

This MDH Weekly COVID-19 Report presents data in an easy to interpret way and enhances the information provided in the daily Situation Update for COVID-19 web page with situational insights as well as trends over time.

- [Minnesota Situation Update for Coronavirus Disease 2019 \(COVID-19\) \(https://www.health.state.mn.us/diseases/coronavirus/situation.html\)](https://www.health.state.mn.us/diseases/coronavirus/situation.html)
updated daily at 11 a.m.
- [Coronavirus Disease 2019 \(COVID-19\) \(https://www.cdc.gov/coronavirus/2019-nCoV/\)](https://www.cdc.gov/coronavirus/2019-nCoV/)
- Neighboring states' COVID-19 information:
 - [Wisconsin: COVID-19 \(Coronavirus Disease\) \(https://www.dhs.wisconsin.gov/covid-19/\)](https://www.dhs.wisconsin.gov/covid-19/)
 - [Iowa: Novel Coronavirus \(COVID-19\) \(https://idph.iowa.gov/Emerging-Health-Issues/Novel-Coronavirus\)](https://idph.iowa.gov/Emerging-Health-Issues/Novel-Coronavirus)
 - [North Dakota: Coronavirus \(https://www.health.nd.gov/diseases-conditions/coronavirus/\)](https://www.health.nd.gov/diseases-conditions/coronavirus/)
 - [South Dakota: Novel Coronavirus Updates and Information \(https://doh.sd.gov/news/Coronavirus.aspx\)](https://doh.sd.gov/news/Coronavirus.aspx)

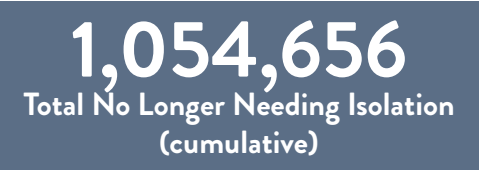
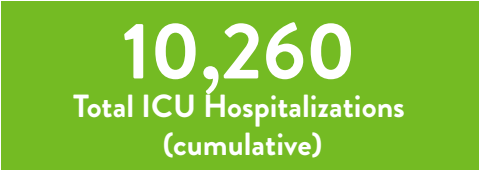
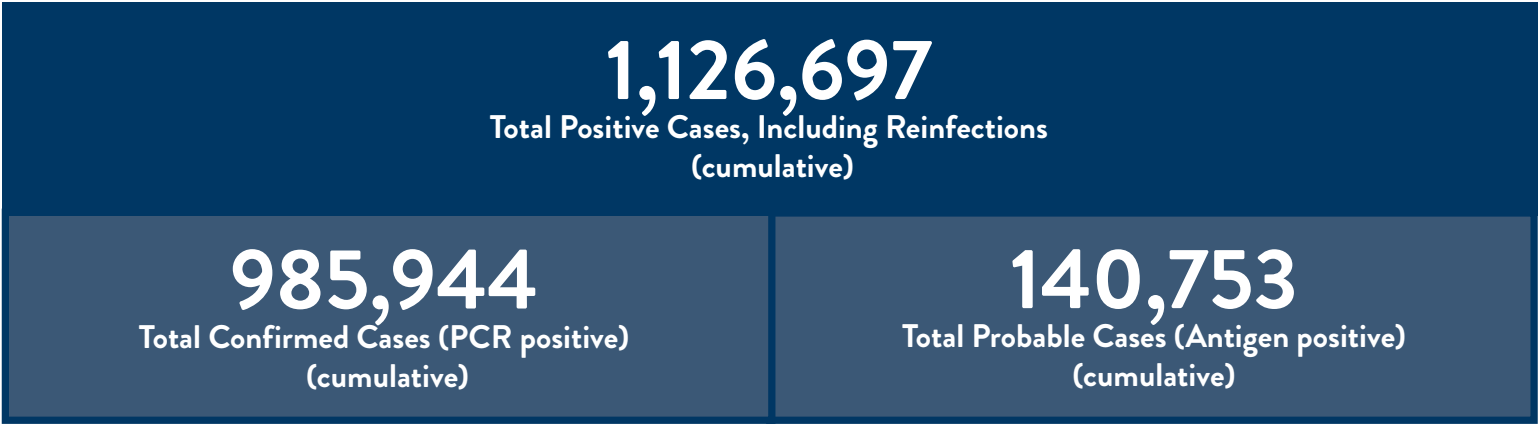
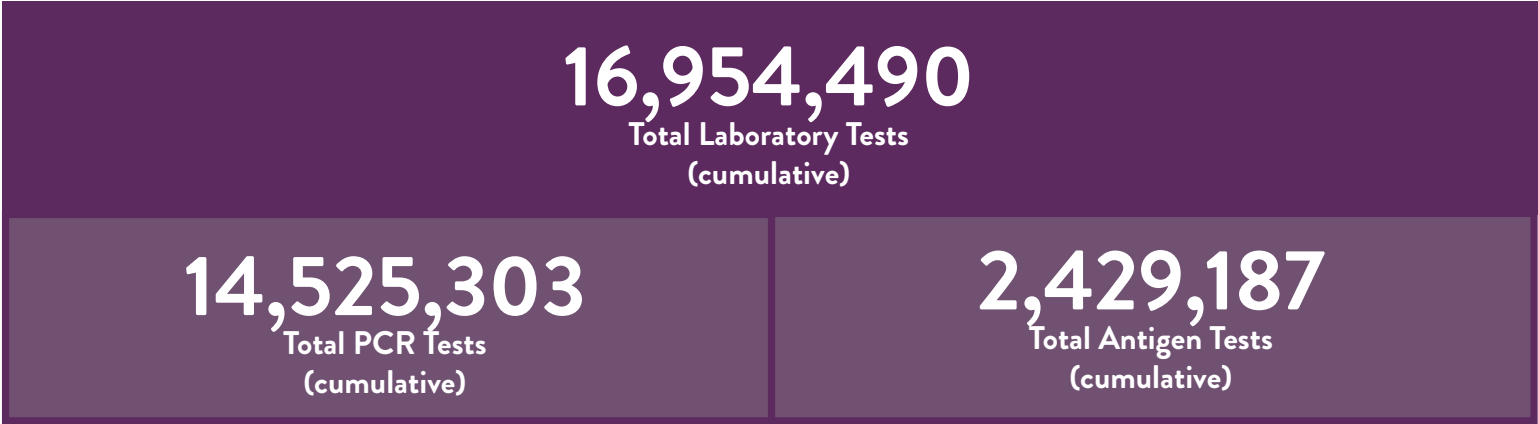
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About Minnesota COVID-19 Data

- Data is for cases that were tested and returned positive.
 - At-home test results are not counted by MDH.
 - Many people with COVID-19 are not tested, so the cases in this report represent only a fraction of the total number of cases in Minnesota.
- All data is preliminary and may change as cases are investigated.
 - Many data points are collected during case interviews. Data presented below is for all cases, regardless of interview status. Data for cases pending interview may be listed as “unknown/missing”.
 - As of 10/28/21, case interviews are prioritized. Priority groups include people under 18 years old, hospitalizations, deaths, and people with vaccine breakthrough or variants. Therefore, not all cases were contacted for interview.
- Minnesota uses the CSTE standardized surveillance case definition.
 - A person is counted as having a reinfection if they test positive (confirmed or probable) for COVID-19 more than 90 days after a previous lab-confirmed case. Cases include reinfections unless otherwise noted.
 - Positive PCR test results are considered confirmed cases. Positive antigen test results are considered probable cases. All probable cases get the same public health follow up and recommendations as cases confirmed by PCR tests. Total cases includes confirmed and probable cases unless otherwise noted.
 - A person with a positive PCR test result following a positive antigen test result would move from being a probable case to a confirmed case.
- Weekly data is reported by MMWR week, which is the week of the year assigned by the National Notifiable Diseases Surveillance System for the purposes of disease reporting and publishing.
- Numbers listed as cumulative total are cumulative since 1/20/20 for confirmed (PCR) tests and cases, and since 9/1/20 for probable (antigen) tests and cases, unless specified otherwise.

COVID-19 Overview Summary



Laboratory Tests for COVID-19

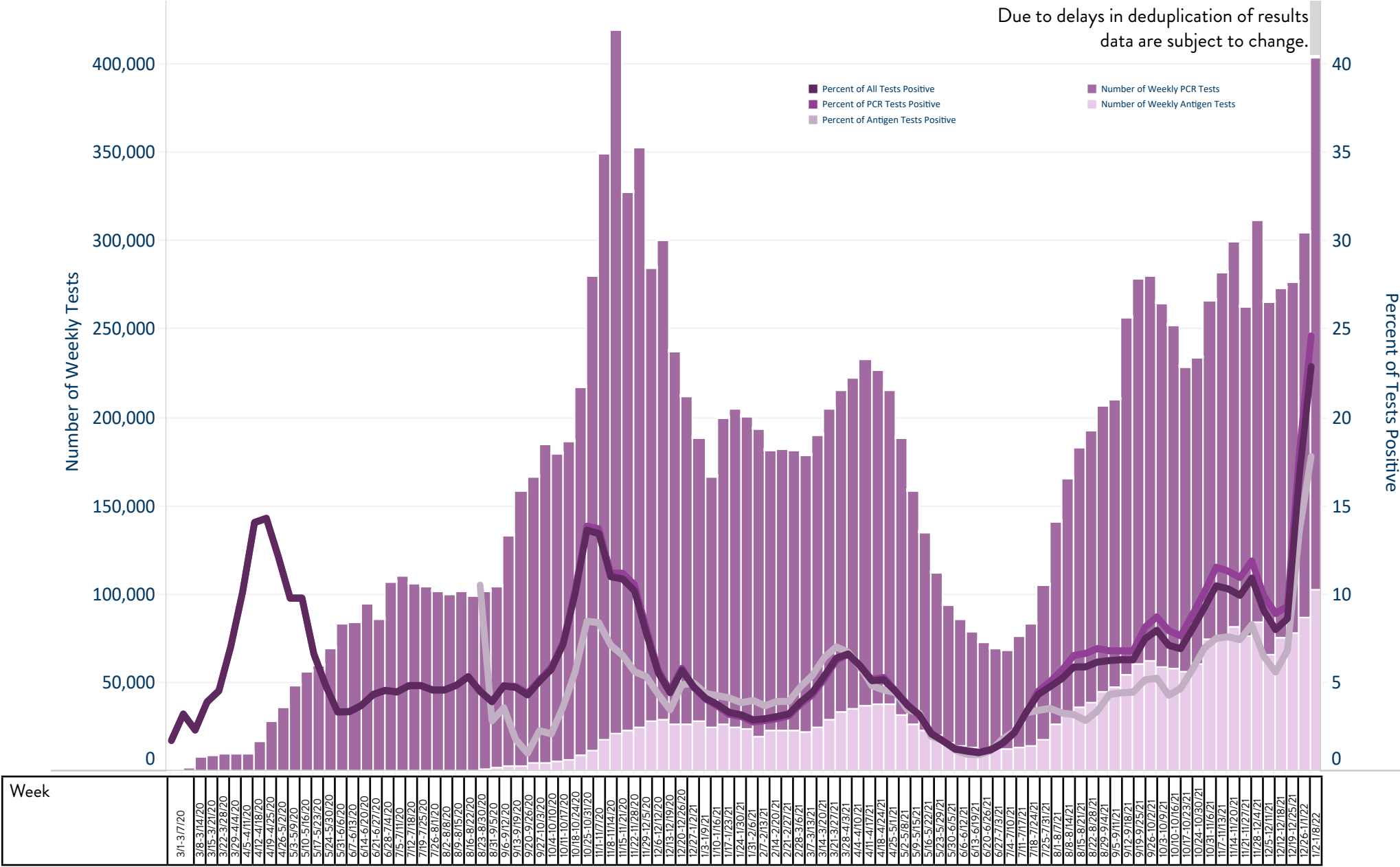
Testing numbers show how many total tests have been done for cases who live in Minnesota. Some people get tested more than once. Tests are reported per test to account for changes in testing capacity and for individuals who are tested more than once over the course of the pandemic. Tests are reported by the date the test was run in the laboratory.

16,954,490
Total Laboratory Tests
(cumulative)

■ Current data: [Minnesota Situation Update for Coronavirus Disease 2019 \(COVID-19\) \(https://www.health.state.mn.us/diseases/coronavirus/situation.html\)](https://www.health.state.mn.us/diseases/coronavirus/situation.html)

Number of Tests and Percent Positive by Week

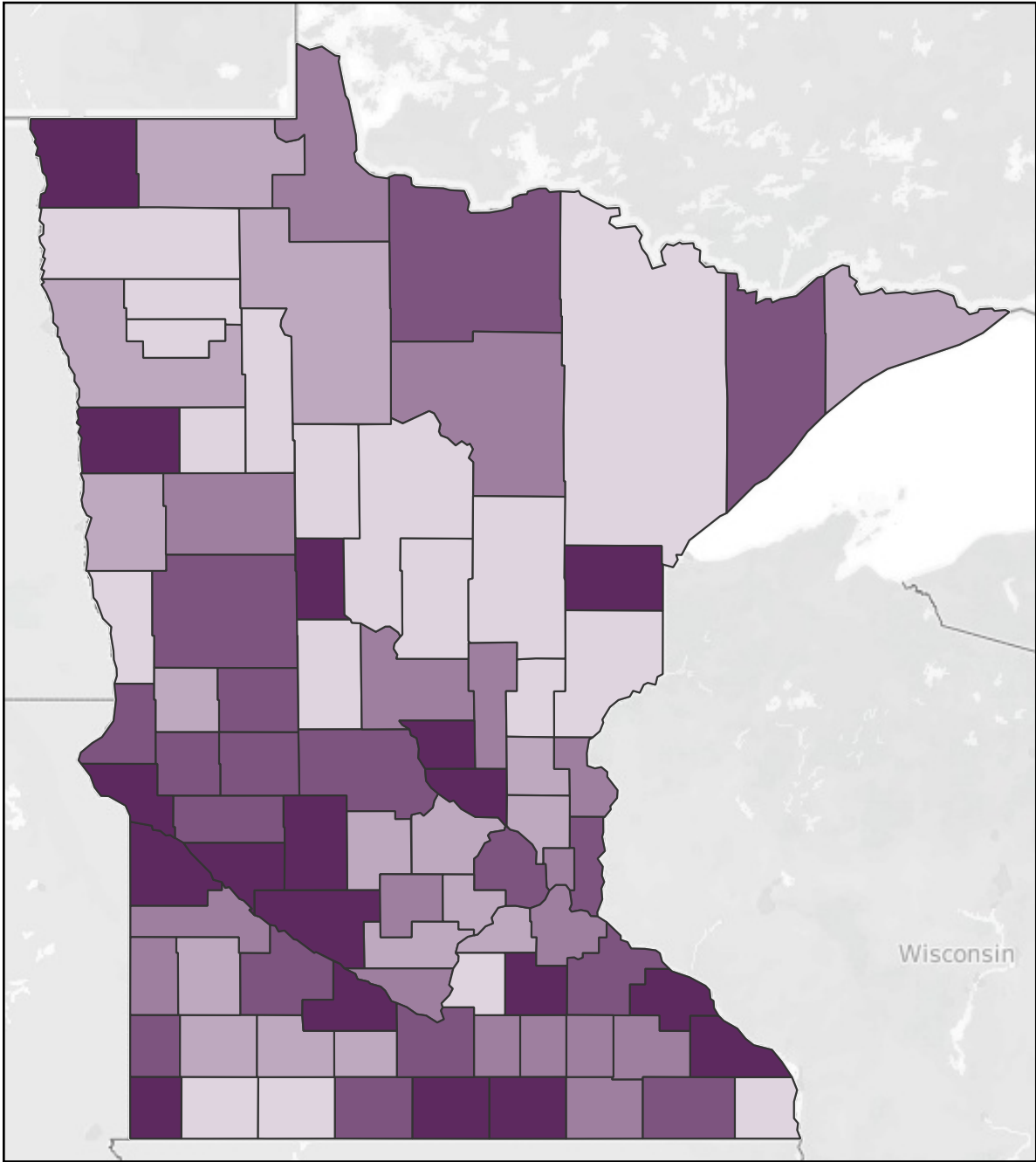
Number of tests and percentage positive by date of laboratory testing. Only tests reported by laboratories reporting both positive and negative results are included in positivity calculations. Percent positive is the percent of positive tests from the total number of tests.



Laboratory Test Rates by County of Residence

29,750
tests per 10,000 people statewide

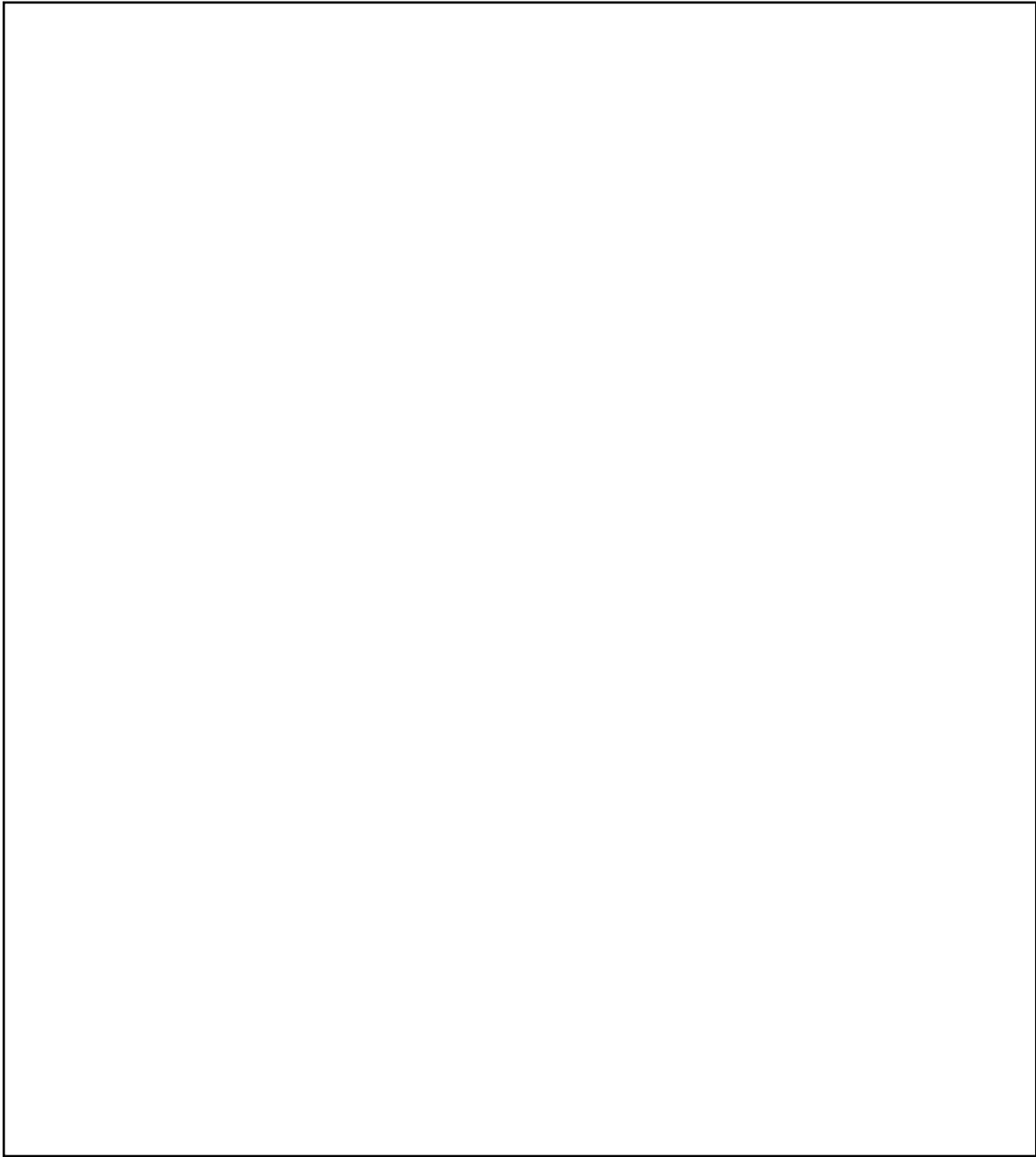
Cumulative rate of tests by county of residence per 10,000 people. Only tests reported by laboratories reporting both positive and negative results are included.



County	Number of Tests	Cumulative Rate	County	Number of Tests	Cumulative Rate
Aitkin	34,080	21,523	Martin	59,030	29,568
Anoka	904,407	26,031	McLeod	99,804	27,859
Becker	91,069	26,965	Meeker	61,884	26,814
Beltrami	107,853	23,387	Mille Lacs	74,917	29,119
Benton	133,150	33,472	Morrison	95,022	28,839
Big Stone	19,566	39,007	Mower	116,730	29,476
Blue Earth	200,209	30,187	Murray	22,317	26,717
Brown	80,819	32,057	Nicollet	97,182	28,767
Carlton	127,254	35,806	Nobles	45,685	20,919
Carver	253,221	25,217	Norman	21,722	33,118
Cass	54,718	18,854	Olmsted	447,668	29,247
Chippewa	40,719	33,904	Otter Tail	171,855	29,634
Chisago	154,632	28,255	Pennington	24,945	17,587
Clay	150,052	23,893	Pine	64,045	21,987
Clearwater	17,043	19,341	Pipestone	27,458	29,894
Cook	13,358	25,152	Polk	75,206	23,806
Cottonwood	30,458	26,783	Pope	32,580	29,672
Crow Wing	147,476	23,095	Ramsey	1,597,412	29,500
Dakota	1,149,943	27,497	Red Lake	6,683	16,674
Dodge	60,853	29,566	Redwood	45,550	29,711
Douglas	112,152	30,146	Renville	47,581	32,322
Faribault	47,257	34,008	Rice	279,205	42,455
Fillmore	64,663	30,957	Rock	30,137	32,016
Freeborn	102,251	33,496	Roseau	38,419	24,847
Goodhue	140,105	30,315	Scott	369,986	25,806
Grant	15,415	25,960	Sherburne	293,846	31,518
Hennepin	3,749,258	30,347	Sibley	36,079	24,195
Houston	32,239	17,274	St. Louis	605,806	30,278
Hubbard	33,417	16,018	Stearns	465,679	29,695
Isanti	90,445	23,206	Steele	102,839	28,040
Itasca	125,312	27,722	Stevens	30,094	30,758
Jackson	19,675	19,583	Swift	27,911	29,658
Kanabec	31,471	19,664	Todd	51,687	21,149
Kandiyohi	136,808	32,071	Traverse	9,989	29,934
Kittson	13,561	31,268	Wabasha	69,473	32,313
Koochiching	39,456	31,205	Wadena	53,693	39,347
Lac qui Parle	23,557	34,781	Waseca	54,383	28,913
Lake	32,624	30,868	Washington	752,234	29,695
Lake of the Woods	10,705	28,104	Watsonwan	29,456	26,844
Le Sueur	63,667	22,752	Wilkin	12,901	20,339
Lincoln	15,467	27,102	Winona	164,386	32,330
Lyon	67,191	26,004	Wright	318,116	23,964
Mahnomen	10,778	19,575	Yellow Medicine	28,755	29,140
Marshall	15,826	16,851	Unknown/missing	619,090	

Percent of Tests Positive by County of Residence

Positive number of tests and positivity calculations include only tests reported by labs that report both positive and negative results. Percent positive is the percent of positive tests from the total number of tests by county of residence.



