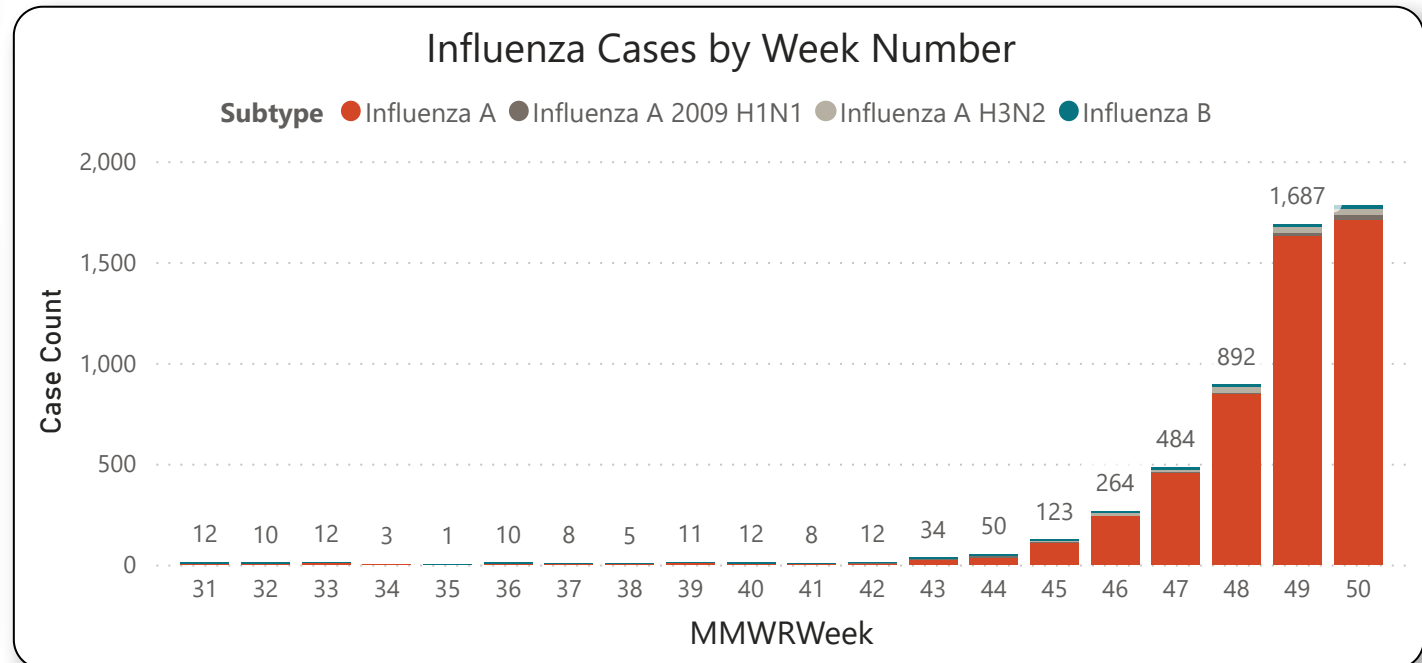


Although influenza activity remains high as the holidays approach, several markers for flu activity have slightly decreased from the previous week. School absenteeism has decreased significantly from the previous week as students leave for winter break. Additional influenza outbreaks in congregate living settings have been reported in the previous week as well.

With these high levels of flu activity, influenza vaccination as the best tool to protect against severe illness/outcomes. For more information regarding flu vaccination, please visit [health.nd.gov/immunize](http://health.nd.gov/immunize).

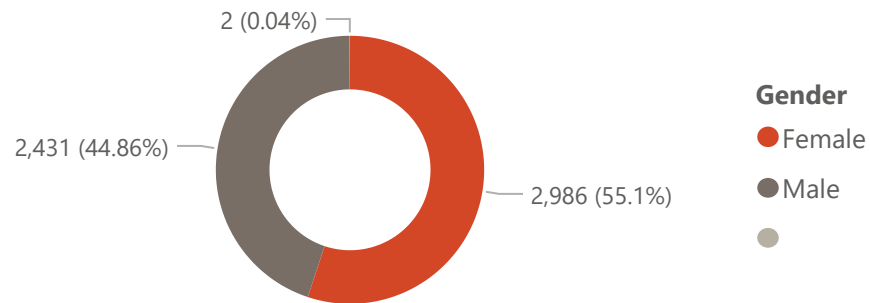
Subtype	Cases in Previous Week	Total for Season
Influenza A	1,713	5,112
Influenza A 2009 H1N1	20	61
Influenza A H3N2	33	124
Influenza B	15	122
<b>Total</b>	<b>1,781</b>	<b>5,419</b>

	Last Week	Season Total
New Influenza Cases:	1,781	5,419
Outpatient Visits for Influenza-like Illness:	12.72%	4.05%
Laboratory Specimens Positive for Influenza:	20.90%	7.02%
Percentage of Students Absent from School:	0.58%	12.50%
New Hospitalizations due to Influenza:	44	155
New Deaths due to Influenza:	0	3

