### STAY SAFE

Minnesota Department of Health

## WEEKLY COVID-19 REPORT 8/13/2020

This MDH Weekly COVID-19 Report presents data in an easy to interpret way and enhances the information provided in the daily <u>Situation Update for COVID-19</u> 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: <u>Outbreaks in Wisconsin (https://www.dhs.wisconsin.gov/outbreaks/index.htm)</u>
  - Iowa: Novel Coronavirus (COVID-19) (https://idph.iowa.gov/Emerging-Health-Issues/Novel-Coronavirus)
  - North Dakota: <u>Coronavirus Cases (https://www.health.nd.gov/diseases-conditions/coronavirus/north-dakota-coronavirus-cases)</u>
  - South Dakota: <u>Novel Coronavirus Updates and Information (https://doh.sd.gov/news/Coronavirus.aspx)</u>

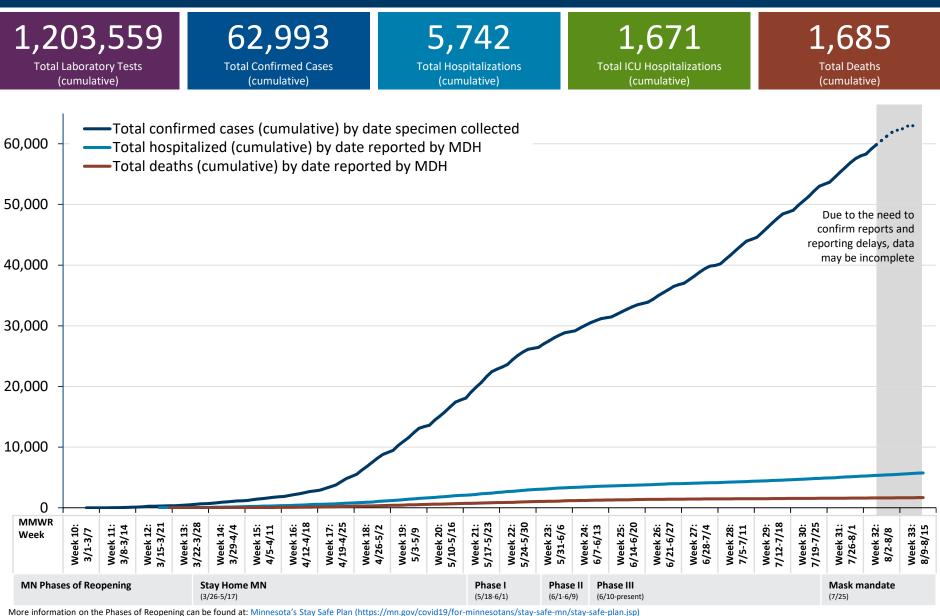
## About Minnesota COVID-19 Data

- 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

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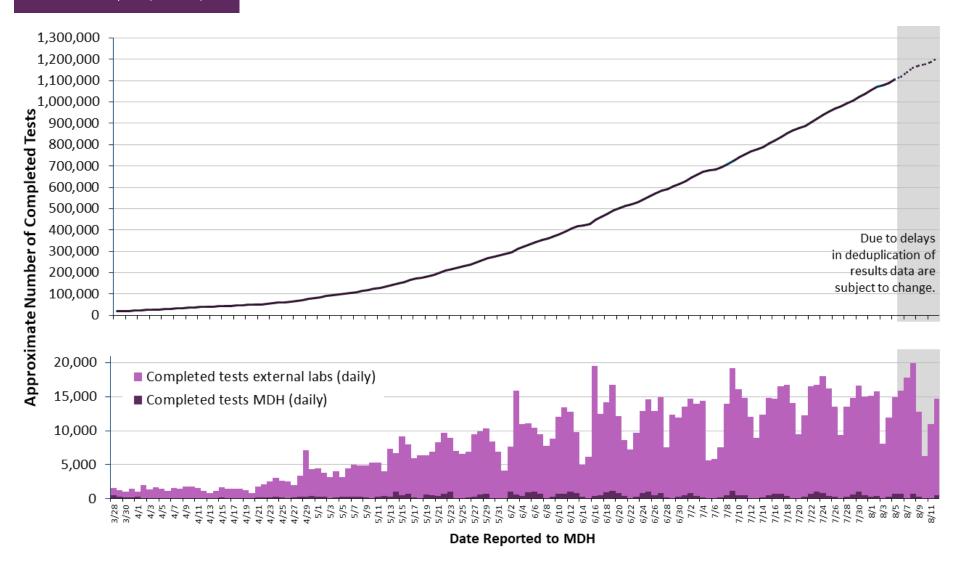
## **COVID-19 Overview Summary**



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

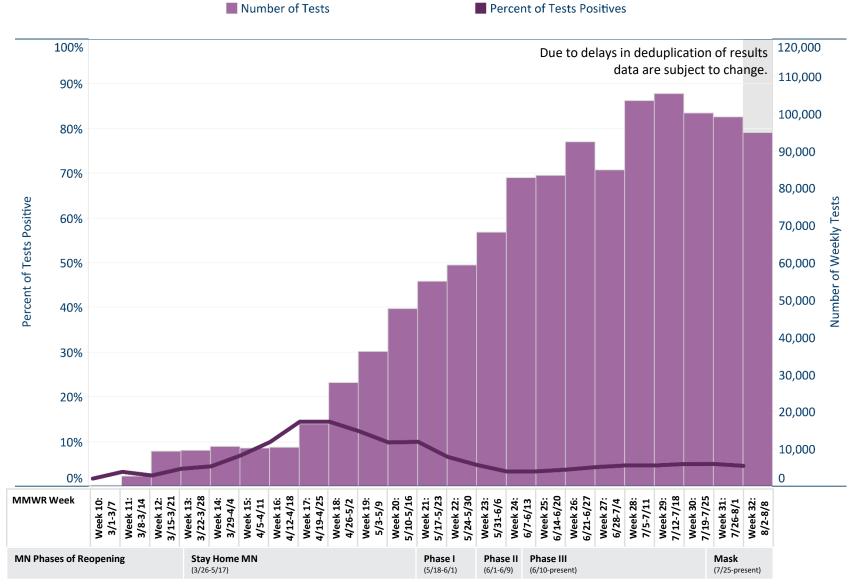
1,203,559



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) Minnesota Department of Health Weekly COVID-19 Report: Updated 8/13/2020 with data current as of 4 p.m. the previous day.

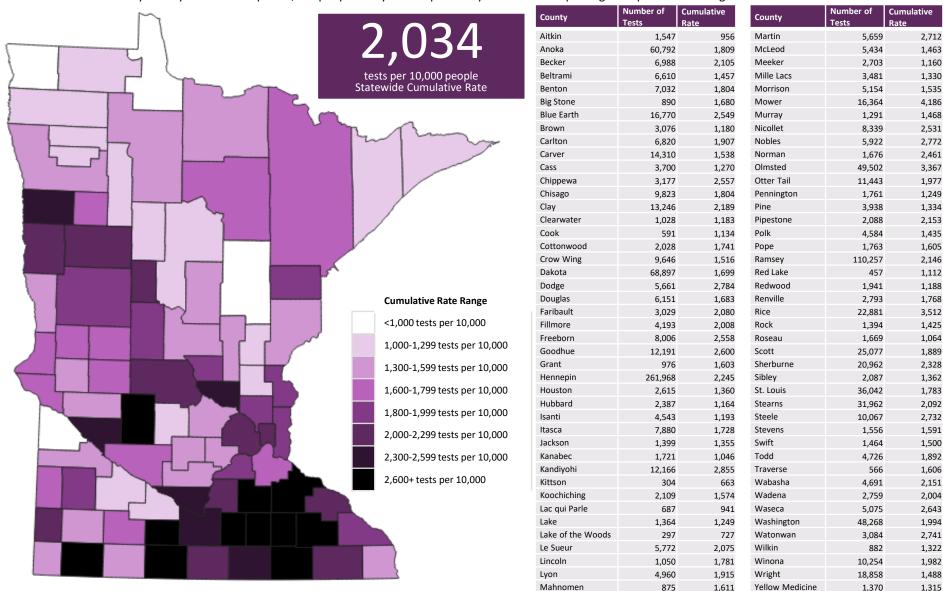
### Number of Tests and Percent Positive by Week

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 by county of residence.