		7.2% % positive statewide (cumulative)	
County	% Positive	County	% Positive
Aitkin	7.2%	Martin	7.4%
Anoka	9.1%	McLeod	8.6%
Becker	5.8%	Meeker	8.0%
Beltrami	8.4%	Mille Lacs	8.7%
Benton	8.1%	Morrison	7.7%
Big Stone	5.2%	Mower	7.7%
Blue Earth	6.9%	Murray	7.6%
Brown	6.7%	Nicollet	6.5%
Carlton	4.9%	Nobles	12.3%
Carver	8.1%	Norman	4.4%
Cass	8.4%	Olmsted	6.5%
Chippewa	6.0%	Otter Tail	6.0%
Chisago	7.7%	Pennington	9.4%
Clay	7.2%	Pine	8.4%
Clearwater	9.3%	Pipestone	6.1%
Cook	3.2%	Polk	6.2%
Cottonwood	8.4%	Pope	7.0%
Crow Wing	6.1%	Ramsey	6.7%
Dakota	8.0%	Red Lake	9.8%
Dodge	7.0%	Redwood	6.9%
Douglas	7.9%	Renville	6.4%
Faribault	6.4%	Rice	4.9%
Fillmore	5.8%	Rock	5.8%
Freeborn	7.0%	Roseau	9.5%
Goodhue	7.1%	Scott	8.5%
Grant	7.2%	Sherburne	8.6%
Hennepin	6.8%	Sibley	7.9%
Houston	6.8%	St. Louis	5.6%
Hubbard	8.8%	Stearns	8.7%
Isanti	9.0%	Steele	8.0%
Itasca	6.8%	Stevens	6.8%
Jackson	8.9%	Swift	6.9%
Kanabec	9.4%	Todd	9.8%
Kandiyohi	8.1%	Traverse	5.9%
Kittson	6.5%	Wabasha	6.2%
Koochiching	5.3%	Wadena	7.0%
Lac qui Parle	5.6%	Waseca	8.4%
Lake	5.0%	Washington	7.4%
Lake of the Woods	5.7%	Watonwan	7.4%
Le Sueur	7.9%	Wilkin	8.3%
Lincoln	6.1%	Winona	5.9%
Lyon	9.1%	Wright	9.3%
Mahnomen	6.9%	Yellow Medicine	6.8%
Marshall	10.4%	Unknown/missing	4.4%

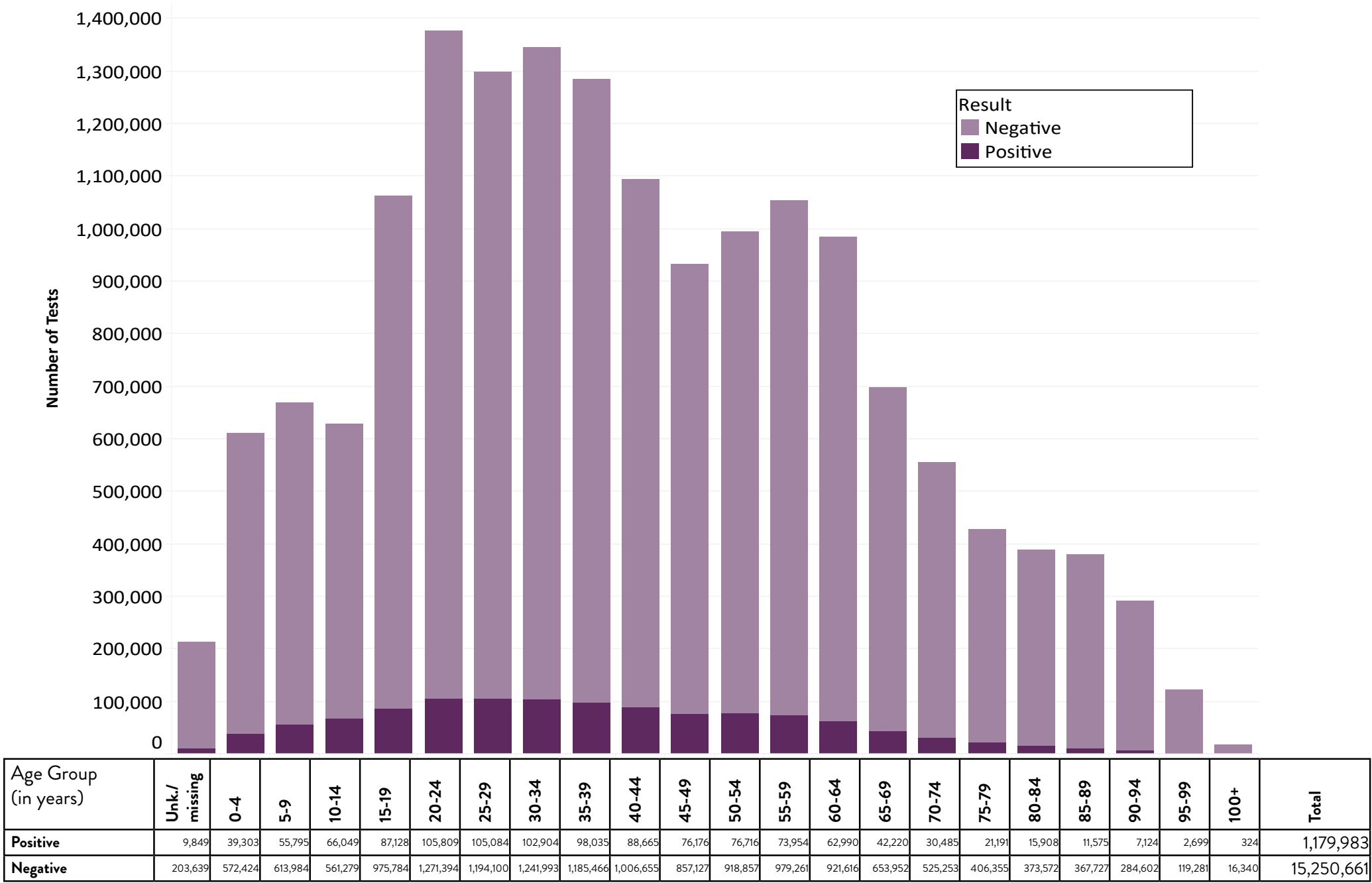
Weekly Percent of Tests Positive by County of Residence

Percent of positive tests by county of residence in Minnesota by week of specimen collection. Only tests reported by laboratories reporting both positive and negative results are included in positivity calculations. Percent positive is the percent of positive tests from the total number of tests by county of residence.

Week 48: 11/28/21-12/4/21	Week 49: 12/5/21-12/11/21	Week 50: 12/12/21-12/18/21	Week 51: 12/19/21-12/25/21	Week 52: 12/26/21-12/31/21
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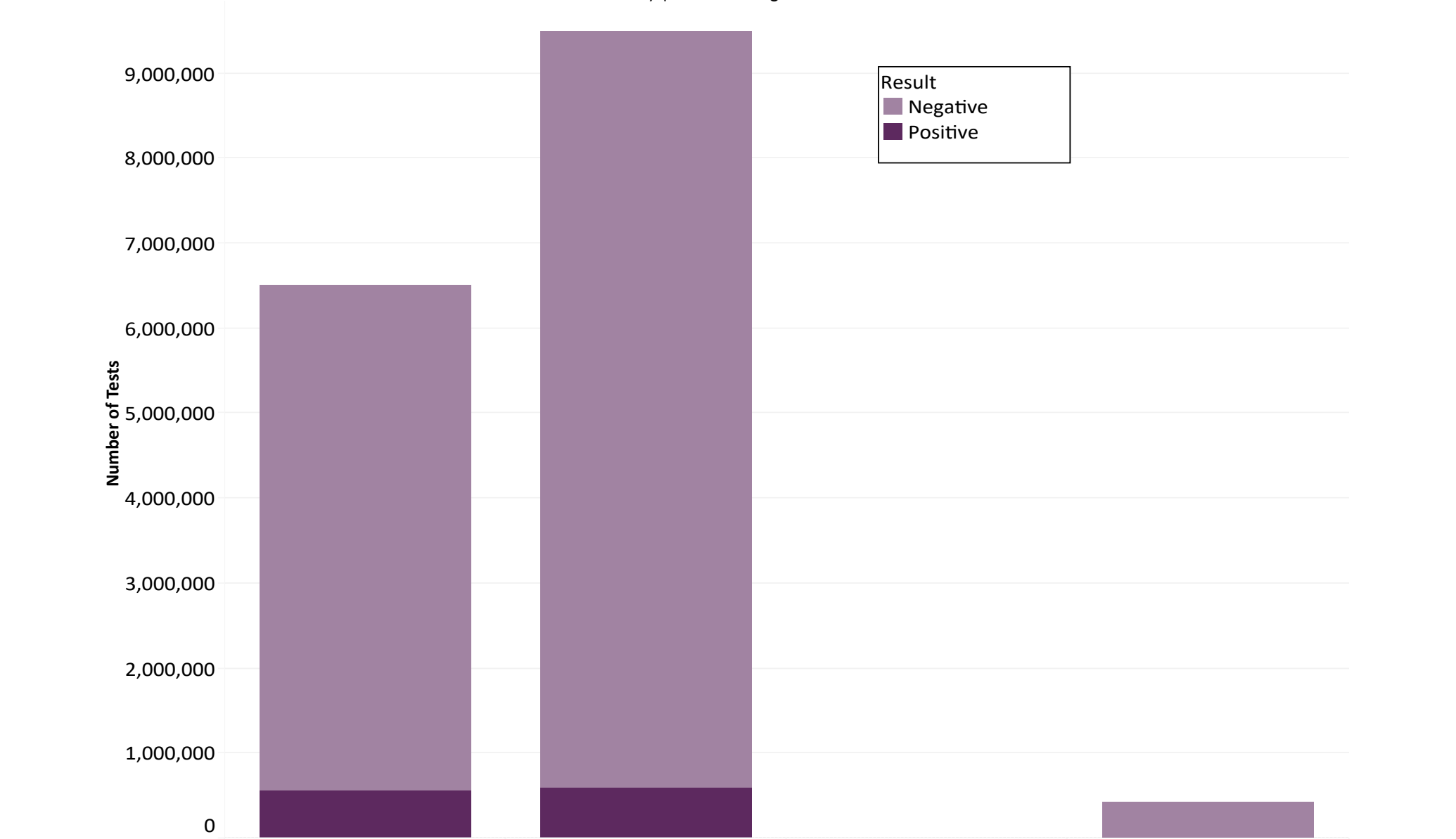
Testing Demographics: Age

Number of positive and negative tests by age group. Only tests reported by laboratories reporting both positive and negative results are included in positivity calculations, inconclusive test results are not included (inconclusive test results are those that are not clearly positive or negative).



Testing Demographics: Gender

Number of positive and negative tests by gender. Only tests reported by laboratories reporting both positive and negative results are included in positivity calculations, inconclusive test results are not included (inconclusive test results are those that are not clearly positive or negative).



Gender	Male	Female	Other	Unk./missing	Total
Positive	566,800	600,047	17	13,119	1,179,983
Negative	5,941,192	8,895,169	38	414,262	15,250,661

Positive COVID-19 Cases

Total positive cases are represented by the date of positive specimen collection.

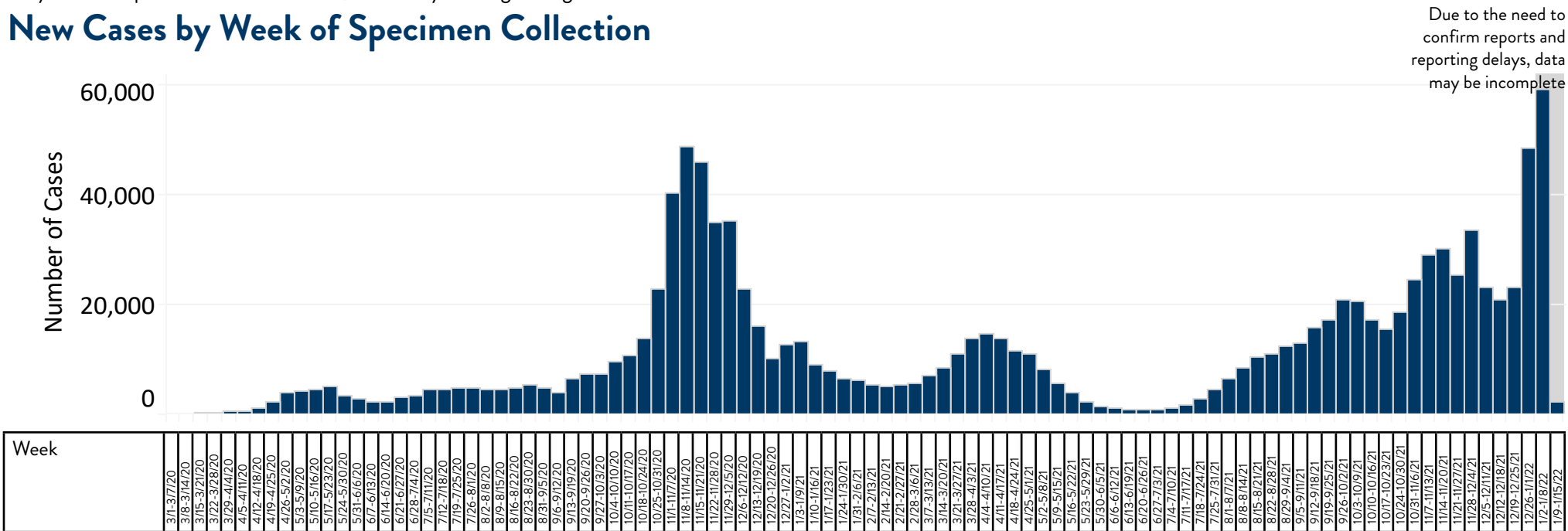
1,126,697
Total Positive Cases,
including Reinfections
(cumulative)

■ Tables of current data: [Minnesota Situation Update for Coronavirus Disease 2019 \(COVID-19\) \(https://www.health.state.mn.us/diseases/coronavirus/situation.html\)](https://www.health.state.mn.us/diseases/coronavirus/situation.html)

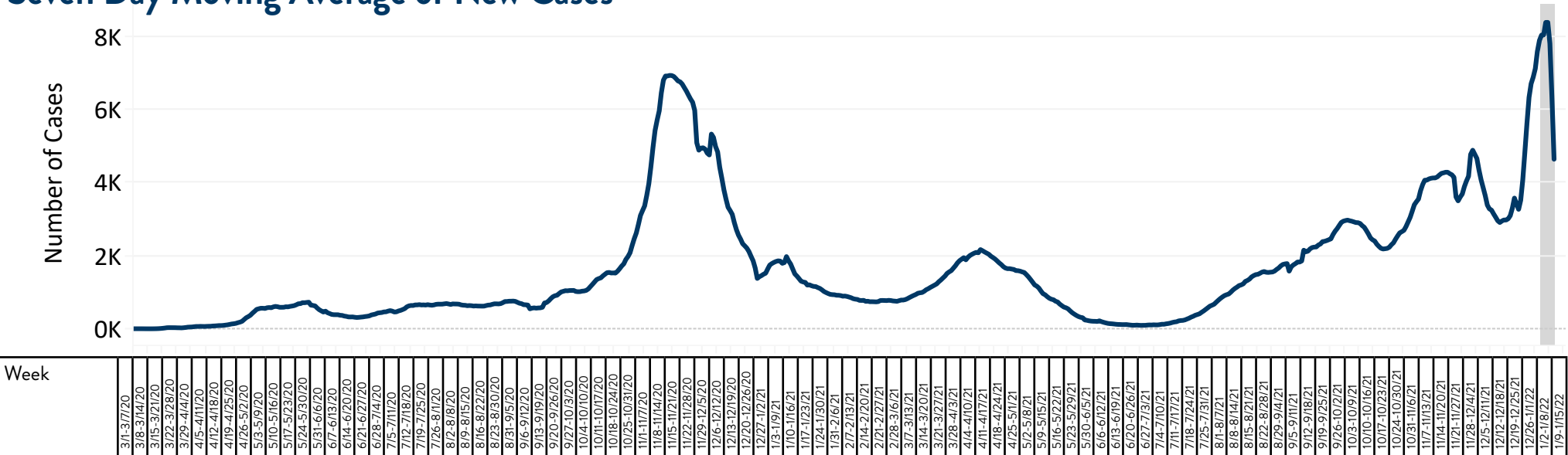
New Cases by Week, 7-Day Average

Cases by week of specimen collection date, and 7-day moving average of new cases.

New Cases by Week of Specimen Collection

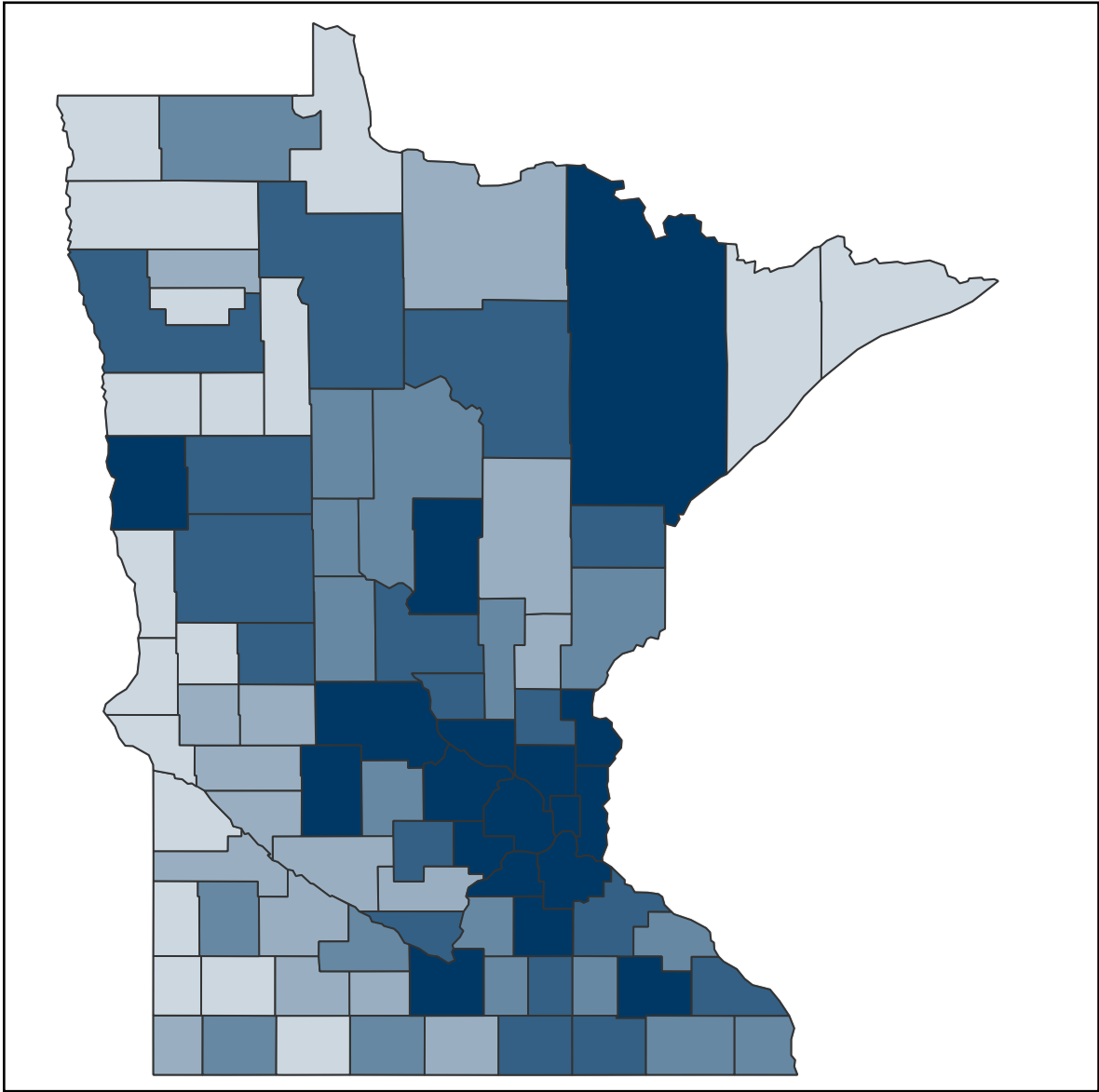


Seven Day Moving Average of New Cases



Cases by County of Residence

Cumulative number of positive cases by county of residence, cases no longer needing isolation. Cases no longer needing isolation represents individuals with COVID-19 who no longer need to self-isolate. MDH does not track cases over time to determine whether they have fully recovered.



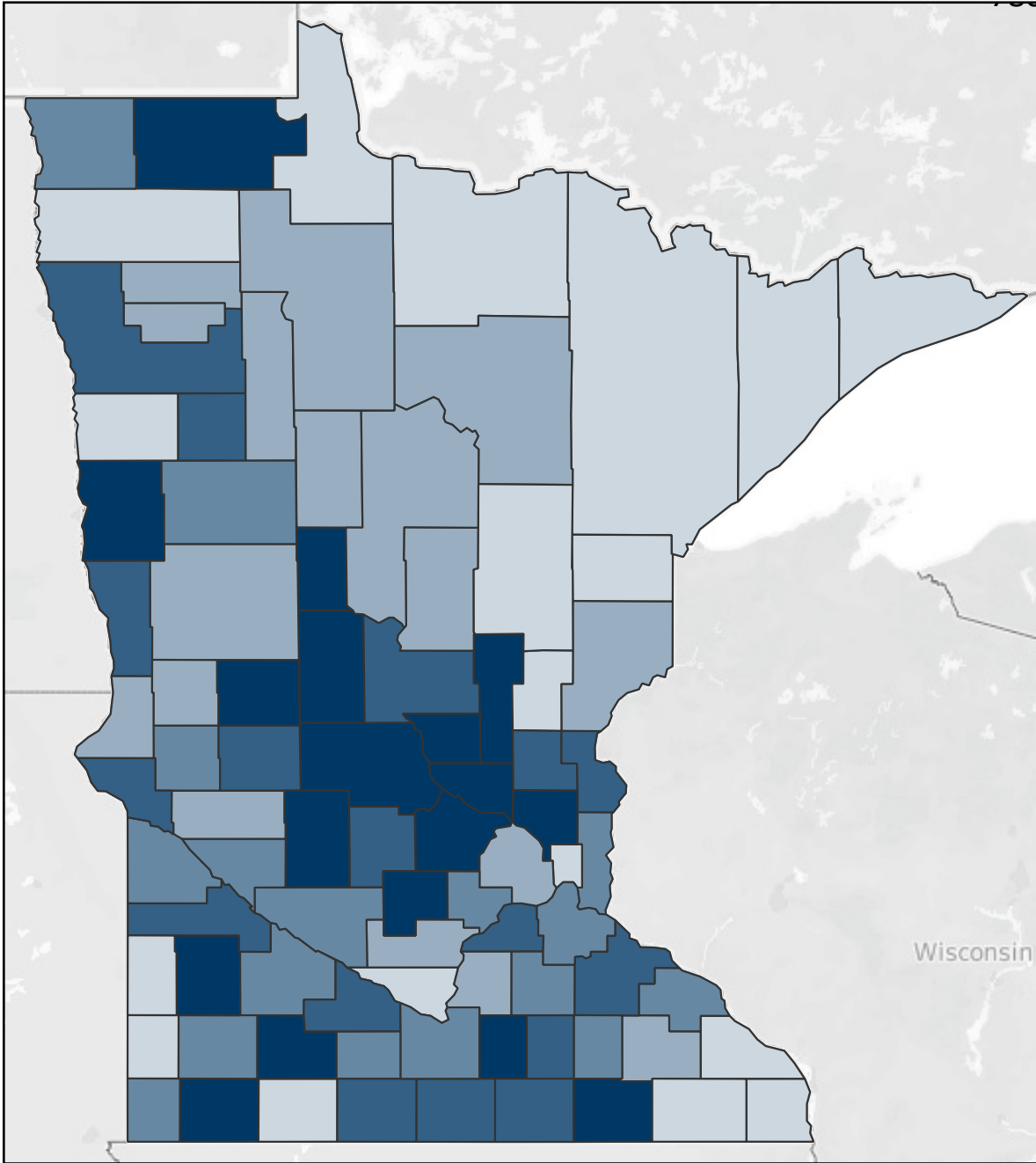
- Up to date data for this chart is provided in the Minnesota Situation Update for Coronavirus Disease 2019 (COVID-19) (<https://www.health.state.mn.us/diseases/coronavirus/situation.html>)
- Confirmed cases by USPS zip code of residence is available as a downloadable CSV file at: Minnesota COVID-19 Weekly Report (<https://www.health.state.mn.us/diseases/coronavirus/stats/index.html>)

1,126,697 Total Positive Cases (cumulative)			1,054,656 No Longer Needing Isolation (cumulative)		
County	Cases	Cases no longer needing isolation	County	Cases	Cases no longer needing isolation
Aitkin	2,505	2,397	Martin	4,451	4,266
Anoka	79,046	74,448	McLeod	8,331	7,965
Becker	6,915	6,642	Meeker	4,925	4,753
Beltrami	9,305	8,813	Mille Lacs	6,077	5,830
Benton	10,752	10,138	Morrison	7,419	7,152
Big Stone	1,094	1,036	Mower	8,984	8,225
Blue Earth	13,620	12,948	Murray	1,713	1,622
Brown	5,290	5,052	Nicollet	6,102	5,778
Carlton	6,406	6,142	Nobles	5,782	5,500
Carver	20,673	19,612	Norman	1,134	1,093
Cass	5,589	5,378	Olmsted	28,820	25,863
Chippewa	2,441	2,338	Otter Tail	10,902	10,532
Chisago	11,689	11,209	Pennington	2,799	2,678
Clay	14,278	13,356	Pine	5,893	5,711
Clearwater	1,746	1,676	Pipestone	1,705	1,605
Cook	414	374	Polk	6,663	6,348
Cottonwood	2,622	2,475	Pope	2,375	2,297
Crow Wing	12,790	12,288	Ramsey	96,274	88,474
Dakota	85,520	79,699	Red Lake	773	728
Dodge	4,301	4,053	Redwood	3,176	3,047
Douglas	8,942	8,530	Renville	3,000	2,888
Faribault	3,005	2,843	Rice	13,616	12,749
Fillmore	3,694	3,522	Rock	1,969	1,858
Freeborn	6,877	6,454	Roseau	3,572	3,431
Goodhue	10,004	9,406	Scott	32,218	30,423
Grant	1,176	1,130	Sherburne	22,366	21,302
Hennepin	233,623	215,711	Sibley	2,900	2,820
Houston	3,446	3,267	St. Louis	35,203	33,349
Hubbard	3,972	3,819	Stearns	40,179	37,827
Isanti	8,328	7,925	Steele	8,046	7,641
Itasca	8,956	8,564	Stevens	2,047	1,960
Jackson	1,817	1,736	Swift	1,856	1,815
Kanabec	2,936	2,828	Todd	5,566	5,355
Kandiyohi	10,990	10,596	Traverse	655	630
Kittson	892	848	Wabasha	4,378	4,184
Koochiching	2,075	1,997	Wadena	3,376	3,231
Lac qui Parle	1,404	1,340	Waseca	4,470	4,303
Lake	1,555	1,470	Washington	51,479	48,001
Lake of the Woods	597	573	Watonwan	2,265	2,174
Le Sueur	5,316	5,113	Wilkin	1,337	1,288
Lincoln	1,002	955	Winona	9,525	8,858
Lyon	5,971	5,671	Wright	30,531	29,253
Mahnomen	1,215	1,155	Yellow Medicine	2,116	2,027
Marshall	1,714	1,658	Unknown/missing	3,226	637

Cumulative Case Rate by County of Residence

2,038
cases per 10,000 people

Cumulative number of cases by county of residence per 10,000 people.



County	Cumulative Rate	County	Cumulative Rate
Aitkin	1,582	Martin	2,230
Anoka	2,275	McLeod	2,325
Becker	2,047	Meeker	2,134
Beltrami	2,018	Mille Lacs	2,362
Benton	2,703	Morrison	2,252
Big Stone	2,181	Mower	2,269
Blue Earth	2,054	Murray	2,051
Brown	2,098	Nicollet	1,806
Carlton	1,802	Nobles	2,648
Carver	2,059	Norman	1,729
Cass	1,926	Olmsted	1,883
Chippewa	2,032	Otter Tail	1,880
Chisago	2,136	Pennington	1,973
Clay	2,274	Pine	2,023
Clearwater	1,981	Pipestone	1,856
Cook	780	Polk	2,109
Cottonwood	2,306	Pope	2,163
Crow Wing	2,003	Ramsey	1,778
Dakota	2,045	Red Lake	1,929
Dodge	2,090	Redwood	2,072
Douglas	2,404	Renville	2,038
Faribault	2,162	Rice	2,070
Fillmore	1,768	Rock	2,092
Freeborn	2,253	Roseau	2,310
Goodhue	2,165	Scott	2,247
Grant	1,980	Sherburne	2,399
Hennepin	1,891	Sibley	1,945
Houston	1,846	St. Louis	1,759
Hubbard	1,904	Stearns	2,562
Isanti	2,137	Steele	2,194
Itasca	1,981	Stevens	2,092
Jackson	1,809	Swift	1,972
Kanabec	1,835	Todd	2,277
Kandiyohi	2,576	Traverse	1,963
Kittson	2,057	Wabasha	2,036
Koochiching	1,641	Wadena	2,474
Lac qui Parle	2,073	Waseca	2,377
Lake	1,471	Washington	2,032
Lake of the Woods	1,567	Watonwan	2,064
Le Sueur	1,900	Wilkin	2,108
Lincoln	1,756	Winona	1,873
Lyon	2,311	Wright	2,300
Mahnomen	2,207	Yellow Medicine	2,144
Marshall	1,825		

Weekly Case Rate by County of Residence

Number of cases by county of residence in Minnesota per 10,000 people by week of specimen collection.

