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Cumulative Michigan COVID-19 Data

Michigan COVID-19 State Data

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6-19-2020

## 2020-06-19\_MichiganOverview\_COVIDstats

Michigan Department of Health & Human Services

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# Michigan Data

## DATA ABOUT PLACES

### LONG TERM CARE FACILITIES

### CORONAVIRUS SYMPTOMS

### CUMULATIVE RECOVERED



CURRENT STATUS	DAILY CASES	CUMULATIVE TRENDS	DEMOGRAPHICS	TOTAL TESTING	DIAGNOSTIC TESTING	LEARN MORE
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View Cases

View Deaths

View Table

Select Preparedness Region:

All

Select County:

All

This report is provisional and subject to change. City of Detroit and Wayne County are reported separately. MDHHS began tracking probable cases April 5, 2020. FCI indicates Michigan Department of Corrections. Diagnostic tests, including nucleic acid amplification/real-time polymerase chain reaction (NAAT/RT-PCR) and rapid virus antigen detection point of care (POC) tests, look for current infection. Serology (antibody) tests are used to look for the possibility of previous infection.

Source: Michigan Disease Surveillance System (MDSS) and Vital Records.

COVID-19 Cases by County

Confirmed cases include individuals with a positive diagnostic test for COVID-19. Probable cases include individuals with COVID-19 symptoms and an epidemiologic link to confirmed COVID-19, but no diagnostic test.

Cases by County

● 0

● 1-8

● 9-80

● 81-983

● 984-11784

● 11785+

Michigan

Friday, June 19, 2020

Michigan (Statewide) Case Fatality Rate

9.6%

Current Totals

Case Status	Cases	Deaths
Confirmed	60,829	5,823
Probable	6,268	244
Total	67,097	6,067

Laboratory Testing

Test Type	Tests Performed
Diagnostic	896,382
Serology	137,858
Total	1,034,240

Microsoft Power BI

< 1 of 7 >

Q

X

Cases by Hispanic/Latino Ethnicity

Hispanic/Latino Ethnicity	Percentage of Overall Cases by Ethnicity	Percentage of Deceased Cases by Ethnicity
Hispanic/Latino	8%	2%
Non-Hispanic Latino	65%	83%
Unknown	27%	15%

Totals may not add to 100% due to rounding

**Cases by Arab Ethnicity**

<b>Arab Ethnicity</b>	<b>Percentage of Overall Cases by Ethnicity</b>	<b>Percentage of Deceased Cases by Ethnicity</b>
Arab	2%	1%
Non-Arab	40%	42%
Unknown	58%	56%

***Totals may not add to 100% due to rounding***

**PUBLIC USE DATASETS 6/19/2020**

(Downloadable .xlsx files)

**Cases and Deaths by County**

**Cases by County by Date**

**Cases by Demographics Statewide**

**COVID-19 Tests by County**

**Diagnostic Tests by Result and County**



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Confirmed Cases

Deaths

View Table

Select Preparedness Region:

All

Select County:

All

Cases are shown by onset date or by lab specimen collection date if onset date was unavailable. Deaths are shown by date of death or date of last status update if date of death was unavailable. Tracking of probable cases and deaths did not begin until April 5, 2020, therefore only probable cases referred for investigation on or after April 5, 2020 are displayed (onset may have been prior).

Notes: FCI indicates federal correctional institute. MDOC indicates Michigan Department of Corrections.

## Daily Cases by Status

The number of daily confirmed cases represent the total number of people who had a positive diagnostic test for COVID-19 by the date of the onset of their symptoms.

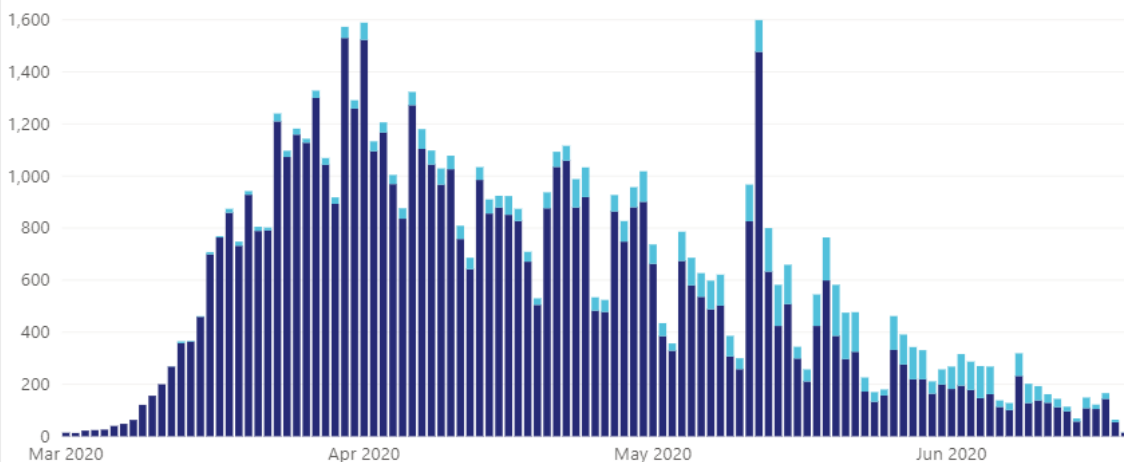
Filter by Date:

3/1/2020

6/19/2020

### Cases by Date of Onset

Case Status ● Confirmed ● Probable



View Table

View Chart

Select Preparedness Region:

All

Select County:

All

Cases are shown by onset date or by lab specimen collection date if onset date was unavailable. Deaths are shown by date of death or date of last status update if date of death was unavailable. Tracking of probable cases and deaths did not begin until April 5, 2020, therefore these data are not displayed by date.

