STAY SAFE MN

Minnesota Department of Health

WEEKLY COVID-19 REPORT

7/9/2020

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 trends and 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)
  Updated daily at 11 a.m.

- Coronavirus Disease 2019 (COVID-19) Cases in the U.S (https://www.cdc.gov/coronavirus/2019-ncov/cases-updates/cases-in-us.html)
- Neighboring states' COVID-19 information:
  - Wisconsin: Outbreaks in Wisconsin (https://www.dhs.wisconsin.gov/outbreaks/index.htm)
  - Iowa: Novel Coronavirus (COVID-19) (https://idph.iowa.gov/Emerging-Health-Issues/Novel-Coronavirus)
  - North Dakota: Coronavirus Cases (https://www.health.nd.gov/diseases-conditions/coronavirus/north-dakota-coronavirus-cases)
  - South Dakota: Novel Coronavirus Updates and Information (https://doh.sd.gov/news/Coronavirus.aspx)

About Minnesota COVID-19 Data

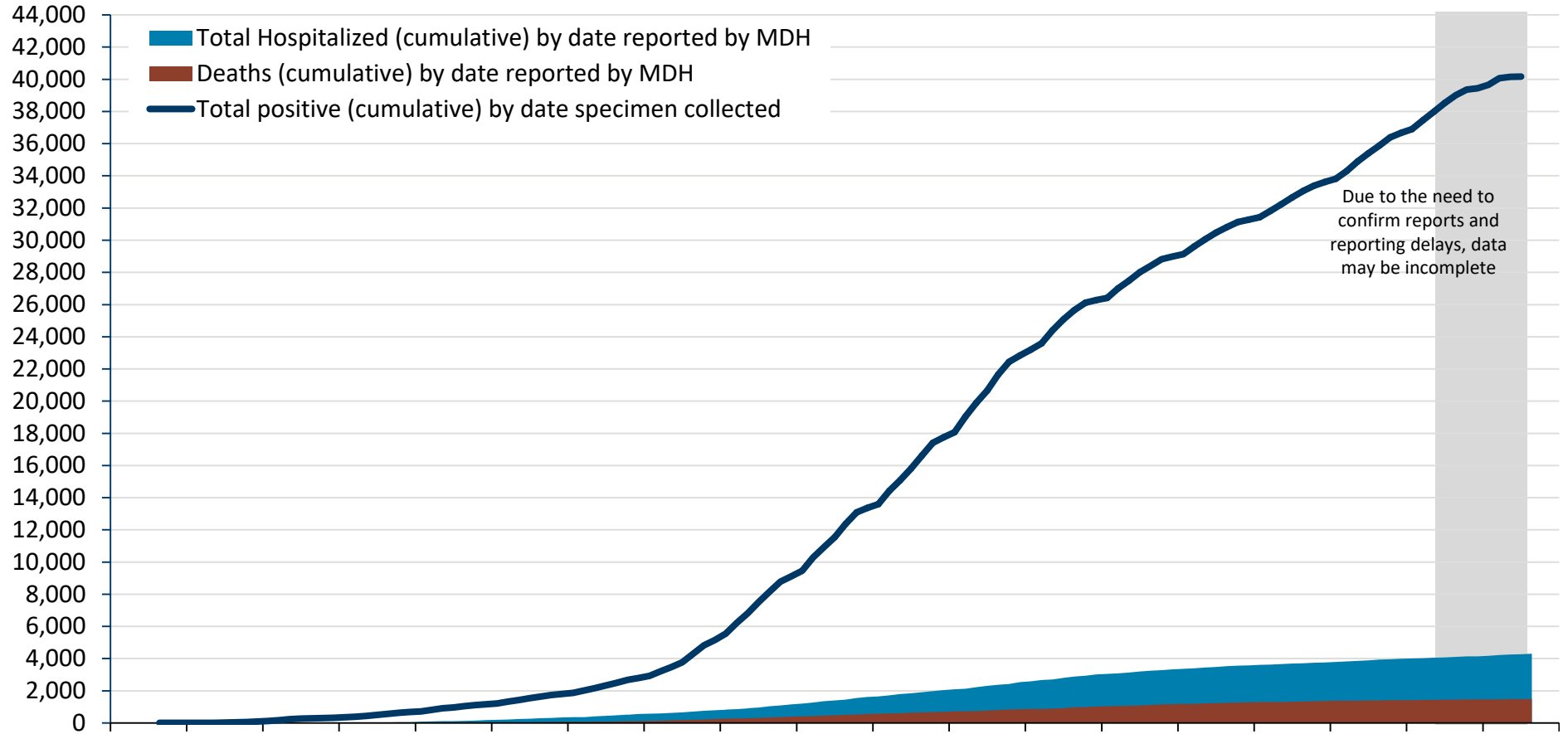
- Many people with COVID-19 are not tested, so the laboratory-confirmed cases in this report represent only a fraction of the total number of people in Minnesota who have had COVID-19. Data is for cases that were tested and returned positive.
- All data is preliminary and may change as cases are investigated.
  - 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”.
- 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 Jan. 20, 2020.

DEPARTMENT OF HEALTH

Minnesota Department of Health | health.mn.gov

COVID-19 Overview Summary

705,440	40,163	4,305	1,312	1,490
Total Laboratory Tests (cumulative)	Total Positive Cases (cumulative)	Total Hospitalizations (cumulative)	Total ICU Hospitalizations (cumulative)	Total Deaths (cumulative)

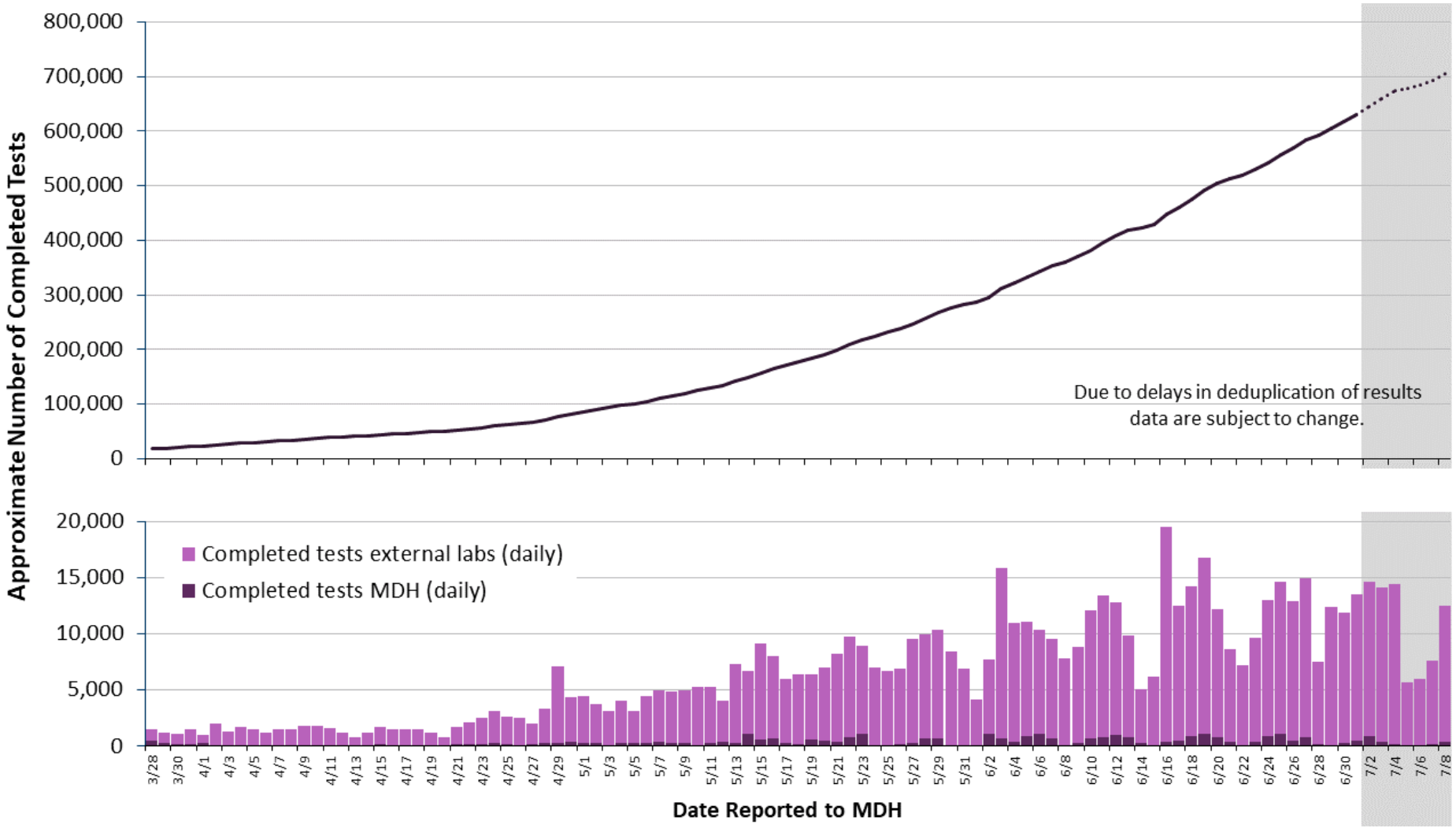


MMWR Week	Week 10: 3/1-3/7	Week 11: 3/8-3/14	Week 12: 3/15-3/21	Week 13: 3/22-3/28	Week 14: 3/29-4/4	Week 15: 4/5-4/11	Week 16: 4/12-4/18	Week 17: 4/19-4/25	Week 18: 4/26-5/2	Week 19: 5/3-5/9	Week 20: 5/10-5/16	Week 21: 5/17-5/23	Week 22: 5/24-30	Week 23: 5/31-6/6	Week 24: 6/7-6/13	Week 25: 6/14-6/20	Week 26: 6/21-6/27	Week 27: 6/28-7/4	Week 28: 7/5-7/11
MN Phases of Reopening				Stay Home MN (3/26-5/17)								Phase I (5/18-6/1)		Phase II (6/1)		Phase III (6/10)			

More information on the Phases of Reopening can be found at: Minnesota's Stay Safe Plan (https://mn.gov/covid19/for-minnesotans/stay-safe-mn/stay-safe-plan.jsp)
Detailed data for this chart is outlined in the following pages. Tables of data are provided in the Minnesota Situation Update for Coronavirus Disease 2019 (COVID-19) (https://www.health.state.mn.us/diseases/coronavirus/situation.html)

Laboratory Tests for COVID-19

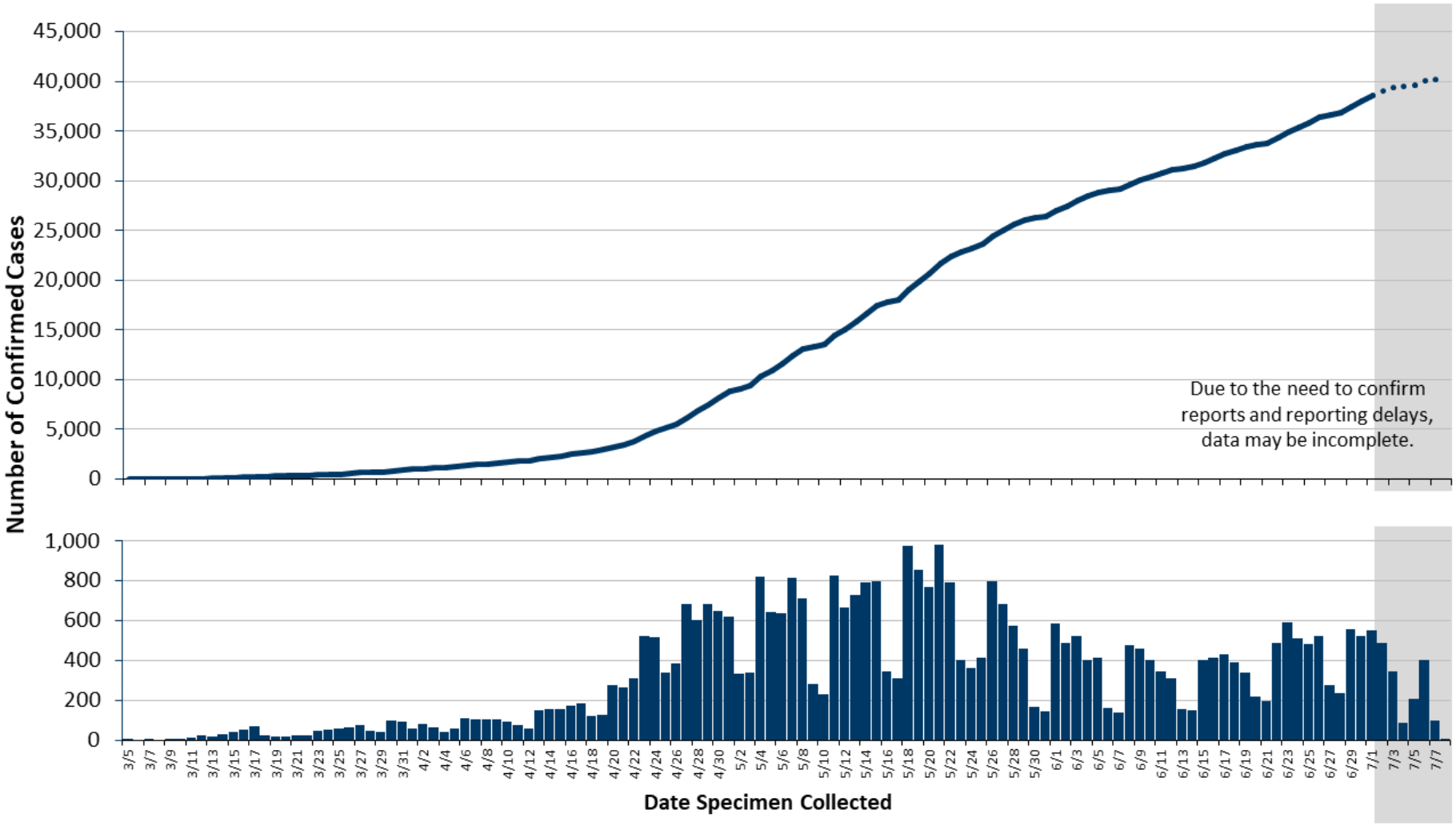
705,440
Total Laboratory Tests (cumulative)