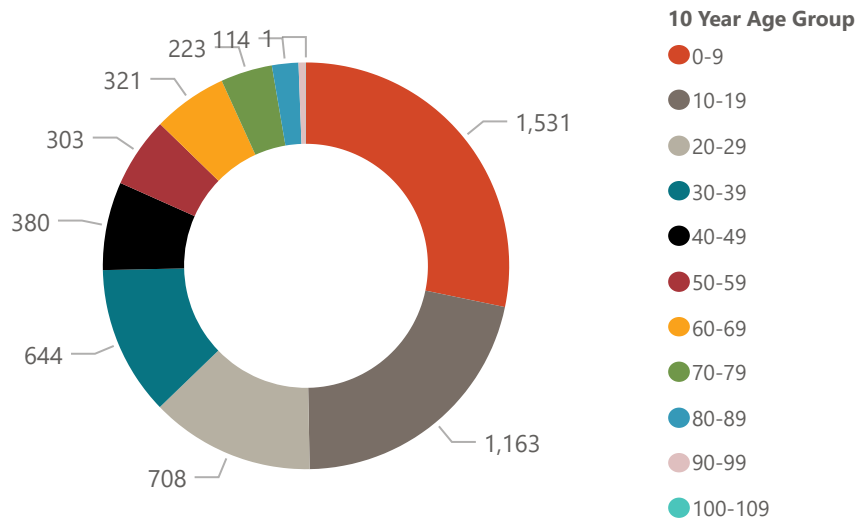


Laboratory-confirmed influenza is a reportable disease in North Dakota. Influenza "cases" include people that have tested positive for influenza in a healthcare setting. It does not include people with influenza who did not seek healthcare, or were diagnosed without a lab test, which is common. The true 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](http://ndflu.com)