Notes: FCI indicates federal correctional institute. MDOC indicates Michigan Department of Corrections.

## Cumulative Confirmed Cases and Deaths among Confirmed Cases

Cumulative cases represent the total number of people who had a positive diagnostic test for COVID-19. Cases are shown by the date of onset of symptoms. Cumulative Deaths represent the total number of people who had a confirmed COVID-19 infection and are classified as deceased by the case investigation, have COVID-19 indicated as a cause of death on their death certificate, or who die within 30 days of infection and their manner of death is listed as natural. Deaths are shown by date of death.

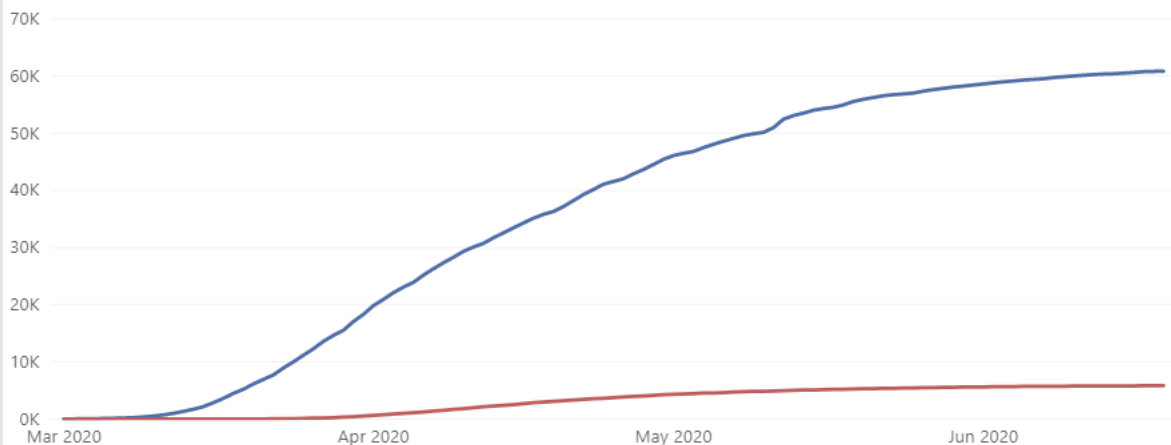
Filter By Date:

3/1/2020

6/19/2020

### Cumulative Confirmed Cases and Deaths among Confirmed Cases by Date

● Confirmed Cases ● Deaths



## Cases by Demographic Characteristics

Data are suppressed when the number of cases is five or below to protect the confidentiality of individuals. The sum of the cases for individual categories may be fewer than the total number of cases due to data suppression. Rates are not calculated for multiple races, other, and unknown race categories due to the unavailability of an appropriate denominator.

Cases

Deaths

Select case status:

- ☒ Confirmed  
☐ Probable

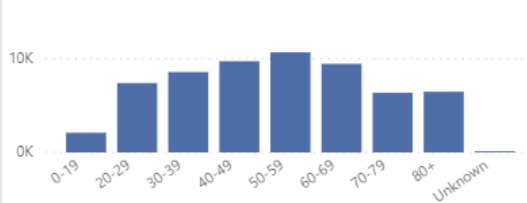
Select Preparedness Region:

All

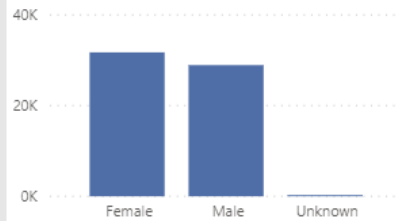
Select county:

All

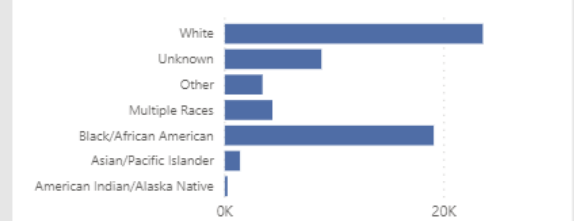
### Cases by Age Group



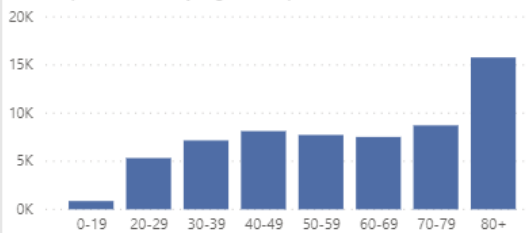
### Cases by Sex



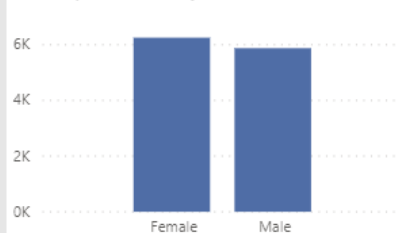
### Cases by Race



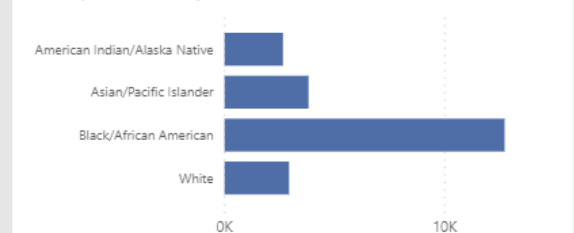
### Cases per Million by Age Group



### Cases per Million by Sex



### Cases per Million by Race



## Cases by Demographic Characteristics

Data are suppressed when the number of cases is five or below to protect the confidentiality of individuals. The sum of the cases for individual categories may be fewer than the total number of cases due to data suppression. Rates are not calculated for multiple races, other, and unknown race categories due to the unavailability of an appropriate denominator.