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)

Positive COVID-19 Cases

40,163
Total Positive Cases (cumulative)



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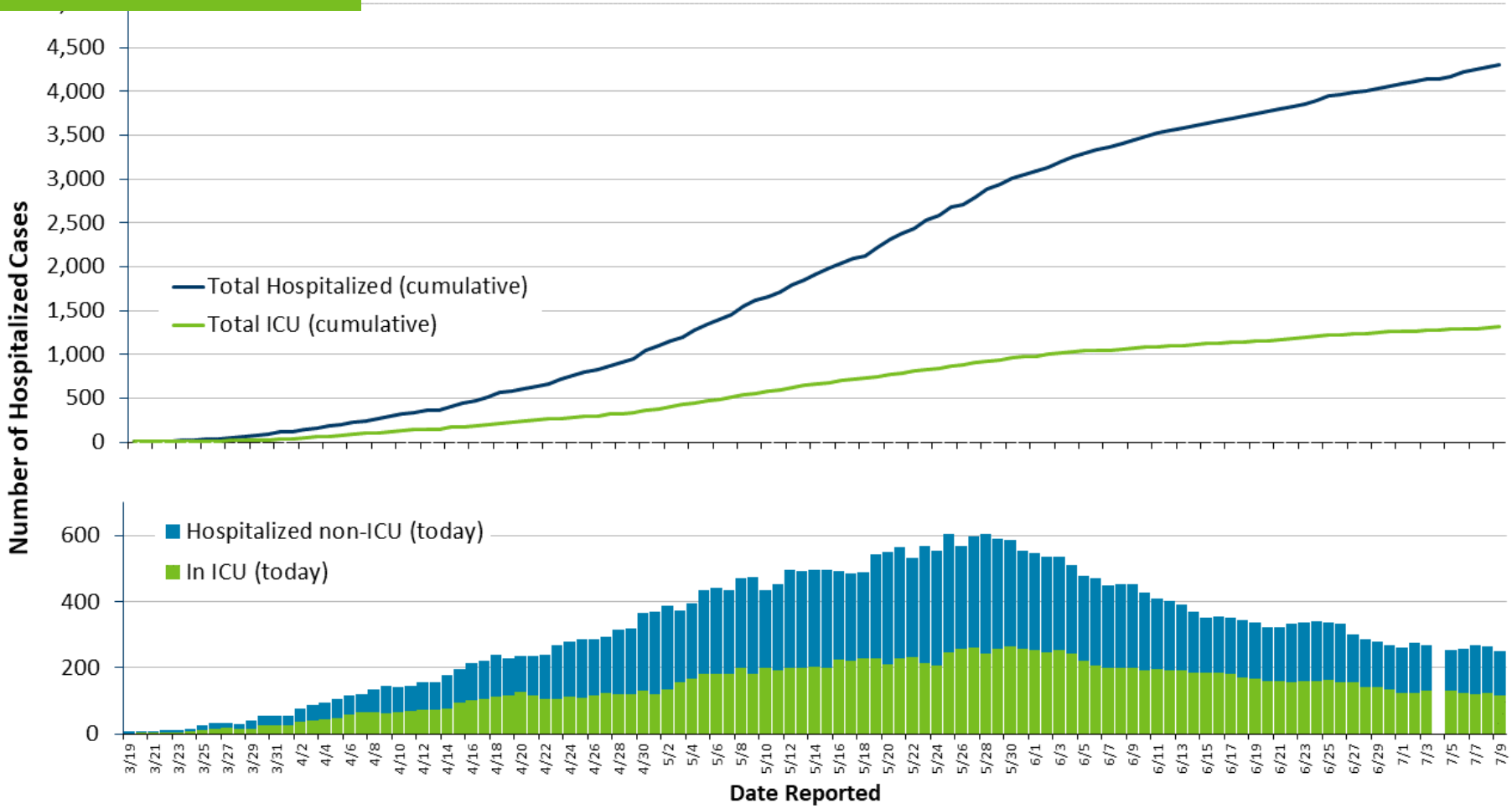
Hospitalizations for COVID-19

4,305
Total Hospitalizations(cumulative)

1,312
Total ICU Hospitalizations(cumulative)



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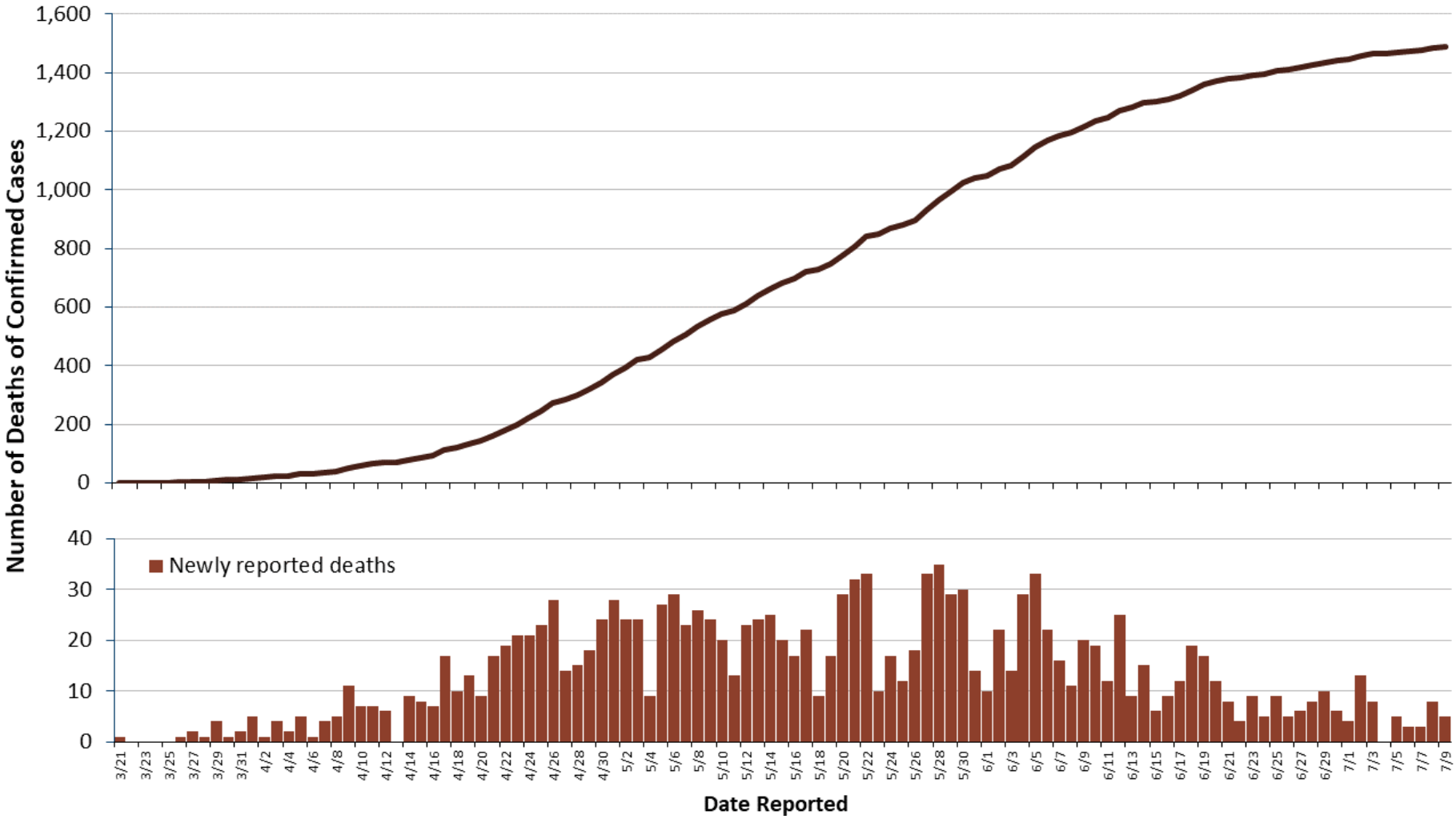
COVID-19 Deaths

1,490
Total Deaths (cumulative)



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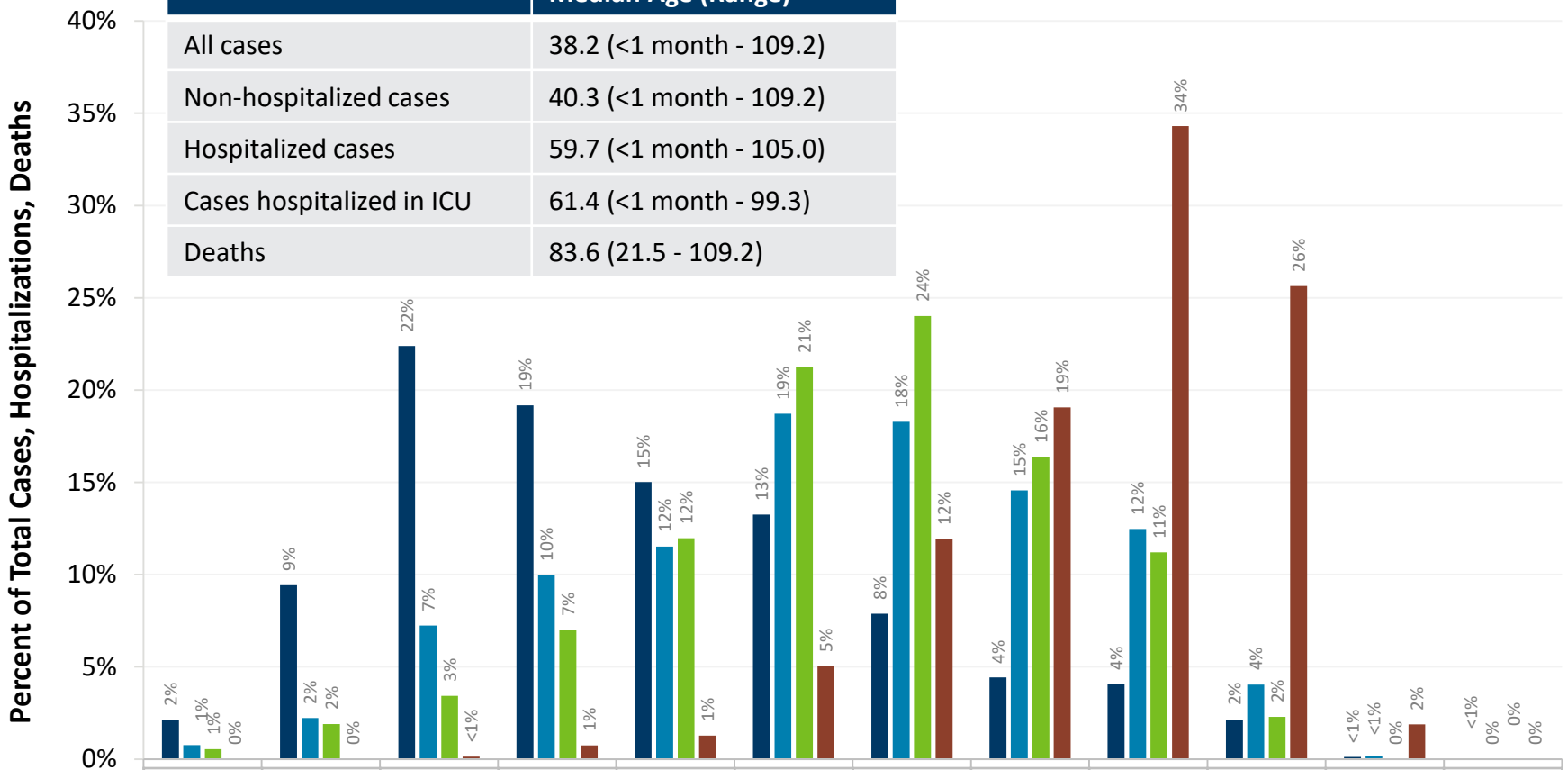
Demographics: Age

