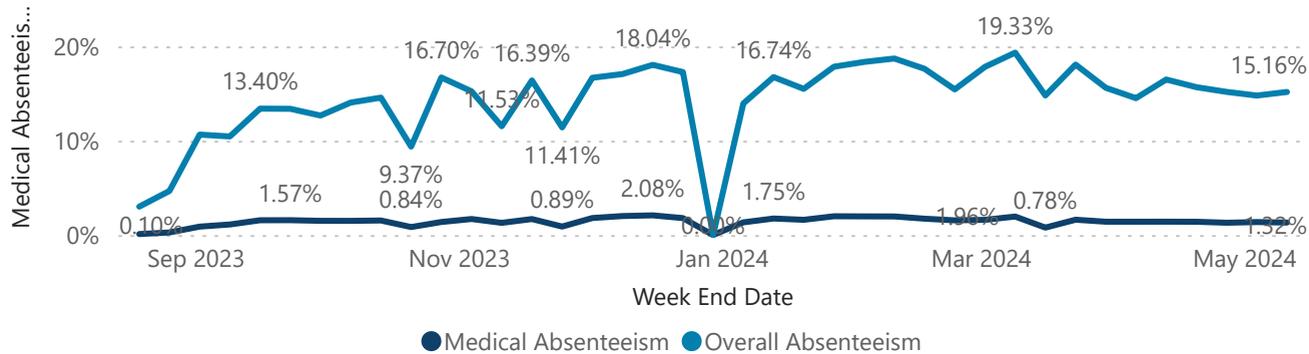


| Week Ending Date: | Total # of Patients Seen for Any Reason | Percent ILI |
|--------------------------|-----------------------------------------|--------------|
| Saturday, April 06, 2024 | 3,703 | 6.18% |
| Saturday, April 13, 2024 | 2,611 | 6.24% |
| Saturday, April 20, 2024 | 3,465 | 4.33% |
| Saturday, April 27, 2024 | 3,585 | 3.74% |
| Saturday, May 04, 2024 | 3,571 | 3.08% |
| Saturday, May 11, 2024 | 3,914 | 3.35% |
| Total | 20,849 | 4.40% |

| Week ending date: | Total # of Specimens Tested | Flu Positivity | RSV Positivity |
|--------------------------|-----------------------------|----------------|----------------|
| Saturday, April 06, 2024 | 1,063 | 16.18% | 3.24% |
| Saturday, April 13, 2024 | 1,014 | 10.95% | 2.47% |
| Saturday, April 20, 2024 | 680 | 10.00% | 1.88% |
| Saturday, April 27, 2024 | 543 | 6.08% | 1.90% |
| Saturday, May 04, 2024 | 573 | 6.11% | 1.34% |
| Saturday, May 11, 2024 | 187 | 1.60% | 0.00% |
| Total | 4,060 | 10.39% | 2.20% |

During the influenza season, increases in the **school absenteeism** data can be used as an early indicator for influenza circulation. NDHHS received absenteeism data from a majority of schools in the state. Data here include absences for medical reasons as well as overall absenteeism.

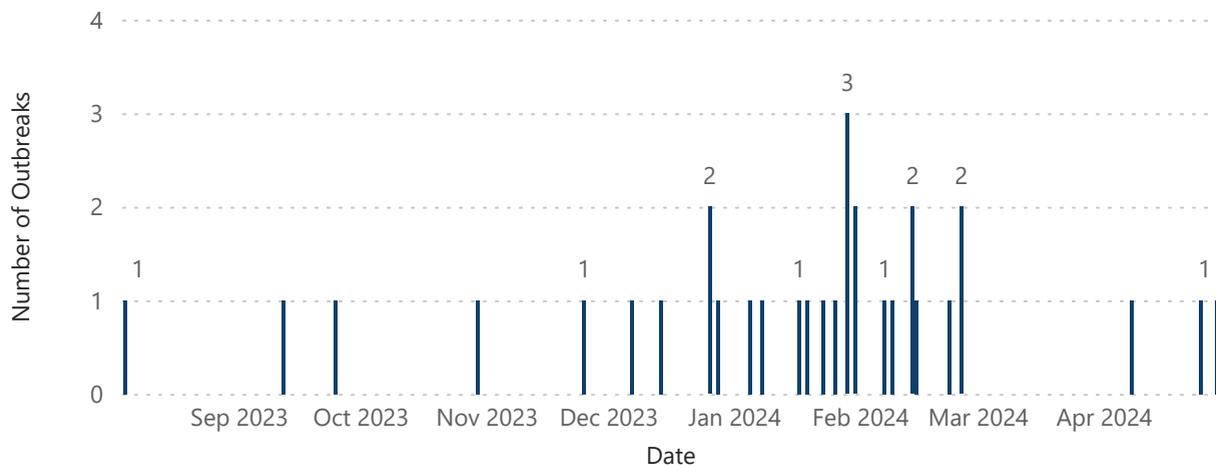
Percent of Children Absent from School by Date