Cases

Deaths

Select case status:

- ☐ Confirmed  
☒ Probable

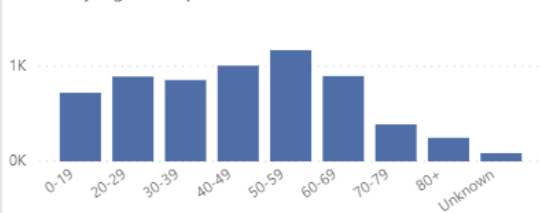
Select Preparedness Region:

All

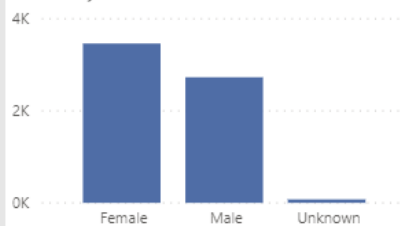
Select county:

All

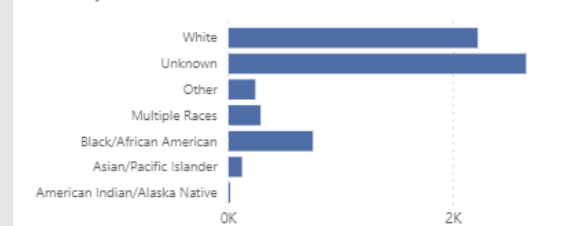
### Cases by Age Group



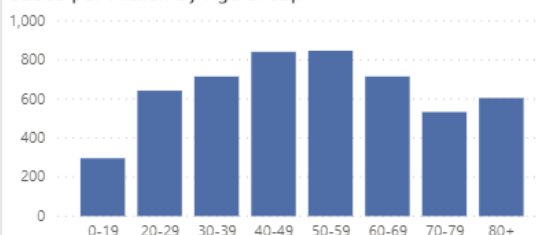
### Cases by Sex



### Cases by Race



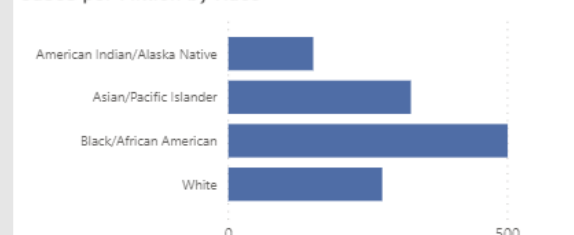
### Cases per Million by Age Group



### Cases per Million by Sex



### Cases per Million by Race



Deaths by Demographic Characteristics

Data are suppressed when the number of deaths is five or below to protect the confidentiality of individuals. The sum of the deaths for individual categories may be fewer than the total number of deaths due to data suppression. Rates are not calculated for multiple races, other, and unknown race categories due to the unavailability of an appropriate denominator.

Cases

Deaths

Select case status:

Confirmed

Probable

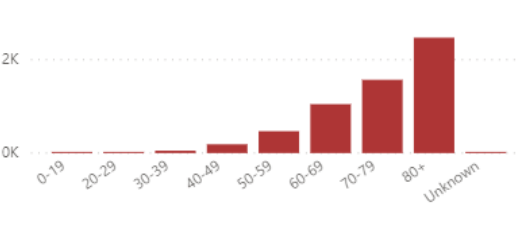
Select Preparedness Region:

All

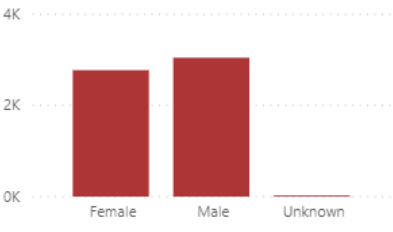
Select county:

All

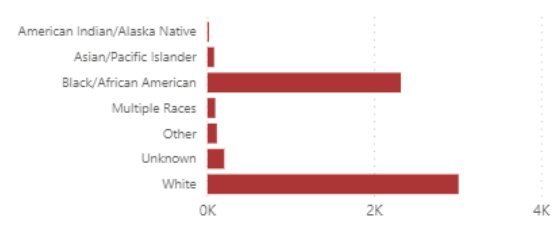
Deaths by Age Group



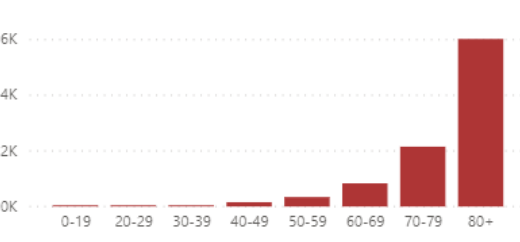
Deaths by Sex



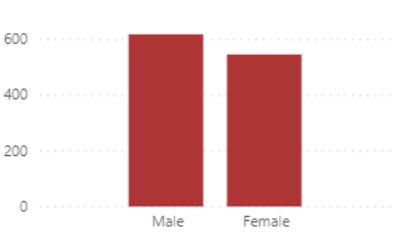
Deaths by Race



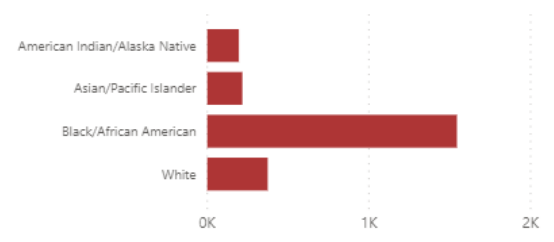
Deaths per Million by Age Group



Deaths per Million by Sex



Deaths per Million by Race



Deaths by Demographic Characteristics

Data are suppressed when the number of deaths is five or below to protect the confidentiality of individuals. The sum of the deaths for individual categories may be fewer than the total number of deaths due to data suppression. Rates are not calculated for multiple races, other, and unknown race categories due to the unavailability of an appropriate denominator.

Cases

Deaths

Select case status:

Confirmed

Probable

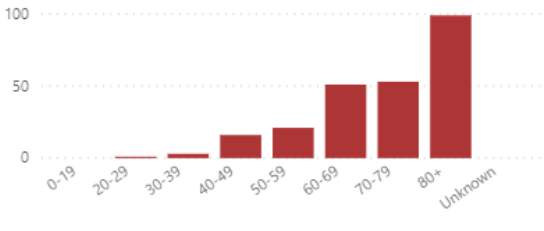
Select Preparedness Region:

All

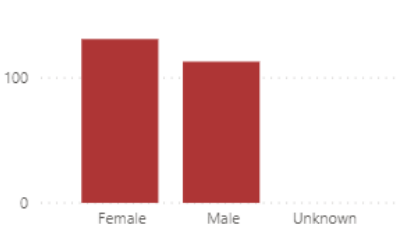
Select county:

All

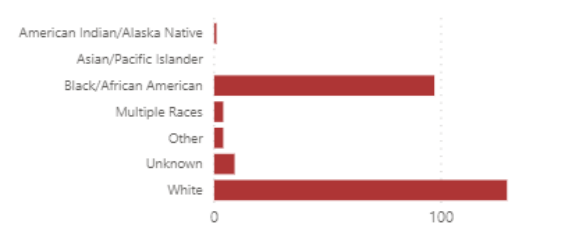
Deaths by Age Group



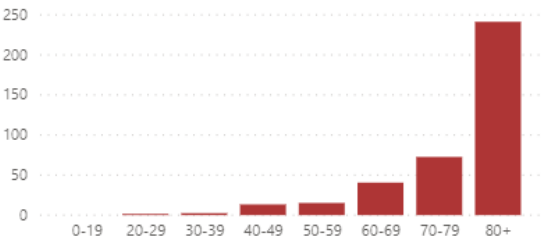
Deaths by Sex



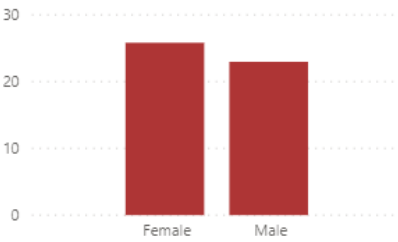
Deaths by Race



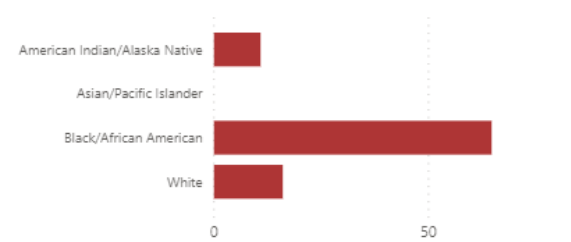
Deaths per Million by Age Group



Deaths per Million by Sex



Deaths per Million by Race



View Table

View Charts

Select Preparedness Region:

All

Select County:

All

Diagnostic tests are used to find current infection and look for genes or proteins from the severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2), the virus that causes COVID-19. These tests, which are performed as nasal swabs, include: Nucleic acid amplification test/real-time polymerase chain reaction (NAAT/RT-PCR) test and rapid virus antigen detection point of care (POC) tests.

Serology tests are used to look for the possibility of previous infection. Serology tests look for antibodies to SARS-CoV-2 in the blood. There are currently two types of serology tests: the enzyme-linked immunosorbent assay (ELISA) test and the rapid antibody detection POC test. Serology tests do not diagnose disease and do not guarantee immunity, but might provide information about previous infection.

## Total Covid-19 Laboratory Tests

Total testing includes both diagnostic tests which are used to determine if an individual currently has COVID-19 and serology testing which is used to determine if a person has antibodies to Covid-19.