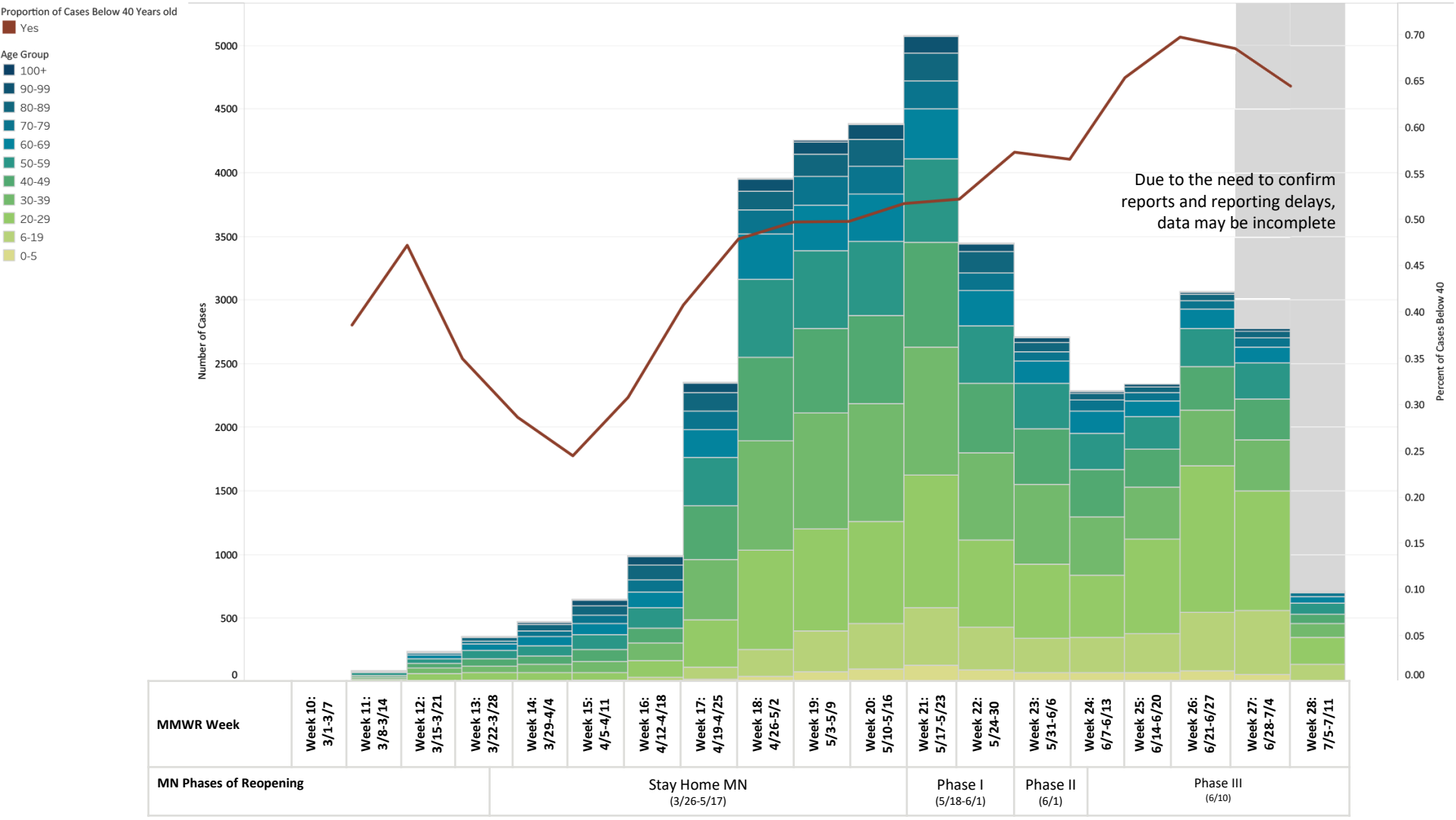
	Median Age (Range)
All cases	38.2 (<1 month - 109.2)
Non-hospitalized cases	40.3 (<1 month - 109.2)
Hospitalized cases	59.7 (<1 month - 105.0)
Cases hospitalized in ICU	61.4 (<1 month - 99.3)
Deaths	83.6 (21.5 - 109.2)



	0-5 years	6-19 years	20-29 years	30-39 years	40-49 years	50-59 years	60-69 years	70-79 years	80-89 years	90-99 years	100+ years	Unk/ missing
All cases	856	3,788	8,990	7,702	6,028	5,322	3,162	1,778	1,628	859	49	1
Hospitalized cases	33	96	312	430	496	806	787	627	537	174	7	0
Hospitalized in ICU	7	25	45	92	157	279	315	215	147	30	0	0
Deaths	0	0	2	11	19	75	178	284	511	382	28	0

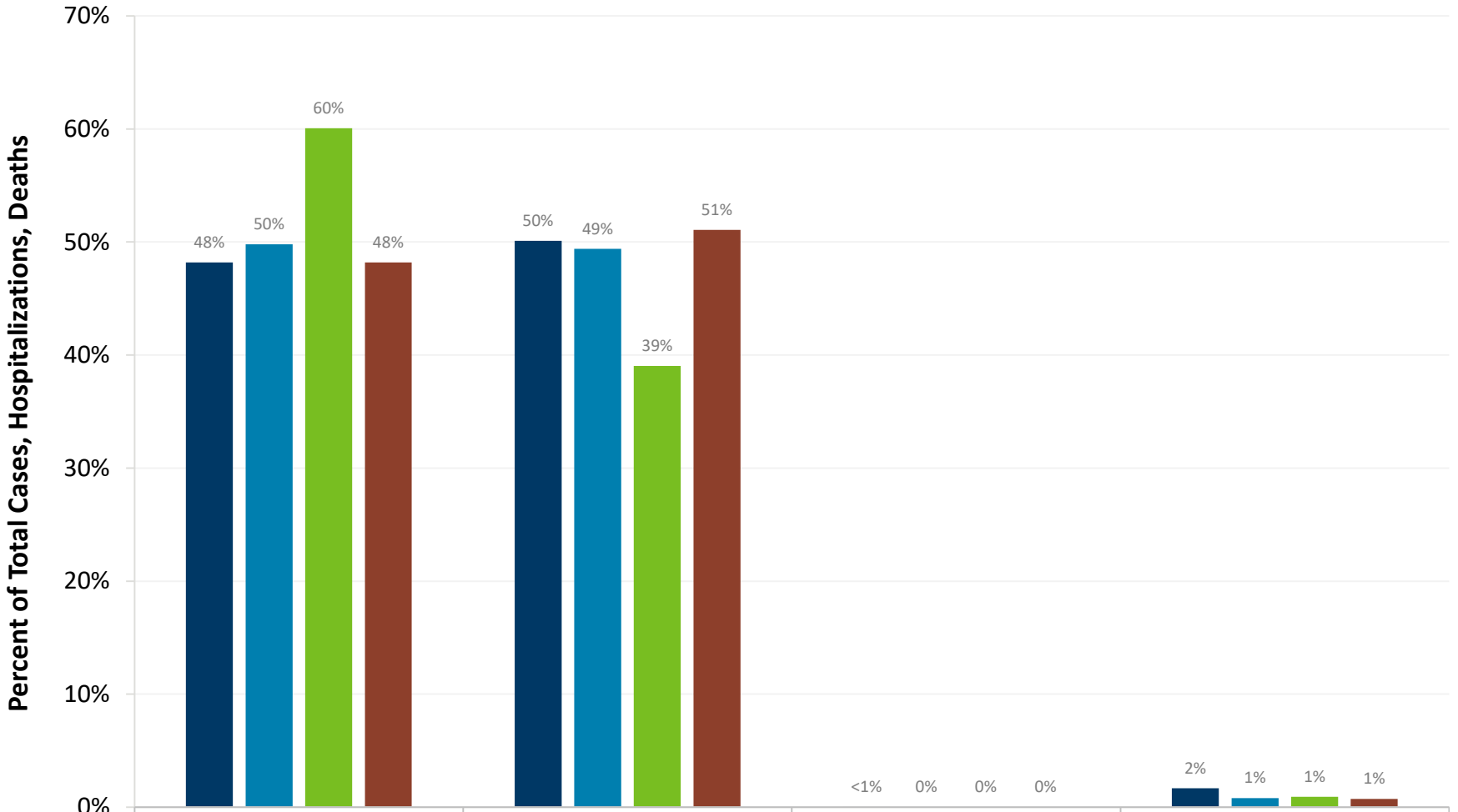
Demographics: Number of Cases by Age and Date

Number of cases by age group by date of specimen collection in Minnesota.



More information on the Phases of Reopening can be found at: Minnesota's Stay Safe Plan (https://mn.gov/covid19/for-minnesotans/stay-safe-mn/stay-safe-plan.jsp)

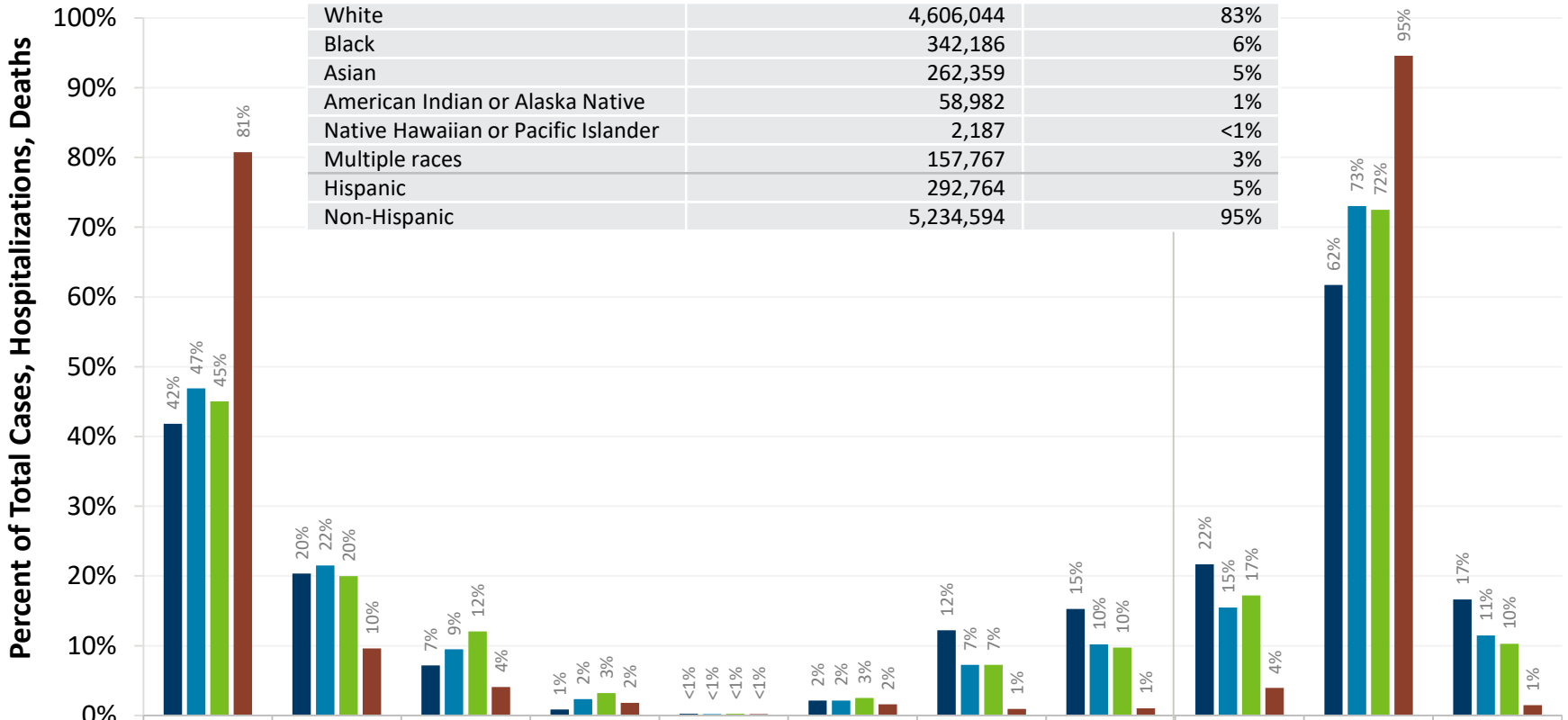
Demographics: Gender



	Male	Female	Other	Unknown/ missing
All cases	19,355	20,127	11	670
Hospitalized cases	2,144	2,126	0	35
Hospitalized in ICU	788	512	0	12
Deaths	718	761	0	11