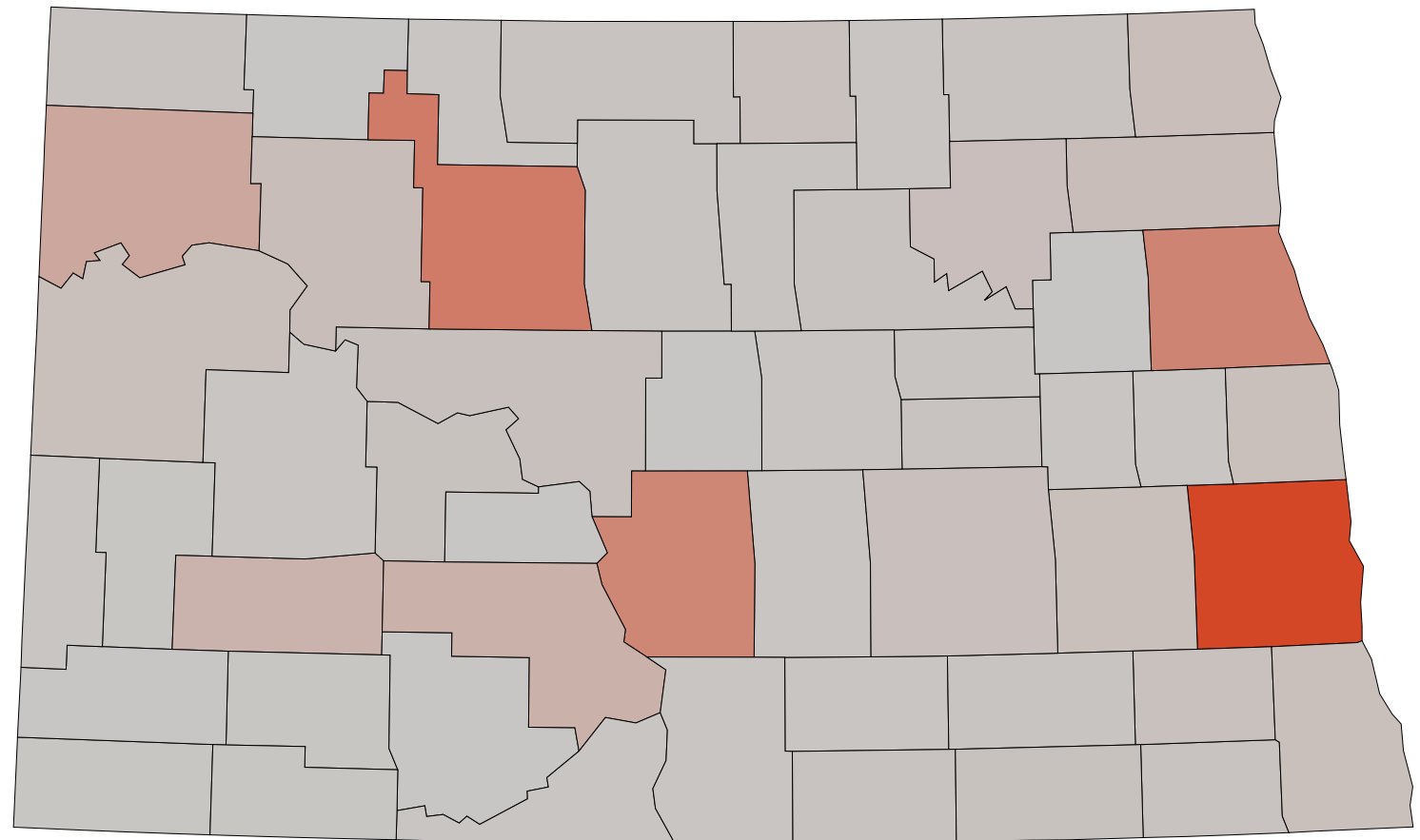
### Influenza Cases by Gender



### Influenza Cases by Age Group



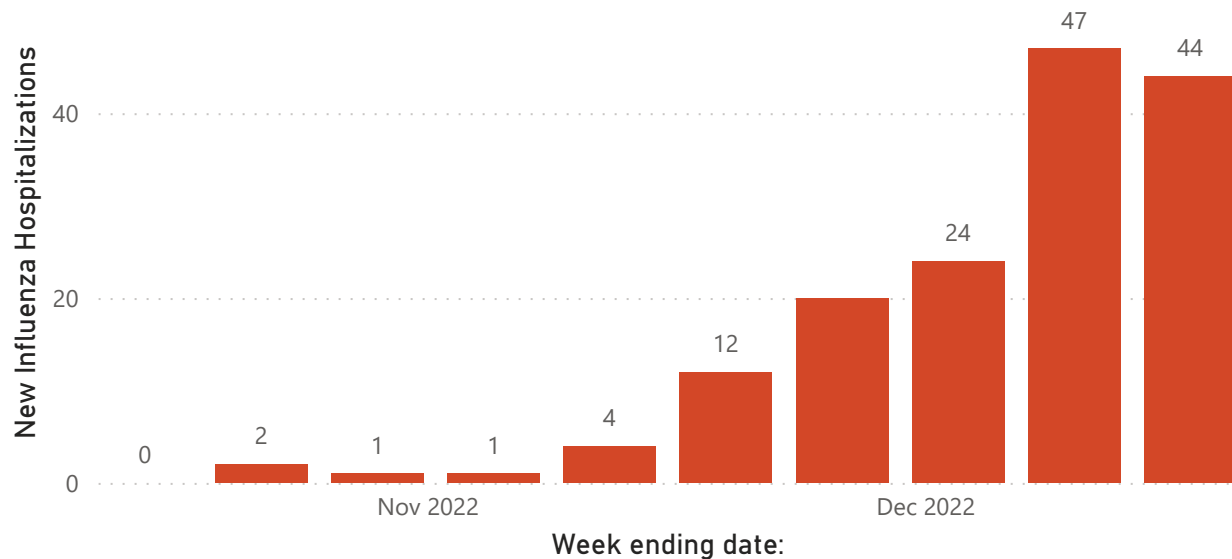
### Total Influenza Cases by County



**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 individual's death certificate.

New Influenza Hospitalizations by Date



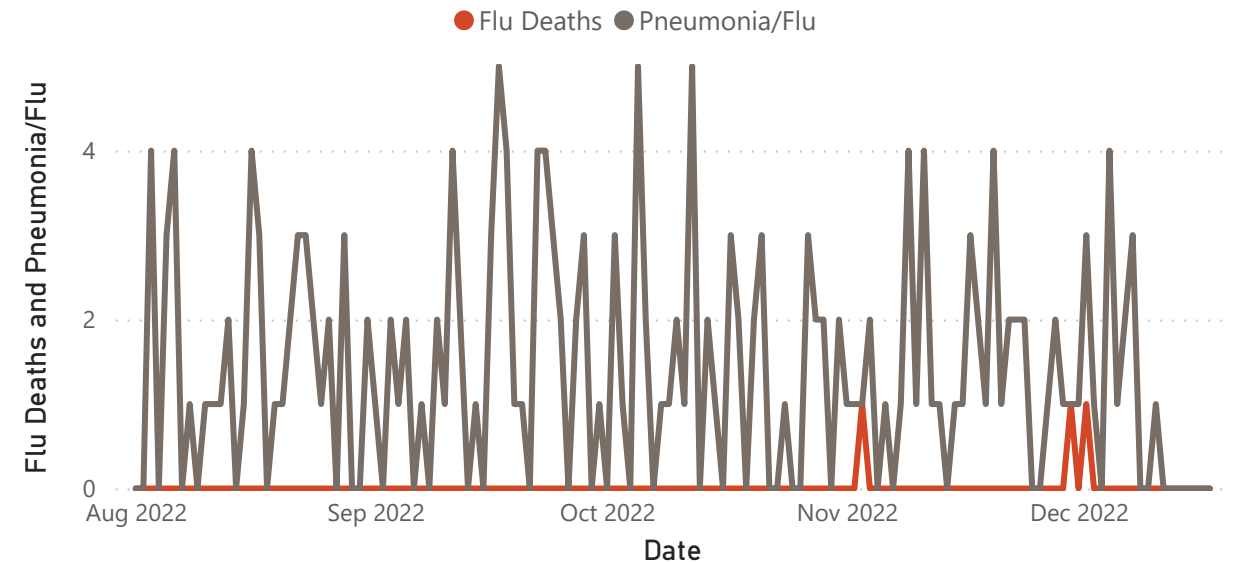
**44**

New Weekly Hospitalizations

**155**

Total Hospitalizations for Season

Influenza and Pneumonia Deaths by Date



**3**

Flu Deaths

**197**

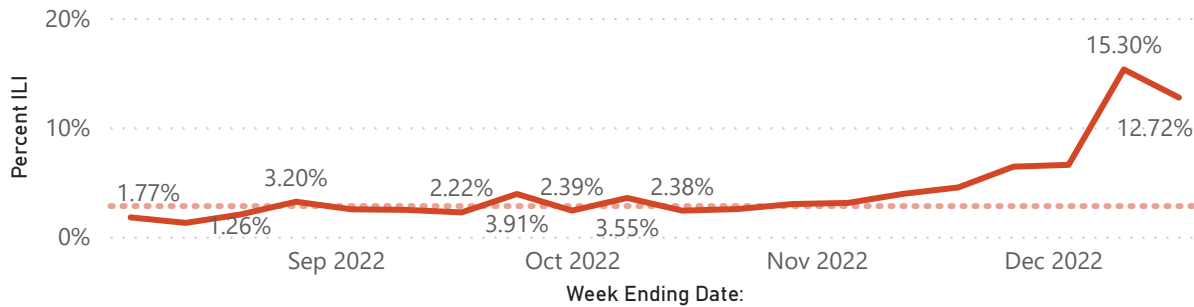
Pneumonia/Flu Deaths

### Outpatient Influenza-like Illness (ILI)

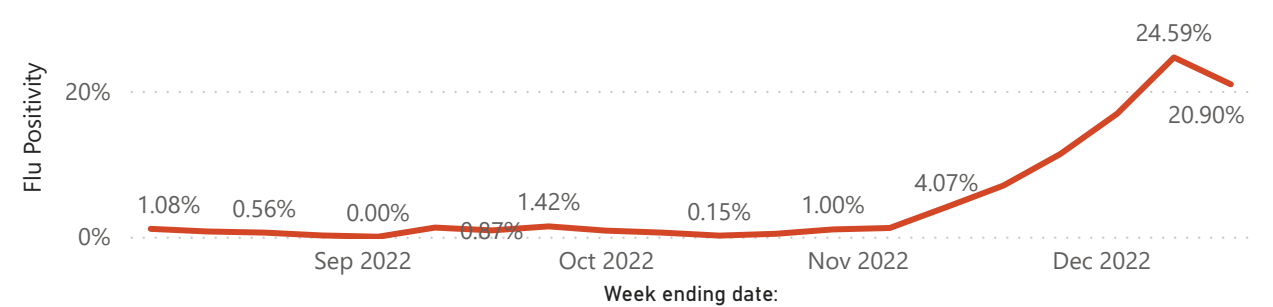
NDHHS participates in the national U.S. Outpatient Influenza-like Illness Surveillance Network (ILINet). Data from participating outpatient providers in North Dakota