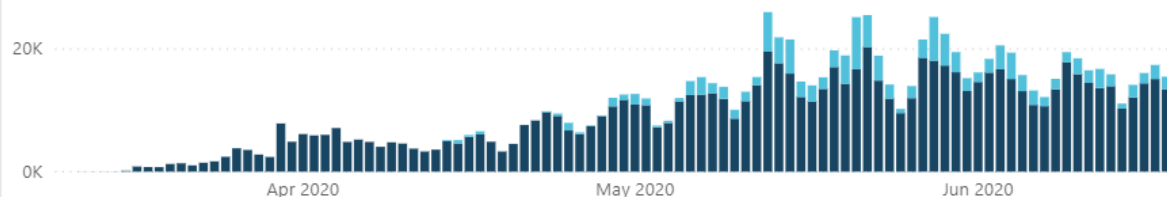
Filter by Date:

3/10/2020

6/18/2020

### Total Laboratory Tests by Type and Date

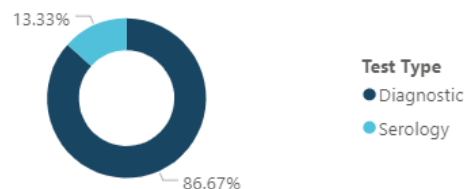
Test Type ● Diagnostic ● Serology



### Total Tests Completed to Date

Test Type	Count	Tests per Million Residents
Diagnostic	896,382	89,677
Serology	137,858	13,792
Total	1,034,240	103,469

### Percent of Tests Completed by Type



View Table

View Charts

Select Preparedness Region:

All

Select County:

All

## Diagnostic Covid-19 Laboratory Tests

Diagnostic tests are used to determine if an individual is currently infected with Covid-19.

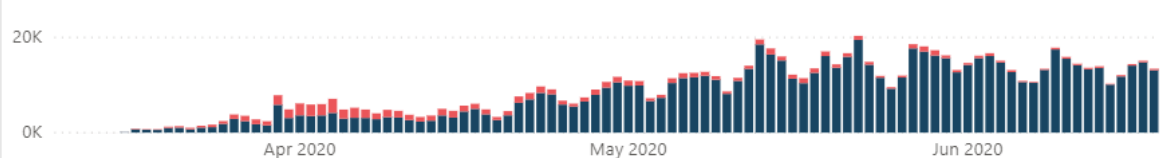
Filter by Date:

3/10/2020

6/18/2020

### Total Laboratory Tests by Type and Date

Test Type ● Negative ● Positive



### Percent of Diagnostic Tests That Were Positive



Diagnostic tests are used to find current infection and look for genes or proteins from the severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2), the virus that causes COVID-19. These tests, which are performed as nasal swabs, include: Nucleic acid amplification test/real-time polymerase chain reaction (NAAT/RT-PCR) test and rapid virus antigen detection point of care (POC) tests. Diagnostic tests do not include serology tests which look for antibodies to SARS-CoV-2 in the blood.



CURRENT STATUS	DAILY CASES	CUMULATIVE TRENDS	DEMOGRAPHICS	TOTAL TESTING	DIAGNOSTIC TESTING	LEARN MORE
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#### Where does the data come from?

The State of Michigan COVID-19 Dashboard displays the most recent provisional data reported to the Michigan Department of Health and Humans Services (MDHHS) about cases in Michigan by selected demographics and county of residence (City of Detroit and Wayne County are reported separately). Data are reported to MDHHS via the [Michigan Disease Surveillance System \(MDSS\)](#). Provisional Death data are provided by the MDHHS Division for [Vital Records & Health Statistics](#).

#### How does MDHHS classify confirmed and probable cases?

Confirmed cases only include individuals who have had a positive diagnostic laboratory test for COVID-19. Probable cases include individuals who have symptoms consistent with COVID-19 and an epidemiologic link to a confirmed case or a positive serology (antibody) test, but do not have a positive diagnostic laboratory test for COVID-19 and individuals with a positive serology (antibody) test for COVID-19 and an epidemiologic link to a confirmed case.

#### How does MDHHS classify confirmed and probable deaths?

Confirmed deaths include individuals who meet one or more of the following conditions: 1) Have been identified as a confirmed case and classified as deceased as a result of a case investigation in the Michigan Disease Surveillance System (MDSS). MDSS is the database used by state and local health department to monitor reportable diseases like COVID-19; 2) have been identified as a confirmed case in MDSS had have a death certificate with COVID-19 listed as a cause of death; 3) have been identified as a confirmed case in MDSS and die within 30 days of onset of COVID-19 infection and have a death certificate which classifies their manner death as 'natural'. Probable deaths include individuals who have COVID indicated as a cause of death on their death certificate but have not had a positive diagnostic laboratory test.

#### Why do the number of probable cases fluctuate?

The number of probable cases can change daily based on the investigation efforts of the health department. When a probable case is first reported, local and/or state health department staff investigate to determine if the person meets the case definition of probable. As additional information is gathered, the case could be re-classified to confirmed, remain as probable, or be determined as not a case.

#### Why do data in the demographics tab not sum to the total number of cases for a county or region?

Data are not shown whenever the number of cases for a particular demographic category is fewer than six to protect the confidentiality of individuals. Rates are not calculated for other, multiple, and unknown race because an appropriate population denominator is not available for these categories at the county level.

#### Where can I get more information about COVID-19?

Visit <https://www.michigan.gov/coronavirus> to find information on resources and assistance, answers to frequently asked questions, and the latest updates on Michigan's response to COVID-19. For COVID-19 updates from CDC visit <https://www.cdc.gov/coronavirus/2019-ncov>.

# Cumulative Total of Recovered COVID-19 Cases

**Cumulative Total of Recovered COVID-19 Cases (as of 6/12/2020): 44,964**

**Note on recovery:** During this response, MDHHS is reviewing vital records statistics to identify any laboratory confirmed COVID-19 cases who are 30 days out from their onset of illness to represent recovery status. As the pandemic continues to impact Michigan, this pool will expand to include more cases. Recovered is defined as the number of persons with a confirmed COVID-19 diagnosis who are alive 30 days post-onset (or referral date if onset is not available). The number of persons recovered on June 12, 2020 represents COVID-19 confirmed individuals with an onset date on or prior to May 13, 2020. If an individual dies from a COVID-related cause >30 days from onset/referral, they are removed from the number of persons recovered. These numbers will be updated every Saturday.