Demographics: Race and Ethnicity

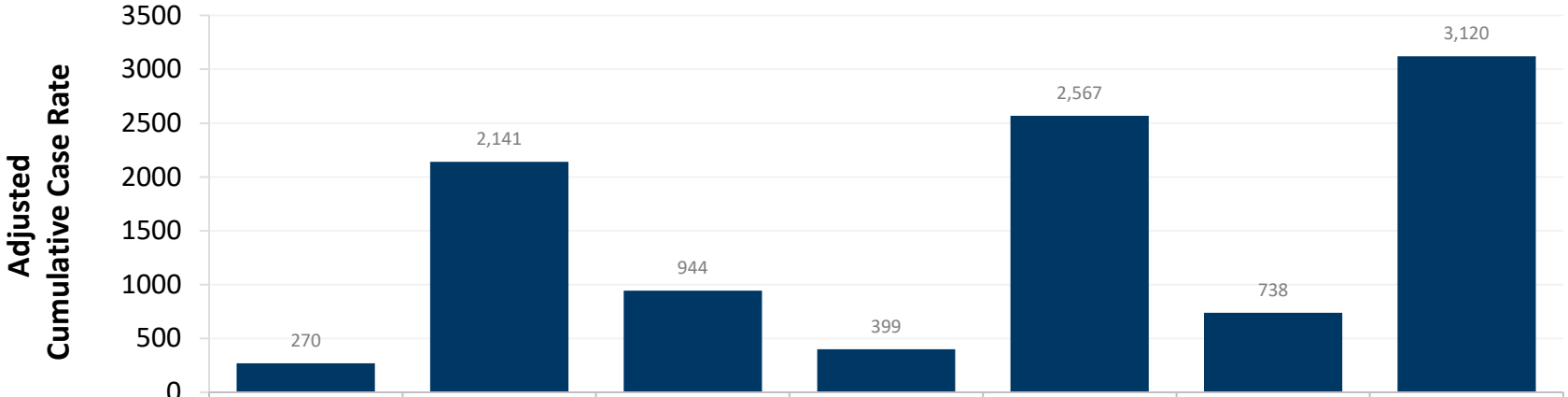
Race/Ethnicity	Minnesota Population (2018)	Percent of Population
White	4,606,044	83%
Black	342,186	6%
Asian	262,359	5%
American Indian or Alaska Native	58,982	1%
Native Hawaiian or Pacific Islander	2,187	<1%
Multiple races	157,767	3%
Hispanic	292,764	5%
Non-Hispanic	5,234,594	95%



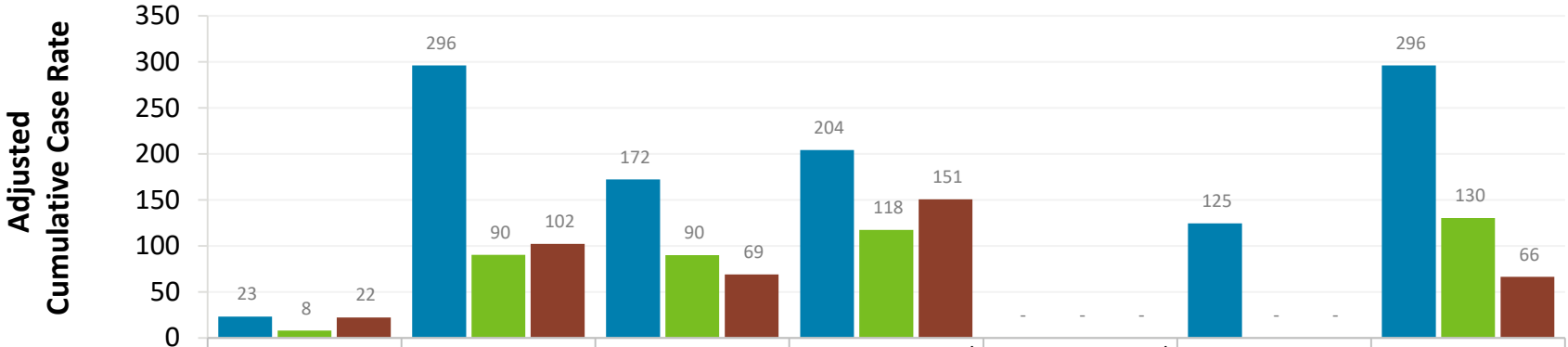
	White	Black	Asian	American Indian/ Alaska Native	Native Hawaiian /Pacific Islander	Multiple Races	Other	Unk/ missing race	Hispanic	Non-Hispanic	Unk/ missing ethnicity
All cases	16,795	8,168	2,877	399	91	865	4,898	6,130	8,708	24,779	6,676
Hospitalized cases	2,019	926	408	101	8	93	312	438	667	3,144	494
Hospitalized in ICU	591	262	158	42	3	33	95	128	226	951	135
Deaths	1,203	143	61	27	3	24	14	15	59	1,409	22

Race & Ethnicity: Age Adjusted 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. Cumulative case rate is the number of cases by race or ethnicity per 100,000 people in Minnesota. Rates have been suppressed when total cases are less than 25 or the relative standard error is greater than 0.3.



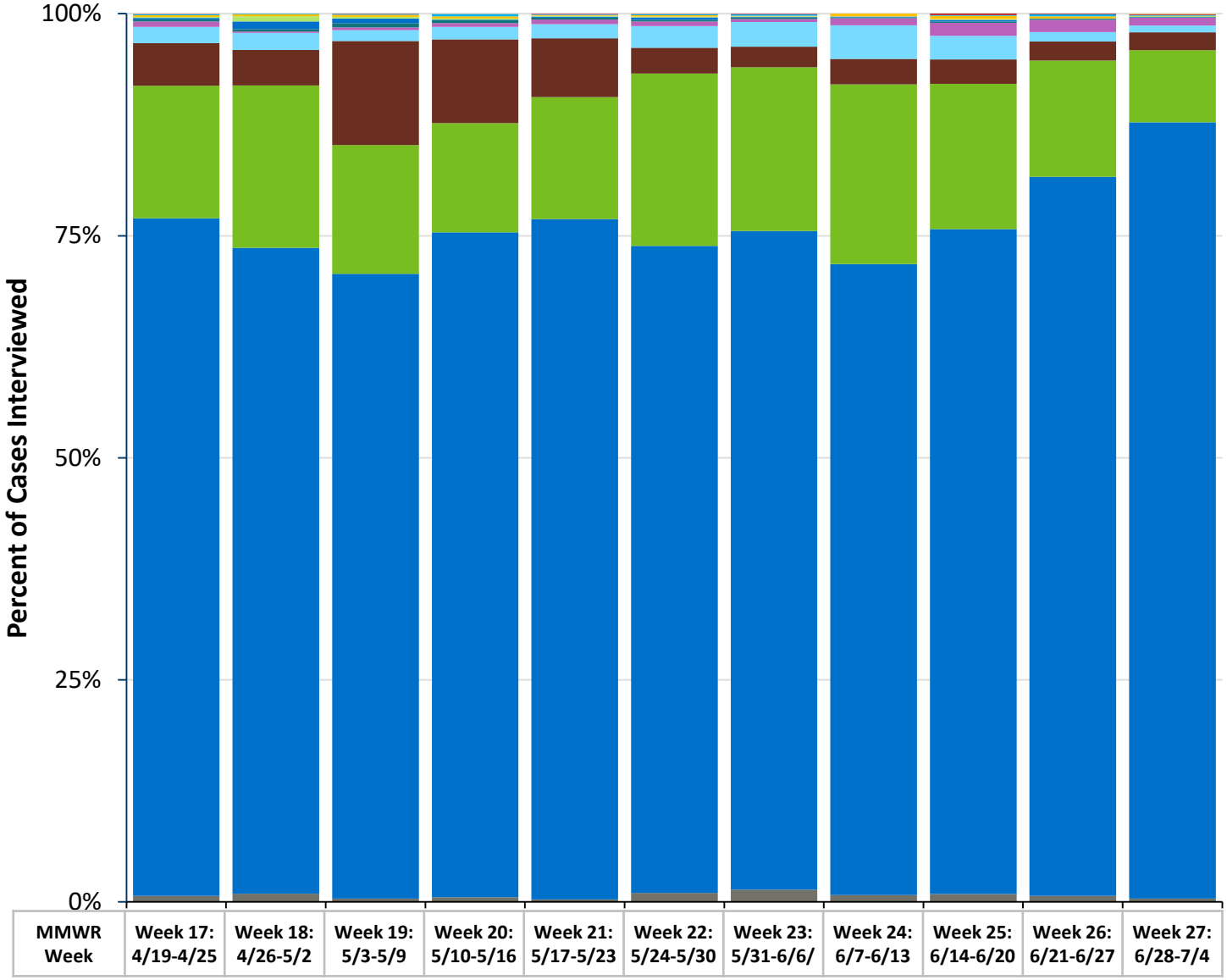
	White, Non-Hispanic	Black, Non-Hispanic	Asian	American Indian or Alaska Native	Native Hawaiian or Pacific Isander	Multiple races	Hispanic
Age Adjusted Cumulative Case Rate	270	2141	944	399	2567	738	3120



	White, Non-Hispanic	Black, Non-Hispanic	Asian	American Indian/ Alaskan Native	Native Hawaiian/ Pacific Islander	Multiple races	Hispanic
Hospitalized cases	23	296	172	204	-	125	296
Hospitalized in ICU	8	90	90	118	-	-	130
Deaths	22	102	69	151	-	-	66

Demographics: Language

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

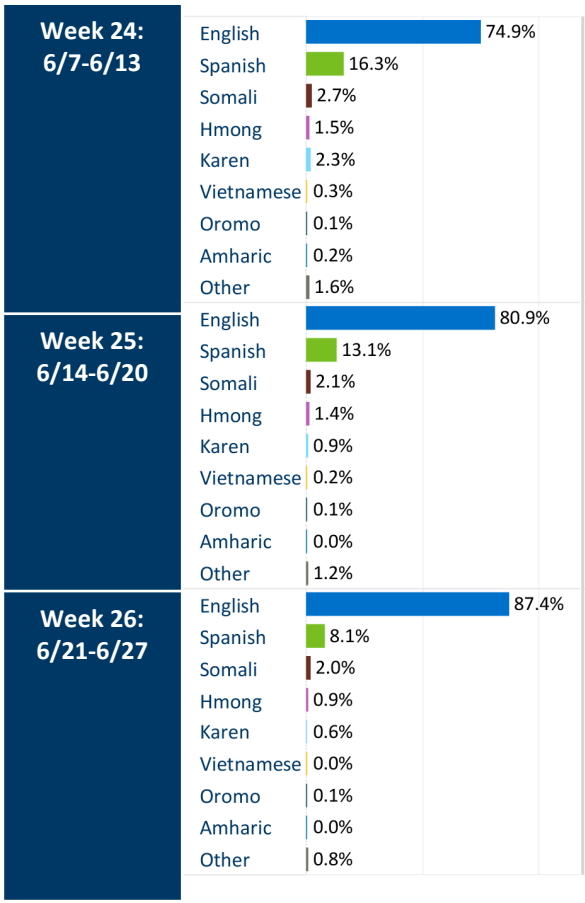


Language	Percent of interviews
Mandarin	<1%
Cantonese	<1%
Russian	<1%
Arabic	<1%
Vietnamese	<1%
Laotian	<1%
Amharic	<1%
Oromo	<1%
Hmong	1%
Karen	2%
Somali	5%
Spanish	15%
English	76%
Other	1%

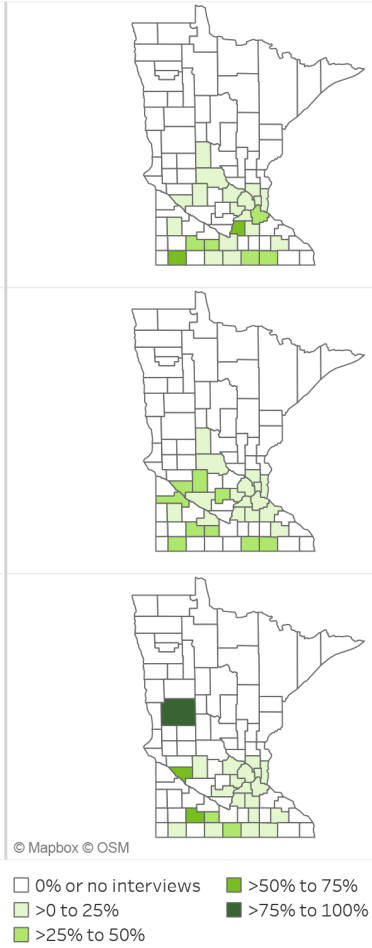
Demographics: Language by County of Residence

Percent of interviews by language and week of specimen collection.