are pooled to create a state-wide estimate for the weekly percent of healthcare visits due to influenza-like illness (ILI). Patients presenting 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](#)

**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

Percent ILI by Week



Flu Positivity by Week

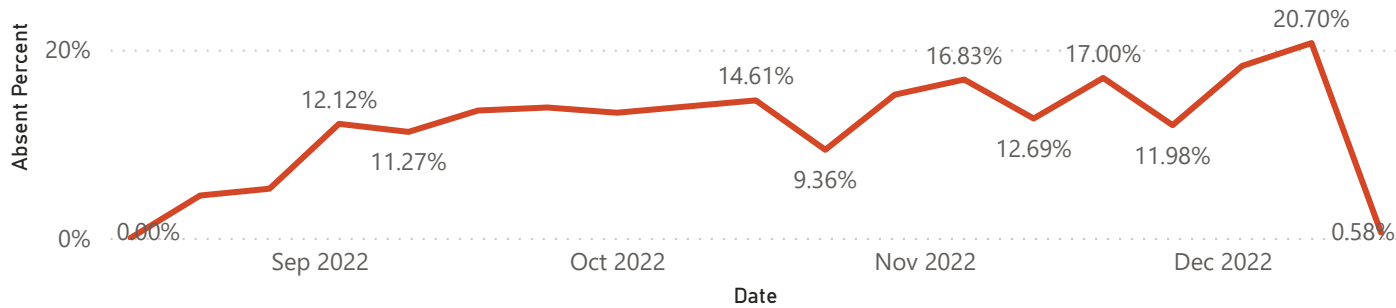


Week Ending Date:	Total # of Patients Seen for Any Reason	Percent ILI
Saturday, November 12, 2022	3,750	3.92%
Saturday, November 19, 2022	4,082	4.51%
Saturday, November 26, 2022	3,560	6.40%
Saturday, December 03, 2022	3,667	6.57%
Saturday, December 10, 2022	2,589	15.30%
Saturday, December 17, 2022	3,860	12.72%
<b>Total</b>	<b>21,508</b>	<b>7.84%</b>

Week ending date:	Total # of Specimens Tested	Flu Positivity	RSV Positivity
Saturday, November 12, 2022	1,646	4.07%	25.59%