Week 48: 11/28/21-12/4/21	Week 49: 12/5/21-12/11/21	Week 50: 12/12/21-12/18/21	Week 51: 12/19/21-12/25/21	Week 52: 12/26/21-12/31/21
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Hospitalizations, ICU Hospitalizations

Hospitalization data show how many people required admission to a hospital and ICU. Admissions include all Minnesota cases regardless of location of hospitalization. Cases in residents of other states hospitalized in Minnesota are not included.

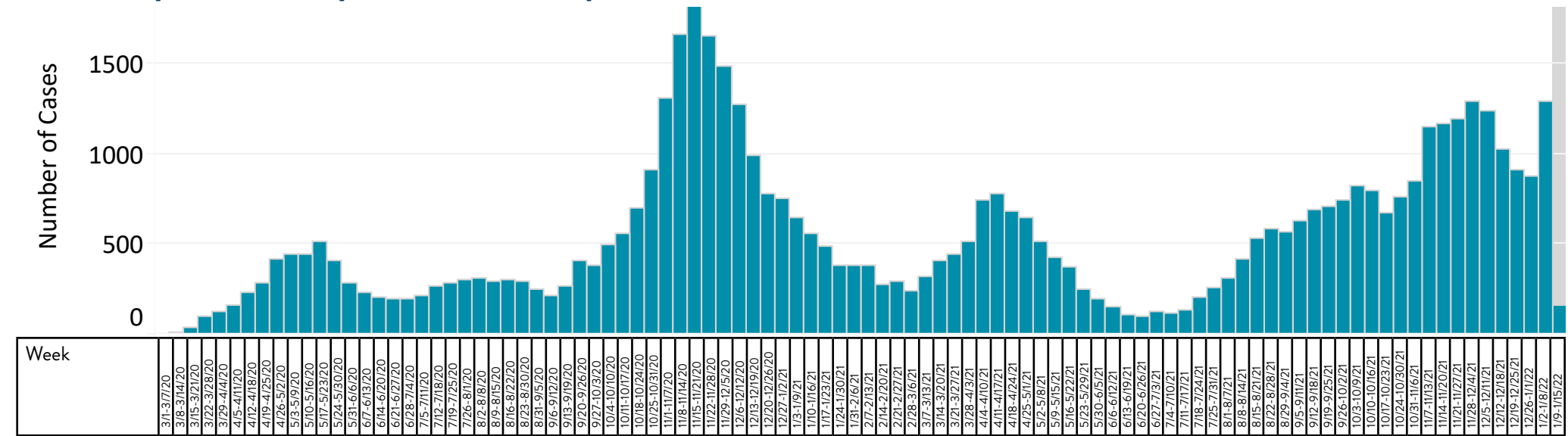


■ Tables of current data: [Minnesota Situation Update for Coronavirus Disease 2019 \(COVID-19\) \(https://www.health.state.mn.us/diseases/coronavirus/situation.html\)](https://www.health.state.mn.us/diseases/coronavirus/situation.html)

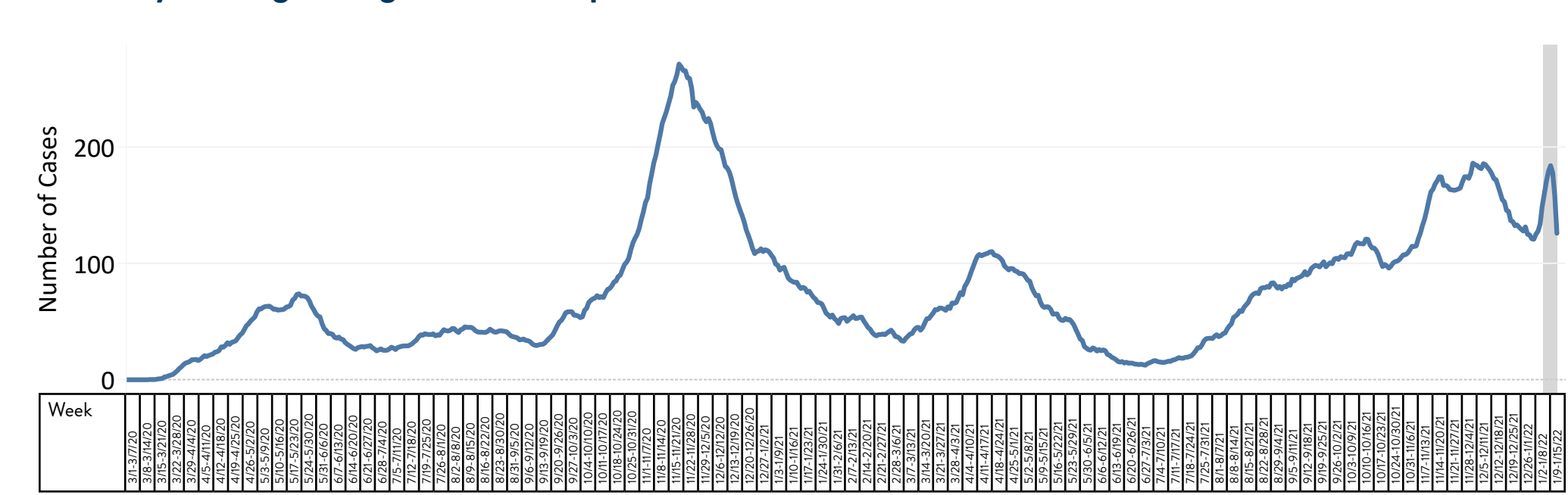
Hospitalizations by Week, 7-Day Average

Cases by week of initial hospitalization, and 7-day moving average of new hospitalizations.

New Hospitalization by Week First Hospital Admission



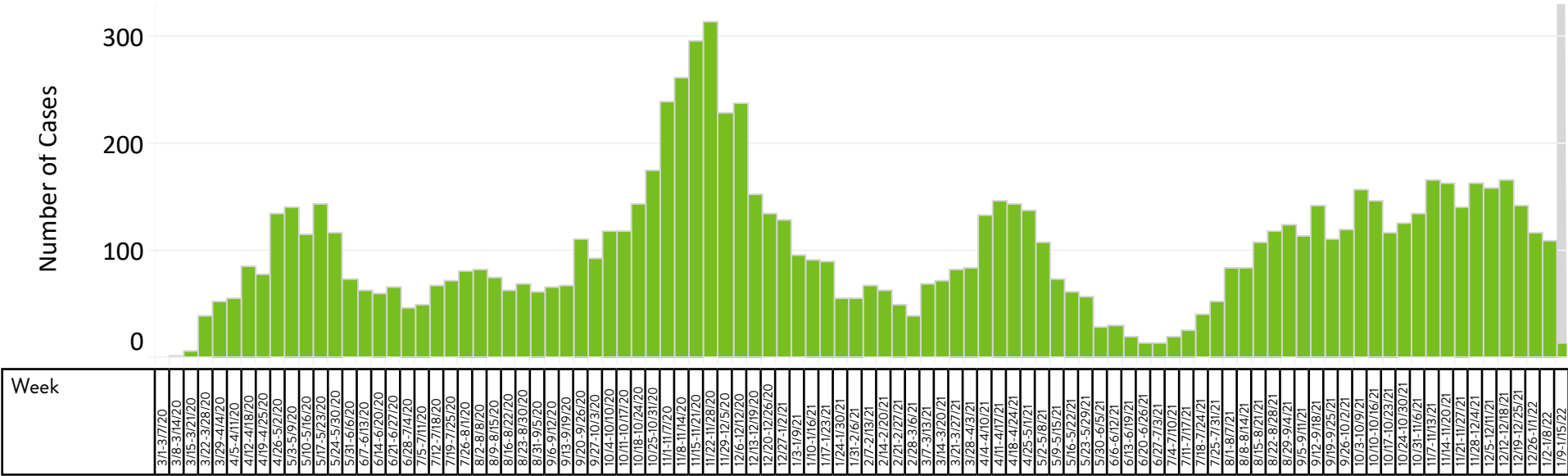
Seven Day Moving Average of New Hospitalizations



ICU Hospitalizations by Week, 7-Day Average

Cases by week of ICU hospital admission, and 7-day moving average of new ICU hospitalizations.

New ICU Hospitalizations by Week of First ICU Hospital Admission



Seven Day Moving Average of New ICU Hospitalizations



COVID-19 Deaths

10,939
Total Deaths
(cumulative)

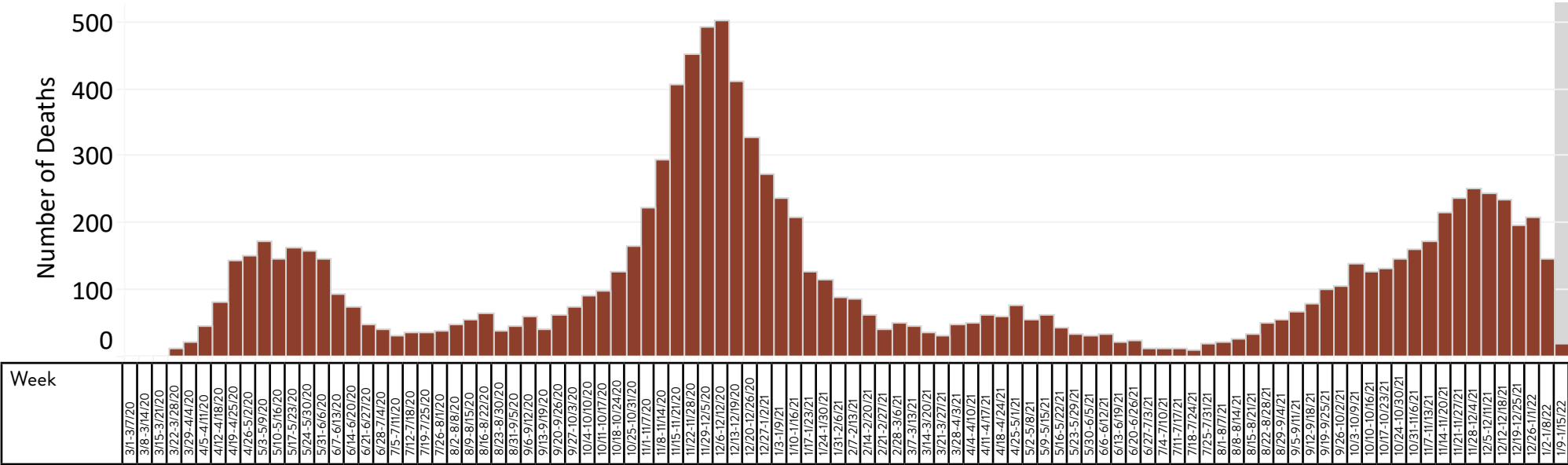
Total deaths (also known as total deaths with laboratory testing) are deaths due to COVID-19 with a positive PCR test (confirmed case) or antigen test (probable case) for SARS-CoV-2, and either COVID-19 is listed on the death certificate or clinical history/autopsy findings that provide evidence that the death is related to COVID-19 without an alternative cause (i.e. drowning, homicide, trauma, etc.).

■ Tables of current data and more information about total deaths (also known as total deaths with laboratory testing) and non-laboratory-confirmed deaths: [Minnesota Situation Update for Coronavirus Disease 2019 \(COVID-19\)](https://www.health.state.mn.us/diseases/coronavirus/situation.html) (<https://www.health.state.mn.us/diseases/coronavirus/situation.html>)

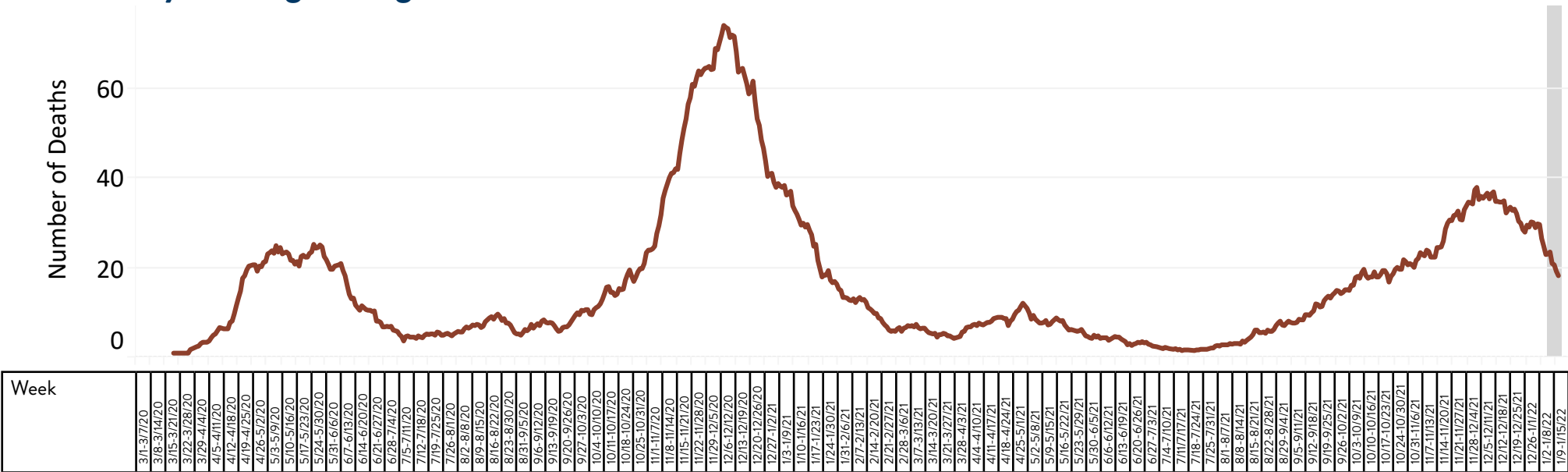
Deaths by Week, 7-Day Average

Cases by week of death, and 7-day moving average of deaths.

Deaths by Week of Death

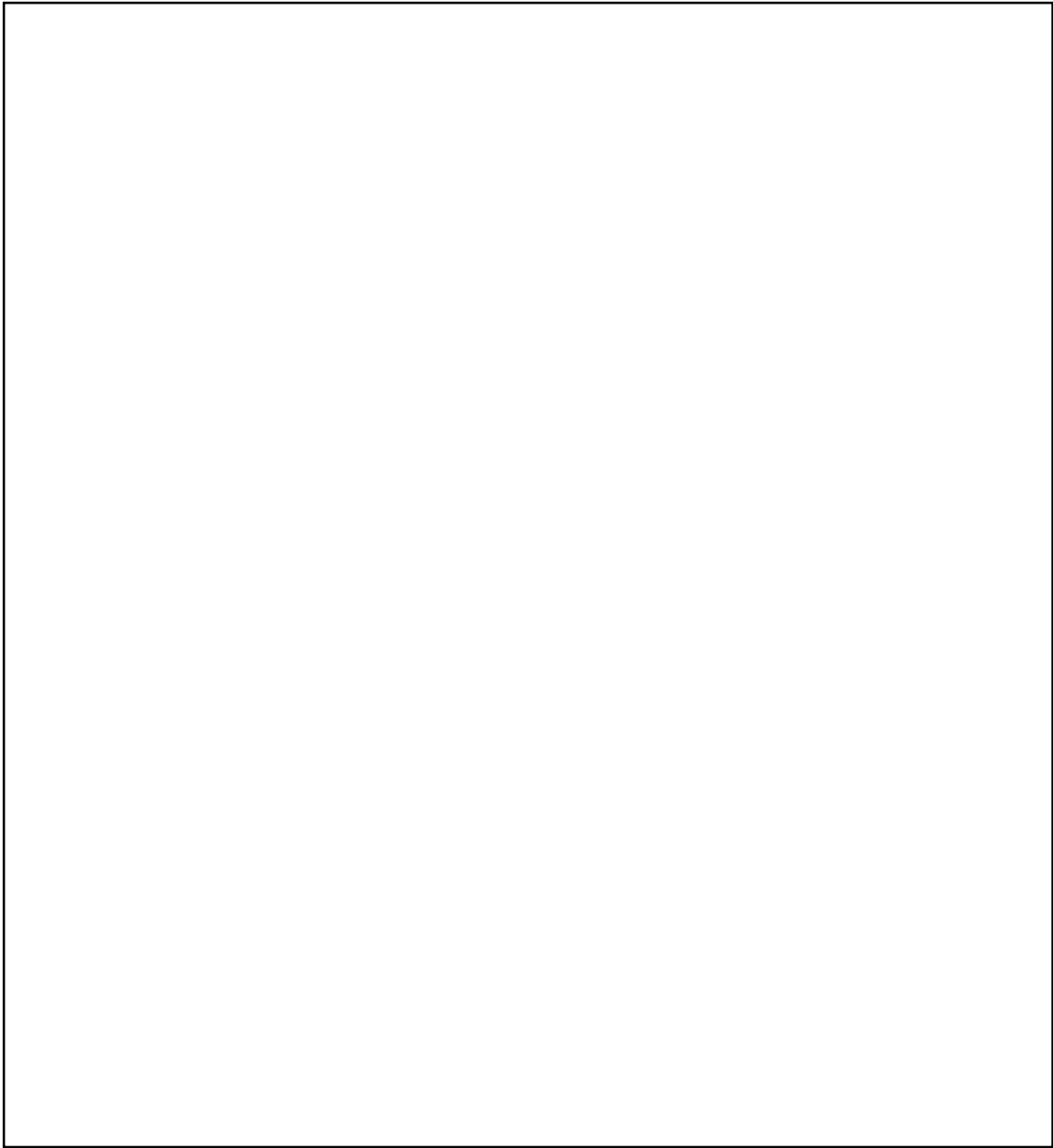


Seven Day Moving Average of Deaths



Deaths by County of Residence

Cumulative number of deaths by county of residence.



■ Up to date data for this chart is provided in the [Minnesota Situation Update for Coronavirus Disease 2019 \(COVID-19\)](https://www.health.state.mn.us/diseases/coronavirus/situation.html) (<https://www.health.state.mn.us/diseases/coronavirus/situation.html>)

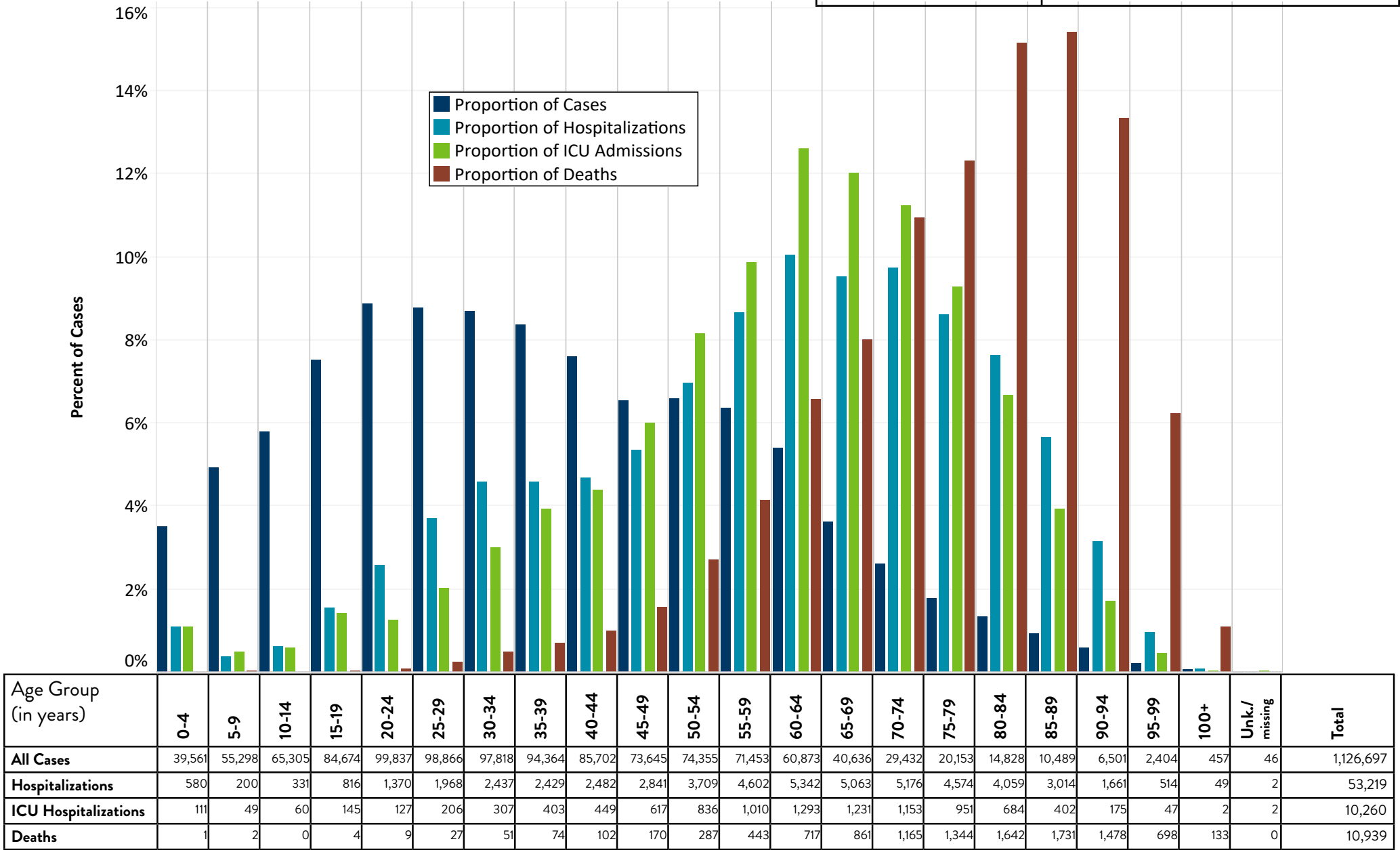
10,939
Total Deaths (cumulative)

County	Deaths	County	Deaths
Aitkin	55	Martin	53
Anoka	708	McLeod	97
Becker	82	Meeker	70
Beltrami	112	Mille Lacs	99
Benton	146	Morrison	92
Big Stone	7	Mower	58
Blue Earth	84	Murray	14
Brown	69	Nicollet	63
Carlton	82	Nobles	56
Carver	93	Norman	11
Cass	66	Olmsted	146
Chippewa	43	Otter Tail	148
Chisago	106	Pennington	34
Clay	114	Pine	56
Clearwater	27	Pipestone	31
Cook	1	Polk	92
Cottonwood	36	Pope	14
Crow Wing	146	Ramsey	1,172
Dakota	685	Red Lake	11
Dodge	14	Redwood	50
Douglas	109	Renville	52
Faribault	44	Rice	152
Fillmore	18	Rock	32
Freeborn	56	Roseau	37
Goodhue	112	Scott	221
Grant	12	Sherburne	160
Hennepin	2,258	Sibley	23
Houston	18	St. Louis	468
Hubbard	52	Stearns	328
Isanti	101	Steele	46
Itasca	122	Stevens	11
Jackson	16	Swift	30
Kanabec	48	Todd	54
Kandiyohi	123	Traverse	8
Kittson	25	Wabasha	13
Koochiching	32	Wadena	45
Lac qui Parle	26	Waseca	36
Lake	26	Washington	421
Lake of the Woods	5	Watonwan	22
Le Sueur	44	Wilkin	19
Lincoln	5	Winona	63
Lyon	68	Wright	270
Mahnomen	17	Yellow Medicine	25
Marshall	23	Unknown/missing	0

Demographics: Age

Age groups, median age, and range for cases.

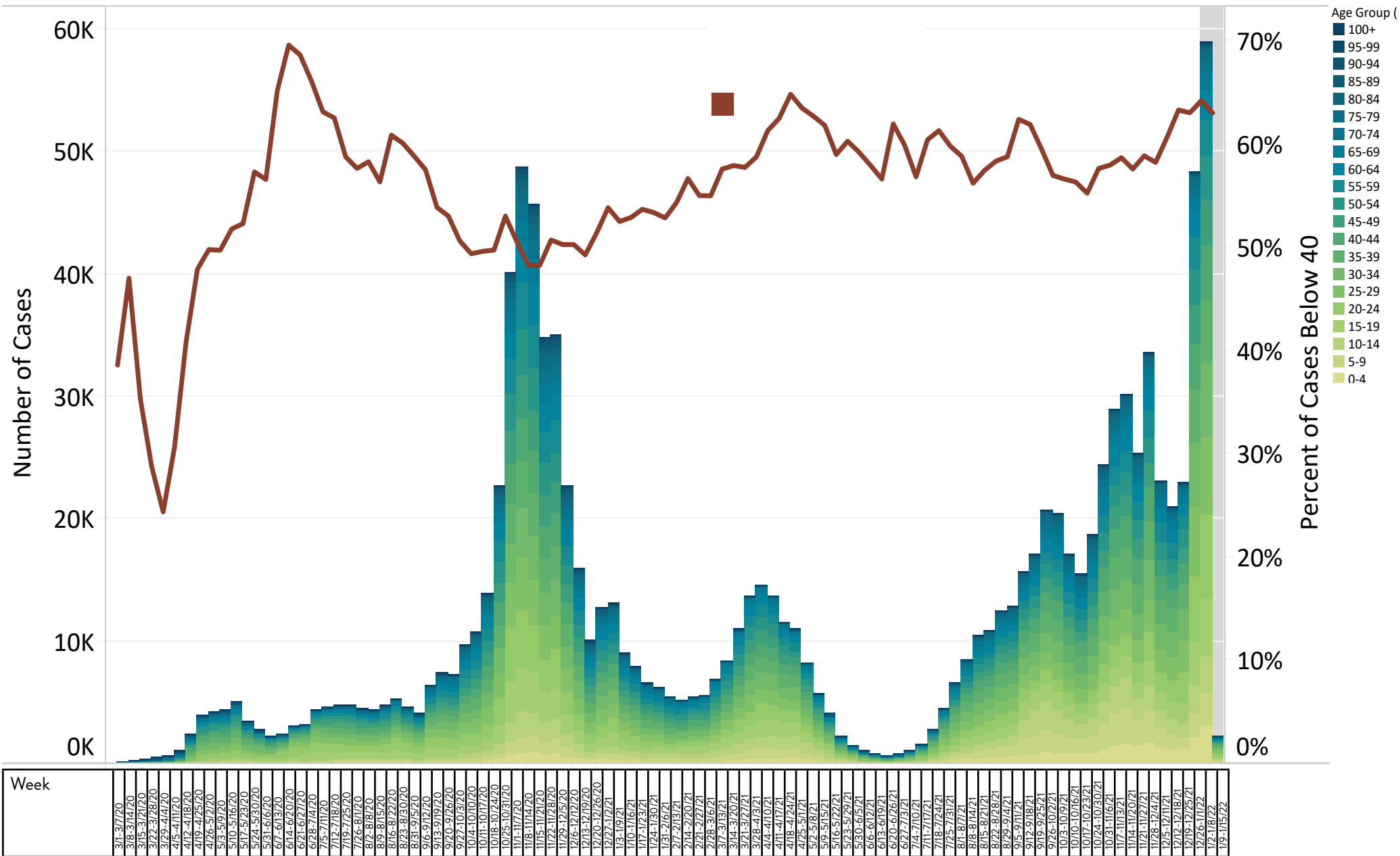
	Median Age (Range) in Years
All Cases	36 (<1 month - 110)
Non-Hospitalized Cases	35 (<1 month - 110)
Hospitalizations	62 (<1 month - 105)
ICU Hospitalizations	63 (<1 month - 105)
Deaths	80 (<1 - 109)



Cases by Age Group and Specimen Collection Date

Cases by age group by date of specimen collection in Minnesota.