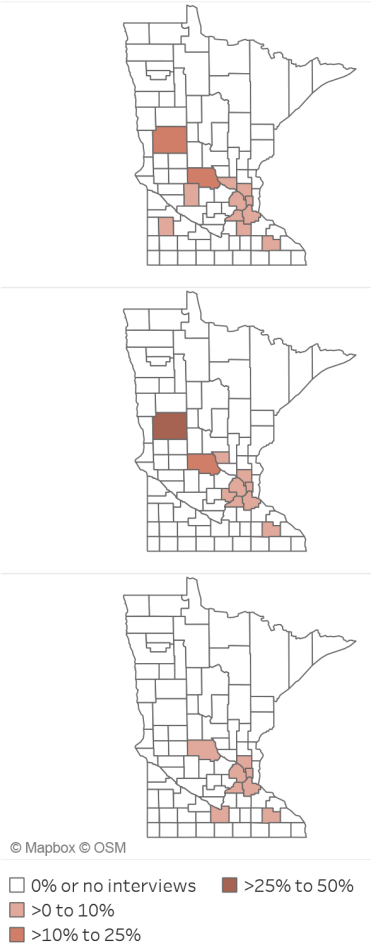
Percent of Interviews by Language and Week



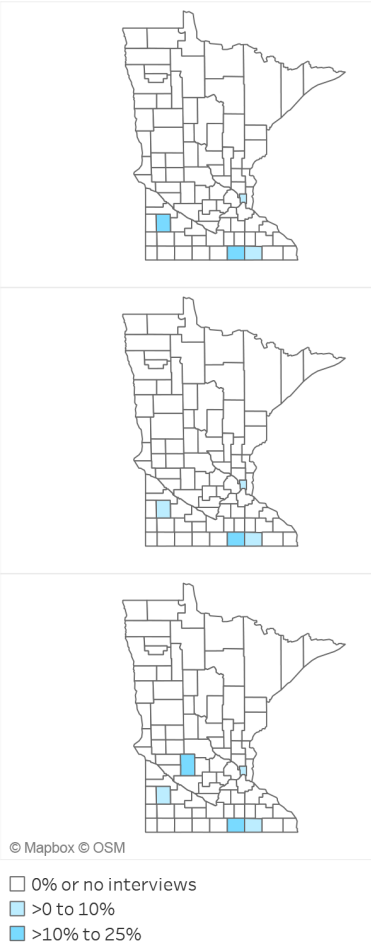
Spanish Language Interviews by Week and County



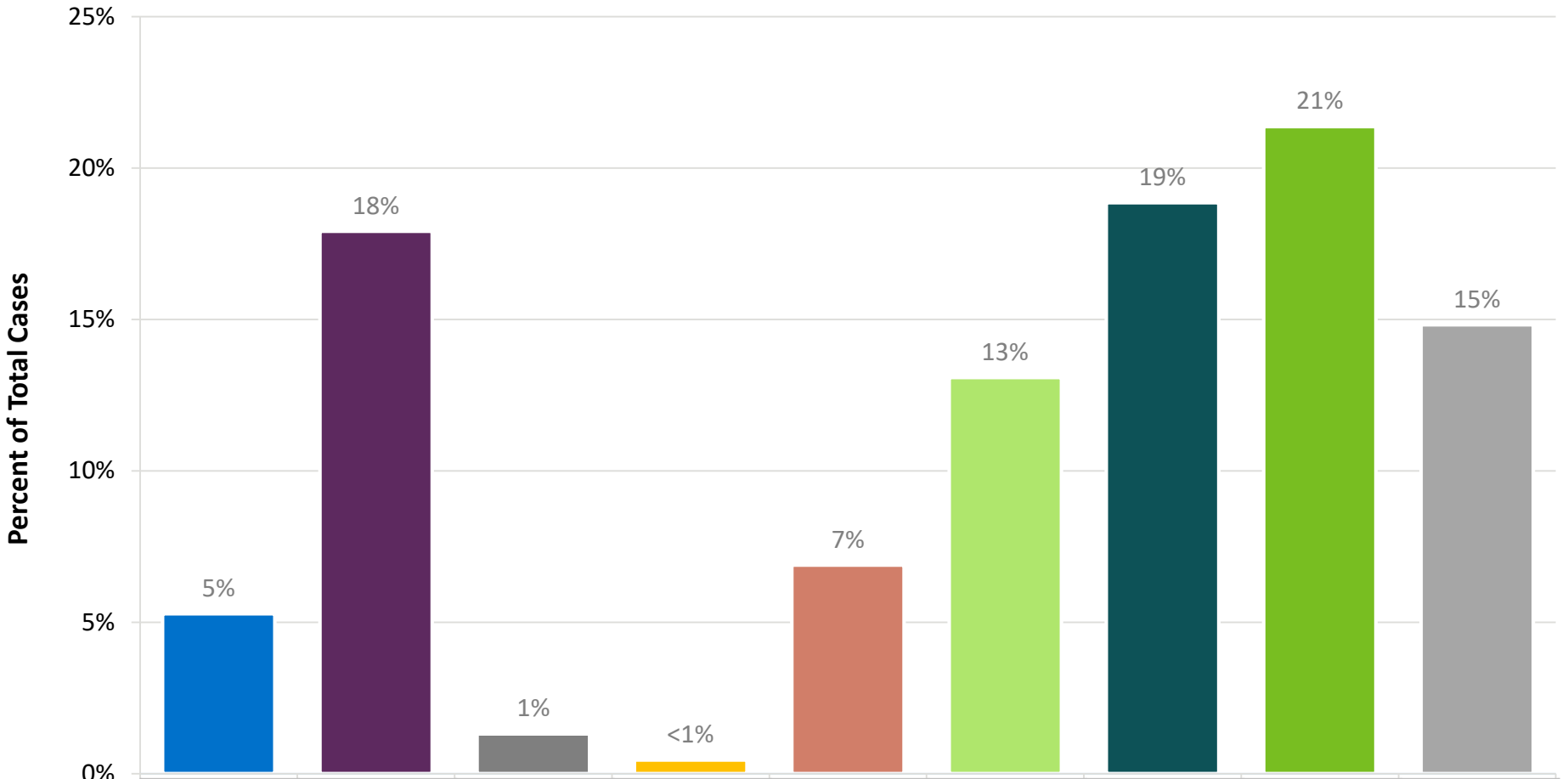
Somali Language Interviews by Week and County



Karen Language Interviews by Week and County



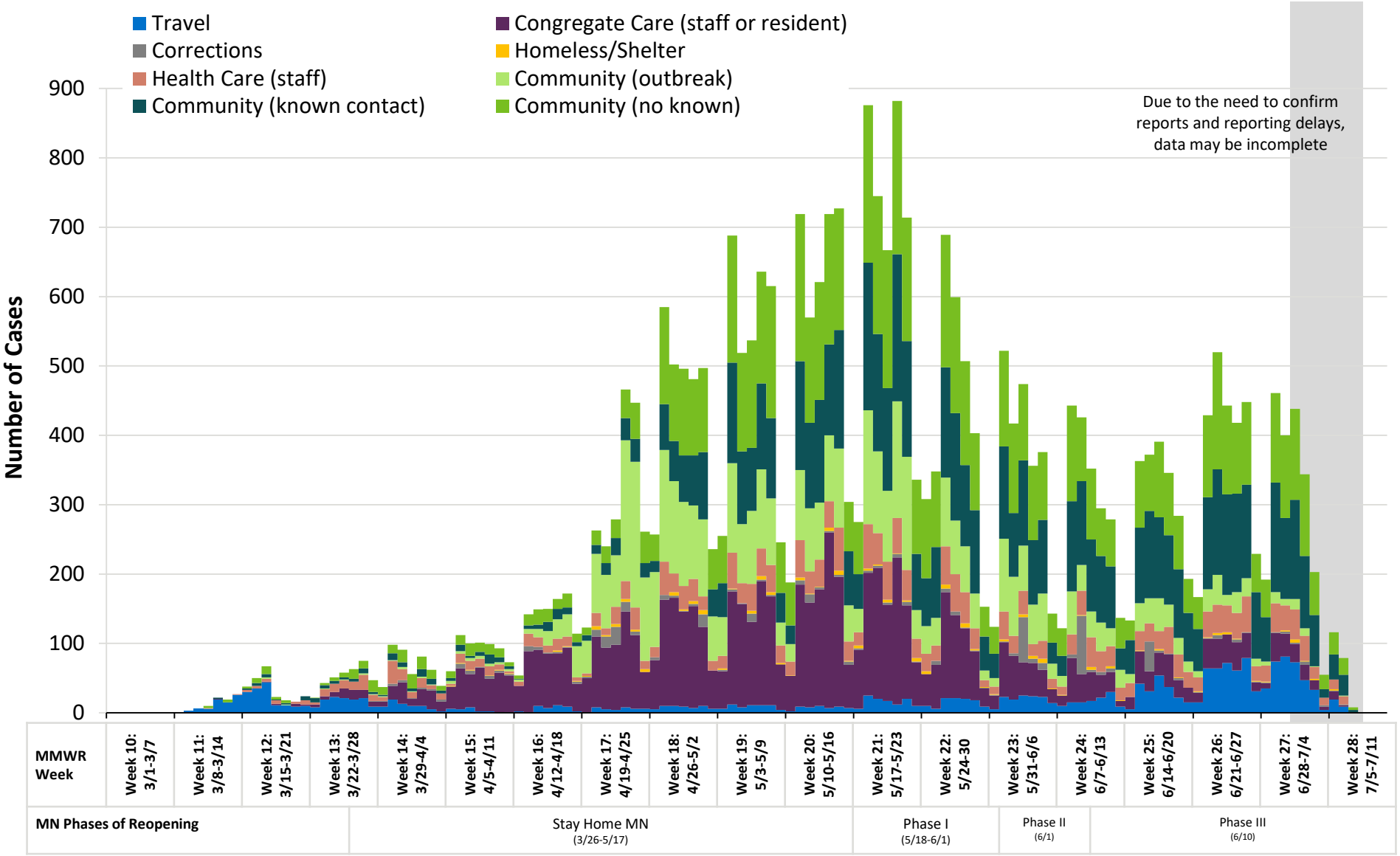
Likely Exposure



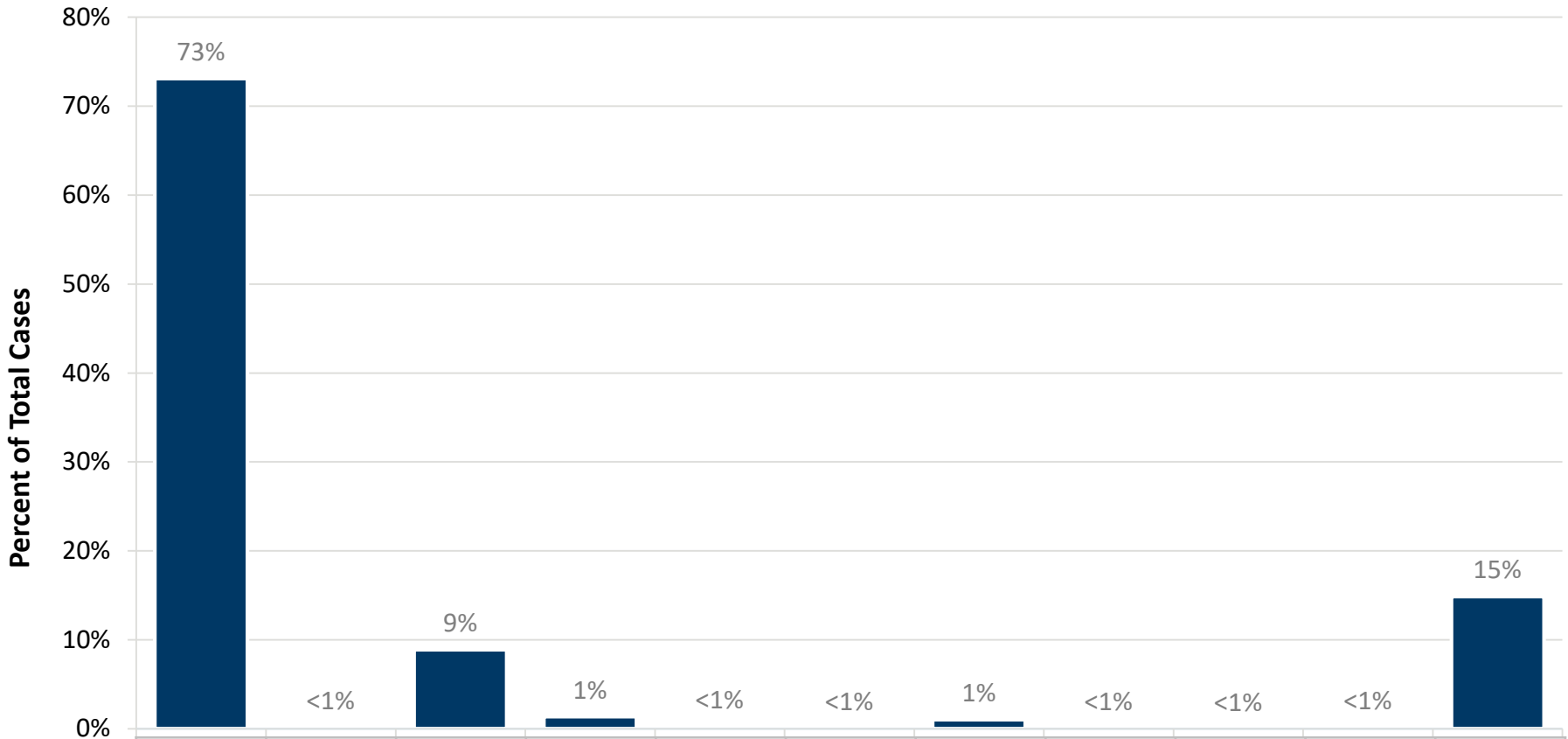
	Travel (outside MN)	Congregate care (staff or resident)	Corrections	Homeless/ Shelter	Health care	Community (outbreak)	Community (known contact)	Community (no known contact)	Unknown/ missing
Likely Exposure	2,123	7,194	527	183	2,768	5,255	7,574	8,583	5,956

Cases by Likely Exposure and Specimen Collection Date

Number of cases by likely exposure by date of specimen collection in Minnesota.