**Source:** Michigan Disease Surveillance System and Vital Records

# **CASES AND DEATHS BY COUNTY 2020-06-19**

Updated	COUNTY	ConfirmedCases	ConfirmedDeaths	ProbableCases	ProbableDeaths
2020/06/19 13:41:07	Alcona	18	1	3	0
2020/06/19 13:41:07	Alger	2	0		
2020/06/19 13:41:07	Allegan	250	6	42	0
2020/06/19 13:41:07	Alpena	104	11	11	0
2020/06/19 13:41:07	Antrim	13	0	1	0
2020/06/19 13:41:07	Arenac	34	1	4	0
2020/06/19 13:41:07	Baraga	1	0		
2020/06/19 13:41:07	Barry	73	2	21	0
2020/06/19 13:41:07	Bay	340	28	39	1
2020/06/19 13:41:07	Benzie	5	0		
2020/06/19 13:41:07	Berrien	689	60	159	0
2020/06/19 13:41:07	Branch	233	2	14	0
2020/06/19 13:41:07	Calhoun	449	29	54	1
2020/06/19 13:41:07	Cass	106	4	13	0
2020/06/19 13:41:07	Charlevoix	17	2	5	0
2020/06/19 13:41:07	Cheboygan	21	2	5	0
2020/06/19 13:41:07	Chippewa	2	0	1	0
2020/06/19 13:41:07	Clare	25	2	1	0
2020/06/19 13:41:07	Clinton	150	11	45	0
2020/06/19 13:41:07	Crawford	62	5	4	0
2020/06/19 13:41:07	Delta	18	2	3	0
2020/06/19 13:41:07	Dickinson	6	2	1	0
2020/06/19 13:41:07	Eaton	201	7	64	0
2020/06/19 13:41:07	Emmet	21	2	5	0
2020/06/19 13:41:07	Genesee	2111	258	508	25
2020/06/19 13:41:07	Gladwin	23	1		
2020/06/19 13:41:07	Gogebic	6	1		
2020/06/19 13:41:07	Grand Traverse	37	5	1	0
2020/06/19 13:41:07	Gratiot	81	13	11	0
2020/06/19 13:41:07	Hillsdale	171	25	12	0
2020/06/19 13:41:07	Houghton	8	0		
2020/06/19 13:41:07	Huron	52	1	8	0
2020/06/19 13:41:07	Ingham	790	29	41	0
2020/06/19 13:41:07	Ionia	167	4	21	0
2020/06/19 13:41:07	Iosco	96	9	15	1
2020/06/19 13:41:07	Iron	4	0		
2020/06/19 13:41:07	Isabella	86	8	20	0
2020/06/19 13:41:07	Jackson	467	29	21	1
2020/06/19 13:41:07	Kalamazoo	922	63	62	1
2020/06/19 13:41:07	Kalkaska	19	2	11	0
2020/06/19 13:41:07	Kent	4179	119	372	3
2020/06/19 13:41:07	Keweenaw	1	0		
2020/06/19 13:41:07	Lake	6	0	1	0
2020/06/19 13:41:07	Lapeer	204	30	39	1
2020/06/19 13:41:07	Leelanau	12	0		
2020/06/19 13:41:07	Lenawee	163	6	36	0
2020/06/19 13:41:07	Livingston	421	27	113	1

2020/06/19 13:41:07	Luce	3	0		
2020/06/19 13:41:07	Mackinac	8	0		
2020/06/19 13:41:07	Macomb	6954	860	169	37
2020/06/19 13:41:07	Manistee	13	0	1	0
2020/06/19 13:41:07	Marquette	61	11		
2020/06/19 13:41:07	Mason	34	0	6	0
2020/06/19 13:41:07	Mecosta	24	2	3	0
2020/06/19 13:41:07	Menominee	9	0		
2020/06/19 13:41:07	Midland	115	9	41	0
2020/06/19 13:41:07	Missaukee	18	1	6	0
2020/06/19 13:41:07	Monroe	502	20	73	1
2020/06/19 13:41:07	Montcalm	74	1	7	0
2020/06/19 13:41:07	Montmorency	5	0		
2020/06/19 13:41:07	Muskegon	755	46	13	0
2020/06/19 13:41:07	Newaygo	126	0	5	0
2020/06/19 13:41:07	Oakland	8629	1030	2856	41
2020/06/19 13:41:07	Oceana	154	3	9	0
2020/06/19 13:41:07	Ogemaw	23	2	9	0
	Ontonagon				
2020/06/19 13:41:07	Osceola	19	0	6	0
2020/06/19 13:41:07	Oscoda	6	1	3	0
2020/06/19 13:41:07	Otsego	102	10	18	0
2020/06/19 13:41:07	Ottawa	884	46	67	5
2020/06/19 13:41:07	Presque Isle	12	0		
2020/06/19 13:41:07	Roscommon	22	0	4	0
2020/06/19 13:41:07	Saginaw	1150	117	32	3
2020/06/19 13:41:07	Sanilac	42	5	1	1
2020/06/19 13:41:07	Schoolcraft	4	0		
2020/06/19 13:41:07	Shiawassee	242	26	23	1
2020/06/19 13:41:07	St Clair	463	47	61	1
2020/06/19 13:41:07	St Joseph	196	3	14	0
2020/06/19 13:41:07	Tuscola	213	26	33	0
2020/06/19 13:41:07	Van Buren	189	6	24	1
2020/06/19 13:41:07	Washtenaw	1397	103	207	0
2020/06/19 13:41:07	Wayne	9878	1138	332	34
2020/06/19 13:41:07	Wexford	15	3	3	0
2020/06/19 13:41:07	MDOC	4077	68	1	0
2020/06/19 13:41:07	FCI	168	5		
2020/06/19 13:41:07	Out-of-State	41	0		
2020/06/19 13:41:07	Unknown	3	0	2	0
2020/06/19 13:41:07	Detroit City	11333	1425	452	84