Due to the need to confirm reports and reporting delays, data may be incomplete

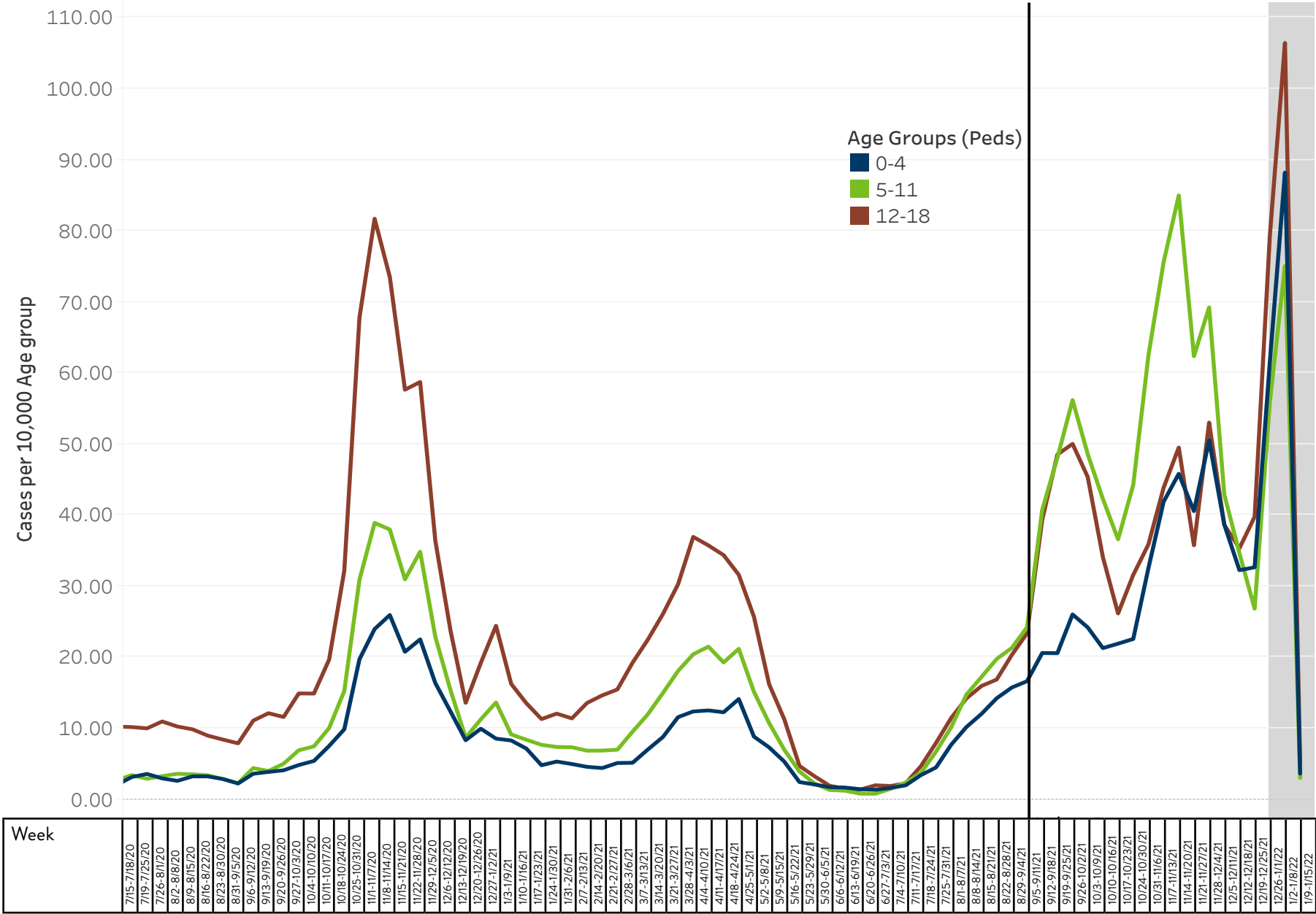


Downloadable CSV file of current data for this graph is provided at: [Minnesota COVID-19 Weekly Report \(https://www.health.state.mn.us/diseases/coronavirus/stats/index.html\)](https://www.health.state.mn.us/diseases/coronavirus/stats/index.html)

Case Rate in Children by Specimen Collection Date

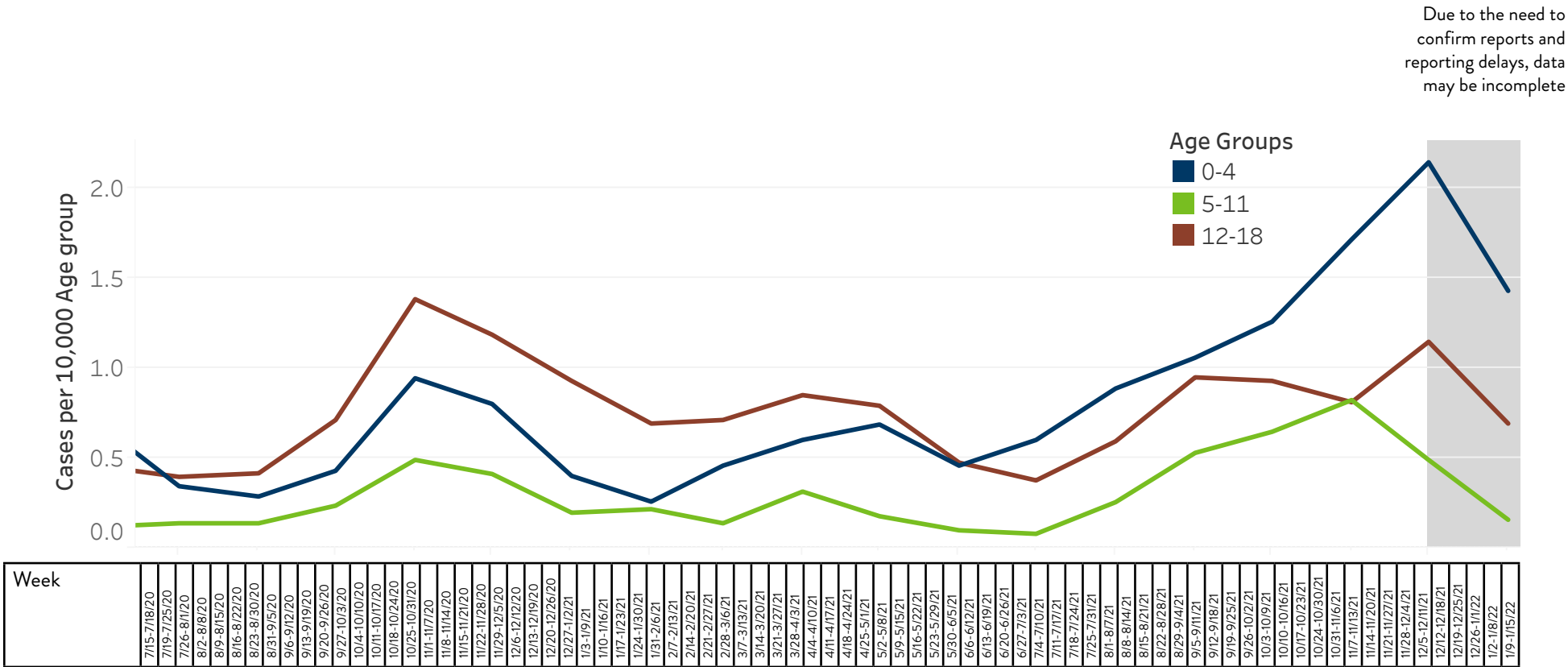
Cases by age group for children in Minnesota (cases 18 years of age and under) per 10,000 people by date of specimen collection.

Due to the need to confirm reports and reporting delays, data may be incomplete



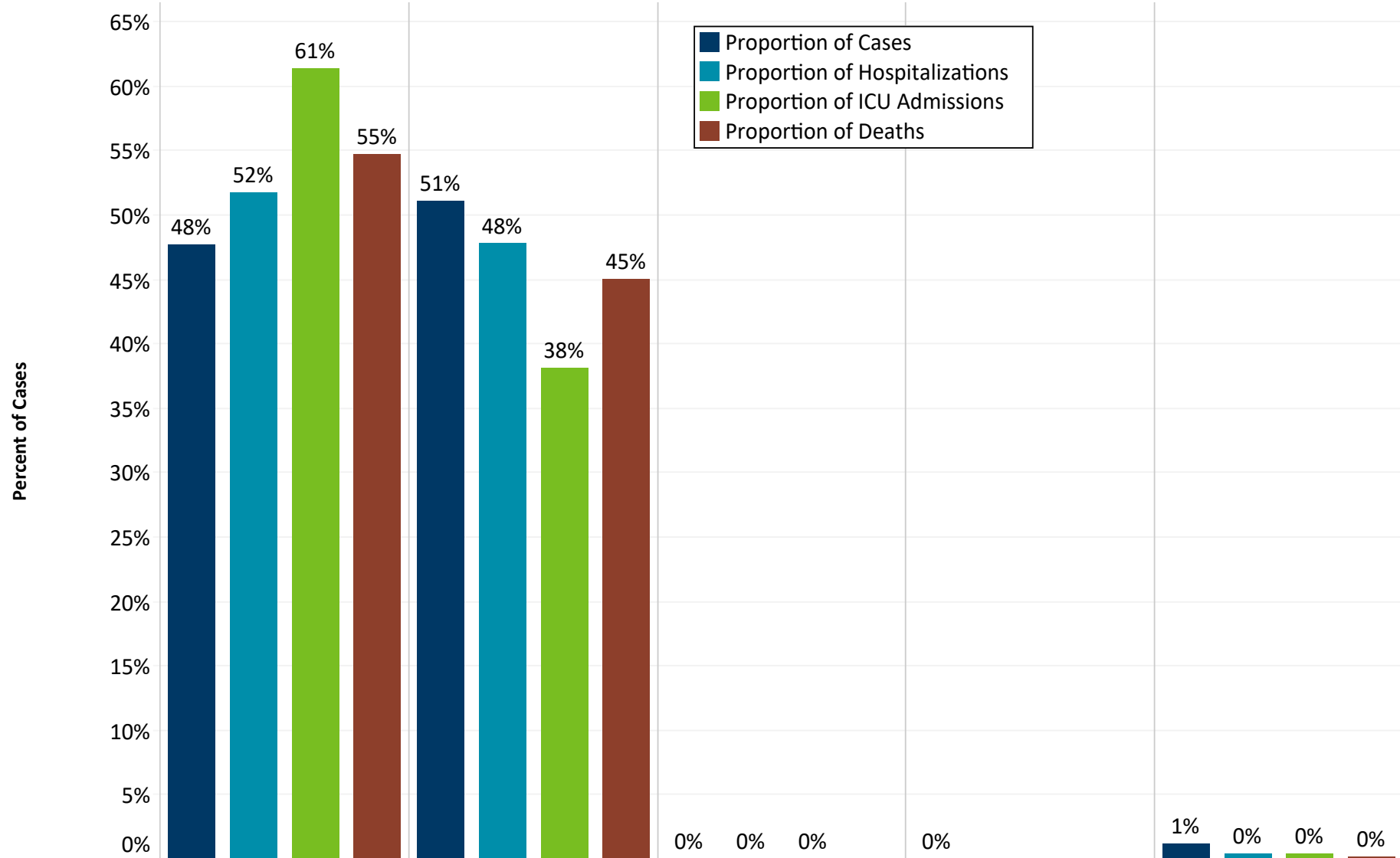
Hospitalization Rate in Children by Specimen Collection Date

Hospitalizations by age group for children in Minnesota (cases 18 years of age and under) per 10,000 people by date of specimen collection.



Demographics: Gender

Gender is collected during case interview and is self-reported.



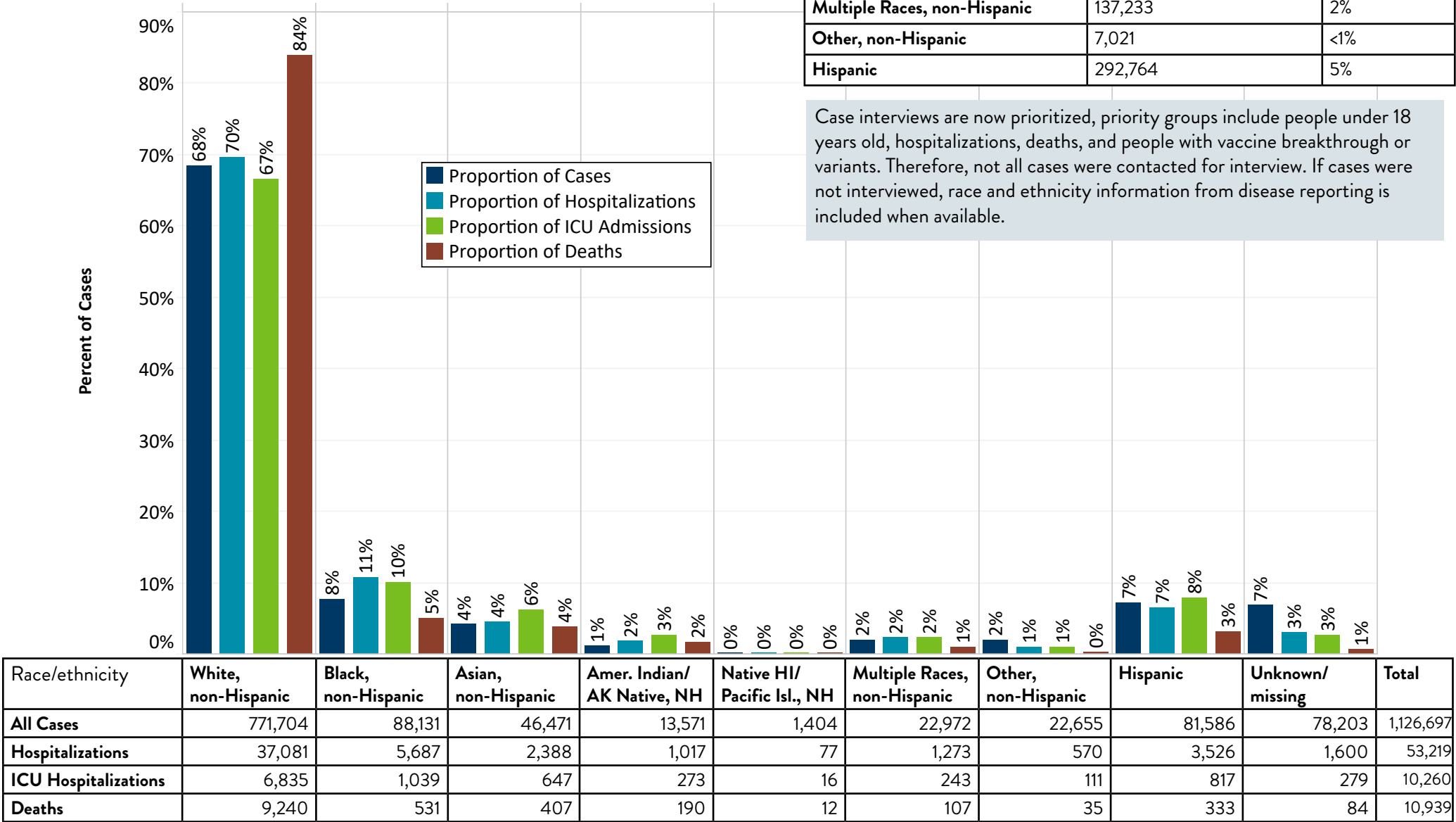
Gender	Male	Female	Other	Unk./missing	Total
All Cases	537,917	575,627	172	12,981	1,126,697
Hospitalizations	27,546	25,414	2	257	53,219
ICU Hospitalizations	6,300	3,915	1	44	10,260
Deaths	5,961	4,947	0	31	10,939

Demographics: Race & Ethnicity

Race and ethnicity is reported during case interview. Individuals who report more than one race are categorized into the multiple race category.

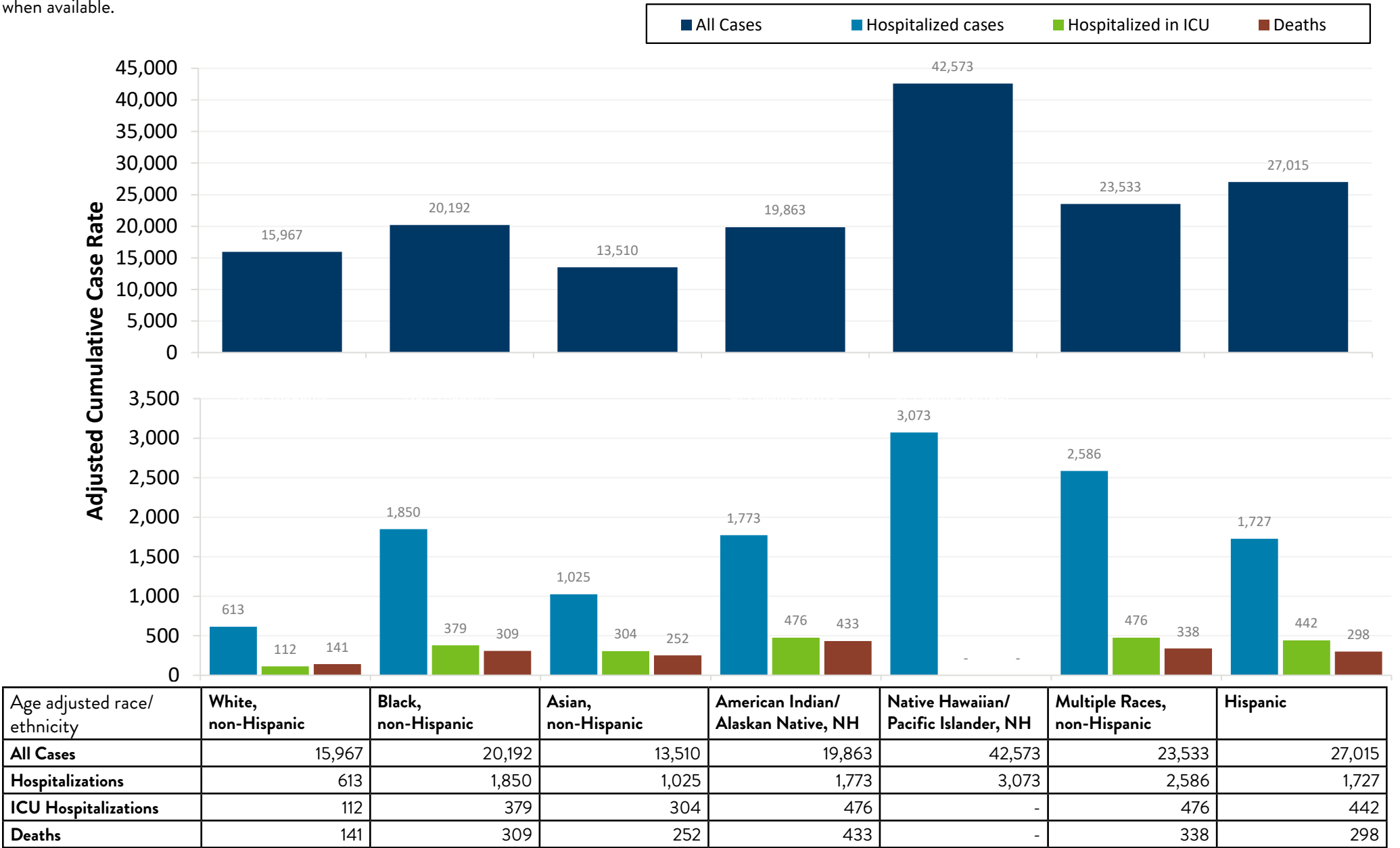
Race/Ethnicity	Minnesota Population (2018)	% of Population
White, non-Hispanic	4,438,071	80%
Black, non-Hispanic	336,505	6%
Asian, non-Hispanic	260,797	5%
American Indian/Alaska Native, non-Hispanic	53,168	1%
Native Hawaiian/Pacific Islander, non-Hispanic	1,799	<1%
Multiple Races, non-Hispanic	137,233	2%
Other, non-Hispanic	7,021	<1%
Hispanic	292,764	5%

Case interviews are now prioritized, priority groups include people under 18 years old, hospitalizations, deaths, and people with vaccine breakthrough or variants. Therefore, not all cases were contacted for interview. If cases were not interviewed, race and ethnicity information from disease reporting is included when available.



Age-Adjusted Race & Ethnicity Rates

Age-adjusted rates allow us to compare rates for racial and ethnic groups that have very different age distributions in Minnesota; they essentially allow us to look at what the rates would be if the underlying population age distribution was the same for all races. Rates have been suppressed when total cases are less than 25. Cumulative case rate is the number of cases by race or ethnicity per 100,000 people in Minnesota. Case interviews are now prioritized, priority groups include people under 18 years old, hospitalizations, deaths, and people with vaccine breakthrough or variants. Therefore, not all cases were contacted for interview. If cases were not interviewed, race and ethnicity information from disease reporting is included when available.



Potential Exposure in Child Care Settings

Cases of COVID-19 among children who attended child care with potential exposure in child care settings by specimen collection date. Data also include hospitalizations, ICU hospitalizations, and deaths of attendees and staff associated with a childcare program. All adult cases are not routinely interviewed. Child care programs included: licensed child care centers, certified centers, summer day camps, and school-age care during peacetime emergency. Does not include in-home child cares. Cases by week are by specimen collection date.

8,435

Total Child Care Attendees (cumulative)

41

Total Hospitalized Child Care-affiliated Attendee Cases (cumulative)

12

Total ICU Hospitalized Child Care-affiliated Attendee Cases (cumulative)

0

Total Child Care-affiliated Attendee Deaths (cumulative)

113

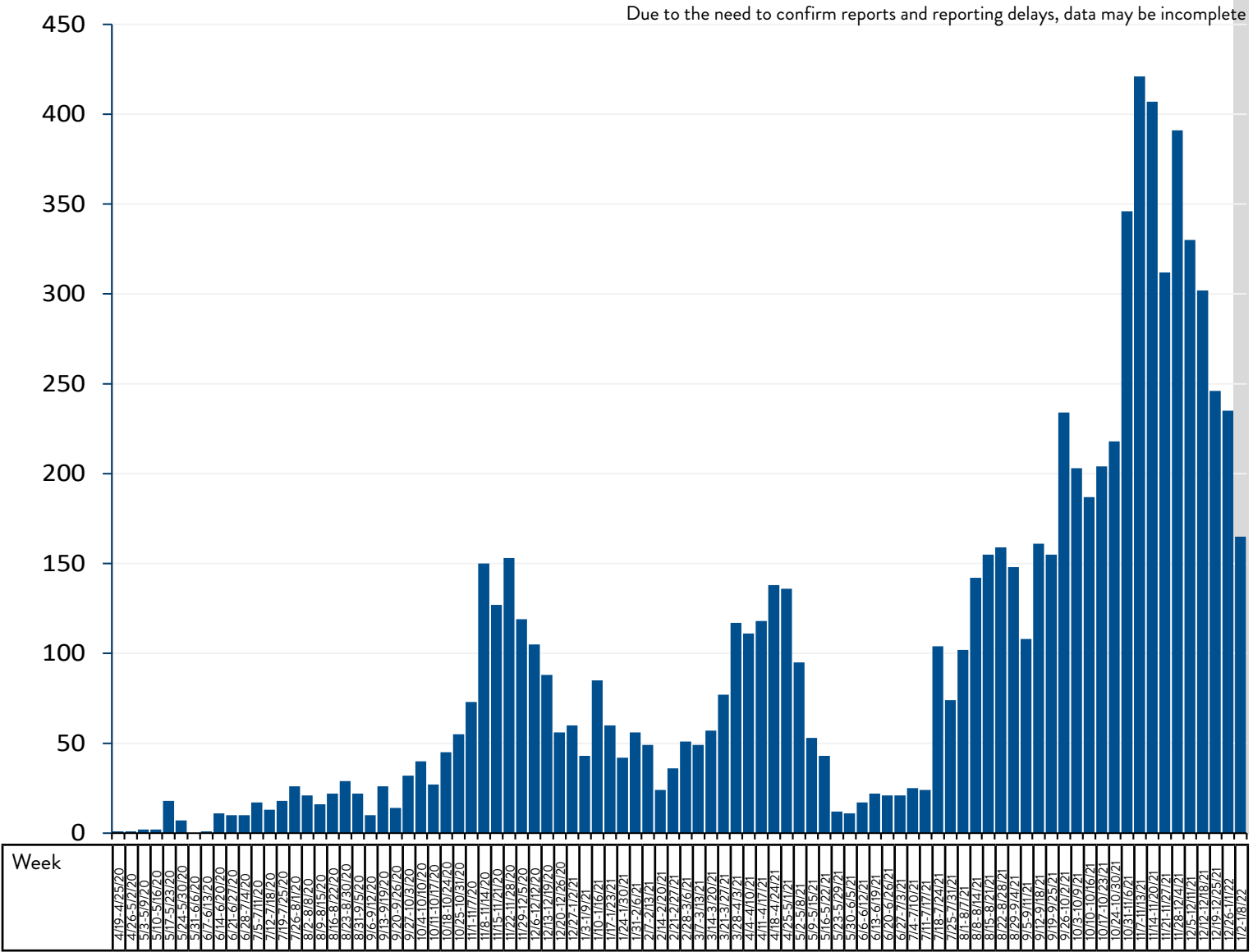
Total Hospitalized Child Care-affiliated Staff Cases (cumulative)

7

Total ICU Hospitalized Child Care-affiliated Staff Cases (cumulative)

2

Total Child Care-affiliated Staff Deaths (cumulative)



Student Cases Associated with Pre-K through Grade 12 School Buildings

Cases of COVID-19 associated with students attending school and hospitalizations, ICU hospitalizations, and deaths of staff working at a prekindergarten through grade 12 building while they were able to spread COVID-19. All adult cases are not routinely interviewed. These numbers include cases exposed in a school setting, cases exposed in other settings, and cases where the exposure setting was not confirmed. All Minnesota schools are represented including public, nonpublic, and tribal schools. Cases by week are by specimen collection date. Numbers listed as cumulative total are cumulative since Aug. 1, 2020.