Saturday, November 19, 2022	1,653	7.02%	22.21%
Saturday, November 26, 2022	1,605	11.34%	26.29%
Saturday, December 03, 2022	2,490	16.87%	23.96%
Saturday, December 10, 2022	976	24.59%	18.30%
Saturday, December 17, 2022	3,019	20.90%	18.17%
<b>Total</b>	<b>11,389</b>	<b>14.54%</b>	<b>22.46%</b>

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

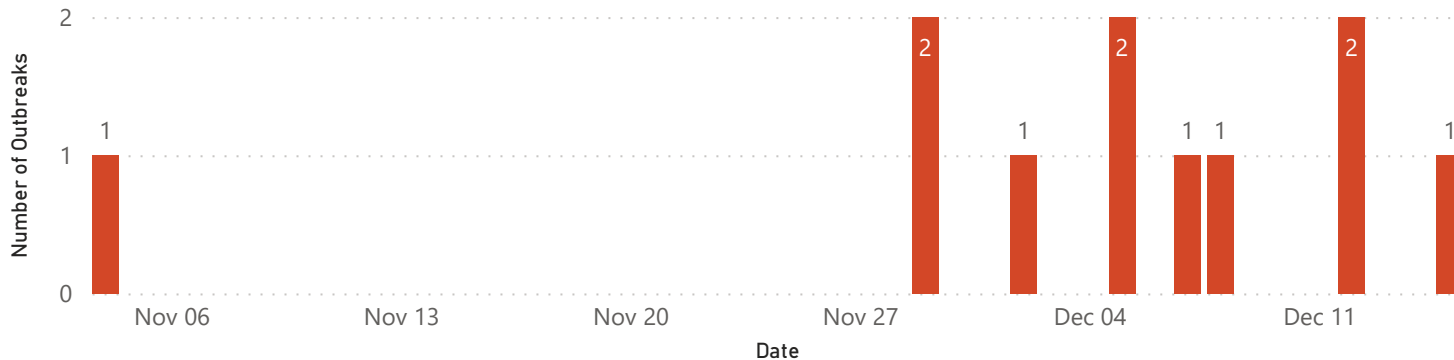
Percent of Children Absent from School by Date



Week End Date	Total Enrollment	Percent Absent
Saturday, November 19, 2022	124,874	17.00%
Saturday, November 26, 2022	125,077	11.98%
Saturday, December 03, 2022	125,350	18.27%
Saturday, December 10, 2022	125,408	20.70%
Saturday, December 17, 2022	125,431	0.58%

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 the NDDoH. The following outbreaks have been reported this season.