## Laboratory Test Rates by County of Residence

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.



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Marshall

1,146

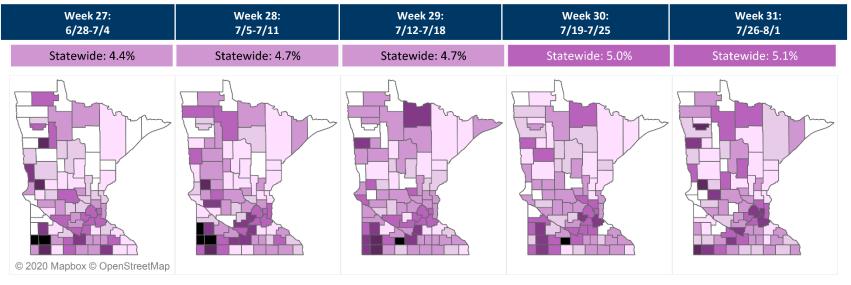
1,212

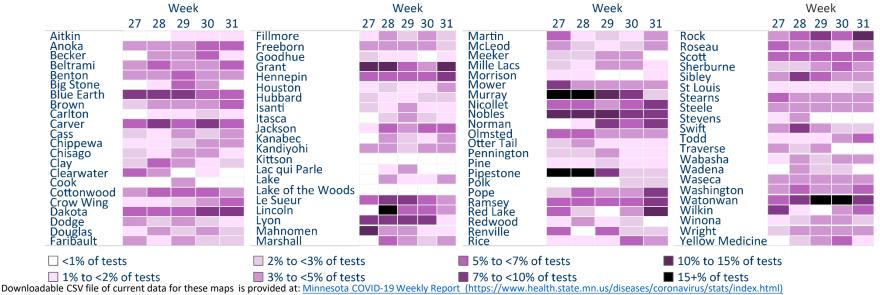
### Cumulative Percent of Tests Positive by County of Residence

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 Number Number positive tests from the total number of tests by county of residence. % % Positive County Positive County Positive Positive Tests Tests 5.6% Aitkin 29 1.9% Martin 246 4.3% Anoka 4,017 6.6% McLeod 191 3.5% Becker Meeker 98 3.6% 152 2.2% Beltram 231 3.5% Mille Lacs 73 2.1% Statewide % Positive Benton 354 5.0% Morrison 103 2.0% (cumulative) **Big Stone** 21 2.4% Mower 1,227 7.5% 1.027 Blue Earth 6.1% Murray 118 9.1% Brown 92 3.0% Nicollet 390 4.7% Carlton 151 2.2% Nobles 1.770 29.9% Carver 973 6.8% Norman 36 2.1% Cass 80 2.2% Olmsted 2,235 4.5% Chippewa 111 3.5% Otter Tail 190 1.7% Chisago 217 2.2% Pennington 60 3.4% Clay 134 3.4% 810 6.1% Pine Clearwater 17 1.7% Pipestone 150 7.2% Cook 6 1.0% Polk 95 2.1% Cottonwood 183 9.0% 49 2.8% Pope Crow Wing 270 8.596 7.8% 2.8% Ramsey Dakota 4.790 7.0% Red Lake 19 4.2% Dodge 155 2.7% Redwood 36 1.9% Range Douglas 145 2.4% Renville 80 2.9% Faribault 112 3.7% Rice 1,121 4.9% <1% of tests Fillmore 89 2.1% Rock 81 5.8% Freeborn 433 5.4% Roseau 56 3.4% 1-1.99% of tests Goodhue 230 1.9% Scott 1,607 6.4% Grant 56 5.7% Sherburne 864 4.1% 2-2.99% of tests 21,293 8.1% Sibley 105 5.0% Hennepin Houston 58 2.2% St. Louis 660 1.8% 3-3.99% of tests Hubbard 33 1.4% Stearns 2.944 9.2% 4-4.99% of tests Isanti 117 2.6% Steele 410 4.1% Itasca 170 2.2% Stevens 21 1.3% 5-7.99% of tests Jackson 96 6.9% Swift 58 4.0% Kanabec 36 2.1% Todd 474 10.0% 8-9.99% of tests Kandiyohi 746 6.1% 10 1.8% Traverse 2 0.7% Wabasha 109 2.3% Kittson 10+% of tests Koochiching 89 4.2% Wadena 31 1.1% Lac qui Parle 10 1.5% Waseca 183 3.6% Lake 27 2.0% Washington 2.254 4.7% Lake of the Woods 3 1.0% Watonwan 386 12.5% Le Sueur 290 5.0% Wilkin 32 3.6% Lincoln 64 6.1% Winona 275 2.7% Wright 4.9% Lyon 425 8.6% 915 Mahnomer 21 62 2.4% Yellow Medicine 4.5% Marshal 25 492 2.2% Unknown/missing 0.5%

## Weekly Percent of Tests Positive by County of Residence

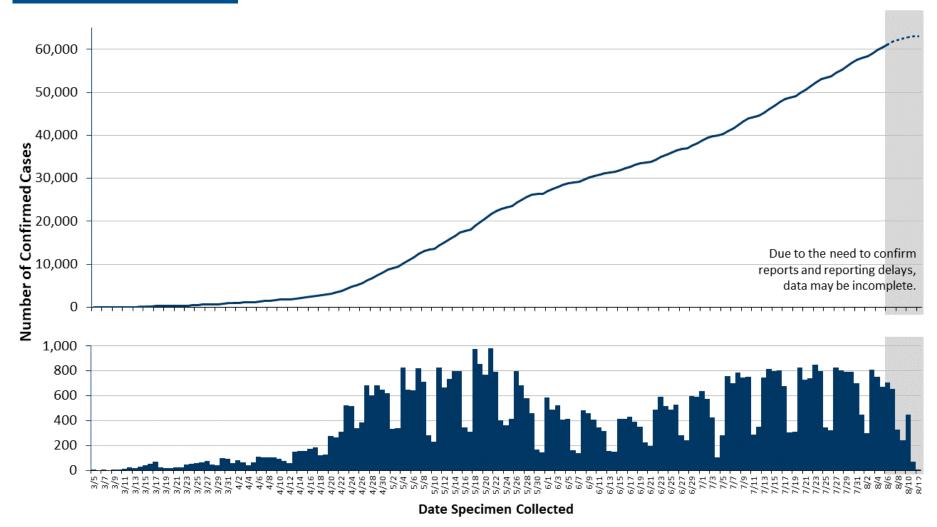
Percent of positive tests by county of residence in Minnesota by week of specimen collection. Only tests reported by laboratories reporting both positive and negative results are included in positivity calculations. Percent positive is the percent of positive tests from the total number of tests by county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





## Laboratory Confirmed Cases



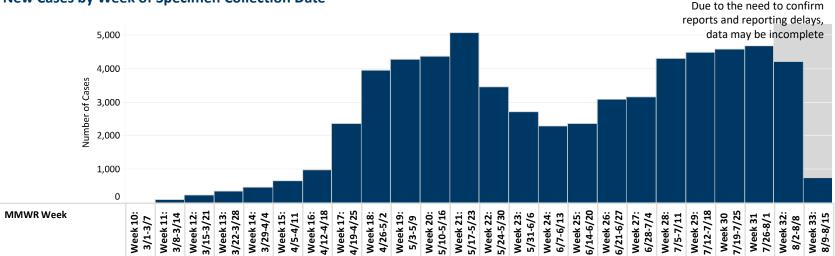


Up to date data for this chart is provided in the Minnesota Situation Update for Coronavirus Disease 2019 (COVID-19) (https://www.health.state.mn.us/diseases/coronavirus/situation.html) Minnesota Department of Health Weekly COVID-19 Report: Updated 8/13/2020 with data current as of 4 p.m. the previous day.