| Week End Date | Total Enrollment | Medical Absenteeism | Overall Absenteeism |
|--------------------------|------------------|---------------------|---------------------|
| Saturday, March 30, 2024 | 129,554 | 1.62% | 18.07% |
| Saturday, April 06, 2024 | 128,652 | 1.41% | 15.60% |
| Saturday, April 13, 2024 | 130,022 | 1.41% | 14.51% |
| Saturday, April 20, 2024 | 130,257 | 1.41% | 16.48% |
| Saturday, April 27, 2024 | 130,435 | 1.40% | 15.67% |
| Saturday, May 04, 2024 | 130,608 | 1.30% | 15.17% |
| Saturday, May 11, 2024 | 130,751 | 1.37% | 14.78% |

During the influenza season, **influenza outbreaks** are common anywhere people gather, including schools, child care centers, long-term care facilities, and health care facilities. Outbreaks of influenza-like illness may be reported to NDHHS. The following outbreaks have been reported this season.

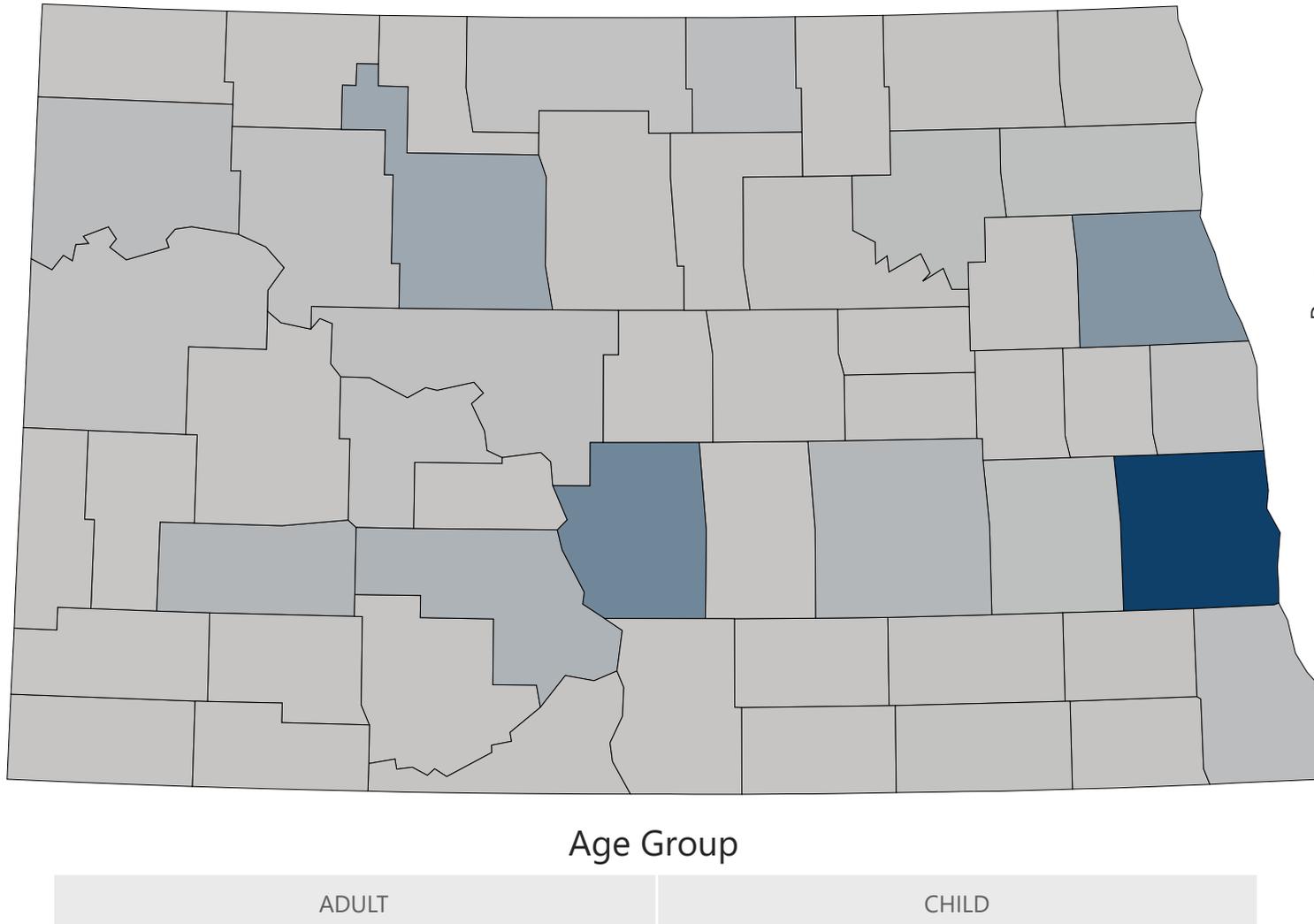