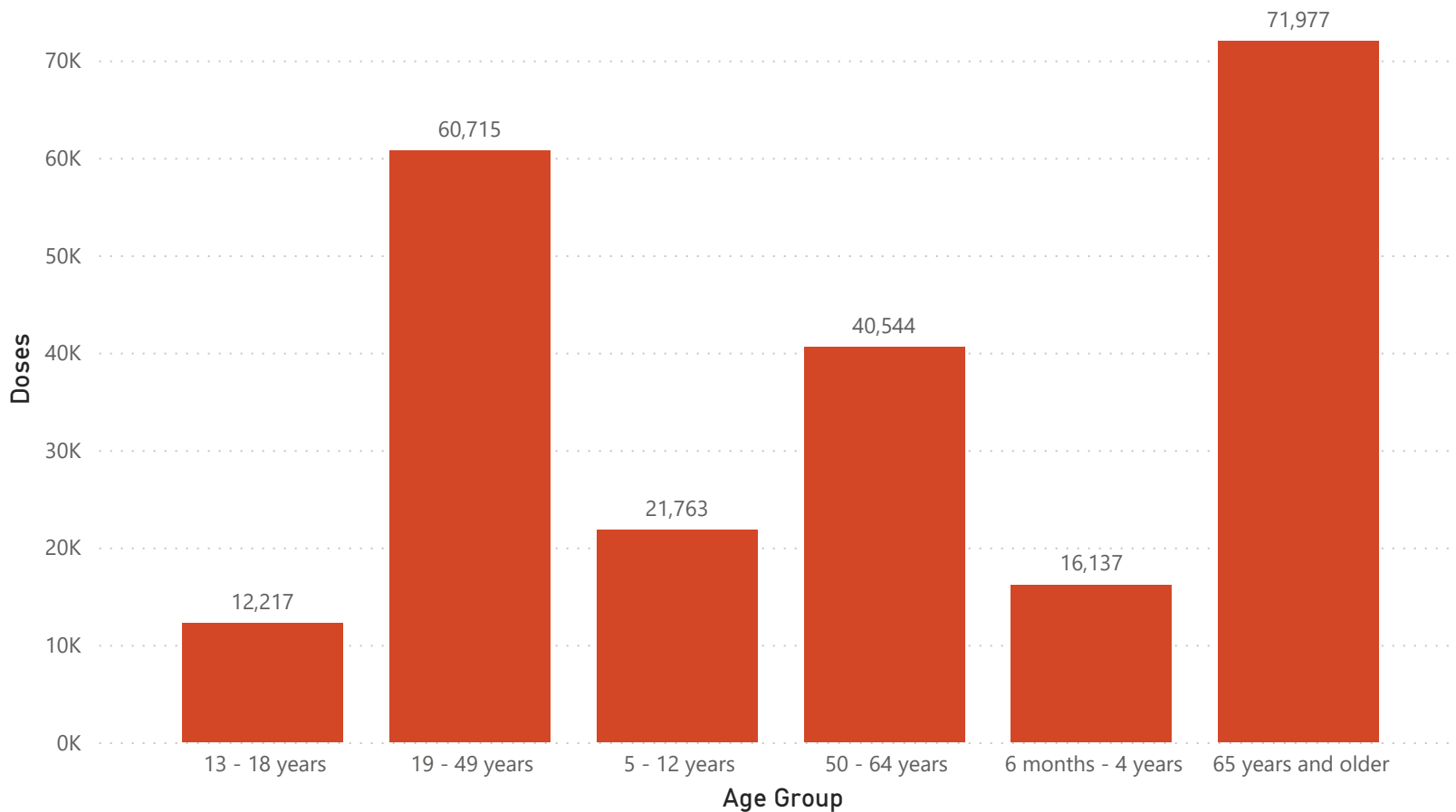
Congregate Setting Outbreaks, by Date



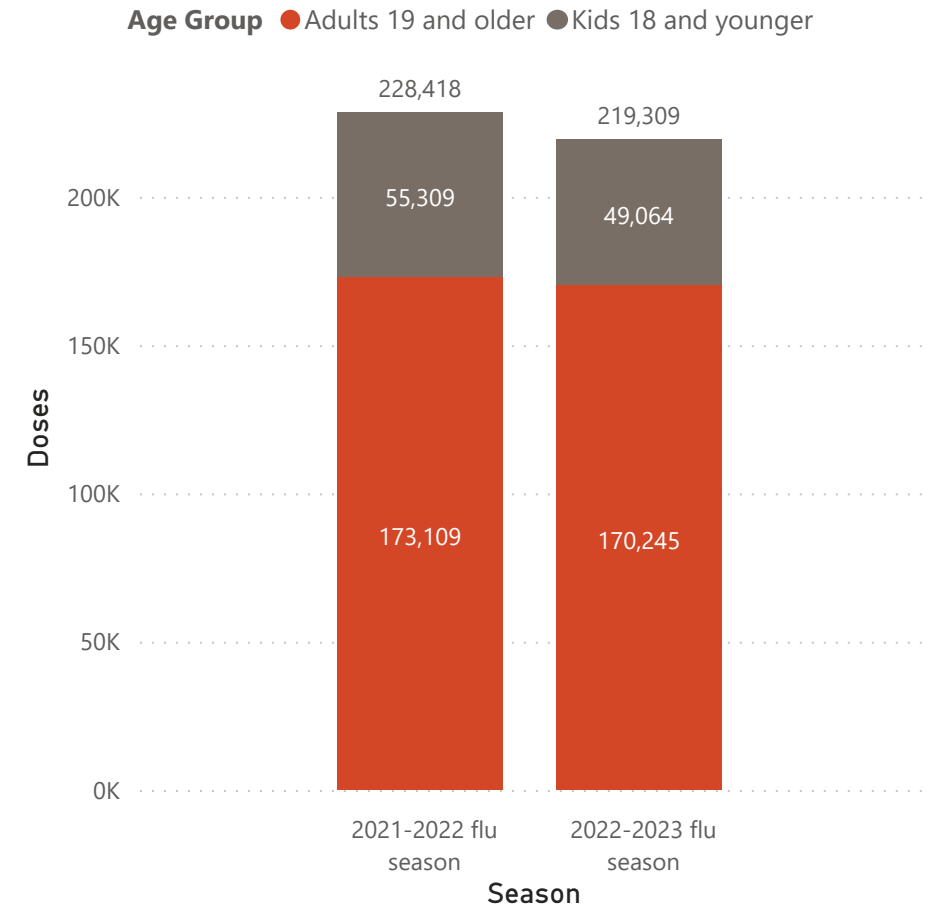
Number of Outbreaks	Congregate Setting Type
4	Assisted Living
1	Memory Care
6	Skilled Nursing
<b>11</b>	