54,922

Total PreK-12 Student Cases (cumulative)

218

Total Hospitalized PreK-12-affiliated Student Cases (cumulative)

30

Total ICU Hospitalized PreK-12-affiliated Student Cases (cumulative)

3

Total PreK-12-affiliated Student Deaths (cumulative)

328

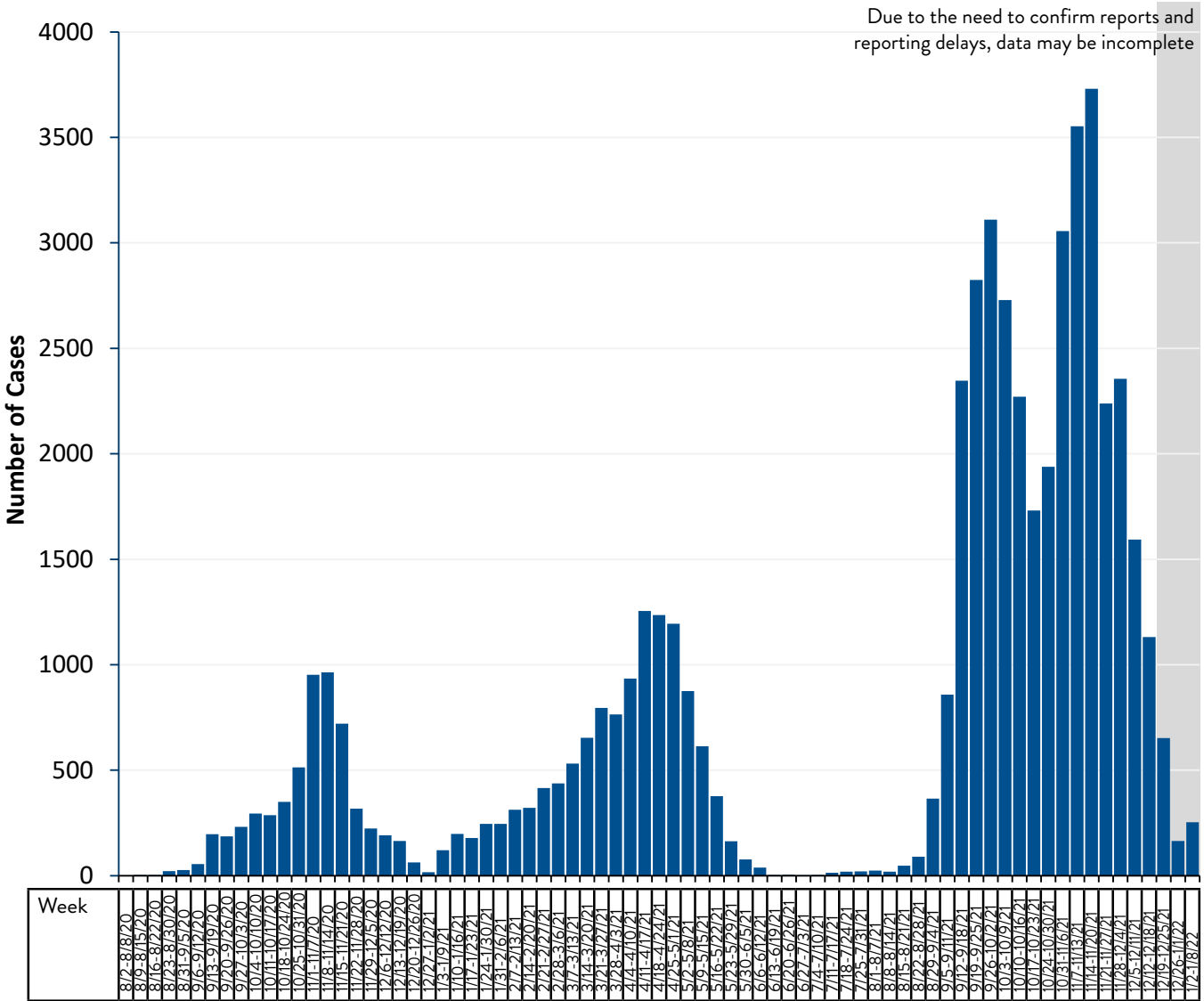
Total Hospitalized PreK-12-affiliated Staff Cases (cumulative)

61

Total ICU Hospitalized PreK-12-affiliated Staff Cases (cumulative)

19

Total PreK-12-affiliated Staff Deaths (cumulative)



A list of School buildings reporting 5 or more cases of COVID-19 in students who were in the building while infectious during a two-week reporting period by county is available in the [COVID-19 Weekly Report \(https://www.health.state.mn.us/diseases/coronavirus/stats/index.html\)](https://www.health.state.mn.us/diseases/coronavirus/stats/index.html)

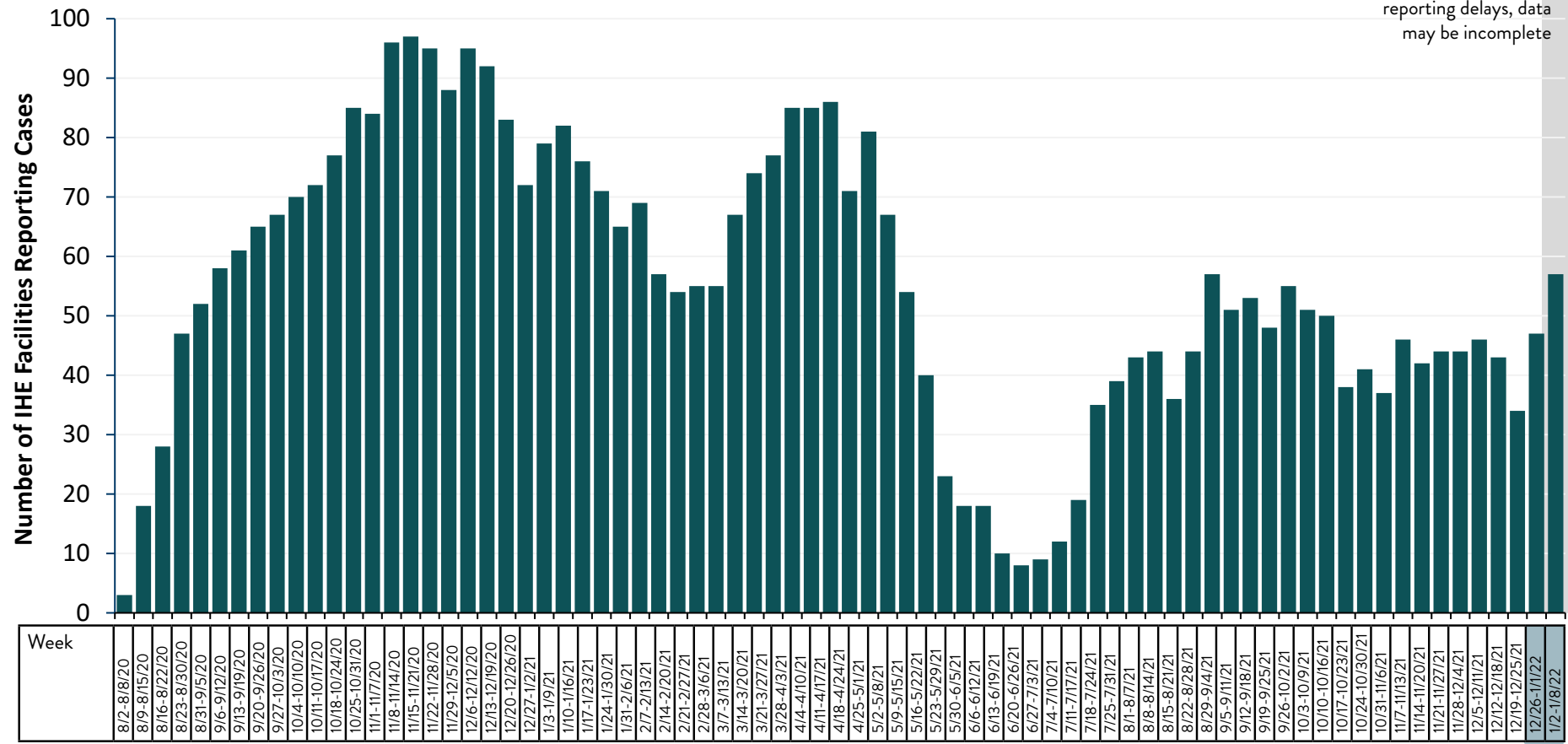
Minnesota IHE Facilities Reporting Cases

Number of facilities that have had cases of COVID-19 in faculty, staff, and students working or enrolled at a Minnesota IHE while they were potentially exposed to or able to spread COVID-19. IHE include colleges, universities, and private career schools. Number of IHE Facilities reporting cases by week are by specimen collection date. Numbers listed as cumulative total are cumulative since Aug. 1, 2020.

154

Total IHE Facilities that have Reported at Least One Case
(cumulative)

Due to the need to confirm reports and reporting delays, data may be incomplete



The IHE facility data will be changing in the coming weeks. This information is no longer collected for all cases.

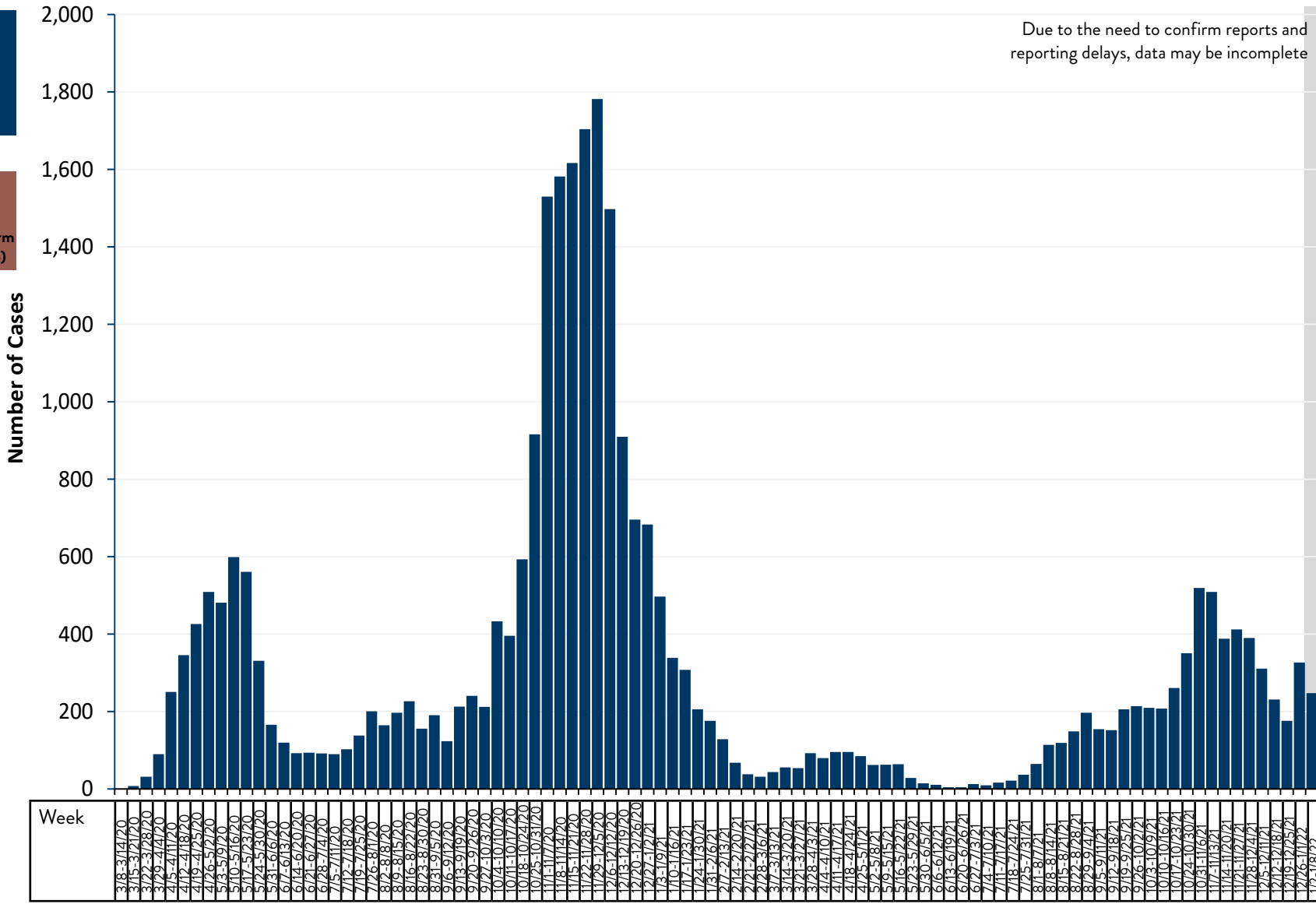
Cases per IHE facility	Number of IHEs reporting cases 12/26/21-1/8/22
1-10 cases	50
11-30 cases	11
31-99 cases	6
≥100 cases	0
Total	67

Resident Cases Associated with Congregate Care Settings

Cases of COVID-19 associated with residents living in congregate settings by specimen collection date. Congregate care settings include nursing homes, assisted living-type facilities, group homes, and other communal-living settings with a healthcare component.

29,460
Total Congregate Care Residents
(cumulative)

5,219
Deaths among cases that resided in long-term
care or assisted living facilities (cumulative)

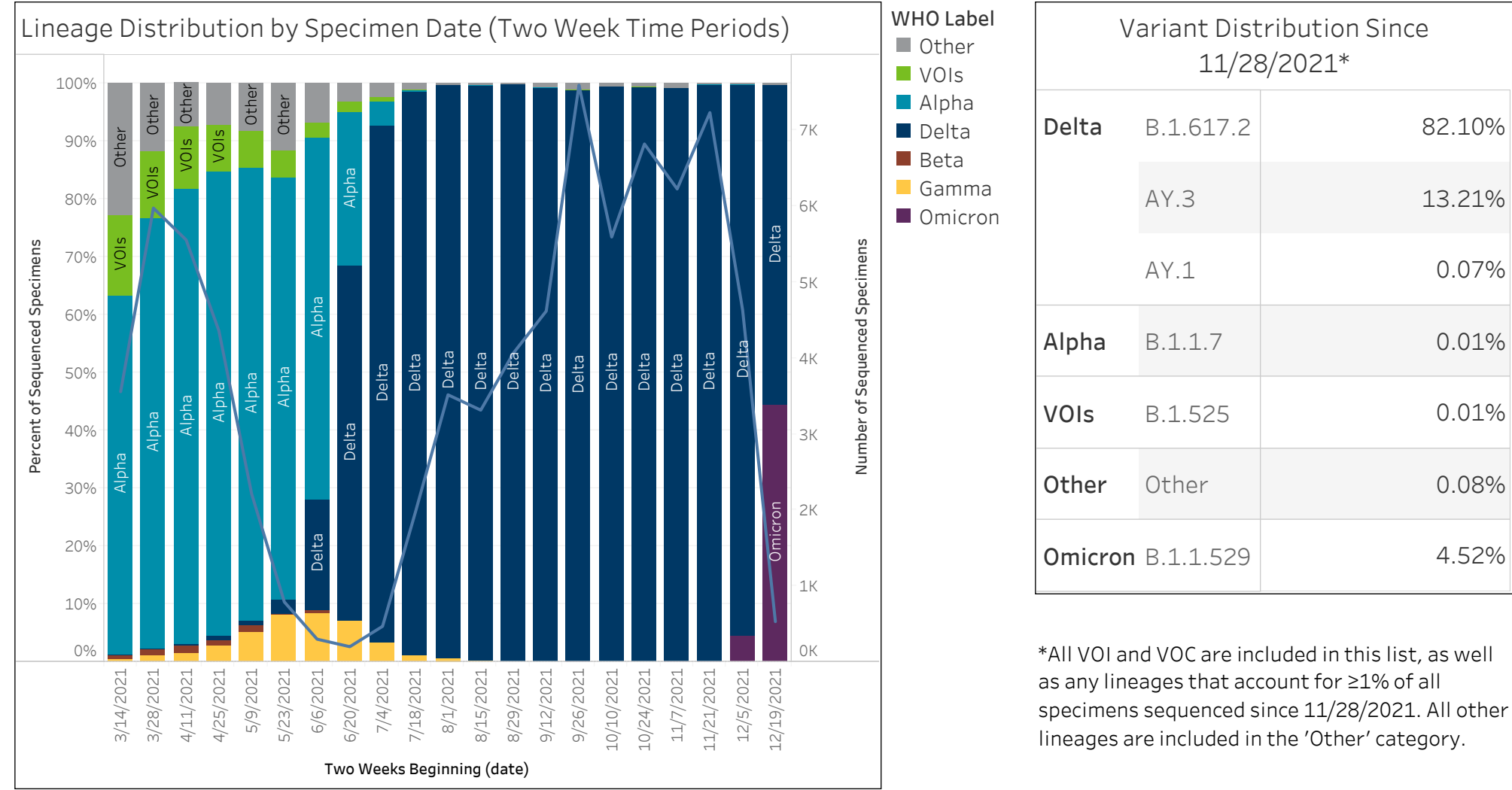


■ A list of congregate care facilities reporting an exposure in the last 28 days from a case in a resident, staff person, or visiting provider and a cumulative list of long-term care facilities reporting a case in a resident, staff person, or visiting service provider are available on: [Minnesota Situation Update for Coronavirus Disease 2019 \(https://www.health.state.mn.us/diseases/coronavirus/situation.html\)](https://www.health.state.mn.us/diseases/coronavirus/situation.html)

SARS-CoV-2 Variants Circulating in Minnesota

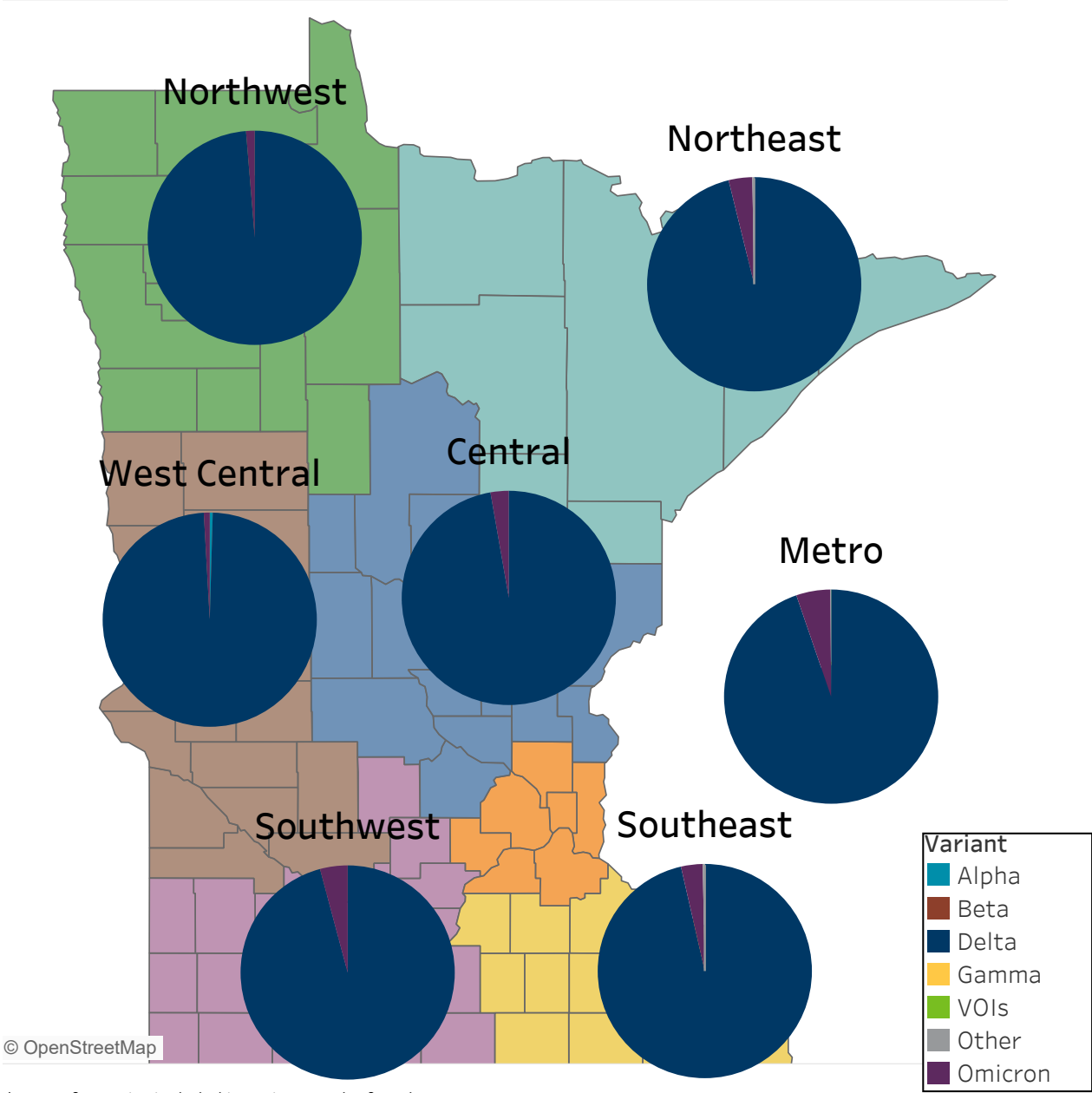
Lineage distribution of SARS-CoV-2 variants in Minnesota. The line indicates number of specimens sequenced, while the bars show proportions of each variant identified.

SARS-CoV-2 Variants of Concern (VOC) are named using the World Health Organization (WHO) naming conventions, Variants of Interest (VOI) are included as a group. More information about naming variants can be found at [WHO: Tracking SARS-CoV-2 variants \(https://www.who.int/en/activities/tracking-SARS-CoV-2-variants/\)](https://www.who.int/en/activities/tracking-SARS-CoV-2-variants/)



SARS-CoV-2 Variants by Region

This map shows the distribution of variants across regions in the past 30 days for the cases that have been sequenced.

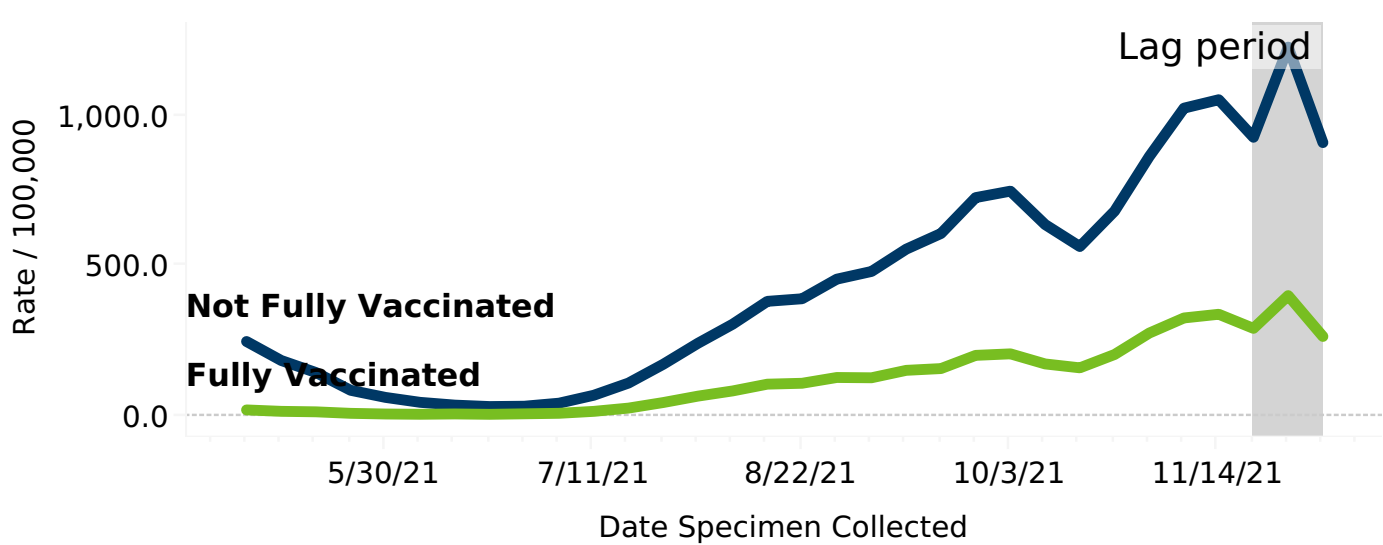


Region & Variant	Variant %	Region & Variant	Variant %
Northwest		Northeast	
Alpha	0.00%	Alpha	0.00%
Beta	0.00%	Beta	0.00%
Delta	98.70%	Delta	96.17%
Gamma	0.00%	Gamma	0.00%
Omicron	1.30%	Omicron	3.55%
Other	0.00%	Other	0.27%
VOIs	0.00%	VOIs	0.00%
West Central		Central	
Alpha	0.44%	Alpha	0.00%
Beta	0.00%	Beta	0.00%
Delta	98.69%	Delta	97.26%
Gamma	0.00%	Gamma	0.00%
Omicron	0.87%	Omicron	2.74%
Other	0.00%	Other	0.00%
VOIs	0.00%	VOIs	0.00%
Southwest		Southeast	
Alpha	0.00%	Alpha	0.00%
Beta	0.00%	Beta	0.00%
Delta	95.85%	Delta	96.43%
Gamma	0.00%	Gamma	0.00%
Omicron	4.15%	Omicron	3.27%
Other	0.00%	Other	0.30%
VOIs	0.00%	VOIs	0.00%
Metro			
Alpha	0.00%		
Beta	0.00%		
Delta	94.74%		
Gamma	0.00%		
Omicron	5.16%		
Other	0.09%		
VOIs	0.01%		

Vaccine Breakthrough (VBT) Cases

Vaccine breakthrough cases are defined as Minnesota residents with a positive COVID-19 test result (PCR or antigen) with a symptom onset date (or collection date if asymptomatic) 14 or more days after they have completed all recommended doses of a COVID-19 vaccine. VBT data has a lag period of one month for reporting purposes and excludes the rates prior to May since vaccine was not readily available to all Minnesotans prior to that date.