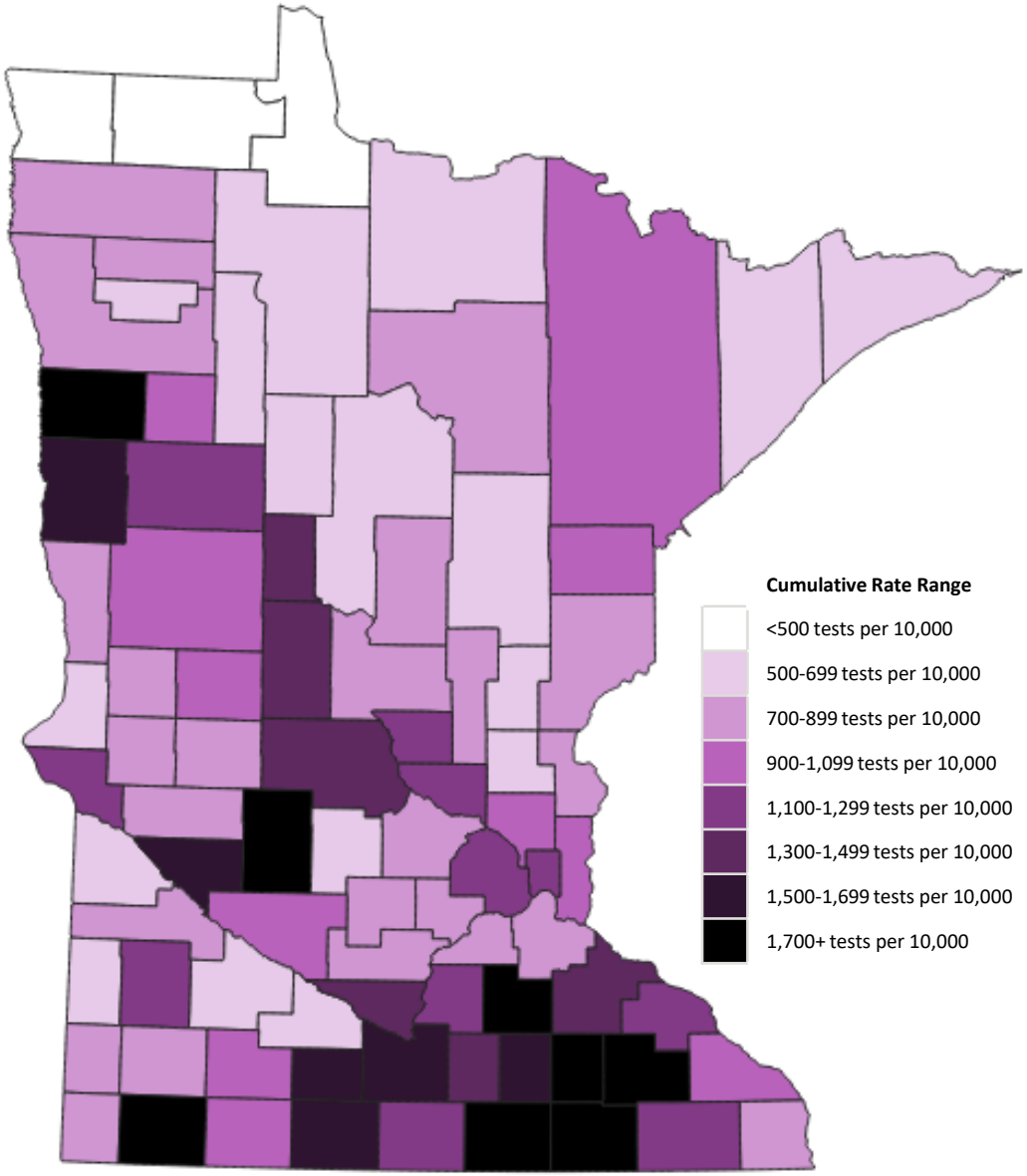
Residence Type



	Private residence	Hotel/ Motel	Long-term care facility/ Assisted living (LTCF)	Group Home/ Res. behavior health	Homeless (sheltered)	Homeless (unsheltered)	Jail/ Prison	College/ Uni./ Camp dorm	Work dorm	Other	Unknown / missing
Residence Type	29,366	59	3,572	546	105	35	411	20	4	73	5,972

Laboratory Test Rates by County of Residence

Cumulative rate of tests by county of residence per 10,000 people.

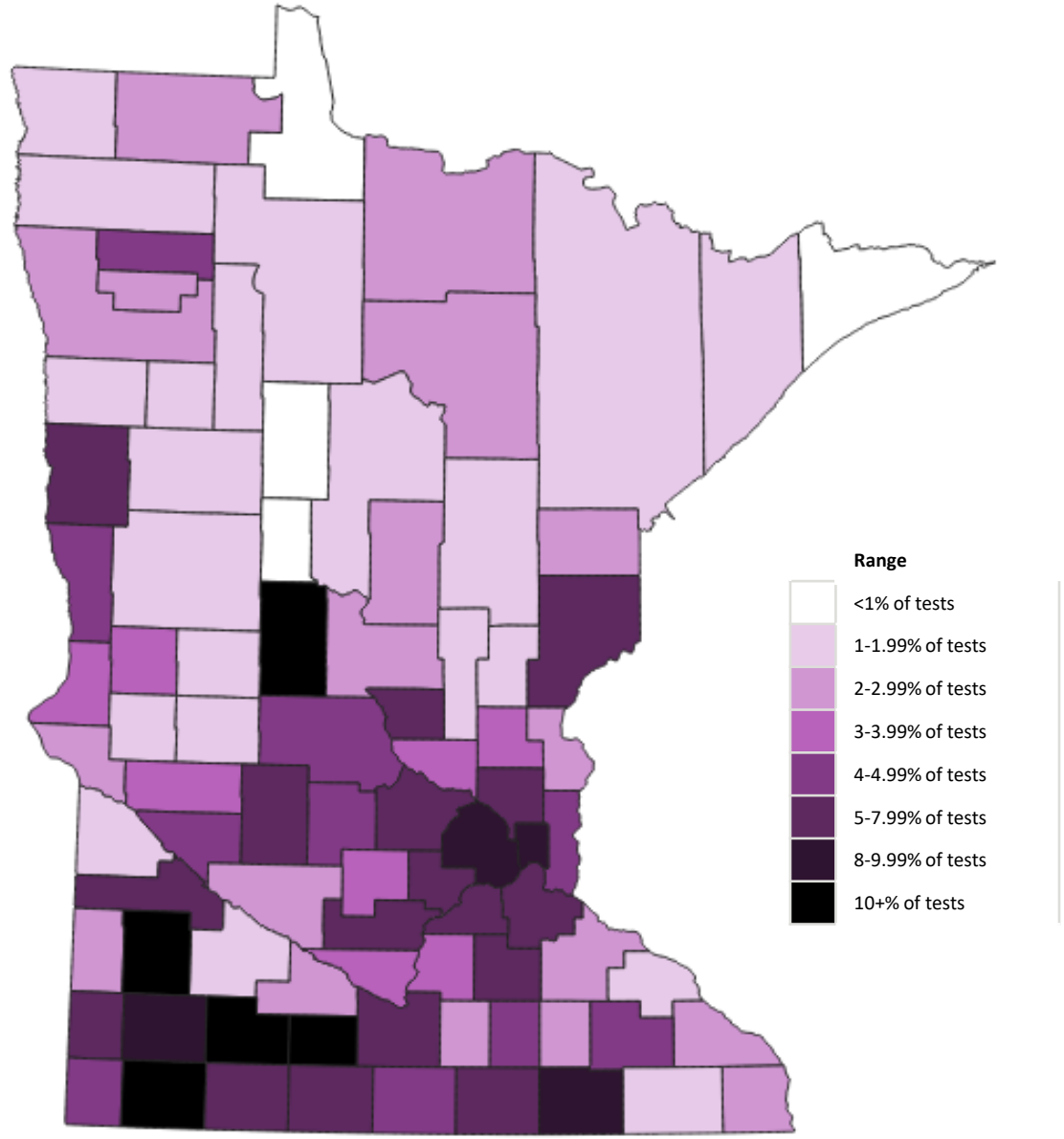


County	Number of Tests	Cumulative Rate
Aitkin	975	602
Anoka	33,870	1,008
Becker	3,826	1,152
Beltrami	2,463	543
Benton	4,319	1,108
Big Stone	649	1,225
Blue Earth	10,296	1,565
Brown	1,678	644
Carlton	3,867	1,081
Carver	7,180	772
Cass	2,009	690
Chippewa	1,943	1,564
Chisago	4,039	742
Clay	9,319	1,540
Clearwater	569	655
Cook	285	547
Cottonwood	1,277	1,096
Crow Wing	5,395	848
Dakota	36,483	899
Dodge	3,677	1,808
Douglas	3,564	975
Faribault	1,873	1,286
Fillmore	2,563	1,227
Freeborn	5,370	1,716
Goodhue	6,998	1,492
Grant	455	747
Hennepin	150,206	1,287
Houston	1,420	739
Hubbard	1,264	616
Isanti	2,296	603
Itasca	3,994	876
Jackson	931	902
Kanabec	1,057	642
Kandiyohi	7,834	1,838
Kittson	155	338
Koochiching	925	690
Lac qui Parle	431	590
Lake	721	660
Lake of the Woods	150	367
Le Sueur	3,261	1,172
Lincoln	409	694
Lyon	3,209	1,239
Mahnomen	562	1,035
Marshall	799	845

County	Number of Tests	Cumulative Rate
Martin	3,439	1,648
McLeod	2,879	775
Meeker	1,518	652
Mille Lacs	1,871	715
Morrison	2,485	740
Mower	11,704	2,994
Murray	680	773
Nicollet	4,747	1,441
Nobles	4,827	2,259
Norman	1,272	1,868
Olmsted	31,789	2,162
Otter Tail	6,062	1,047
Pennington	1,016	721
Pine	2,104	713
Pipestone	735	758
Polk	2,429	760
Pope	877	798
Ramsey	63,092	1,228
Red Lake	252	613
Redwood	1,089	667
Renville	1,732	1,097
Rice	13,964	2,143
Rock	727	743
Roseau	757	483
Scott	11,693	881
Sherburne	11,140	1,237
Sibley	1,298	847
St. Louis	18,291	905
Stearns	20,816	1,363
Steele	5,954	1,616
Stevens	697	712
Swift	738	756
Todd	3,564	1,427
Traverse	225	638
Wabasha	2,739	1,256
Wadena	1,857	1,349
Waseca	2,814	1,466
Washington	25,379	1,049
Watonwan	1,792	1,593
Wilkin	506	758
Winona	5,093	984
Wright	10,378	819
Yellow Medicine	780	749