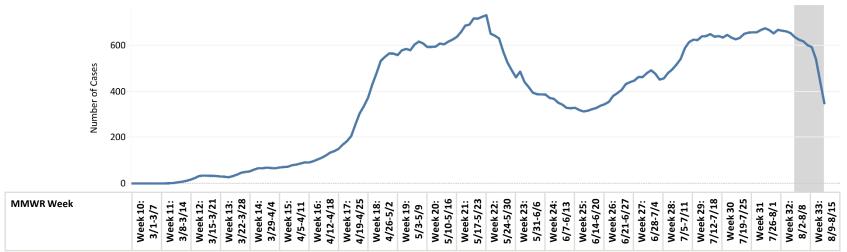
### Confirmed Cases by Week, 7-Day Average

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

#### New Cases by Week of Specimen Collection Date

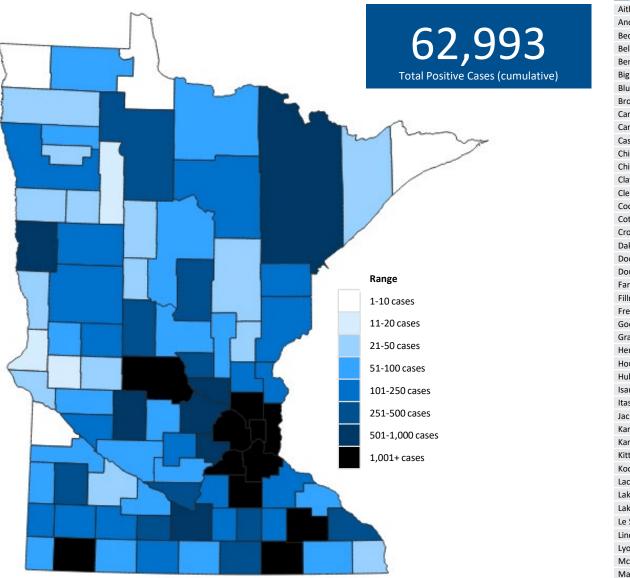


#### Seven Day Moving Average of New Cases



## Confirmed Cases by County of Residence

Cumulative number of laboratory confirmed cases by county of residence.

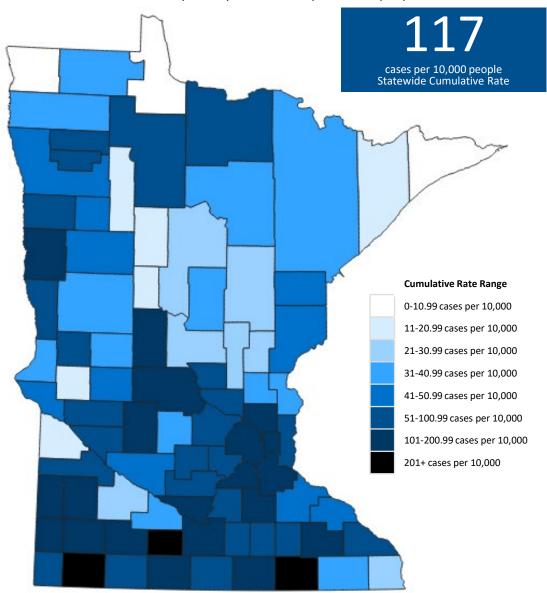


County	Cases	County	Cases
Aitkin	41	Marshall	29
Anoka	3,841	Martin	210
Becker	162	Meeker	87
Beltrami	264	Mille Lacs	73
Benton	325	Morrison	94
Big Stone	25	Mower	1,111
Blue Earth	946	Murray	125
Brown	92	Nicollet	356
Carlton	147	Nobles	1,777
Carver	899	Norman	40
Cass	80	Olmsted	1,791
Chippewa	117	Otter Tail	204
Chisago	209	Pennington	75
Clay	794	Pine	129
Clearwater	14	Pipestone	158
Cook	5	Polk	156
Cottonwood	178	Роре	48
Crow Wing	252	Ramsey	7,827
Dakota	4,610	Red Lake	24
Dodge	131	Redwood	37
Douglas	144	Renville	67
Faribault	92	Rice	1,046
Fillmore	72	Rock	2,010
Freeborn	361	Roseau	53
Goodhue	205	St. Louis	621
Grant	56	Scott	1,634
Hennepin	19,873	Sherburne	753
Houston	45	Sibley	86
Hubbard	36	Stearns	2,928
Isanti	137	Steele	356
Itasca	137	Stevens	18
Jackson	79	Swift	56
Kanabec	37	Todd	430
Kandiyohi	714	Traverse	430
Kittson	3	Wabasha	93
Koochiching	83	Wadena	28
Lac qui Parle	8	Waseca	156
Lake	22	Washington	
Lake of the Woods	4	Watonwan	2,227
Lake of the woods		Wilkin	
	230		35
Lincoln	61	Winona	266
Lyon	426	Wright	918
McLeod	224	Yellow Medicine	53
Mahnomen situation.html)	27	Unknown/missing	135

Up to date data for this chart is provided in the <u>Minnesota Situation Update for Coronavirus Disease 2019 (COVID-19) (https://www.health.state.mn.us/diseases/coronavirus/situation.html)</u> Confirmed cases by USPS zip code of residence is available as a downloadable CSV file at: <u>Minnesota COVID-19 Weekly Report (https://www.health.state.mn.us/diseases/coronavirus/sitats/index.html)</u> Minnesota Department of Health Weekly COVID-19 Report: Updated 8/13/2020 with data current as of 4 p.m. the previous day.

## Cumulative Case Rate by County of Residence

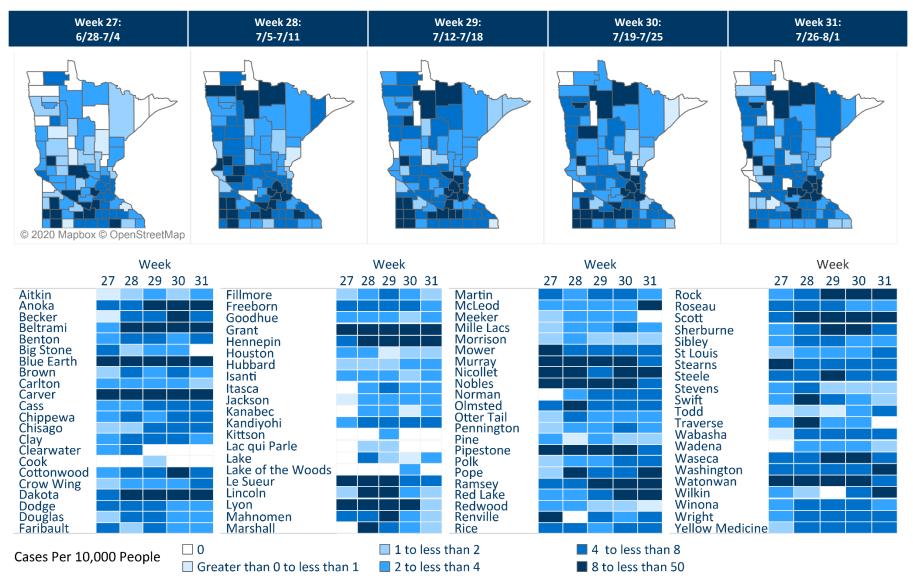
Cumulative number of cases by county of residence per 10,000 people.