The rate per 100,000 people is calculated as the number of fully vaccinated people who test positive for SARS-CoV-2 divided by the total number of fully vaccinated people, multiplied by 100,000.



3,357,525
Total number of fully vaccinated Minnesotans
age 12 and older (as of the week beginning 12/5/21)

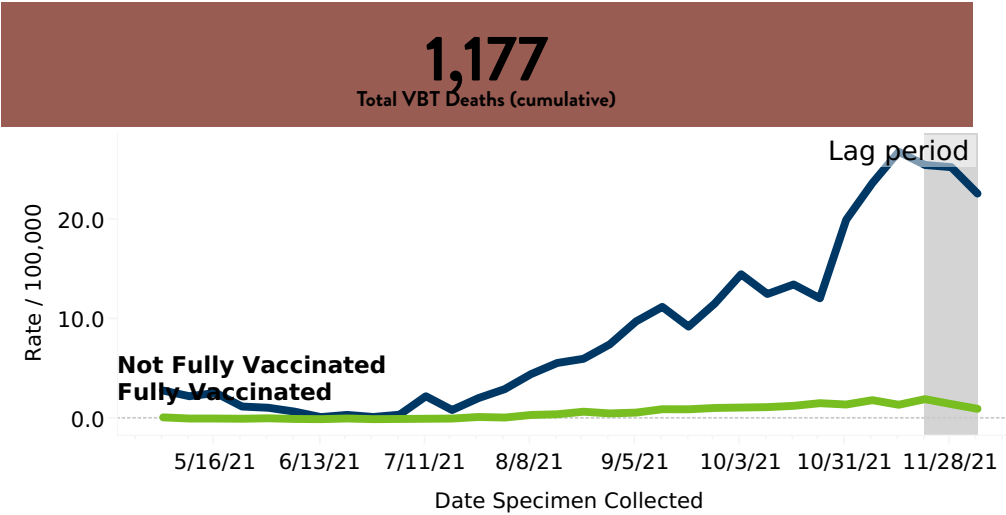
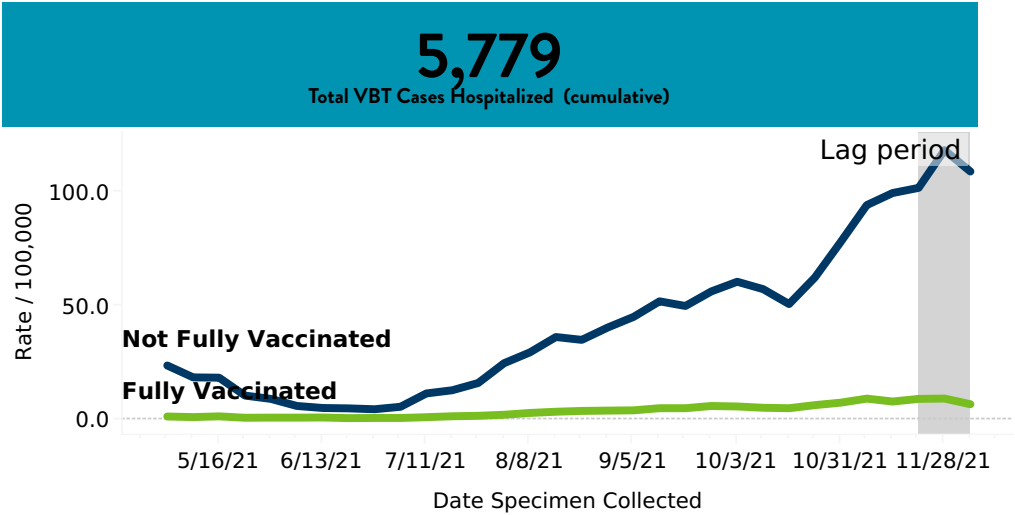
162,831
Total VBT Cases (cumulative)

All VBT data in this report is as of
1/10/22

- More information about vaccine breakthrough, and data updated every Monday are available on:
[COVID-19 Vaccine Breakthrough Weekly Update](https://www.health.state.mn.us/diseases/coronavirus/stats/vbt.html)
www.health.state.mn.us/diseases/coronavirus/stats/vbt.html

VBT Hospitalizations and Deaths

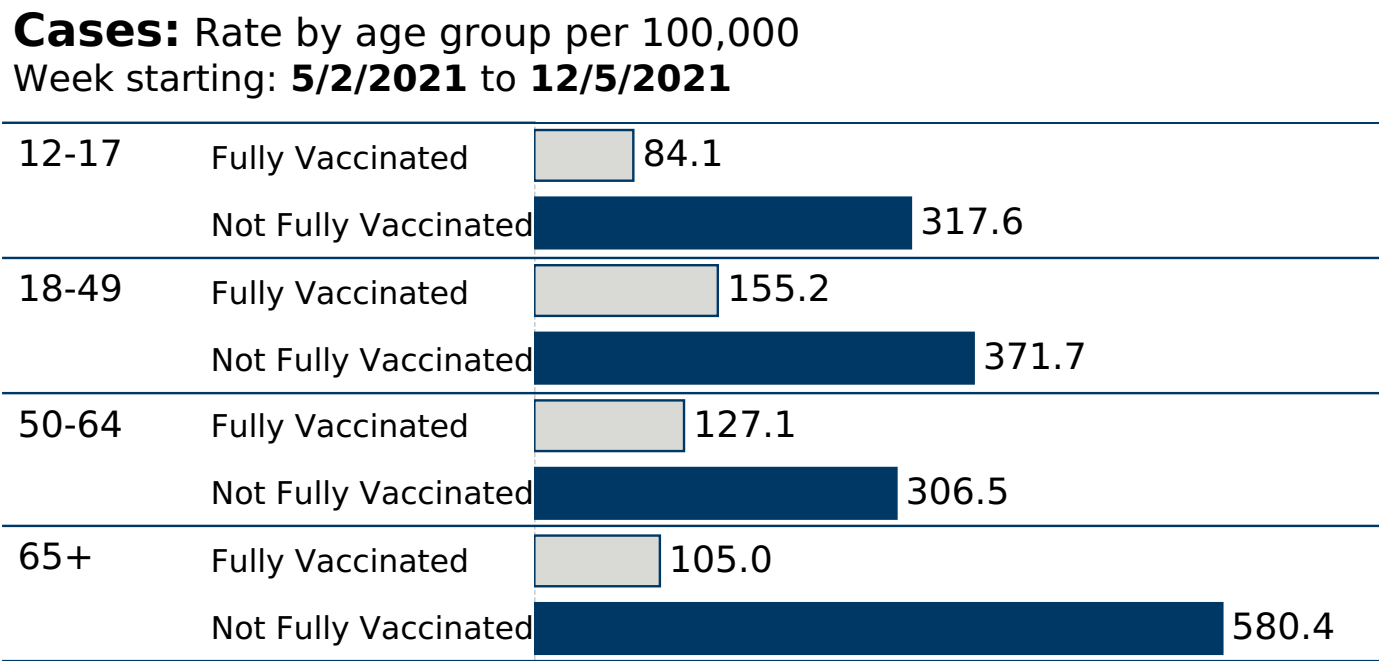
These graphs show the rate of hospitalization and death among vaccinated and unvaccinated COVID-19 cases since vaccine was widely available to the general adolescent and adult population in May 2021. Fully vaccinated is defined as 14 or more days after they have completed all recommended doses of a COVID-19 vaccine.



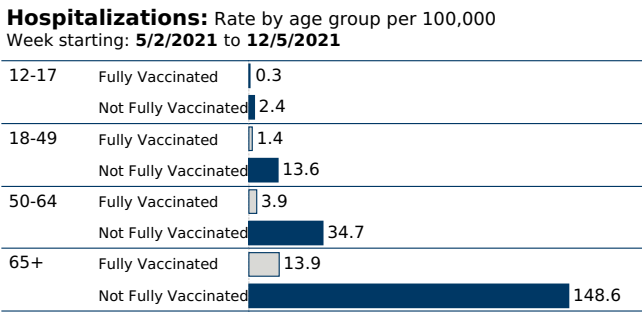
VBT Cases, Hospitalizations, and Deaths by Age Group

These graphs show vaccine breakthrough cases stratified by age to better illustrate the impact of COVID-19 across different age groups. Fully vaccinated is defined as 14 or more days after they have completed all recommended doses of a COVID-19 vaccine.

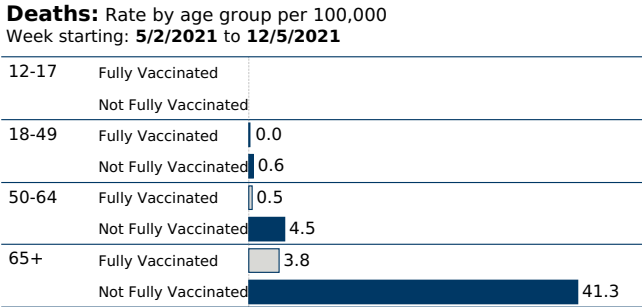
5/2/2021 to 12/5/2021
and Null values



5/2/2021 to 12/5/2021
and Null values



5/2/2021 to 12/5/2021
and Null values



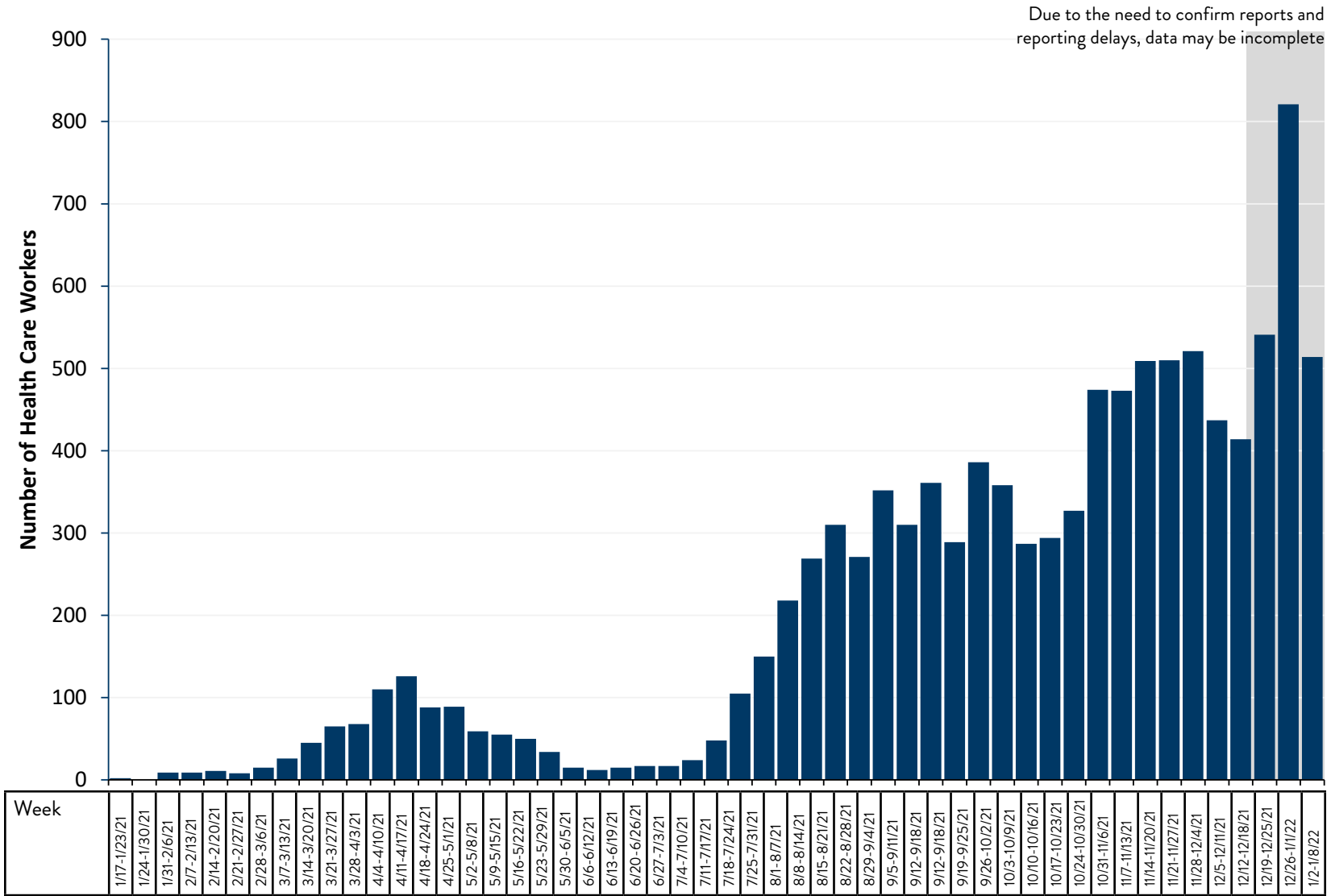
VBT Cases among Health Care Workers

These data are for all vaccine breakthrough cases who reported their occupation as health care staff in acute care or congregate care facilities. Vaccine breakthrough cases are defined as Minnesota residents with a positive test result (both confirmed and probable) with onset date (or specimen collection date if asymptomatic) 14 or more days post full vaccine series and no positive COVID-19 result in the 90 days prior to their COVID infection.

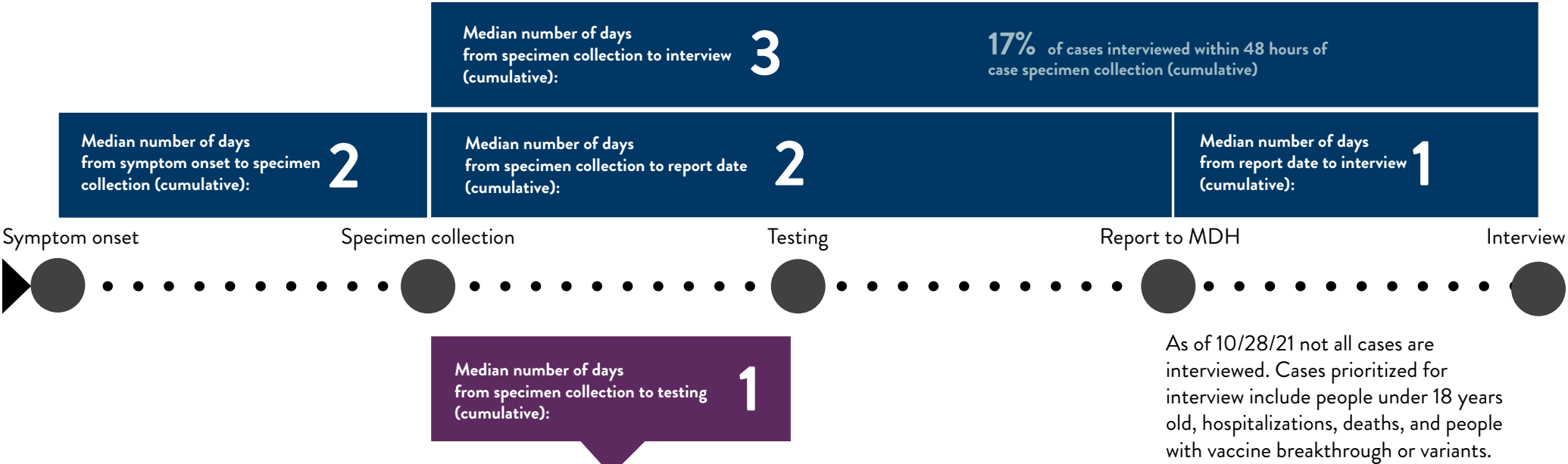
10,518

VBT Cases among Health Care Workers

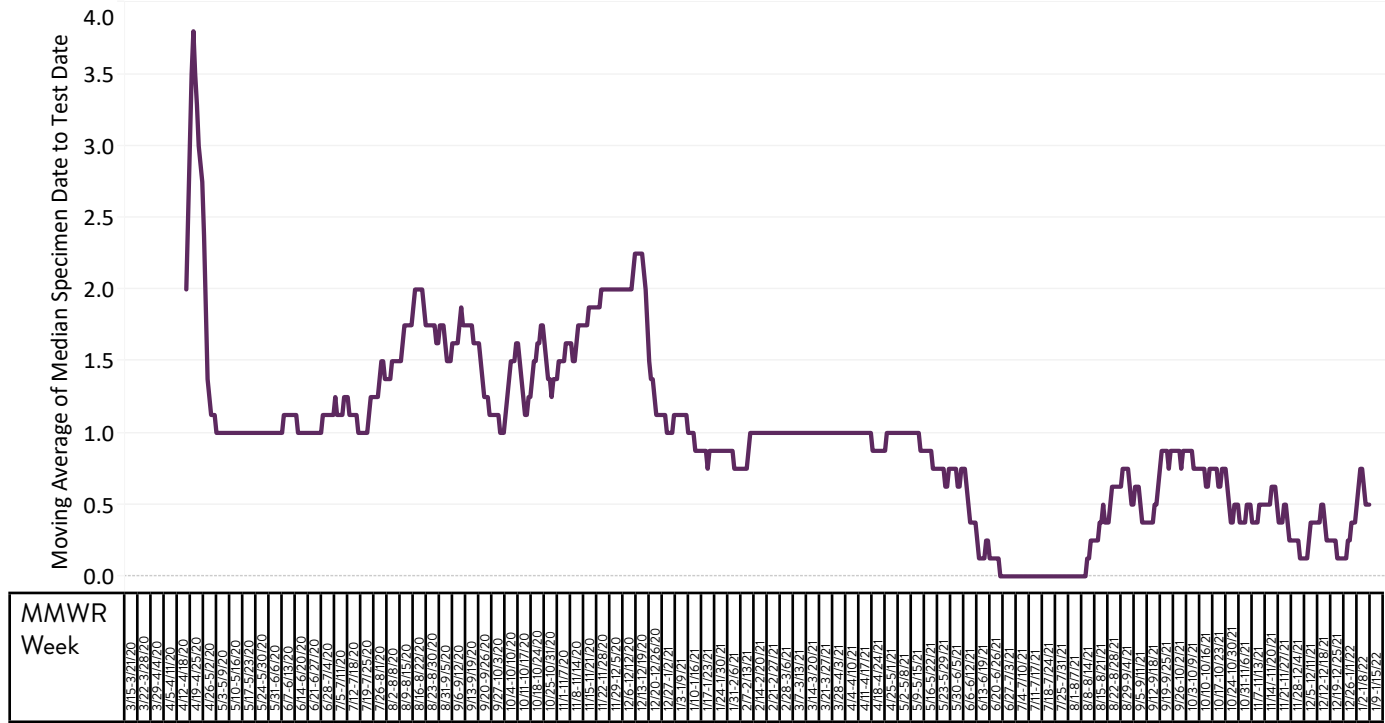
(cumulative)



Response Metrics: Testing and Interview Timing



Seven day moving average of median days from specimen collection to testing



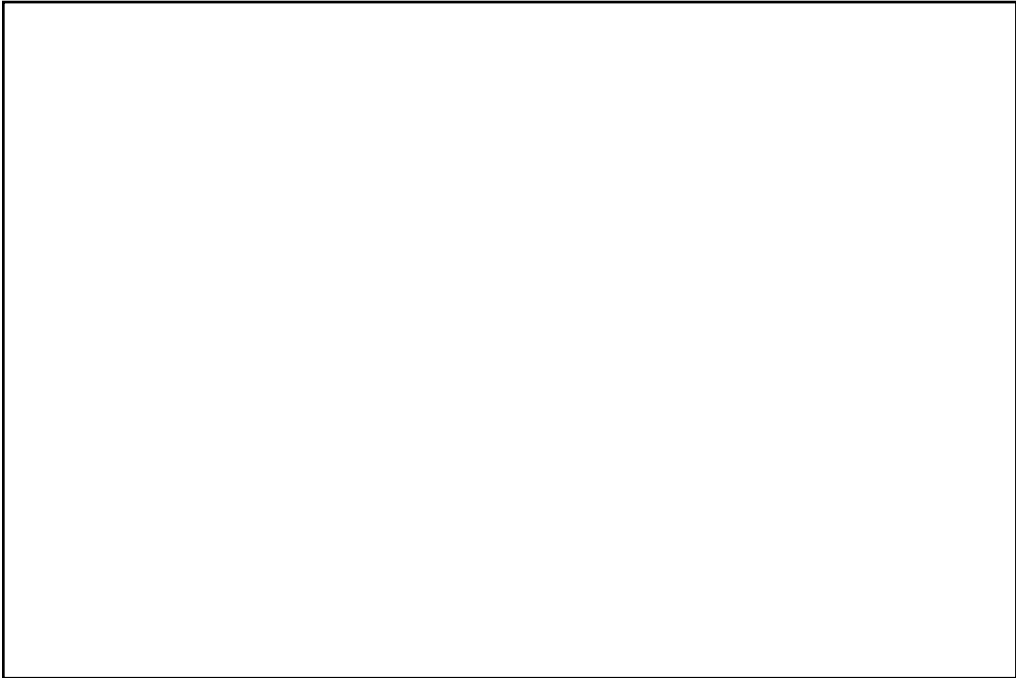
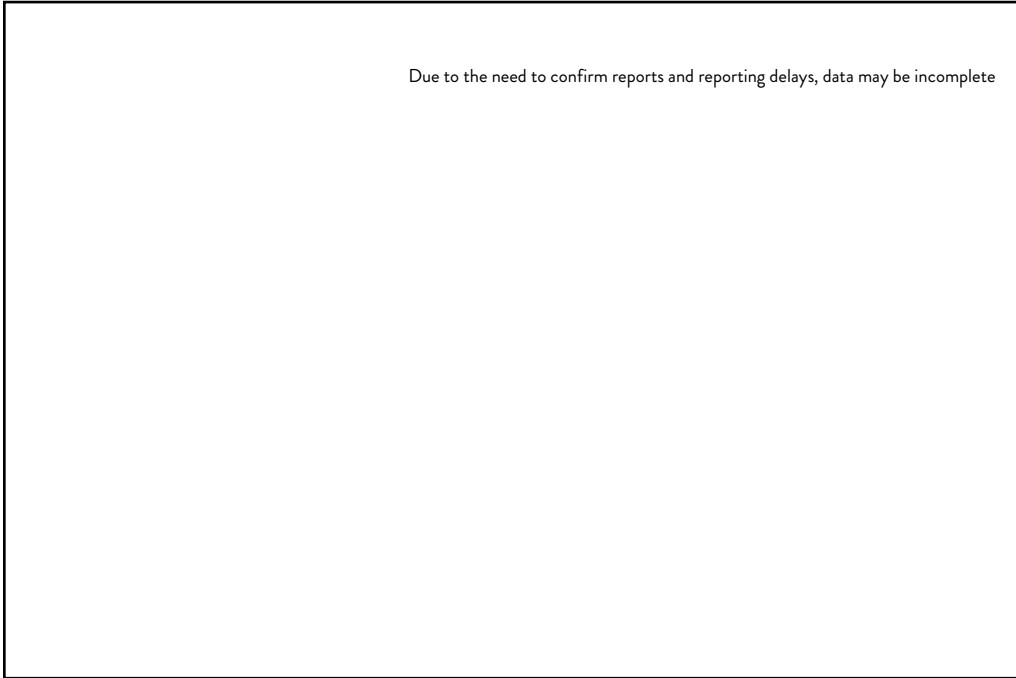
Syndromic Surveillance

These syndromic surveillance data come from the Encounter Alert Service (EAS), which is utilizing an existing service to support and leverage the development of this activity. These data provide situational awareness to help inform public health decision making, resource allocation, and other actions.

Syndromic surveillance is a type of public health surveillance that uses near real-time data to help identify unusual activity that might need further investigation. These data help public health officials detect, monitor, and respond quickly to local public health threats and events of public health importance. The Minnesota Department of Health is currently using data on COVID-19-related symptoms and chief complaints reported during emergency department and inpatient hospital visits to identify trends. This data can provide an early signal that something is happening in a community with the outbreak even if case counts are not increasing at that time.

Data include emergency-department and inpatient hospital visits for COVID-like illness through January 8, 2022. Categories are based upon discharge diagnosis codes. Beginning with the November 27, 2020 Weekly COVID-19 report, conditions are reported from week 30 (July 20, 2020) forward due to a transition in data sources. The gray bar indicates a one week lag period in the data.

Through January 8, 2022, these data represent all patients from about 135 hospitals in Minnesota, covering approximately 90% of the hospital beds statewide. Efforts are underway to expand hospitals to more fully represent the state.