Percent of Tests Positive by County of Residence

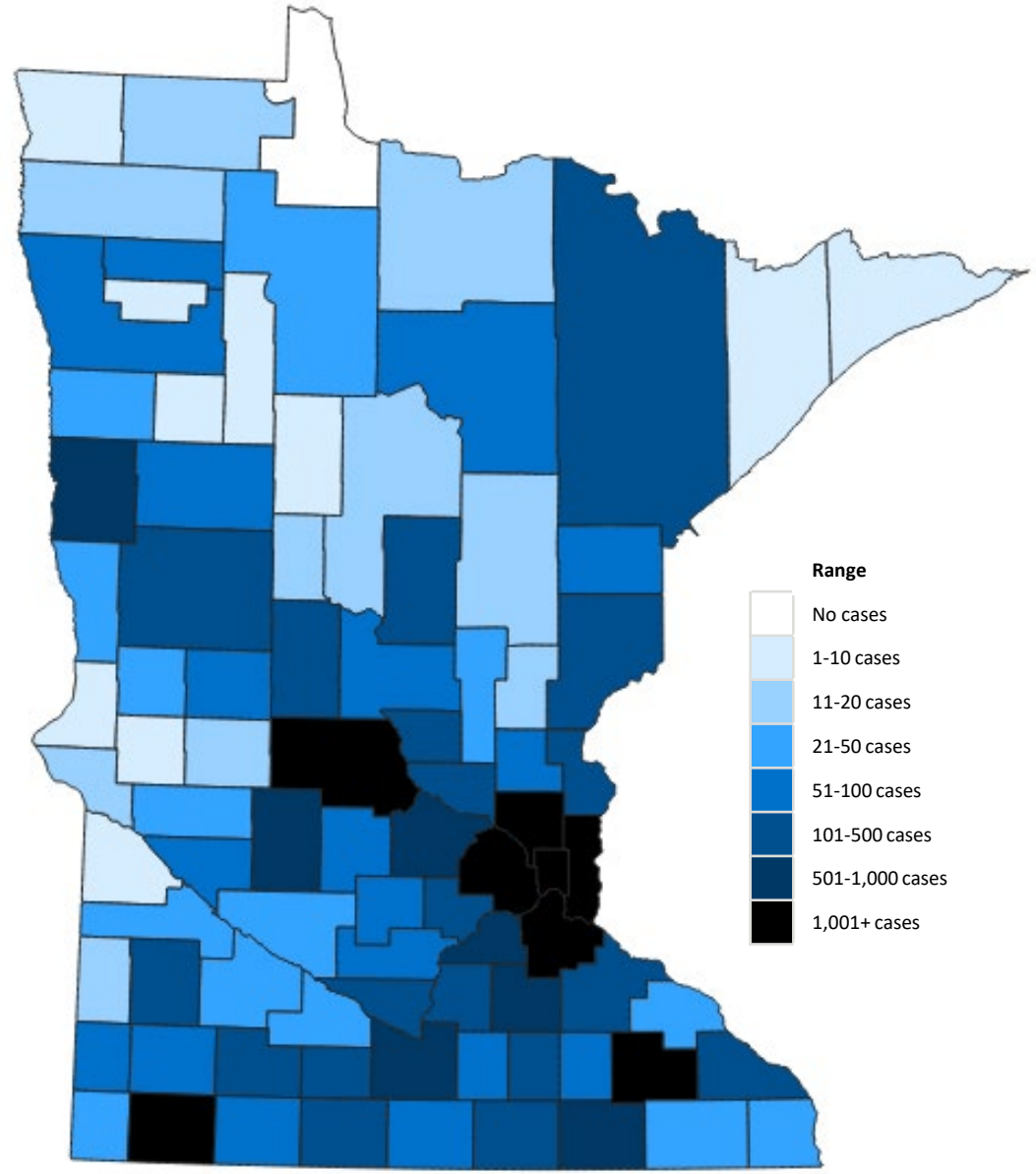
Percent positive is the percent of positive tests from the total number of tests by county of residence.



County	% Positive
Aitkin	1.5%
Anoka	7.2%
Becker	1.9%
Beltrami	1.4%
Benton	5.6%
Big Stone	2.5%
Blue Earth	5.4%
Brown	2.4%
Carlton	2.5%
Carver	6.4%
Cass	1.2%
Chippewa	4.0%
Chisago	2.8%
Clay	7.4%
Clearwater	1.8%
Cook	0.7%
Cottonwood	11.3%
Crow Wing	2.2%
Dakota	7.3%
Dodge	2.9%
Douglas	1.8%
Faribault	4.0%
Fillmore	1.5%
Freeborn	6.7%
Goodhue	2.2%
Grant	3.5%
Hennepin	9.4%
Houston	2.0%
Hubbard	0.6%
Isanti	3.0%
Itasca	2.1%
Jackson	7.2%
Kanabec	1.4%
Kandiyohi	7.9%
Kittson	1.3%
Koochiching	2.2%
Lac qui Parle	1.2%
Lake	1.1%
Lake of the Woods	0.0%
Le Sueur	3.6%
Lincoln	2.9%
Lyon	10.2%
Mahnomen	1.4%
Marshall	1.6%

County	% Positive
Martin	5.7%
McLeod	3.2%
Meeker	4.6%
Mille Lacs	1.9%
Morrison	2.9%
Mower	9.1%
Murray	9.3%
Nicollet	3.9%
Nobles	34.6%
Norman	1.8%
Olmsted	4.7%
Otter Tail	1.8%
Pennington	4.4%
Pine	5.2%
Pipestone	7.5%
Polk	2.5%
Pope	1.4%
Ramsey	8.9%
Red Lake	2.8%
Redwood	1.7%
Renville	2.6%
Rice	6.7%
Rock	4.3%
Roseau	2.5%
Scott	6.9%
Sherburne	3.7%
Sibley	5.2%
St. Louis	1.2%
Stearns	11.7%
Steele	4.6%
Stevens	1.4%
Swift	3.3%
Todd	12.3%
Traverse	3.1%
Wabasha	1.7%
Wadena	0.8%
Waseca	2.8%
Washington	4.7%
Watonwan	12.1%
Wilkin	4.3%
Winona	2.5%
Wright	5.1%
Yellow Medicine	5.5%

Cases by County of Residence



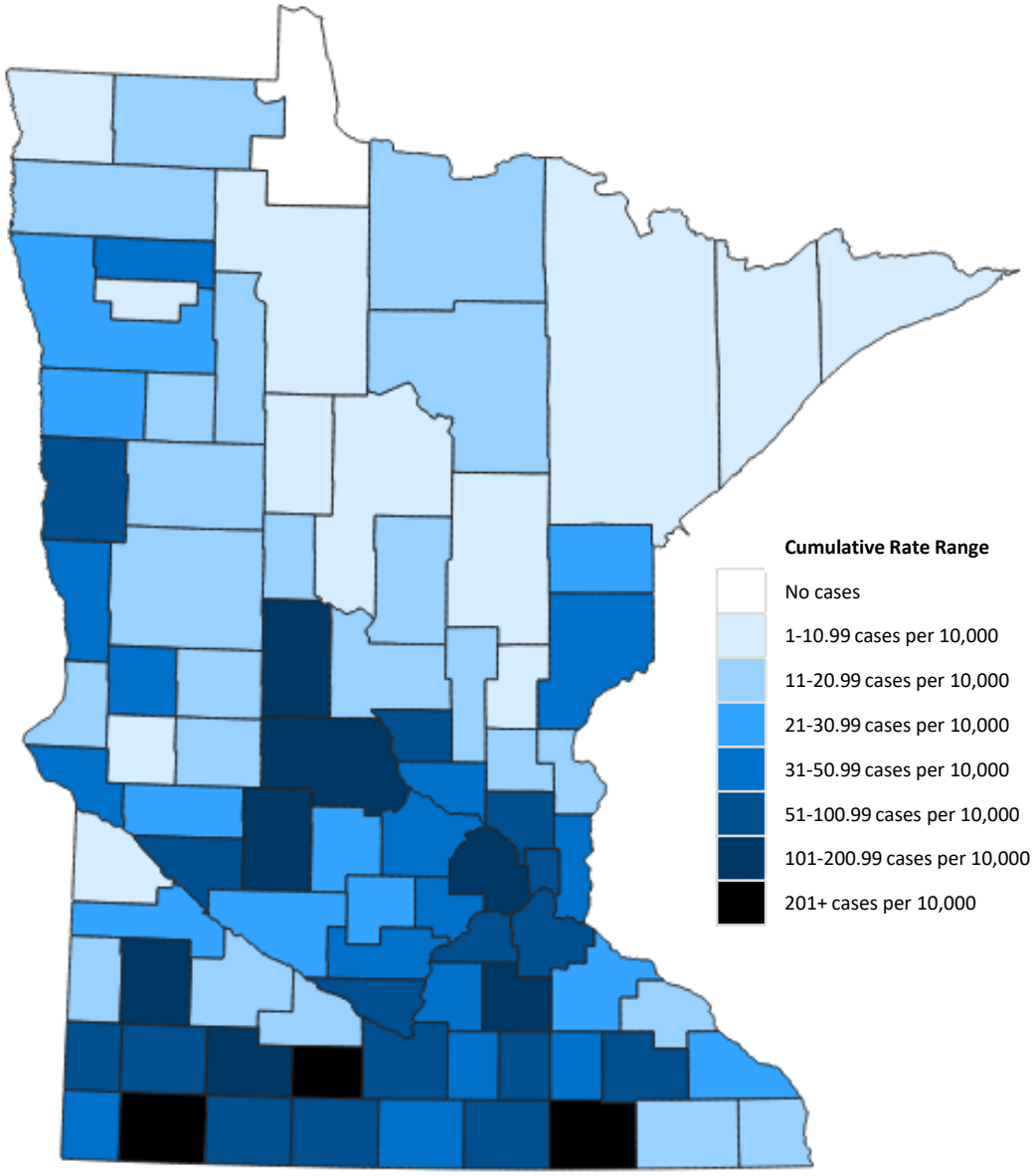
County	Cases	Deaths
Aitkin	15	0
Anoka	2,328	111
Becker	57	0
Beltrami	41	0
Benton	228	3
Big Stone	17	0
Blue Earth	535	2
Brown	39	2
Carlton	89	0
Carver	433	1
Cass	19	2
Chippewa	79	1
Chisago	103	1
Clay	598	38
Clearwater	10	0
Cook	1	0
Cottonwood	138	0
Crow Wing	108	12
Dakota	2,524	94
Dodge	93	0
Douglas	67	0
Faribault	60	0
Fillmore	30	0
Freeborn	302	0
Goodhue	137	8
Grant	22	0
Hennepin	12,867	789
Houston	29	0
Hubbard	8	0
Isanti	78	0
Itasca	68	12
Jackson	57	0
Kanabec	16	1
Kandiyohi	584	1
Kittson	2	0
Koochiching	17	1
Lac qui Parle	4	0
Lake	6	0
Lake of the Woods	0	0
Le Sueur	117	1
Lincoln	11	0
Lyon	331	2
McLeod	96	0
Mahnomen	10	1

County	Cases	Deaths
Marshall	12	0
Martin	171	5
Meeker	62	1
Mille Lacs	34	2
Morrison	61	1
Mower	972	2
Murray	67	0
Nicollet	187	12
Nobles	1,676	6
Norman	21	0
Olmsted	1,196	17
Otter Tail	102	1
Pennington	53	0
Pine	111	0
Pipestone	66	4
Polk	86	3
Pope	12	0
Ramsey	5,066	230
Red Lake	4	0
Redwood	21	0
Renville	37	2
Rice	862	8
Rock	31	0
Roseau	19	0
St. Louis	203	16
Scott	803	4
Sherburne	340	5
Sibley	56	2
Stearns	2,448	19
Steele	240	1
Stevens	8	0
Swift	25	1
Todd	402	2
Traverse	6	0
Wabasha	34	0
Wadena	16	0
Waseca	73	0
Washington	1,190	40
Watonwan	242	0
Wilkin	21	3
Winona	133	15
Wright	505	5
Yellow Medicine	31	0
Unknown/missing	84	0

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)