County	Cumulative Rate	County	Cumulative Rate
Aitkin	25	Martin	101
Anoka	114	McLeod	60
Becker	49	Meeker	37
Beltrami	58	Mille Lacs	28
Benton	83	Morrison	28
Big Stone	47	Mower	284
Blue Earth	144	Murray	142
Brown	35	Nicollet	108
Carlton	41	Nobles	832
Carver	97	Norman	59
Cass	27	Olmsted	122
Chippewa	94	Otter Tail	35
Chisago	38	Pennington	53
Clay	131	Pine	44
Clearwater	16	Pipestone	163
Cook	10	Polk	49
Cottonwood	153	Роре	44
Crow Wing	40	Ramsey	152
Dakota	114	Red Lake	58
Dodge	64	Redwood	23
Douglas	39	Renville	42
Faribault	63	Rice	161
Fillmore	34	Rock	88
Freeborn	115	Roseau	34
Goodhue	44	Scott	123
Grant	92	Sherburne	84
Hennepin	170	Sibley	56
Houston	23	St. Louis	31
Hubbard	18	Stearns	192
Isanti	36	Steele	97
Itasca	32	Stevens	18
Jackson	77	Swift	57
Kanabec	22	Todd	172
Kandiyohi	168	Traverse	37
Kittson	7	Wabasha	43
Koochiching	62	Wadena	20
Lac qui Parle	11	Waseca	81
Lake	20	Washington	92
Lake of the Woods	10	Watonwan	326
Le Sueur	83	Wilkin	52
Lincoln	103	Winona	51
Lyon	164	Wright	72
Mahnomen	50	Yellow Medicine	51
	50		51

## Weekly Case Rate by County of Residence

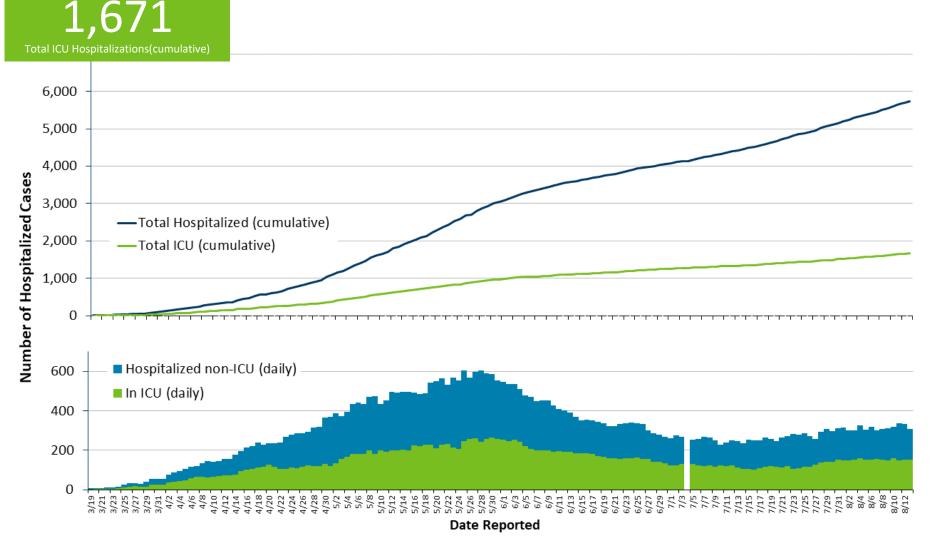
Number of cases by county of residence in Minnesota per 10,000 people by week of specimen collection.



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)

### 5,742 Total Hospitalizations(cumulative)

## Hospitalizations for COVID-19



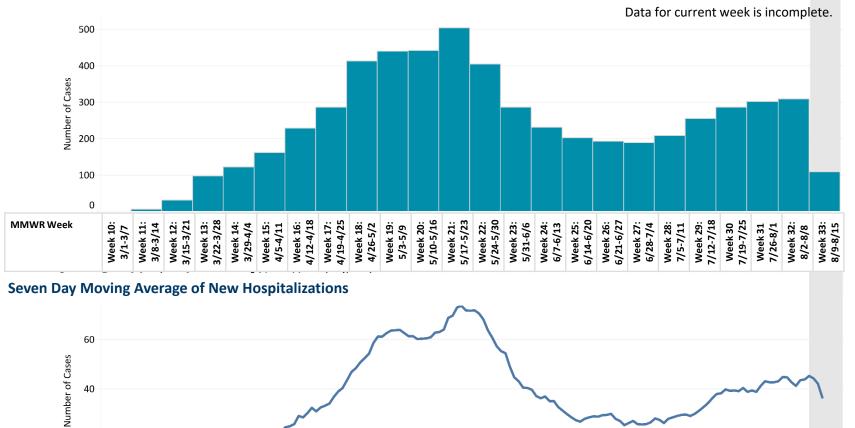
Up to date data for this chart is provided in the Minnesota Situation Update for Coronavirus Disease 2019 (COVID-19) (https://www.health.state.mn.us/diseases/coronavirus/situation.html) Minnesota Department of Health Weekly COVID-19 Report: Updated 8/13/2020 with data current as of 4 p.m. the previous day.

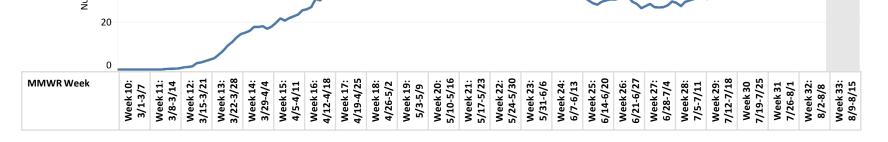
### Hospitalizations by Week, 7-Day Average

Laboratory confirmed cases by week of initial hospitalization, and 7-day moving average of new hospitalizations.

#### New Hospitalizations by Week First Hospital Admission

40

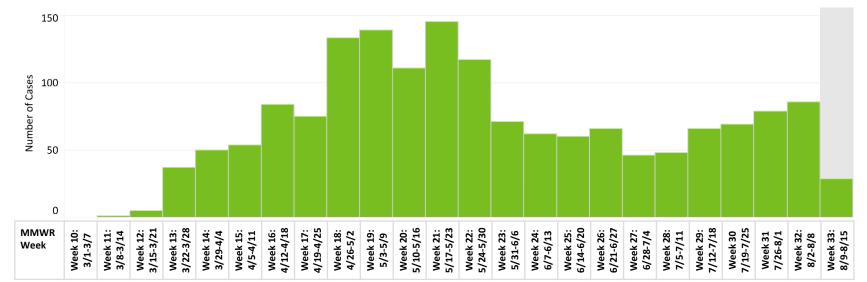




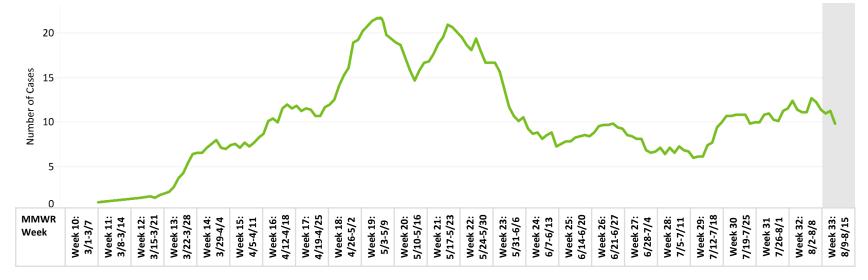
## ICU Hospitalizations by Week, 7-Day Average