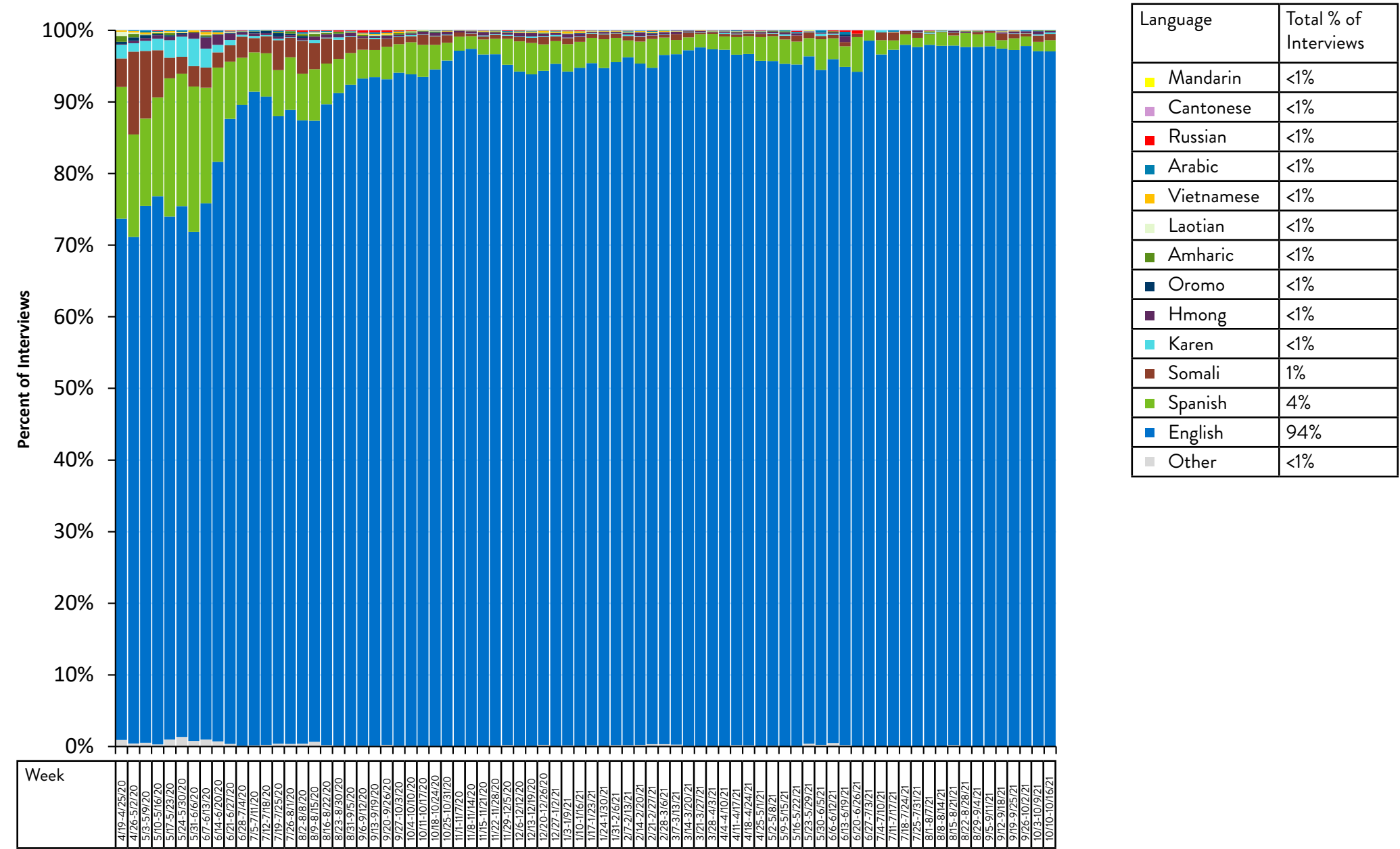


■ Map of Counties and Infectious Disease Surveillance Regions can be found on: [Field Services Epidemiologists \(https://www.health.state.mn.us/about/org/idepc/epis.html\)](https://www.health.state.mn.us/about/org/idepc/epis.html)

Demographics: Interview Language (Archived)

Language needs for cases interviewed by specimen collection date week. It is assumed that any interview recorded as not needing an interpreter was conducted in English.

This information is no longer collected for all cases, therefore this data will no longer be updated.
Prior to 11/1/21, people were only counted as a case once, even if multiple positive tests were recorded for a person over 90 days apart.



Interview Language by County of Residence (Archived)

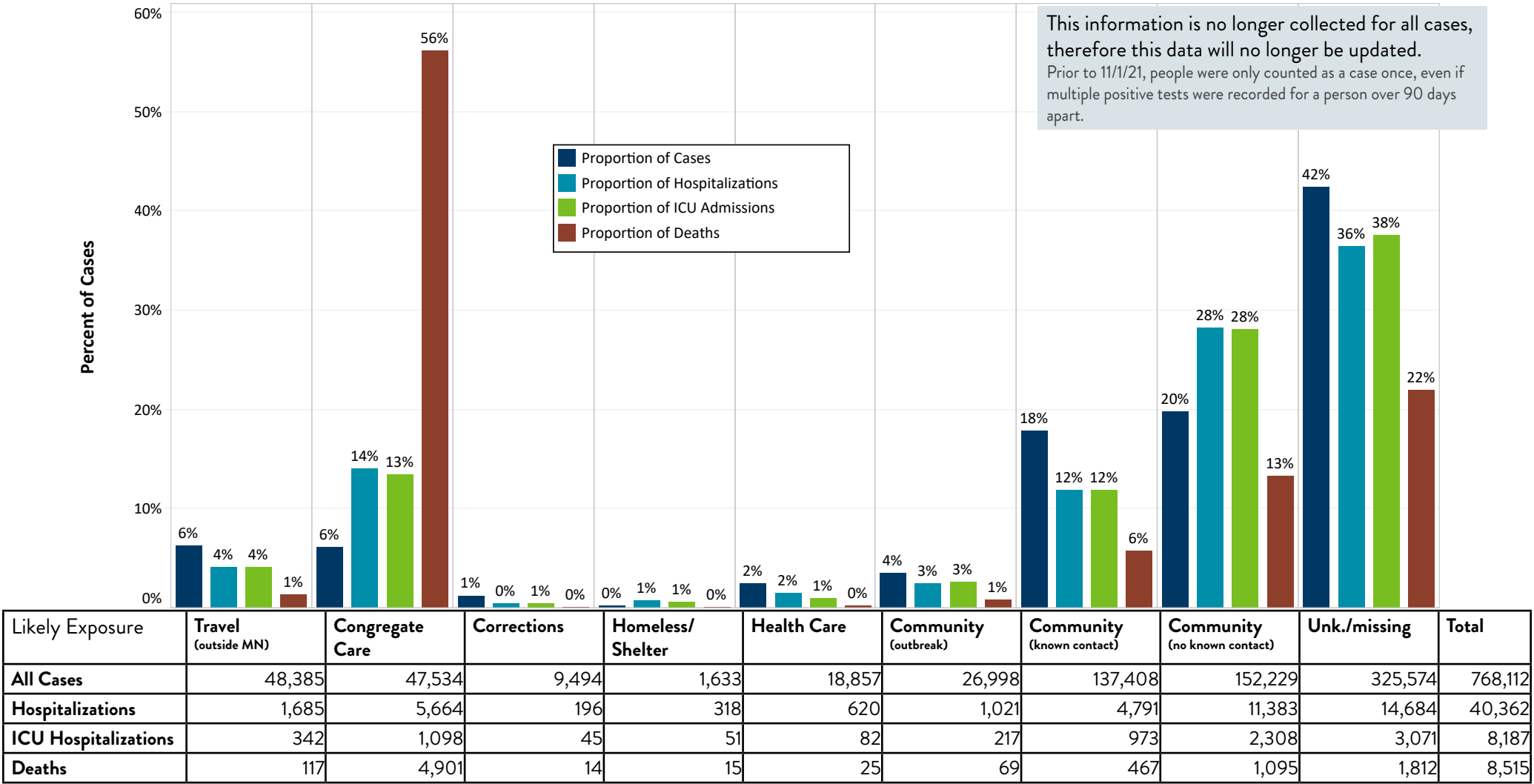
Percent of interviews by language and week of specimen collection by county of residence.

This information is no longer collected for all cases, therefore this data will no longer be updated.
Prior to 11/1/21, people were only counted as a case once, even if multiple positive tests were recorded for a person over 90 days apart.

Week
Week 38: 9/19-9/25/21
Week 39: 9/26-10/2/21
Week 40: 10/3-10/9/21

Likely Exposure (Archived)

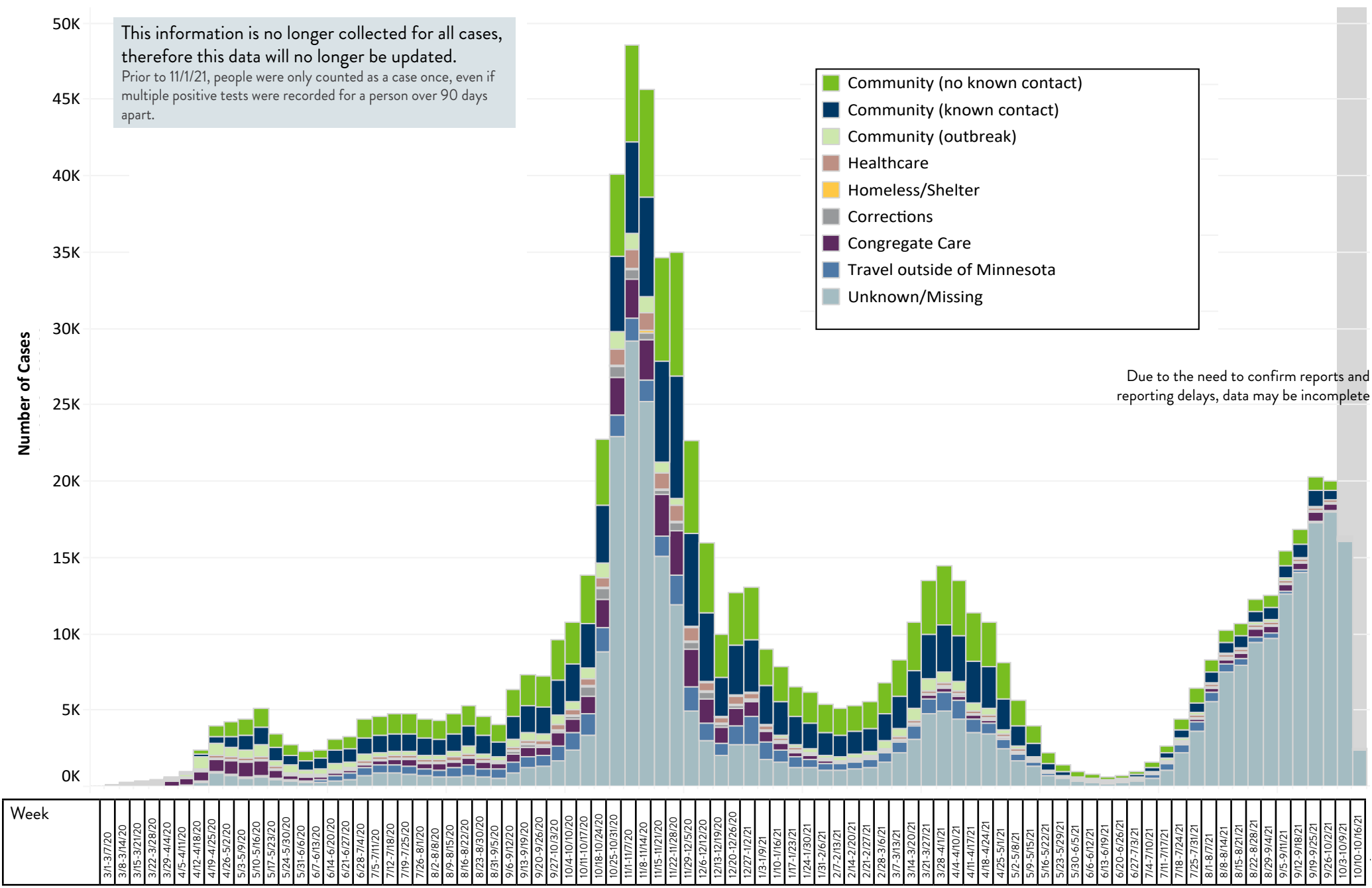
Likely exposure for confirmed and probable cases. Exposure data is collected at case interview. Cases are categorized according to a hierarchy following the order of exposure type: outbreak, travel, LTC staff and residents, corrections, homeless shelter, acute health care, community-exposure with known contact, community-no known exposure.



- Community (outbreak): Case was exposed to a known outbreak setting in Minnesota that is not also a congregate living setting (e.g., long-term care, corrections, shelter) or health care setting. This includes restaurant/bars, sports, worksites that are not living settings, etc.
- Travel: Case traveled outside of Minnesota in the 2 weeks before illness.
- Congregate Care Setting: Residents, and staff who are not part of a non-congregate care setting outbreak and did not have an exposure to a positive household member. Congregate care settings include long-term care facilities (LTCF), assisted living facilities, group homes, or residential behavioral health (RBH) facilities.
- Corrections: Inmates who were exposed while incarcerated, and staff of a jail/prison setting who are not part of a non-corrections outbreak and did not have an exposure to a positive household member.
- Homeless/Shelter: Residents/guests, and staff who are not part of a non-shelter outbreak and did not have an exposure to a positive household member.
- Health Care: Patients who were part of nosocomial outbreaks, and staff who are not part of a non-acute health care setting outbreak and did not have an exposure to a positive household member.
- Community (known contact with confirmed case): Case has a known exposure to a positive case and does not fit into any of the previous categories.
- Community (unknown contact with confirmed case): Case has no known exposure to a positive case and does not fit into any of the previous categories.

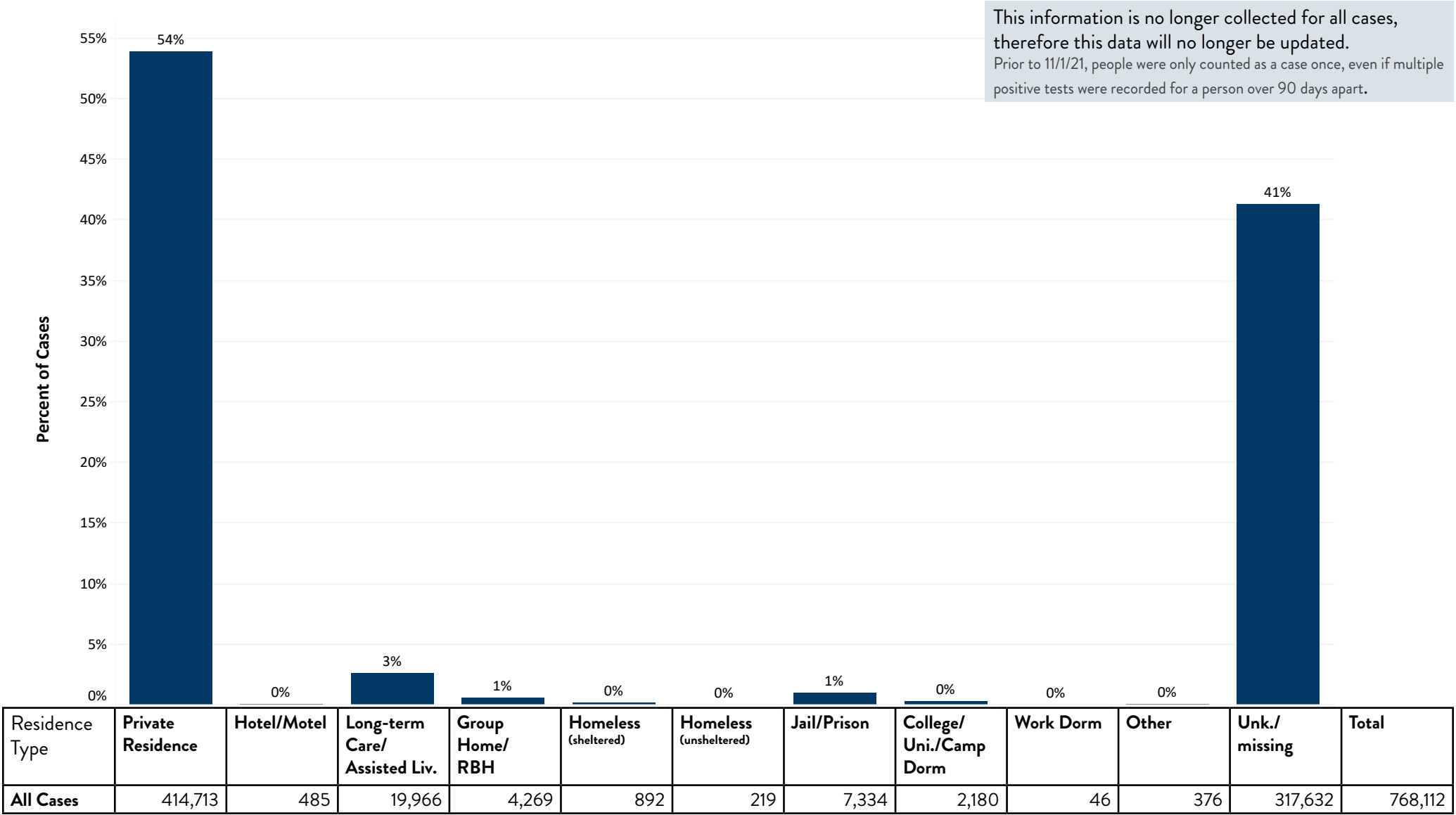
Cases by Likely Exposure and Specimen Collection Date (Archived)

Cases by likely exposure by specimen collection date. This chart shows how exposure to COVID-19 has changed over time during the pandemic in Minnesota. Numbers include confirmed and probable cases.



Residence Type (Archived)

Cases by residence type. Residence type is collected during case interview and is self-reported. Numbers include confirmed and probable cases.



Cases among Health Care Workers (Archived)

This data is for all cases who reported their occupation as health care staff in acute care or congregate care facilities. Not all cases who are health care workers were exposed at work. Numbers include confirmed and probable cases.

48,946

Total Health Care Workers
(cumulative)

1,247

Total Health Care Staff Hospitalized
(cumulative)

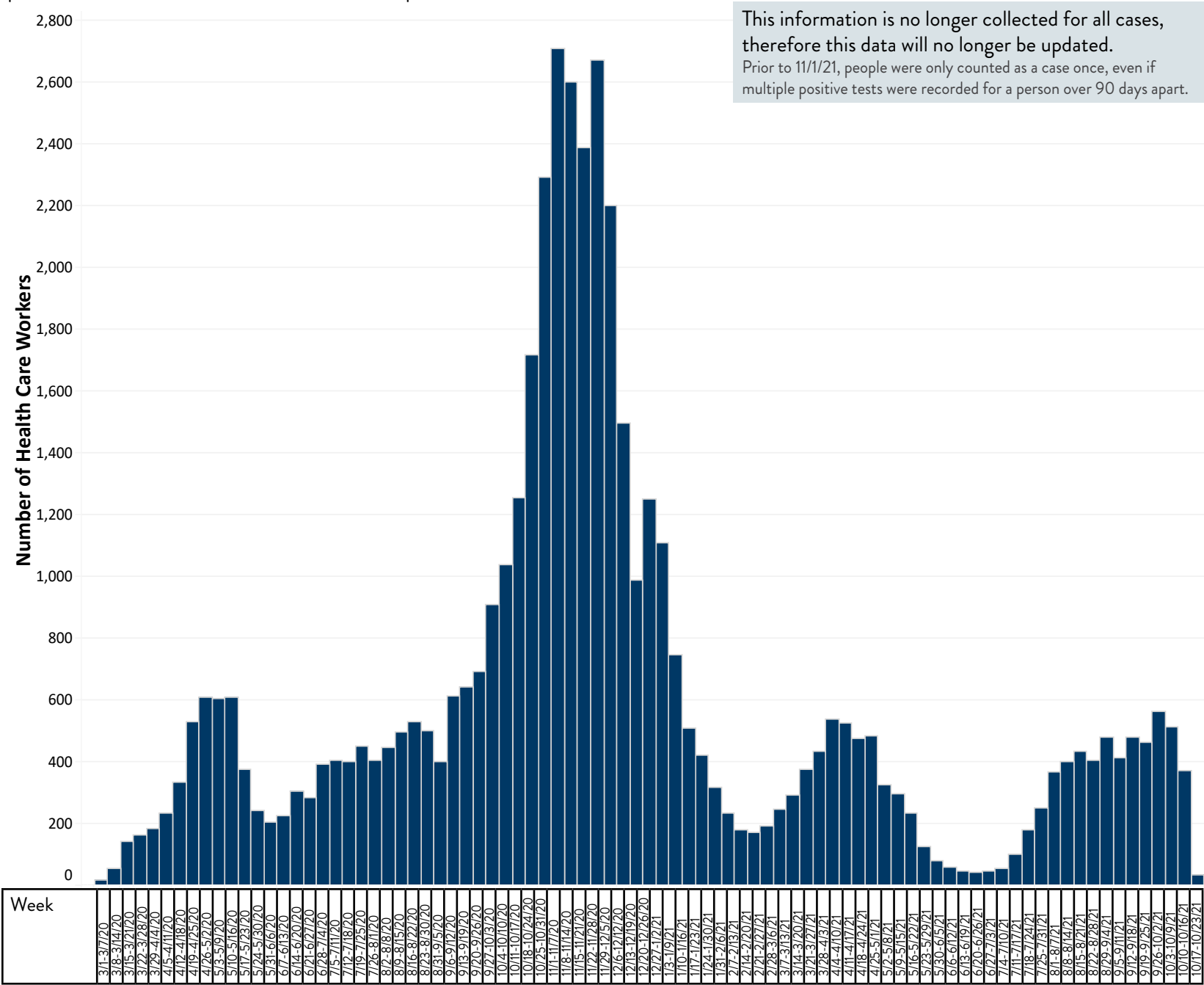
207

Total Health Care Staff Hospitalized in ICU
(cumulative)

47

Total Health Care Staff Deaths
(cumulative)

This information is no longer collected for all cases, therefore this data will no longer be updated.
Prior to 11/1/21, people were only counted as a case once, even if multiple positive tests were recorded for a person over 90 days apart.



High Risk Exposures in Health Care Workers (Archived)

MDH works with health care facilities to monitor health care workers who have had high-risk exposures with known positive patients/residents, co-workers, or social contacts. This data shows high-risk exposures experienced by health care workers in Minnesota who have been in contact with individuals with confirmed COVID-19 and the percent of exposures that lead to a positive test within 14 days of high-risk exposure (coworker, household/social, patient or resident). This data does not capture the exposures of all health care workers who become COVID-19 cases.

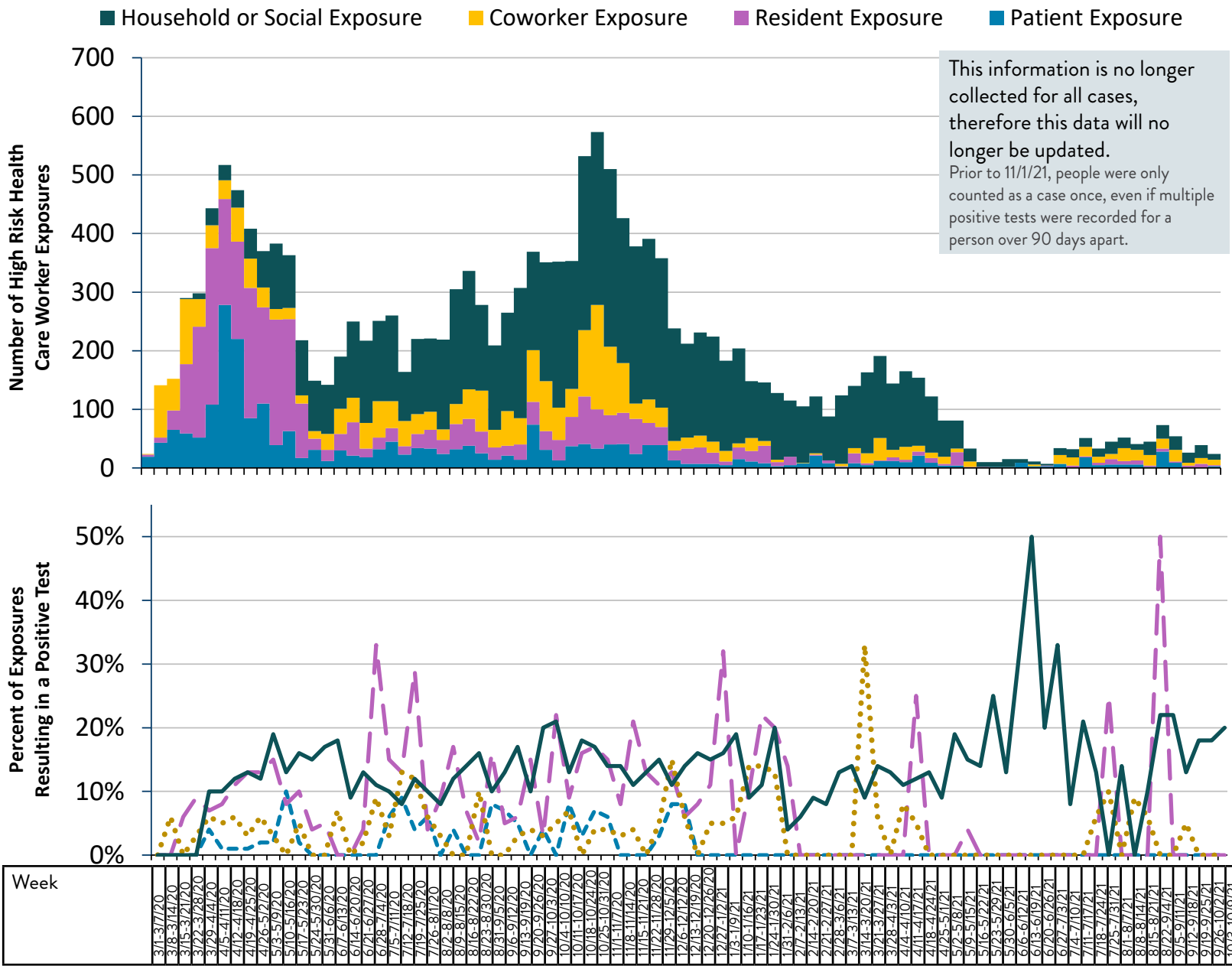
16,816
Total High Risk Health Care Worker Exposures (cumulative)

The data shown here summarizes high-risk exposures that occurred from March 6, 2020 –October 20, 2021.

- Health care workers had 16,816 documented high-risk exposures
- 52% exposures happened at home or in the community
- 48% of exposures occurred at work

1,667
Total High Risk Health Care Worker Exposures Resulting in a Positive Test (cumulative)

- Risk of infection was highest after exposure at home or in the community
- 13% HCW tested positive after exposure to a positive household member or social contact
- 6% HCW tested positive after an exposure at work



Staff with Potential Exposure in Child Care Settings (Archived)

Cases of COVID-19 with potential exposure in child care settings by specimen collection date. Cases included staff that attended a child care program while infectious, or who test positive and attended a child care program that reported a confirmed case in the past 28 days. Child care programs included: licensed child care centers, certified centers, summer day camps, and school-age care during peacetime emergency. Does not include in-home child cares. Cases by week are by specimen collection date. Numbers include confirmed and probable cases.

This information is no longer collected for staff in child care settings.
Prior to 11/1/21, people were only counted as a case once, even if multiple positive tests were recorded for a person over 90 days apart.