Congregate Setting Outbreaks, by Date



| Number of Outbreaks | Identified Pathogen |
|---------------------|---------------------|
| 19 | Influenza A |
| 3 | COVID-19 |
| 3 | Influenza |
| 3 | Influenza B |
| 1 | Nothing identified |
| 1 | Rhinovirus |
| 1 | RSV |
| 1 | Strep |

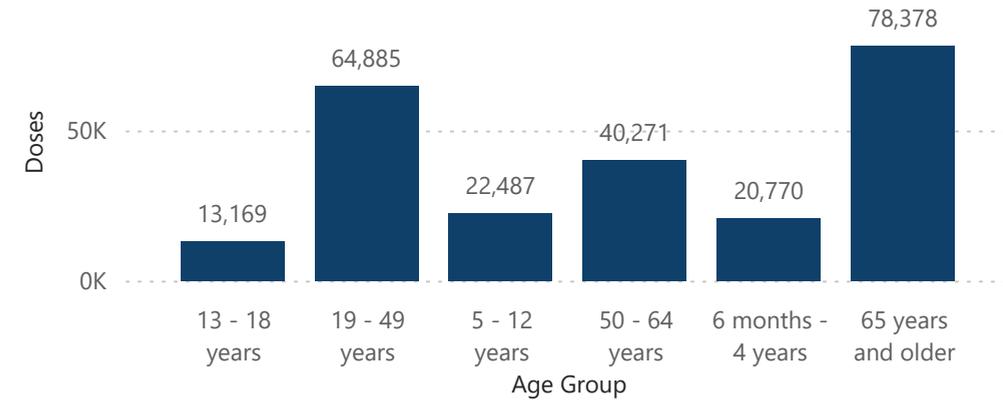
| Number of Outbreaks | Congregate Setting Type |
|---------------------|-------------------------|
| 26 | Long-term Care |
| 4 | Assisted Living |
| 1 | Childcare/Pre-school |
| 1 | Skilled Nursing |

Total Influenza Vaccine Doses Administered by County

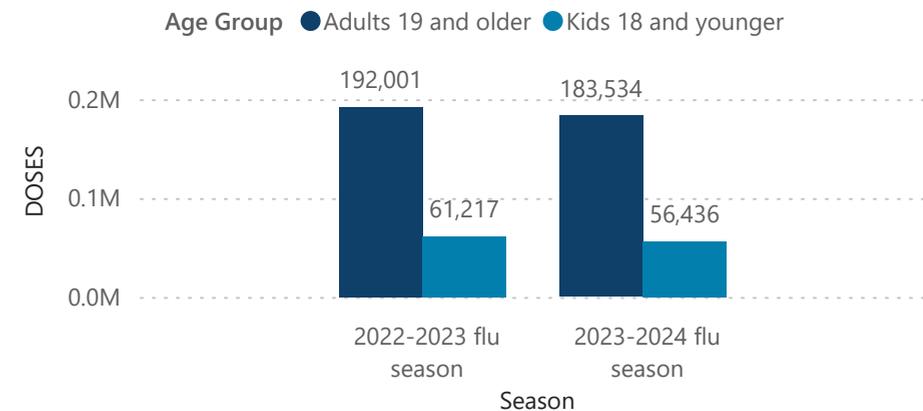


County-level doses administered data includes all administered doses of flu vaccine documented in the NDIIS as given to an individual with an address in the North Dakota county, regardless of where the provider who administered the dose was located.