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

#### New ICU Hospitalizations by Week First ICU Hospital Admission

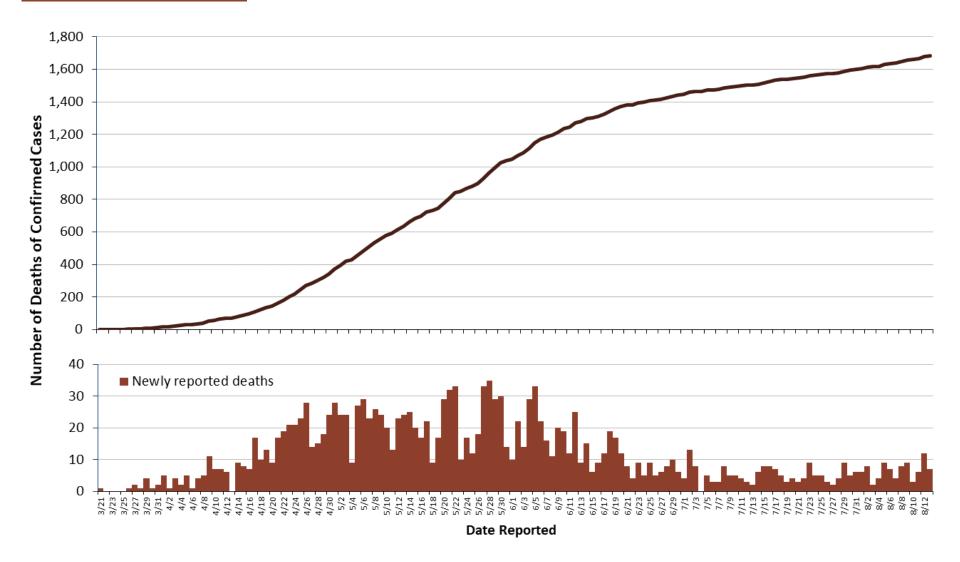


#### Seven Day Moving Average of New ICU Hospitalizations



## **COVID-19** Deaths



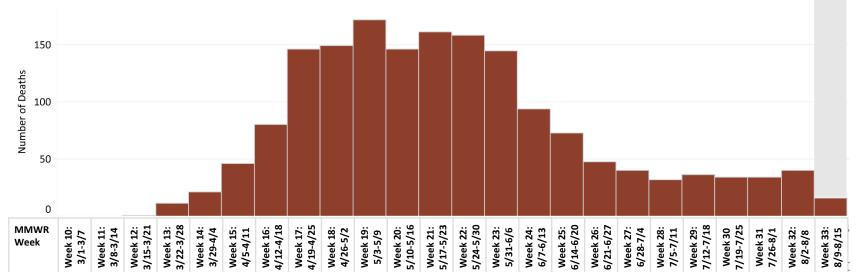


Up to date data for this chart is provided in the Minnesota Situation Update for Coronavirus Disease 2019 (COVID-19) (https://www.health.state.mn.us/diseases/coronavirus/situation.html) Minnesota Department of Health Weekly COVID-19 Report: Updated 8/13/2020 with data current as of 4 p.m. the previous day.

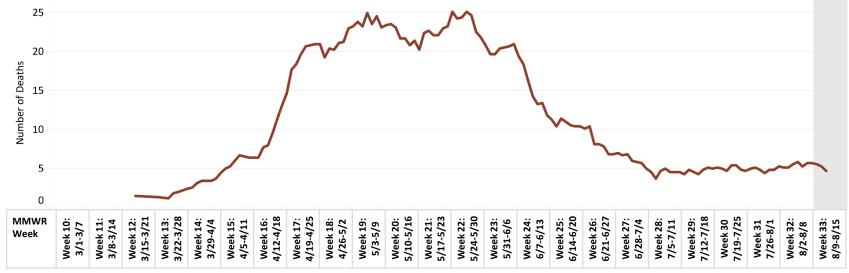
## Deaths by Week, 7-Day Average

Laboratory confirmed cases by week of death, and 7-day moving average of deaths.

#### **Deaths by Week of Death**



#### Seven Day Moving Average of Deaths

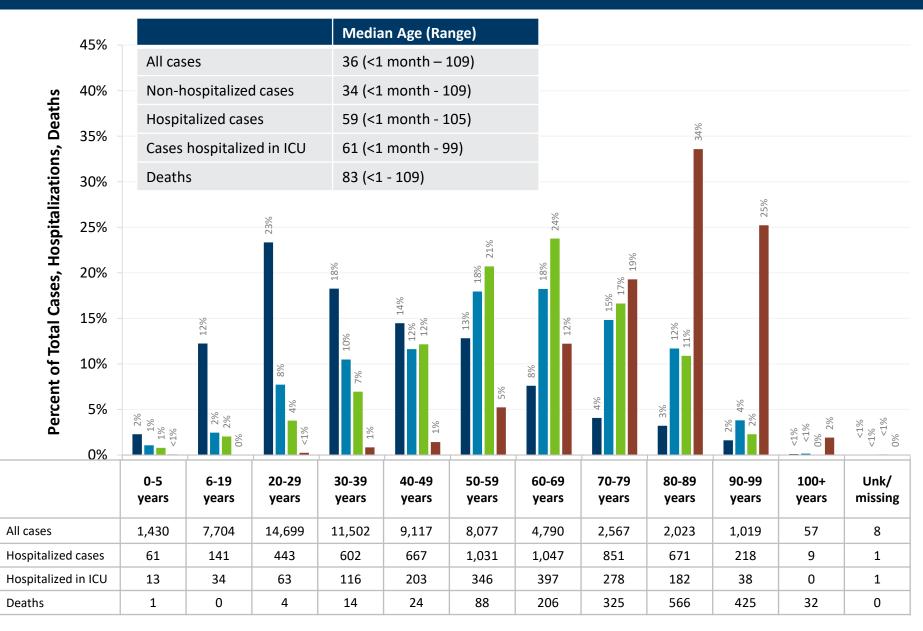


## Deaths by County of Residence

Cumulative number of deaths in laboratory confirmed cases by county of residence.	IS_	County	Deaths
Aitkin	1	Marshall	0
	115	Martin	5
1,685 Anoka Becker Beltrami	115	Meeker	2
	0	Mille Lacs	2
	3	Morrison	3
Total Deaths (cumulative)	3	Mower	1
Big Stone Blue Earth	5	Murray	2
Brown	2	Nicollet	1
	2		13
Carlton		Nobles	/
Carver Cass	3	Norman Olmsted	-
	2	Officer Tail	23
Chippewa			-
Chisago	1	Pennington	1
Clay	40	Pine	0
Clearwater	0	Pipestone Polk	9
	0		4
Cottonwood	0	Pope	0
Crow Wing	14	Ramsey	270
Dakota	106	Red Lake	0
Dodge	0	Redwood	0
Range Douglas	2	Renville	5
Faribault	0	Rice	8
No deaths Fillmore	0	Rock	0
1-2 deaths	1	Roseau	0
Goodnie	9	St. Louis	20
3-5 deaths Grant	3	Scott	22
Hennepin	842	Sherburne	10
6-10 deaths Houston	0	Sibley	2
Hubbard	0	Stearns	20
11-20 deaths Isanti	0	Steele	2
21-50 deaths	12	Stevens	0
Jackson	0	Swift	1
51-100 deaths Kanabec	2	Todd	2
Kandiyohi	1	Traverse	0
101+ deaths Kittson	0	Wabasha	0
Koochiching	3	Wadena	0
Lac qui Parle	0	Waseca	1
Lake	0	Washington	48
Lake of the Woods	0	Watonwan	1
Le Sueur	1	Wilkin	3
Lincoln	0	Winona	16
Lyon Lyon	3	Wright	5
McLeod McLeod	0	Yellow Medicine	0
Mahnomen	1	Unknown/missing	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) Minnesota Department of Health Weekly COVID-19 Report: Updated 8/13/2020 with data current as of 4 p.m. the previous day.