Cumulative Case Rate by County of Residence

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

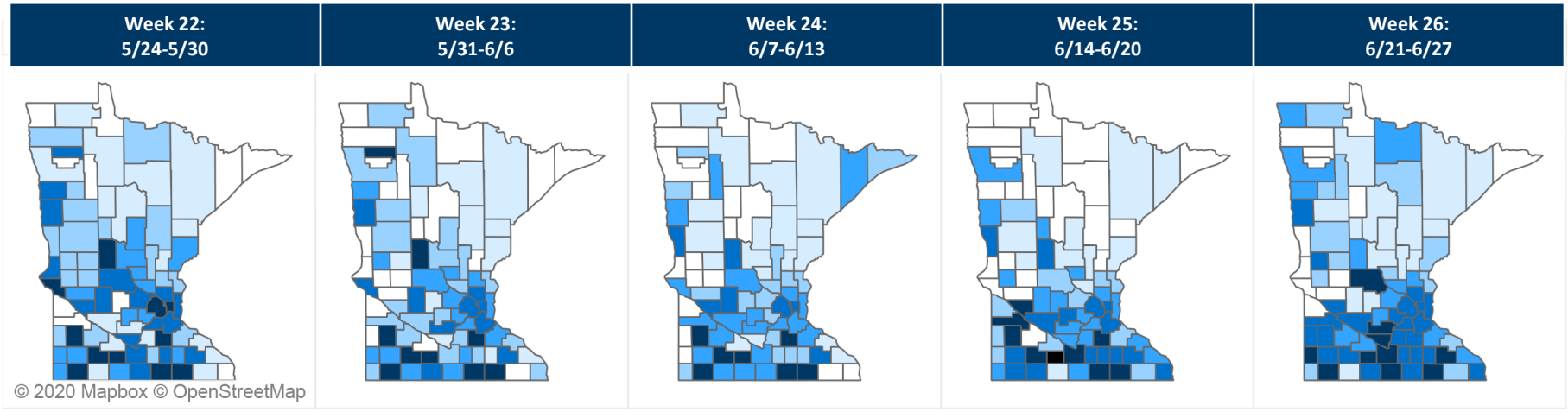


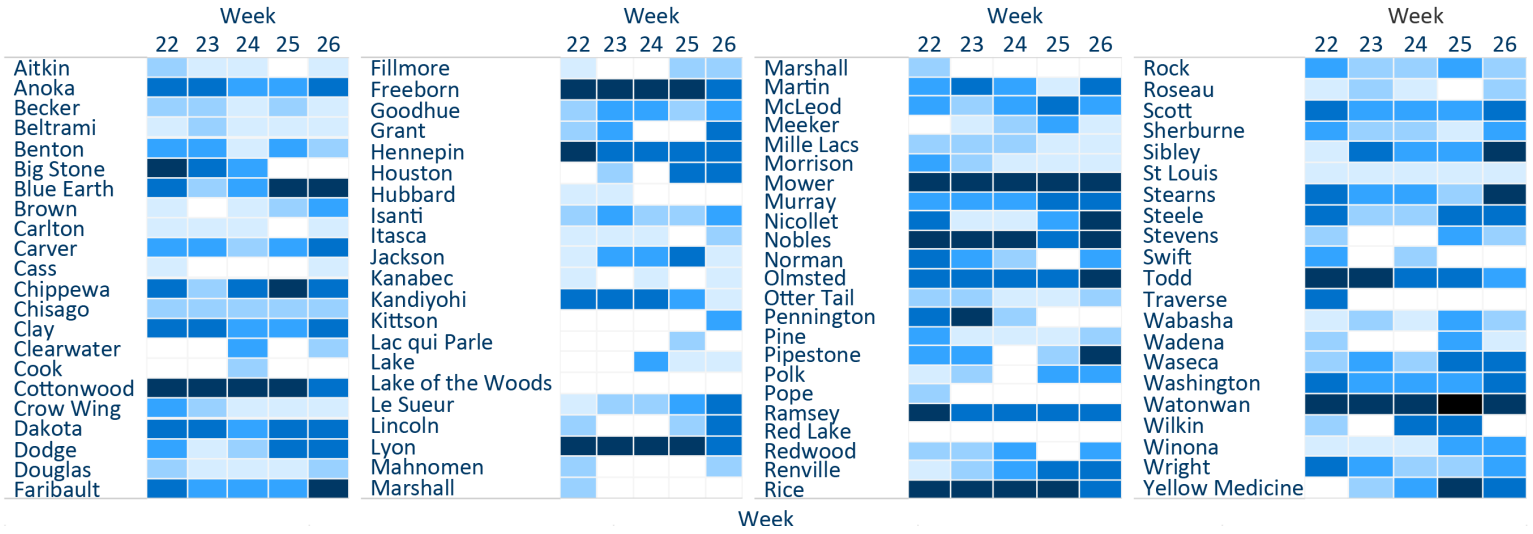
County	Cumulative Rate
Aitkin	9.26
Anoka	69.28
Becker	17.17
Beltrami	9.03
Benton	58.50
Big Stone	32.08
Blue Earth	81.32
Brown	14.96
Carlton	24.89
Carver	46.53
Cass	6.52
Chippewa	63.59
Chisago	18.91
Clay	98.82
Clearwater	11.51
Cook	1.92
Cottonwood	118.49
Crow Wing	16.98
Dakota	62.23
Dodge	45.73
Douglas	18.33
Faribault	41.21
Fillmore	14.37
Freeborn	96.50
Goodhue	29.22
Grant	36.13
Hennepin	110.29
Houston	15.08
Hubbard	3.90
Isanti	20.48
Itasca	14.92
Jackson	55.20
Kanabec	9.72
Kandiyohi	137.04
Kittson	4.36
Koochiching	12.69
Lac qui Parle	5.48
Lake	5.49
Lake of the Woods	0.00
Le Sueur	42.05
Lincoln	18.66
Lyon	127.79
Mahnomen	18.41
Marshall	12.69

County	Cumulative Rate
Martin	81.96
McLeod	25.85
Meeker	26.61
Mille Lacs	12.99
Morrison	18.17
Mower	248.66
Murray	76.18
Nicollet	56.75
Nobles	784.42
Norman	30.84
Olmsted	81.34
Otter Tail	17.62
Pennington	37.60
Pine	37.60
Pipestone	68.06
Polk	26.92
Pope	10.92
Ramsey	98.62
Red Lake	9.74
Redwood	12.86
Renville	23.43
Rice	132.31
Rock	31.68
Roseau	12.12
Scott	60.47
Sherburne	37.76
Sibley	36.53
St. Louis	10.04
Stearns	160.23
Steele	65.12
Stevens	8.18
Swift	25.61
Todd	160.96
Traverse	17.03
Wabasha	15.59
Wadena	11.62
Waseca	38.02
Washington	49.17
Watonwan	215.07
Wilkin	31.47
Winona	25.71
Wright	39.86
Yellow Medicine	29.75

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.





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

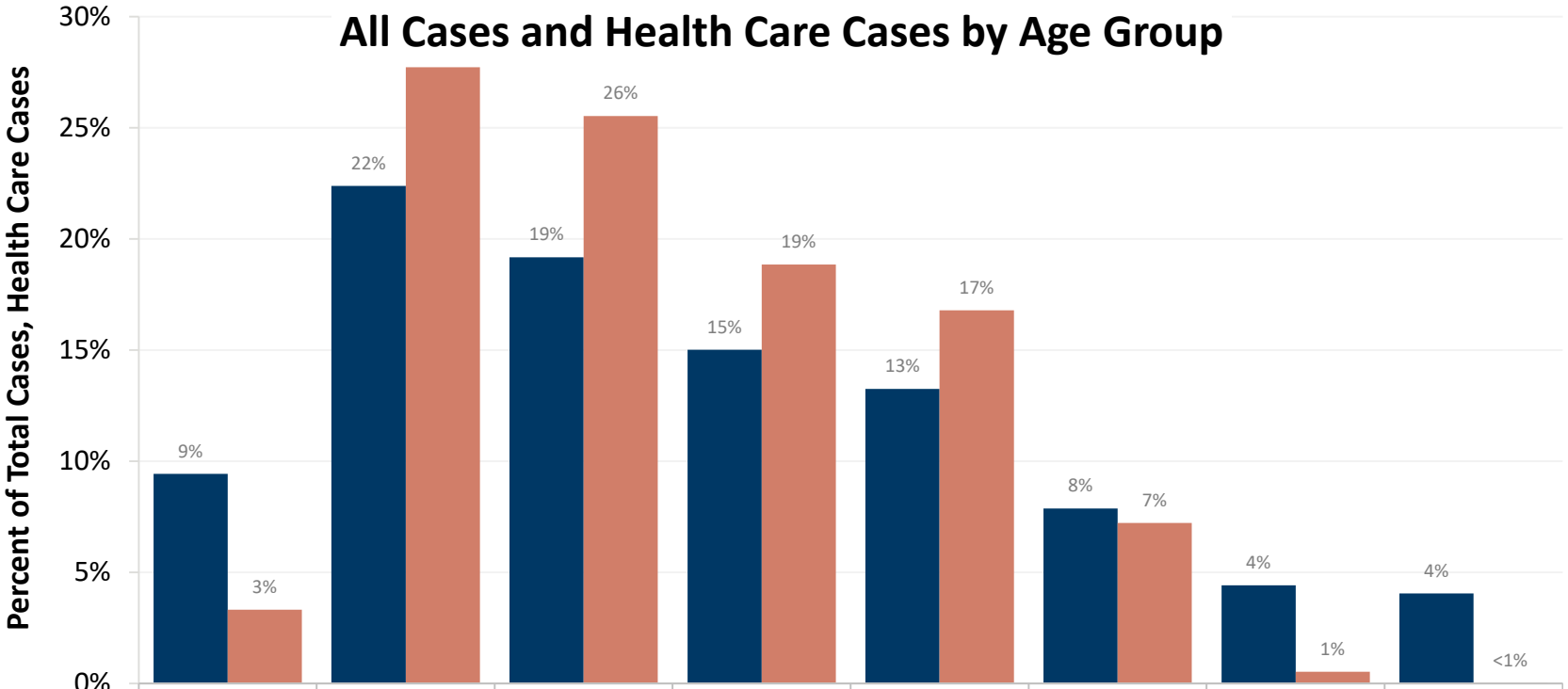
Occupational Related Cases: Health Care

This data is for all cases with an occupation as health care staff. Not all health care workers have a likely exposure as health care staff.

3,906
Total Health Care Workers (cumulative)

2,768
Total Health Care Workers with Likely Exposure as Health Care Staff (cumulative)

225
Total Health Care Staff Hospitalized (cumulative)



	6-19 years	20-29 years	30-39 years	40-49 years	50-59 years	60-69 years	70-79 years	80-89 years
All cases	3,788	8,990	7,702	6,028	5.322	3.162	1.788	1.628
Health Care (staff)	130	1.083	997	736	656	282	21	1

Syndromic Surveillance

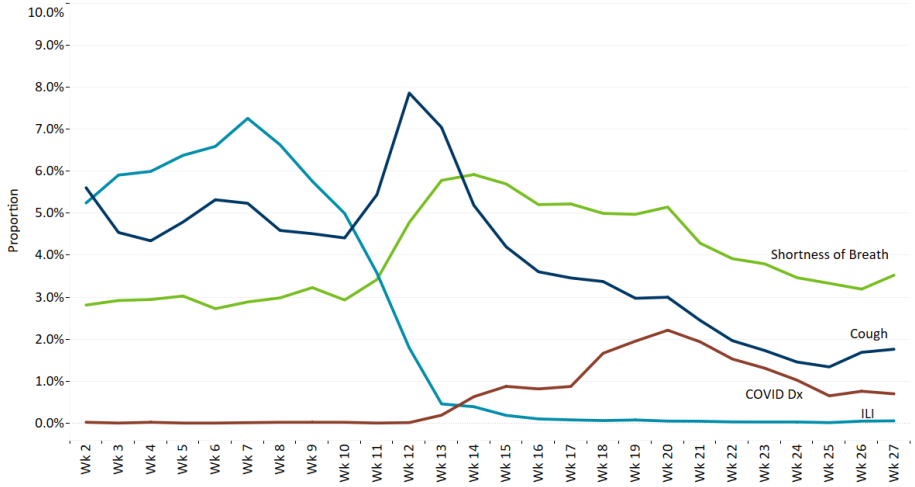
These syndromic surveillance data come from the Encounter Alert Service (EAS), which is utilizing an existing service to support and leverage the development of this activity. These data provide situational awareness to help inform public health decision making, resource allocation, and other actions.

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 July 4, 2020. Categories are based upon discharge diagnosis codes.

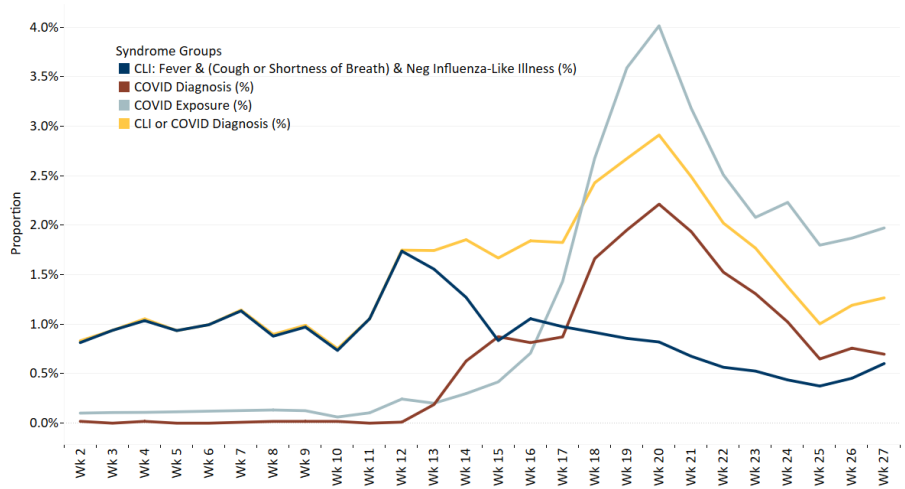
Through July 4, 2020, this data represents all patients from about 97 hospitals in Minnesota, covering approximately 84% of the hospital beds statewide. Efforts are underway to expand hospitals to more fully represent the state.

Proportion of hospital-treated cases for COVID-like symptoms and influenza-like illness (ILI)



NOTES: Data include emergency-department and inpatient hospitalizations for COVID-like and influenza-like illness through July 4, 2020. Categories are based upon discharge diagnosis codes.
Through July 4, 2020, these data represent all patients from about 97 hospitals in Minnesota, covering approximately 84% of the hospital beds statewide. Efforts are underway to expand hospitals and payors to more fully represent the state.

Proportion of hospital-treated cases for COVID, COVID-like illness (CLI), and COVID Exposure



NOTES: Data include emergency-department and inpatient hospitalizations for COVID-like and influenza-like illness through July 4, 2020. Categories are based upon discharge diagnosis codes.
Through July 4, 2020, these data represent all patients from about 97 hospitals in Minnesota, covering approximately 84% of the hospital beds statewide. Efforts are underway to expand hospitals and payors to more fully represent the state.