**Influenza vaccine doses administered** data from the North Dakota Immunization Information System (NDIIS) includes all administered doses of flu vaccine documented in the NDIIS to records with a North Dakota address. Adult immunizations do not have to be reported to the NDIIS so there may be more influenza vaccine doses being administered that are not reported to the NDIIS. Age groups are determined base on age at time of vaccination.

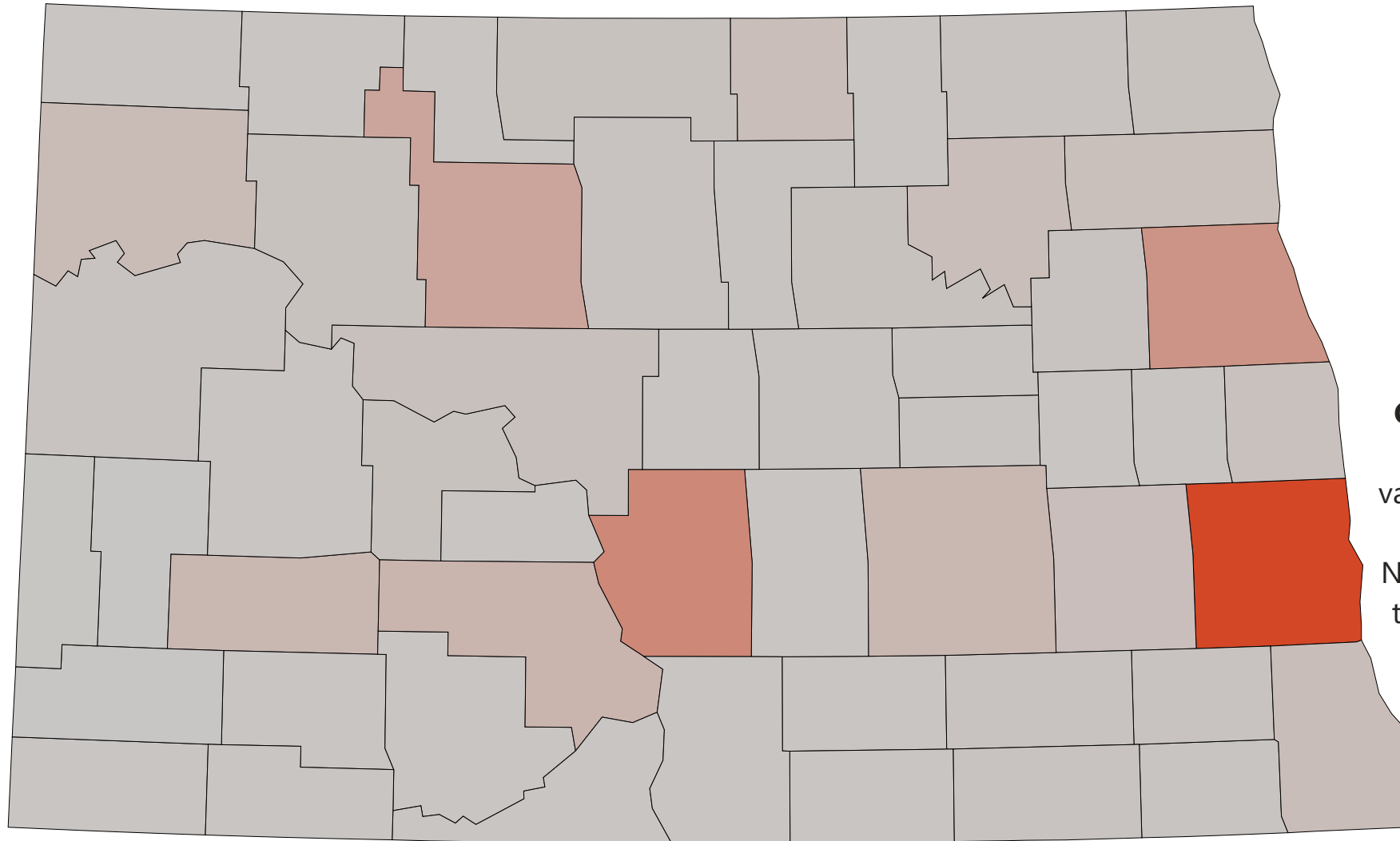
Doses Administered by Age Group



Statewide Doses Administered



### Total Influenza Vaccine Doses Administered by County



### Week Number

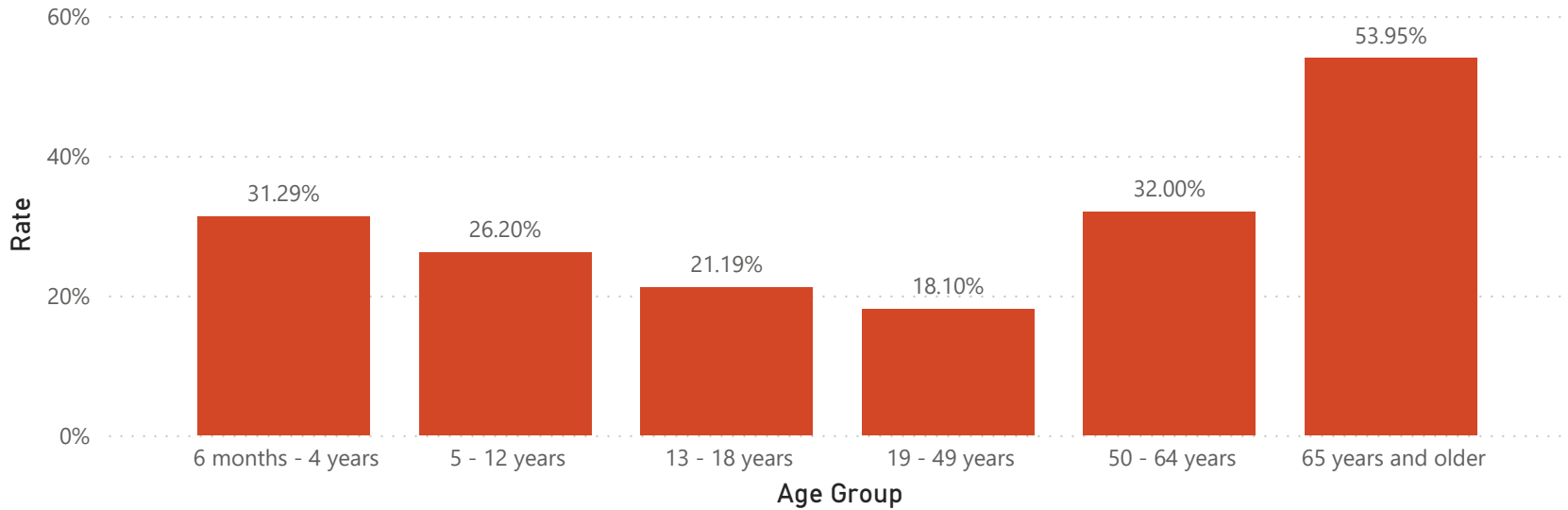
WEEK\_50

### Age Group

- ADULT
- CHILD

**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.

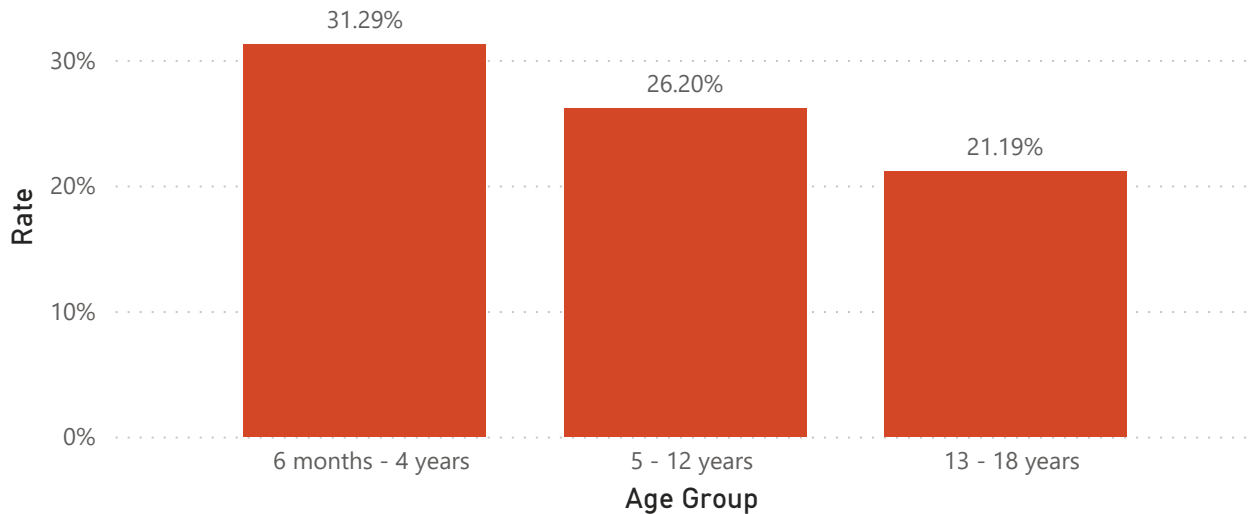
Statewide Flu Coverage for 2022-23 Season