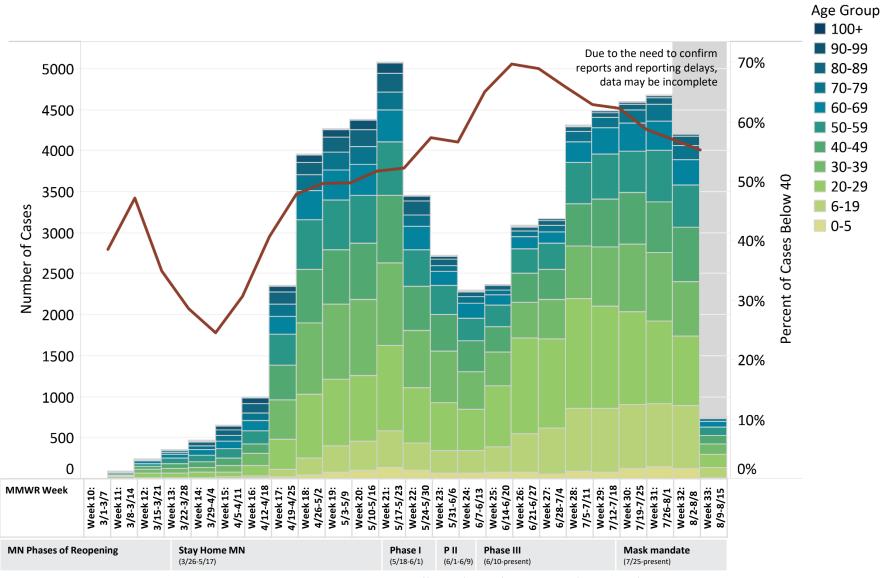
# Demographics: Age



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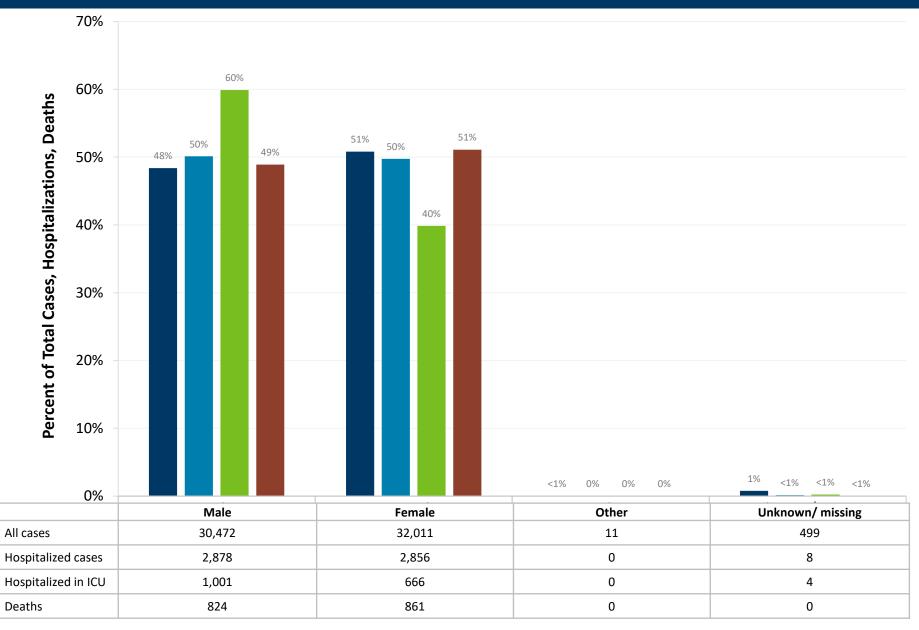
## Demographics: Number of Cases by Age and Date

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



More information on the Phases of Reopening can be found at: <u>Minnesota's Stay Safe Plan (https://mn.gov/covid19/for-minnesotans/stay-safe-mn/stay-safe-plan.jsp)</u> Minnesota Department of Health Weekly COVID-19 Report: Updated 8/13/2020 with data current as of 4 p.m. the previous day.

# Demographics: Gender



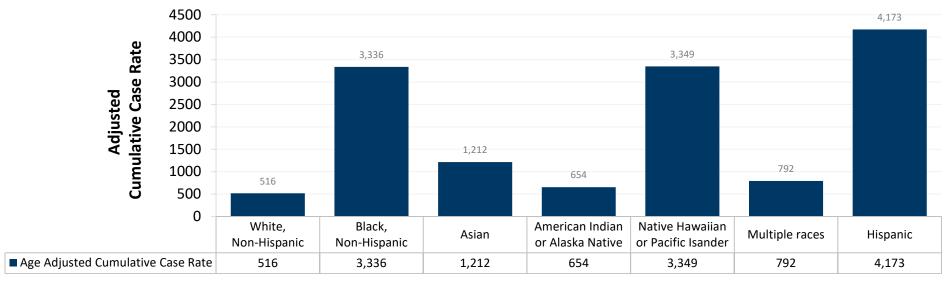
Minnesota Department of Health Weekly COVID-19 Report: Updated 8/13/2020 with data current as of 4 p.m. the previous day.

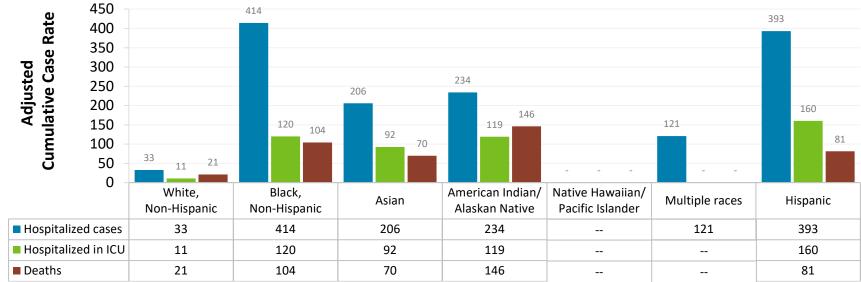
## Demographics: Race and Ethnicity

Percent of Total Cases, Hospitalizations, Deaths	100% 90% 90% 90% 90% 90% 90% 90% 90% 90%	80%		an Indian or A Hawaiian or P e races c	laska Native acific Islander			n (2018) 4,606,044 342,186 262,359 58,982 2,187 157,767 292,764 5,234,594	Percent of Po	pulation 83% 6% 5% 1% <1% 3% 5% 95%	65% 75% 75% 94%	
ss, Hosp	60% - 50% -	47% 48% 46%										
tal Case	40%											
cent of Tot	30% 20%		21% 23% 21%	%				11% % %	13%	19% 15% 17%		16%
Perc	10%		10%	6% 9% 11%	■ 1% ■ 2% ■ 3% 2%	<1% <1% <1% <1%	2% 2% 1%	11 8% 9%	7%	2%		10% 2%
		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		29,333	13,126	3,791	571	126	1,083	6,892	8,071	11,705	40,974	10,314
Hospitalize	d cases	2,754	1,331	499	131	14	112	486	415	885	4,309	548
Hospitalize	d in ICU	774	354	184	56	5	38	148	112	276	1,247	148
Deaths		1,341	165	74	32	3	22	29	19	81	1,578	26