# **CASES BY DEMOGRAPHICS STATEWIDE 2020-06-19**

CASE_STATUS	AgeCat	RaceCat	SEX	Cases	Deaths
Confirmed	0-19	American Indian/Alaska Native	Female	8	0
Confirmed	20-29	American Indian/Alaska Native	Female	17	0
Confirmed	30-39	American Indian/Alaska Native	Female	12	0
Confirmed	40-49	American Indian/Alaska Native	Female	25	0
Confirmed	50-59	American Indian/Alaska Native	Female	31	0
Confirmed	60-69	American Indian/Alaska Native	Female	15	Suppressed
Confirmed	70-79	American Indian/Alaska Native	Female	12	Suppressed
Confirmed	80+	American Indian/Alaska Native	Female	Suppressed	Suppressed
Confirmed	Unknown	American Indian/Alaska Native	Female	0	0
Confirmed	0-19	Asian/Pacific Islander	Female	31	0
Confirmed	20-29	Asian/Pacific Islander	Female	92	0
Confirmed	30-39	Asian/Pacific Islander	Female	147	0
Confirmed	40-49	Asian/Pacific Islander	Female	148	0
Confirmed	50-59	Asian/Pacific Islander	Female	128	Suppressed
Confirmed	60-69	Asian/Pacific Islander	Female	82	Suppressed
Confirmed	70-79	Asian/Pacific Islander	Female	39	10
Confirmed	80+	Asian/Pacific Islander	Female	49	21
Confirmed	Unknown	Asian/Pacific Islander	Female	0	0
Confirmed	0-19	Black/African American	Female	284	Suppressed
Confirmed	20-29	Black/African American	Female	1238	Suppressed
Confirmed	30-39	Black/African American	Female	1472	8
Confirmed	40-49	Black/African American	Female	1692	49
Confirmed	50-59	Black/African American	Female	1735	98
Confirmed	60-69	Black/African American	Female	1662	214
Confirmed	70-79	Black/African American	Female	1139	287
Confirmed	80+	Black/African American	Female	930	382
Confirmed	Unknown	Black/African American	Female	0	0
Confirmed	0-19	Multiple Races	Female	75	0
Confirmed	20-29	Multiple Races	Female	356	0
Confirmed	30-39	Multiple Races	Female	402	0
Confirmed	40-49	Multiple Races	Female	503	Suppressed
Confirmed	50-59	Multiple Races	Female	543	Suppressed
Confirmed	60-69	Multiple Races	Female	331	Suppressed
Confirmed	70-79	Multiple Races	Female	145	10
Confirmed	80+	Multiple Races	Female	157	19
Confirmed	Unknown	Multiple Races	Female	Suppressed	0
Confirmed	0-19	Other	Female	156	0
Confirmed	20-29	Other	Female	339	0
Confirmed	30-39	Other	Female	310	Suppressed
Confirmed	40-49	Other	Female	316	Suppressed
Confirmed	50-59	Other	Female	220	Suppressed
Confirmed	60-69	Other	Female	157	12
Confirmed	70-79	Other	Female	83	14
Confirmed	80+	Other	Female	85	17
Confirmed	Unknown	Other	Female	0	0
Confirmed	0-19	Unknown	Female	160	0
Confirmed	20-29	Unknown	Female	512	0