4,083
Total Child Care Staff (cumulative)

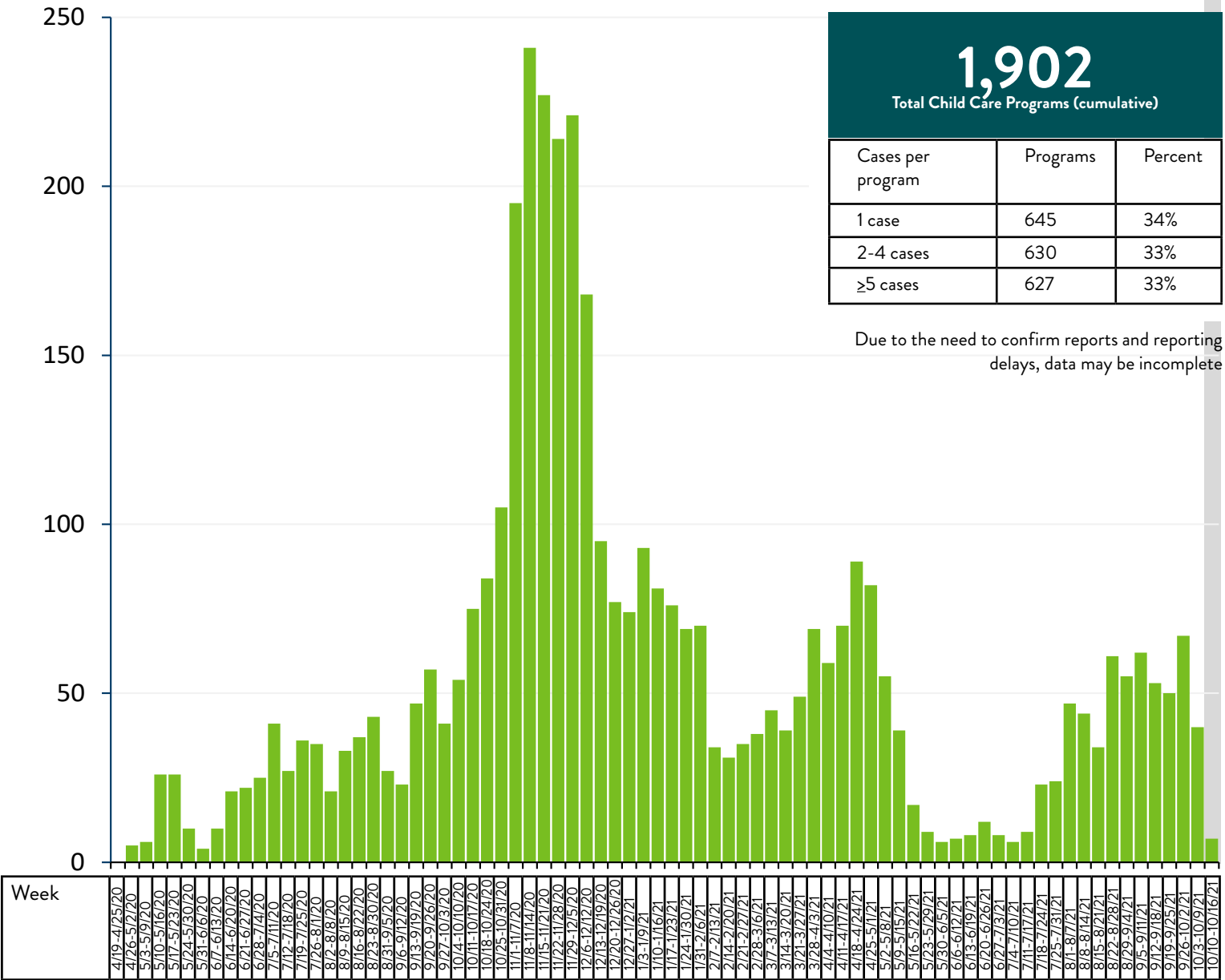
90
Total Hospitalized Child Care-affiliated Staff Cases (cumulative)

7
Total ICU Hospitalized Child Care-affiliated Staff Cases (cumulative)

0
Total Child Care-affiliated Staff Deaths (cumulative)

1,902 Total Child Care Programs (cumulative)		
Cases per program	Programs	Percent
1 case	645	34%
2-4 cases	630	33%
≥5 cases	627	33%

Due to the need to confirm reports and reporting delays, data may be incomplete



Staff Cases Associated with Pre-K through Grade 12 School Buildings (Archived)

Cases of COVID-19 associated with school staff working in school at a prekindergarten through grade 12 building while they were able to spread COVID-19. These numbers include cases exposed in a school setting, cases exposed in other settings, and cases where the exposure setting was not confirmed. All Minnesota schools are represented including public, nonpublic, and tribal schools. Numbers include confirmed and probable cases.

This information is no longer collected for staff in Pre-K through Grade 12 Schools.

Prior to 11/1/21, people were only counted as a case once, even if multiple positive tests were recorded for a person over 90 days apart.

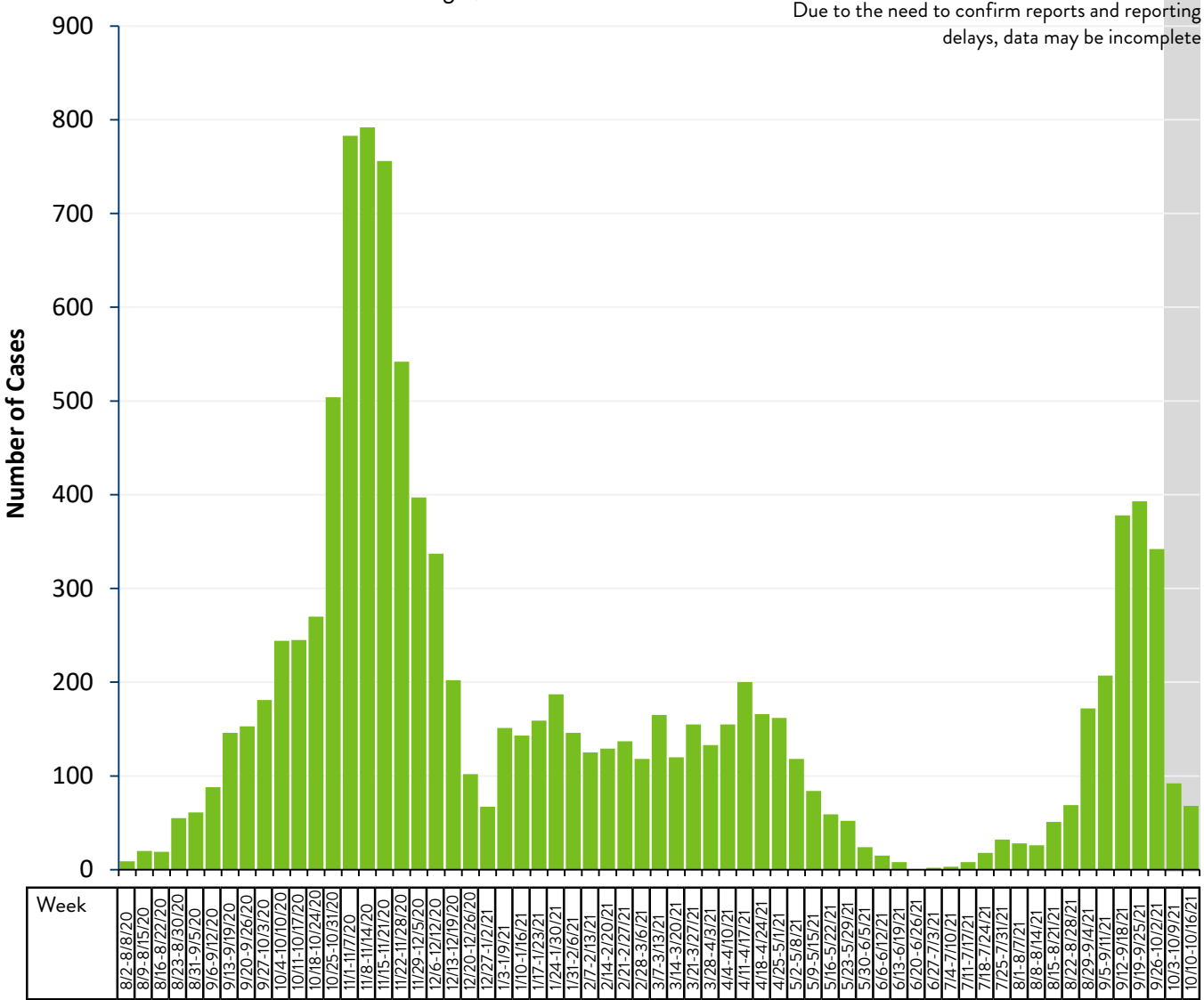
Cases by week are by specimen collection date. Numbers listed as cumulative total are cumulative since Aug. 1, 2020.

10,773
Total PreK-12 School Staff Cases (cumulative)

235
Total Hospitalized PreK-12-affiliated Staff Cases (cumulative)

47
Total ICU Hospitalized PreK-12-affiliated Staff Cases (cumulative)

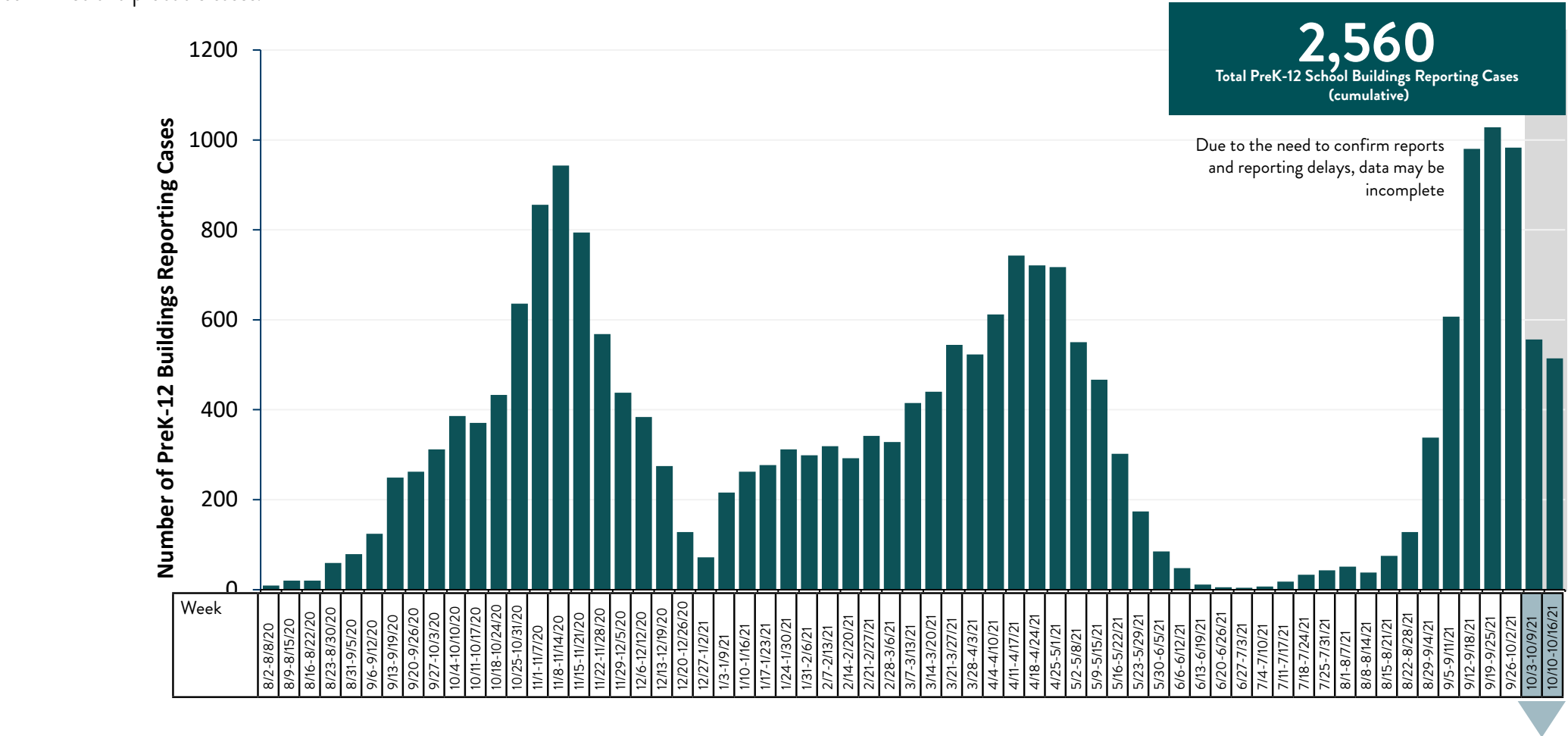
13
Total PreK-12-affiliated Staff Deaths (cumulative)



PreK-12 School Buildings Reporting Cases (Archived)

Schools included are public, non-public, and tribal schools. Number of school buildings reporting cases by week are by specimen collection date. Numbers listed as cumulative total are cumulative since Aug. 1, 2020. Numbers include confirmed and probable cases.

This data will no longer be updated.
Prior to 11/1/21, people were only counted as a case once, even if multiple positive tests were recorded for a person over 90 days apart.



Cases per building	Number of buildings reporting cases 10/3-10/16/21
1 case	405
2-4 cases	324
≥5 cases	99
Total	828

■ A list of School buildings reporting 5 or more cases of COVID-19 in students who were in the building while infectious during a two-week reporting period by county is available in the [Minnesota Situation Update for Coronavirus Disease 2019 \(https://www.health.state.mn.us/diseases/coronavirus/situation.html\)](https://www.health.state.mn.us/diseases/coronavirus/situation.html)

Cases that have an Affiliation with Institutes of Higher Education (IHE) (Archived)

Cases of COVID-19 affiliated with faculty, staff, and students working or enrolled at a Minnesota Institute of Higher Education (IHE) while they were potentially exposed to or able to spread COVID-19. IHE include colleges, universities, and private career schools. Numbers include confirmed and probable cases.

Cases by week are by specimen collection date. Numbers listed as cumulative total are cumulative since Aug. 1, 2020.

183

Total Hospitalized IHE-affiliated Cases (cumulative)

22

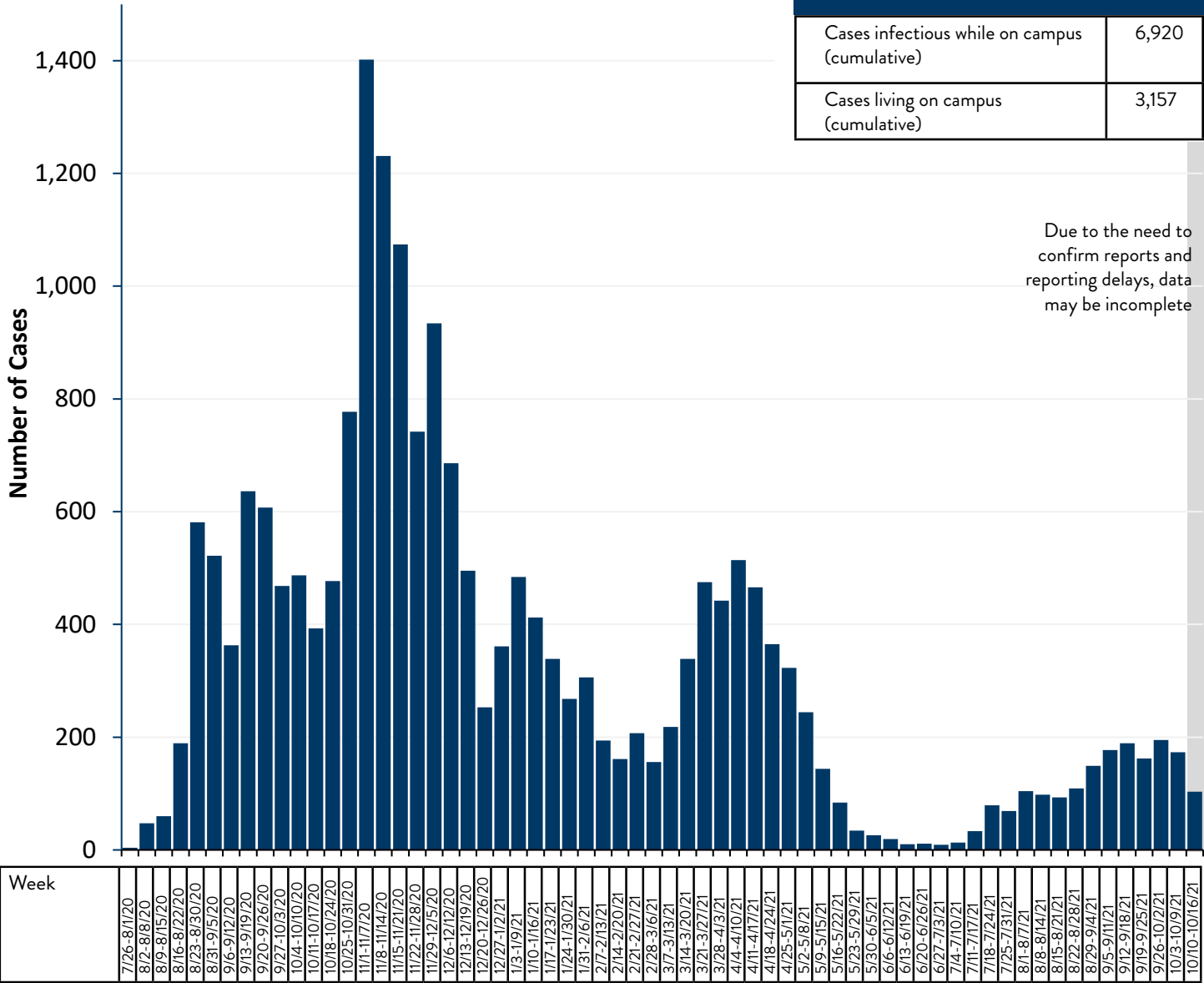
Total ICU Hospitalized IHE-affiliated Case (cumulative)

7

Total IHE-affiliated Deaths (cumulative)

This data will no longer be updated.
Prior to 11/1/21, people were only counted as a case once, even if multiple positive tests were recorded for a person over 90 days apart.

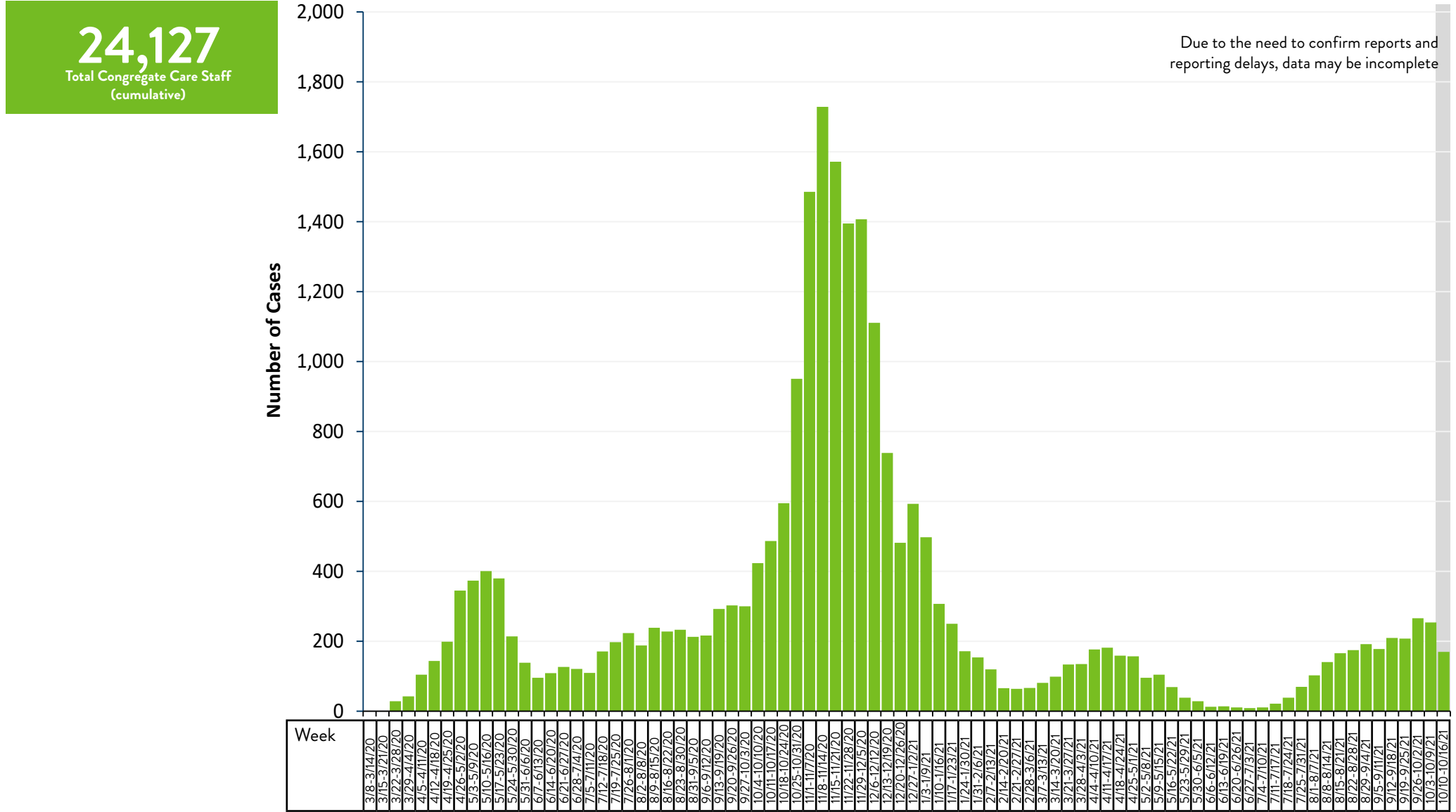
20,785 Total IHE-affiliated Cases (cumulative)	
Cases infectious while on campus (cumulative)	6,920
Cases living on campus (cumulative)	3,157



Staff Cases Associated with Congregate Care Settings (Archived)

Cases of COVID-19 associated with staff living in congregate settings by specimen collection date. Congregate care settings include nursing homes, assisted living-type facilities, group homes, and other communal-living settings with a healthcare component. Numbers include confirmed and probable cases.

This information is no longer collected for staff in Congregate Care Settings.
Prior to 11/1/21, people were only counted as a case once, even if multiple positive tests were recorded for a person over 90 days apart.

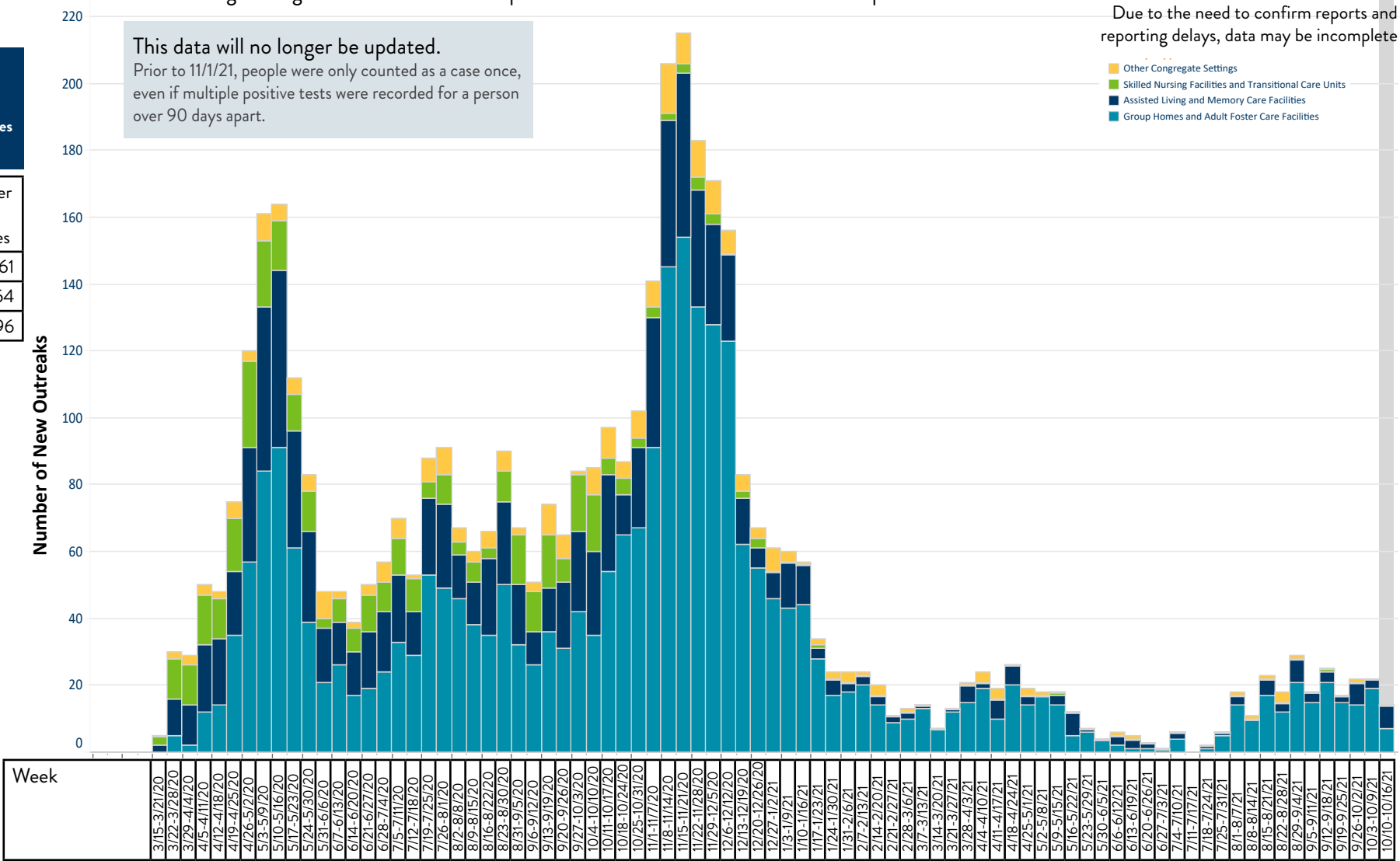


Congregate Care Facility Outbreaks (Archived)

Congregate care facilities with confirmed cases in residents, staff, and visiting providers by specimen date. Congregate care settings include nursing homes, assisted living-type facilities, group homes, and other communal-living settings with a healthcare component. Numbers include confirmed and probable cases.

4,411
Total Congregate Care Facilities
(cumulative)

Confirmed cases per facility	Number of facilities
1-2 case	1,961
3-20 cases	1,854
≥21 cases	596



Type of facility	Number of outbreak facilities	Number of resident cases	Number of staff cases	Number of deaths in resident cases	Number of facilities with active outbreaks	Percent of outbreak facilities still experiencing an active outbreak
Skilled Nursing Facilities and Transitional Care Units	368	12,715	12,395	3,110	210	57%
Assisted Living and Memory Care Facilities	1,081	8,758	7,185	1,584	209	19%
Group Homes and Adult Foster Care Facilities	2,738	2,863	4,862	116	136	5%
Other Congregate Care Settings	265	1,648	1,527	24	41	15%

A list of congregate care facilities reporting an exposure in the last 28 days from a case in a resident, staff person, or visiting provider and a cumulative list of long-term care facilities reporting a case in a resident, staff person, or visiting service provider are available on: [COVID-19 Weekly Report \(https://www.health.state.mn.us/diseases/coronavirus/stats/index.html\)](https://www.health.state.mn.us/diseases/coronavirus/stats/index.html)