## Race & Ethnicity: Age-Adjusted Rates

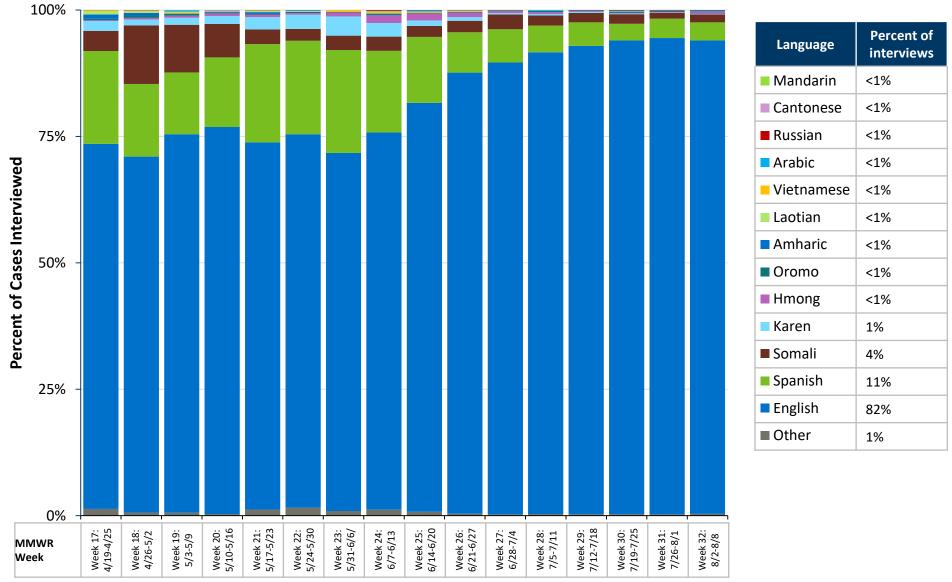
Age-adjusted rates allow us to compare rates for racial and ethnic groups that have very different age distributions in Minnesota; they essentially allow us to look at what the rates would be if the underlying population age distribution was the same for all races. Cumulative case rate is the number 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.





## Demographics: Language

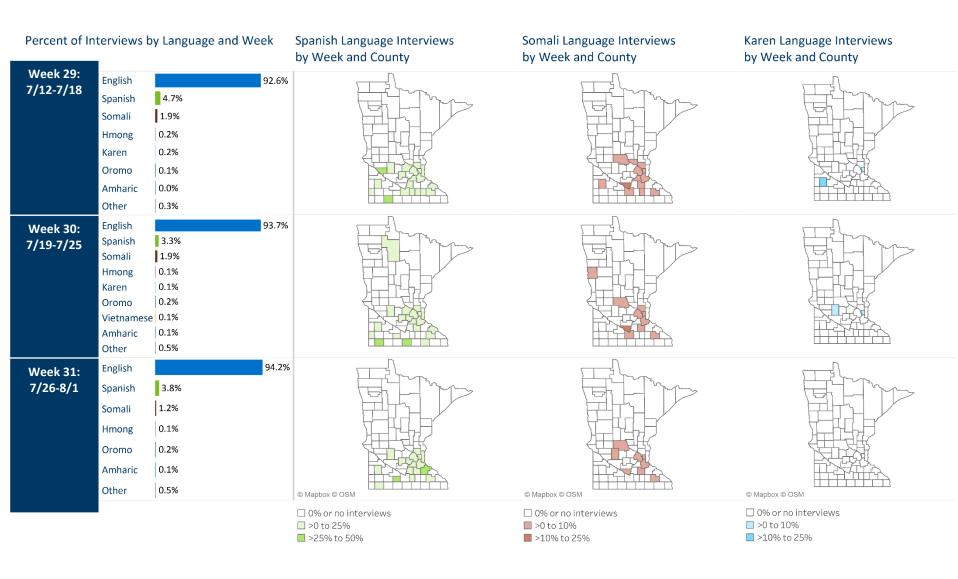
Language needs for cases interviewed by specimen collection date. It is assumed that any interview recorded as not needing an interpreter was conducted in English.



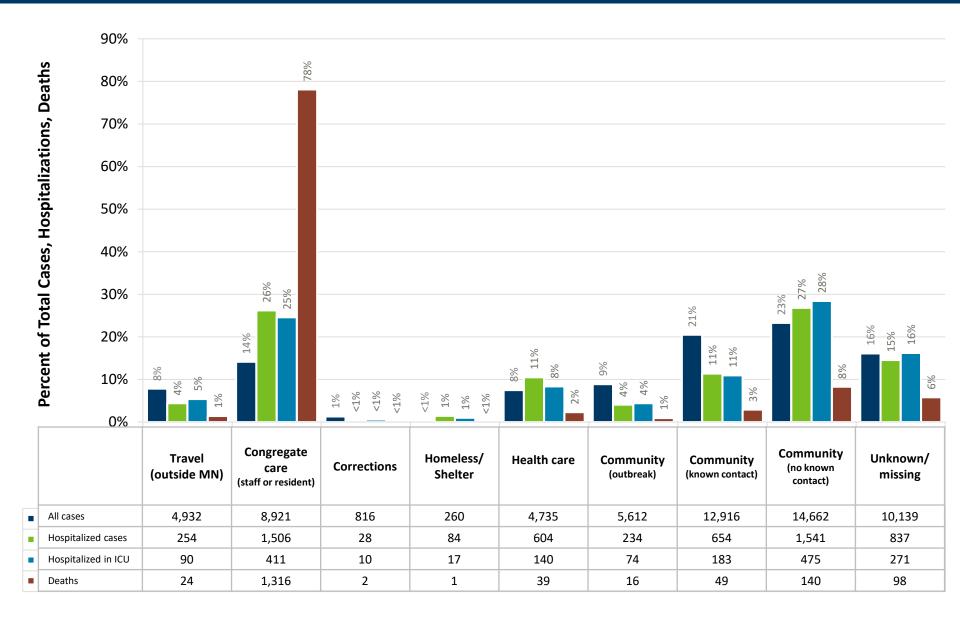
#### **Specimen Collection Date**

## Demographics: Language by County of Residence

Percent of interviews by language and week of specimen collection.