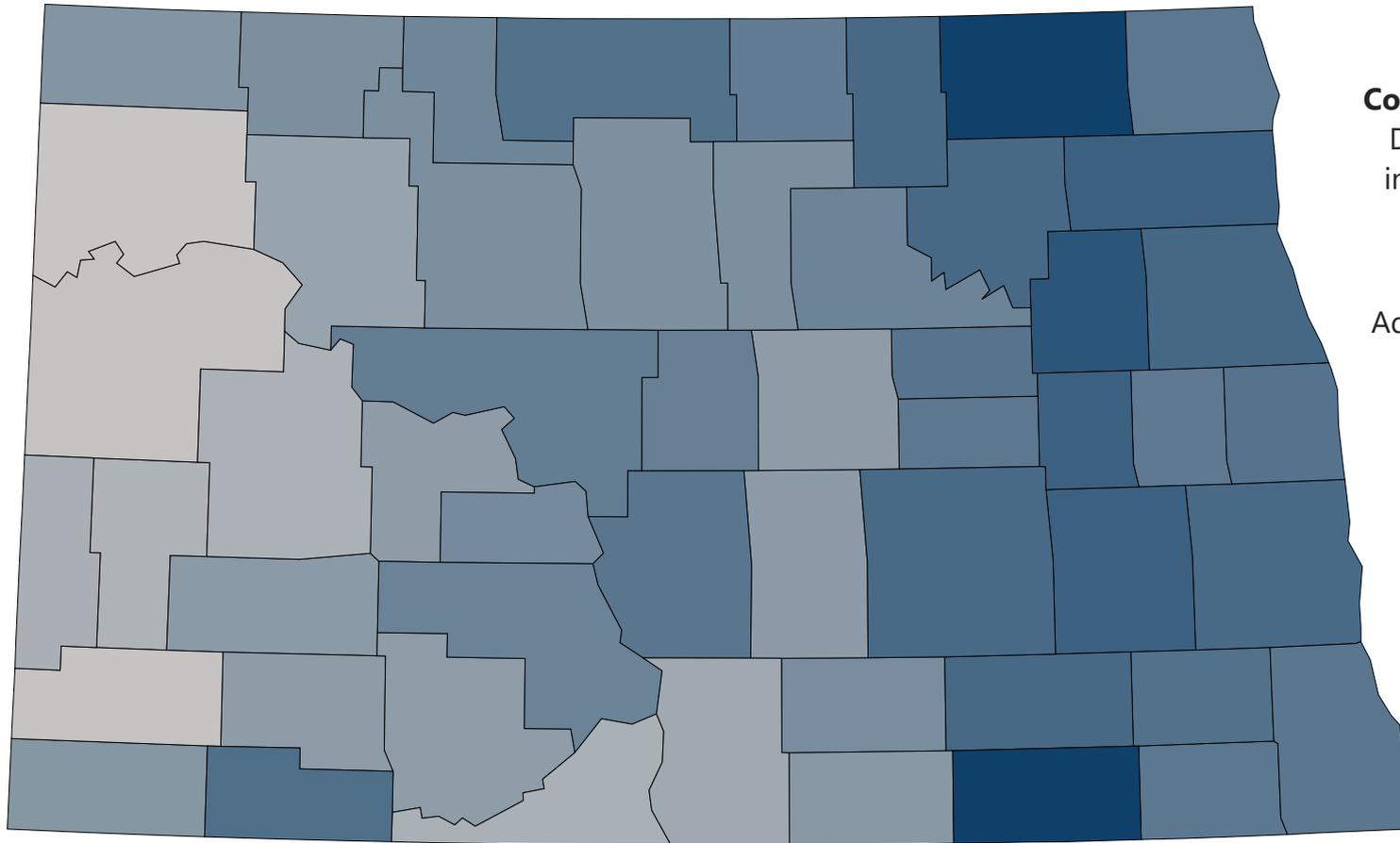
Doses Administered by Age Group



Statewide Doses Administered



Influenza Vaccine County Coverage Rates



Week Number

WEEK19

Age Group

All ND 6 months and older

NDIIS data can also be used to estimate the percent of North Dakotans in each age group that have received at least one dose of influenza vaccine so far this flu season. NDIIS records included in **statewide coverage rates** must have a North Dakota address.

County-level coverage rate data is calculated for the percent of North Dakotans in each age group that have received at least one dose of influenza vaccine so far this flu season and live in the selected North Dakota county.

Adult immunizations do not have to be reported to the NDIIS so adult coverage rates may be higher.

Statewide Flu Coverage for 2023-24 Season