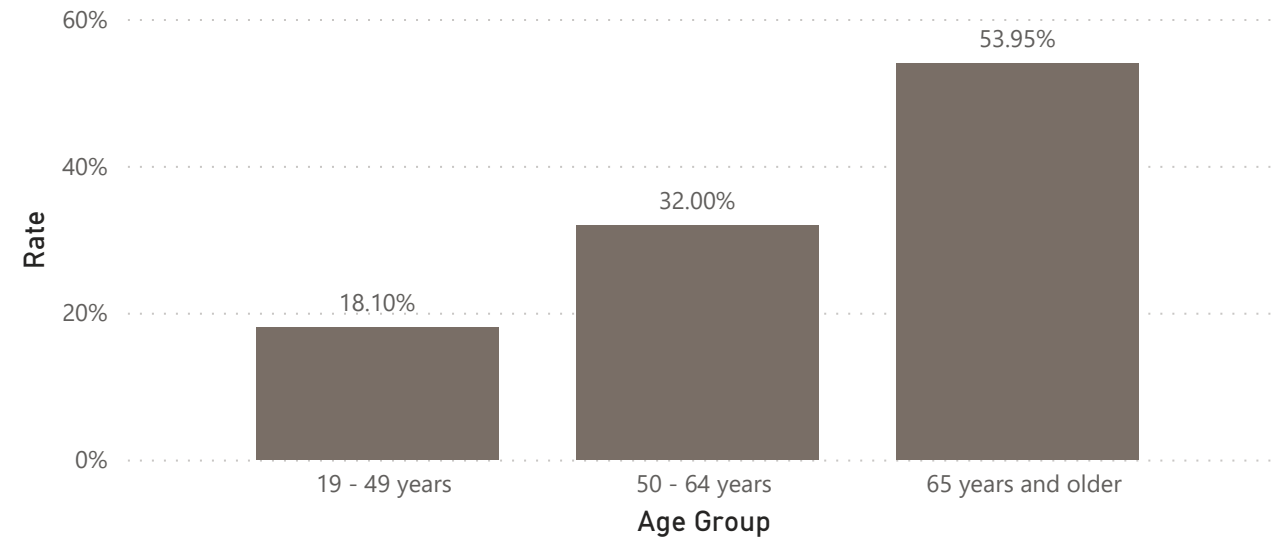
NDIIS data can also be used to estimate the percent of North Dakotans in each age group that have received at least one dose of influenza vaccine so far this flu season. NDIIS records included in **statewide coverage rates** must have a North Dakota address.

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

Statewide Flu Coverage for Children <= 18

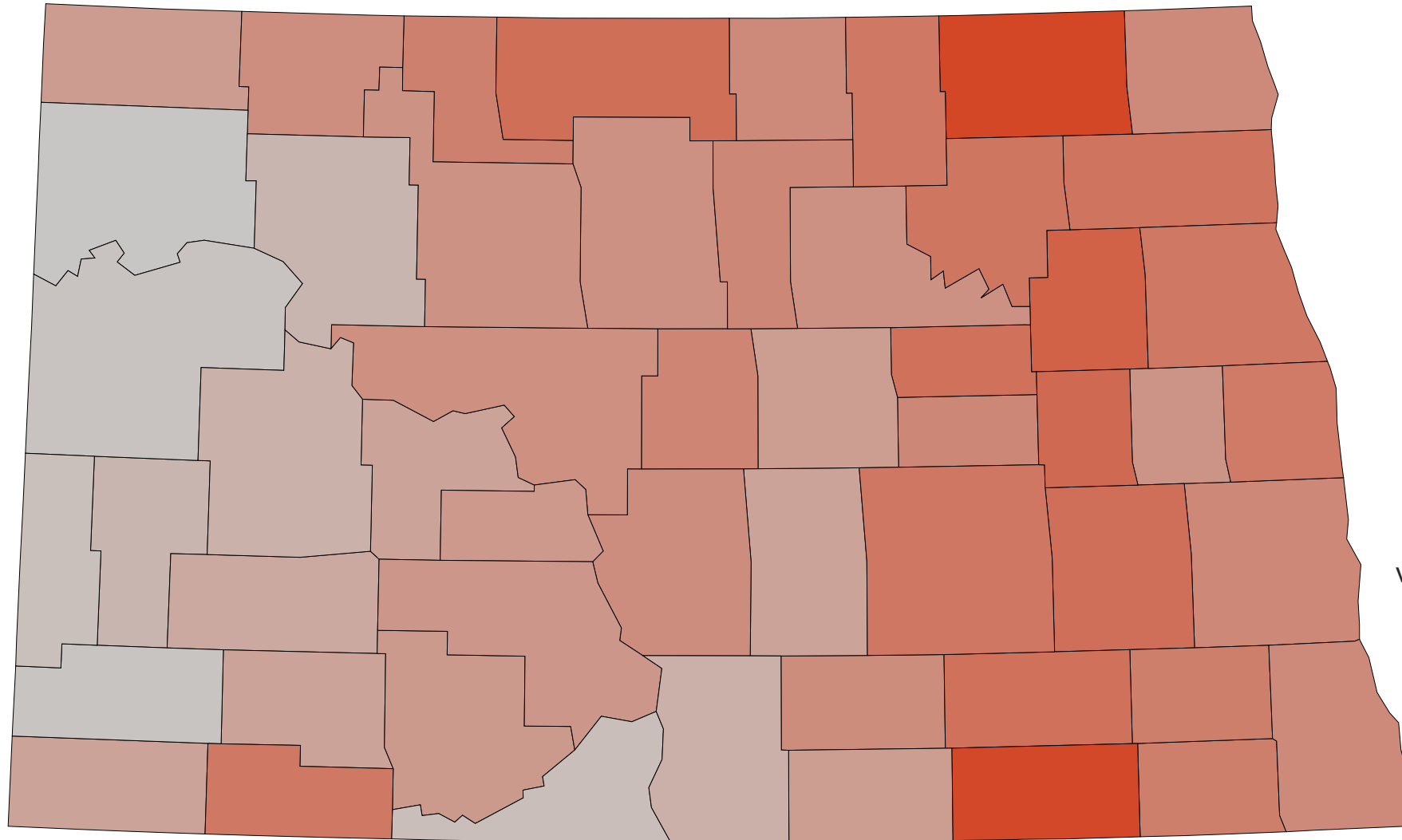


Statewide Flu Coverage for Adults >= 19





### Influenza Vaccine County Coverage Rates



Week Number

50

Age Group

All ND 6 months and older

**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.