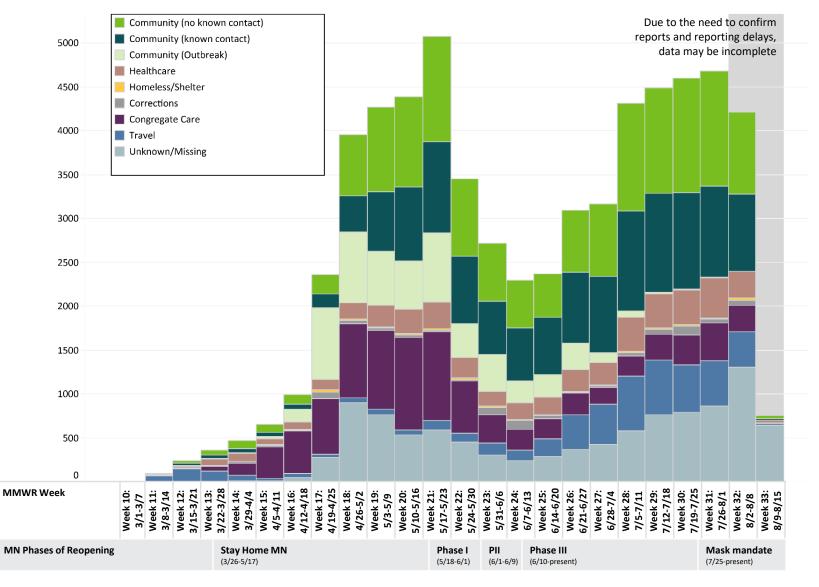


# Likely Exposure

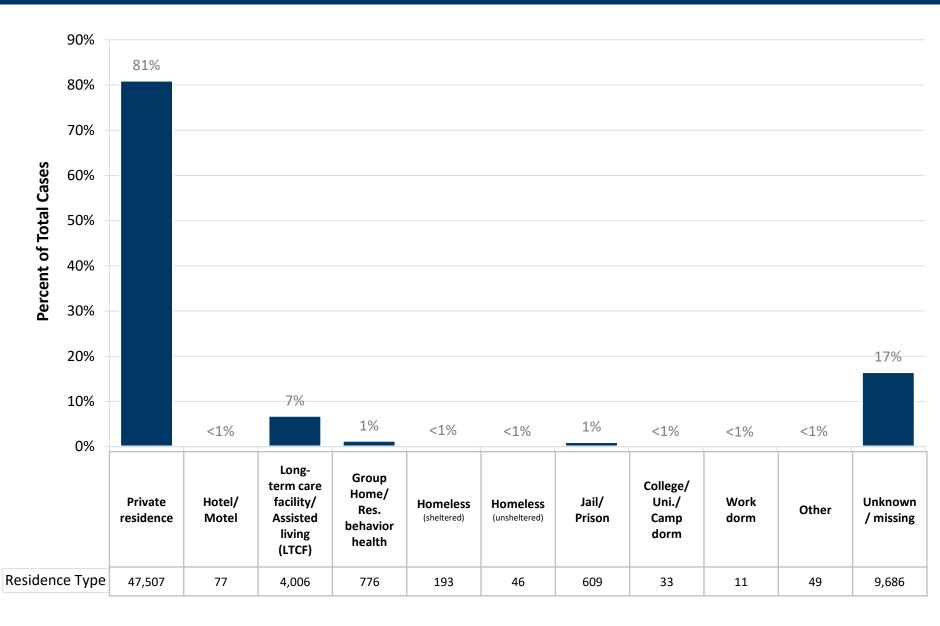


## Cases by Likely Exposure and Specimen Collection Date

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



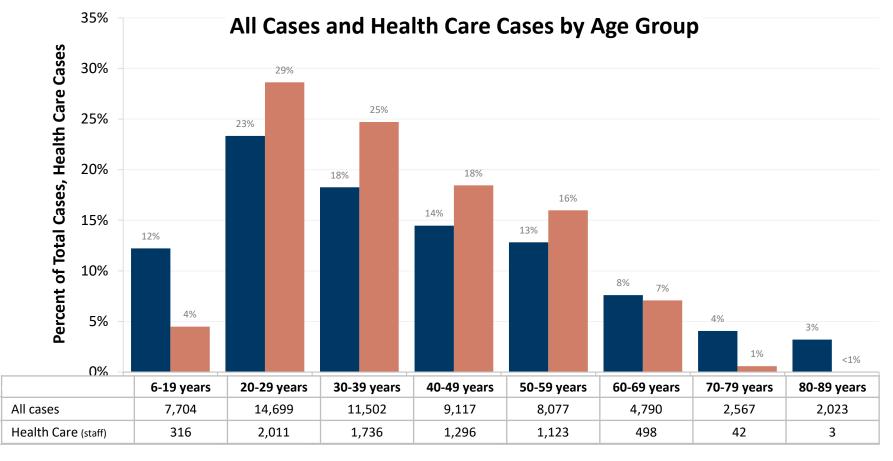
# Residence Type



## **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.

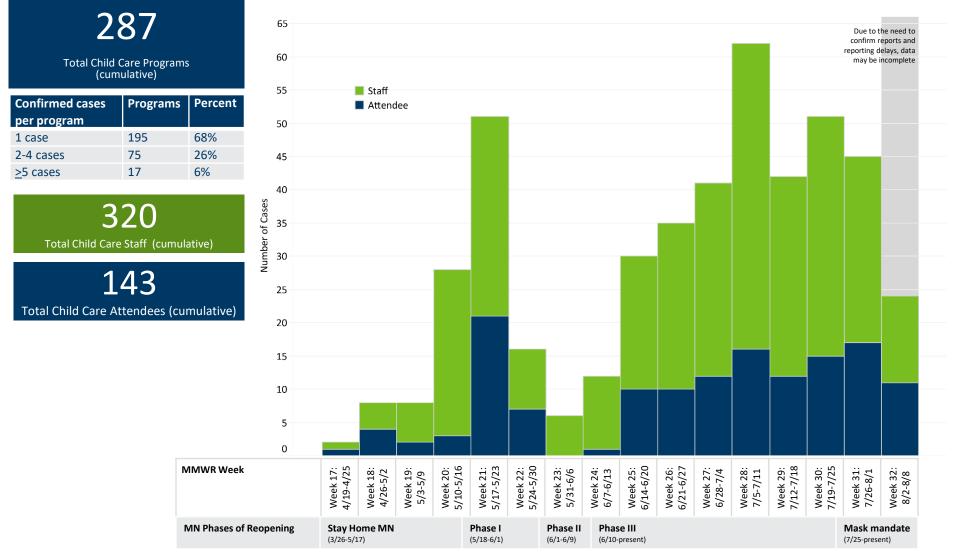




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## Potential Exposure in Child Care Settings

Lab confirmed cases of COVID-19 with potential exposure in child care settings by specimen collection date. Confirmed cases include children and 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.



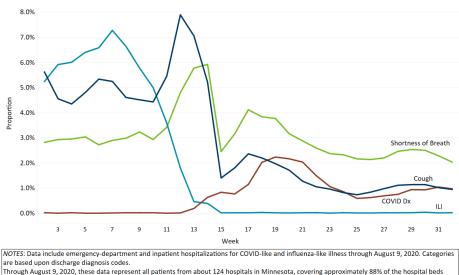
## Syndromic Surveillance

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.

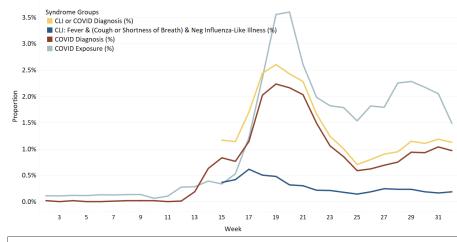
Data include emergency-department and inpatient hospital visits for COVID-like illness through August 9, 2020. Categories are based upon discharge diagnosis codes.

Through August 9, 2020, these data represent all patients from about 124 hospitals in Minnesota, covering approximately 88% of the hospital beds statewide. Efforts are underway to expand hospitals to more fully represent the state.



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 August 9, 2020. Categories are based upon discharge diagnosis codes. Due to a transition in data sources, the CLI condition and CLI or COVID Diagnosis conditions are reported from week 15 forward. Through August 9, 2020, these data represent all patients from about 124 hospitals in Minnesota, covering approximately 88% of the hospital beds statewide. Efforts are underway to expand hospitals and payors to more fully represent the state.