Confirmed	30-39	Unknown	Female	573	0
Confirmed	40-49	Unknown	Female	759	Suppressed
Confirmed	50-59	Unknown	Female	767	Suppressed
Confirmed	60-69	Unknown	Female	640	16
Confirmed	70-79	Unknown	Female	399	24
Confirmed	80+	Unknown	Female	470	45
Confirmed	Unknown	Unknown	Female	0	0
Confirmed	0-19	White	Female	320	0
Confirmed	20-29	White	Female	1485	Suppressed
Confirmed	30-39	White	Female	1492	Suppressed
Confirmed	40-49	White	Female	1598	17
Confirmed	50-59	White	Female	1891	58
Confirmed	60-69	White	Female	1635	147
Confirmed	70-79	White	Female	1362	335
Confirmed	80+	White	Female	2504	938
Confirmed	Unknown	White	Female	Suppressed	0
Confirmed	0-19	American Indian/Alaska Native	Male	Suppressed	0
Confirmed	20-29	American Indian/Alaska Native	Male	8	0
Confirmed	30-39	American Indian/Alaska Native	Male	21	0
Confirmed	40-49	American Indian/Alaska Native	Male	26	0
Confirmed	50-59	American Indian/Alaska Native	Male	24	Suppressed
Confirmed	60-69	American Indian/Alaska Native	Male	21	Suppressed
Confirmed	70-79	American Indian/Alaska Native	Male	13	6
Confirmed	80+	American Indian/Alaska Native	Male	Suppressed	Suppressed
Confirmed	Unknown	American Indian/Alaska Native	Male	0	0
Confirmed	0-19	Asian/Pacific Islander	Male	36	0
Confirmed	20-29	Asian/Pacific Islander	Male	112	0
Confirmed	30-39	Asian/Pacific Islander	Male	136	0
Confirmed	40-49	Asian/Pacific Islander	Male	128	Suppressed
Confirmed	50-59	Asian/Pacific Islander	Male	109	Suppressed
Confirmed	60-69	Asian/Pacific Islander	Male	79	12
Confirmed	70-79	Asian/Pacific Islander	Male	39	11
Confirmed	80+	Asian/Pacific Islander	Male	32	16
Confirmed	Unknown	Asian/Pacific Islander	Male	0	0
Confirmed	0-19	Black/African American	Male	235	Suppressed
Confirmed	20-29	Black/African American	Male	884	6
Confirmed	30-39	Black/African American	Male	1147	25
Confirmed	40-49	Black/African American	Male	1392	66
Confirmed	50-59	Black/African American	Male	1737	174
Confirmed	60-69	Black/African American	Male	1768	321
Confirmed	70-79	Black/African American	Male	1173	389
Confirmed	80+	Black/African American	Male	559	288
Confirmed	Unknown	Black/African American	Male	Suppressed	Suppressed
Confirmed	0-19	Multiple Races	Male	82	0
Confirmed	20-29	Multiple Races	Male	240	Suppressed
Confirmed	30-39	Multiple Races	Male	276	0
Confirmed	40-49	Multiple Races	Male	345	Suppressed
Confirmed	50-59	Multiple Races	Male	381	Suppressed
Confirmed	60-69	Multiple Races	Male	281	18
Confirmed	70-79	Multiple Races	Male	148	14

Confirmed	80+	Multiple Races	Male	71	16
Confirmed	Unknown	Multiple Races	Male	0	0
Confirmed	0-19	Other	Male	194	0
Confirmed	20-29	Other	Male	321	Suppressed
Confirmed	30-39	Other	Male	359	Suppressed
Confirmed	40-49	Other	Male	340	Suppressed
Confirmed	50-59	Other	Male	255	6
Confirmed	60-69	Other	Male	166	21
Confirmed	70-79	Other	Male	94	17
Confirmed	80+	Other	Male	41	11
Confirmed	Unknown	Other	Male	0	0
Confirmed	0-19	Unknown	Male	199	0
Confirmed	20-29	Unknown	Male	561	Suppressed
Confirmed	30-39	Unknown	Male	710	Suppressed
Confirmed	40-49	Unknown	Male	818	9
Confirmed	50-59	Unknown	Male	861	8
Confirmed	60-69	Unknown	Male	678	22
Confirmed	70-79	Unknown	Male	346	26
Confirmed	80+	Unknown	Male	232	39
Confirmed	Unknown	Unknown	Male	8	0
Confirmed	0-19	White	Male	307	0
Confirmed	20-29	White	Male	1222	Suppressed
Confirmed	30-39	White	Male	1501	9
Confirmed	40-49	White	Male	1622	33
Confirmed	50-59	White	Male	1982	104
Confirmed	60-69	White	Male	1919	251
Confirmed	70-79	White	Male	1362	425
Confirmed	80+	White	Male	1311	676
Confirmed	Unknown	White	Male	Suppressed	0
Confirmed	0-19	American Indian/Alaska Native	Unknown	0	0
Confirmed	20-29	American Indian/Alaska Native	Unknown	0	0
Confirmed	30-39	American Indian/Alaska Native	Unknown	0	0
Confirmed	40-49	American Indian/Alaska Native	Unknown	0	0
Confirmed	50-59	American Indian/Alaska Native	Unknown	0	0
Confirmed	60-69	American Indian/Alaska Native	Unknown	0	0
Confirmed	70-79	American Indian/Alaska Native	Unknown	0	0
Confirmed	80+	American Indian/Alaska Native	Unknown	0	0
Confirmed	Unknown	American Indian/Alaska Native	Unknown	0	0
Confirmed	0-19	Asian/Pacific Islander	Unknown	0	0
Confirmed	20-29	Asian/Pacific Islander	Unknown	0	0
Confirmed	30-39	Asian/Pacific Islander	Unknown	Suppressed	0
Confirmed	40-49	Asian/Pacific Islander	Unknown	0	0
Confirmed	50-59	Asian/Pacific Islander	Unknown	0	0
Confirmed	60-69	Asian/Pacific Islander	Unknown	0	0
Confirmed	70-79	Asian/Pacific Islander	Unknown	0	0
Confirmed	80+	Asian/Pacific Islander	Unknown	0	0
Confirmed	Unknown	Asian/Pacific Islander	Unknown	0	0
Confirmed	0-19	Black/African American	Unknown	0	0
Confirmed	20-29	Black/African American	Unknown	Suppressed	0
Confirmed	30-39	Black/African American	Unknown	Suppressed	0

Confirmed	40-49	Black/African American	Unknown	0	0
Confirmed	50-59	Black/African American	Unknown	Suppressed	0
Confirmed	60-69	Black/African American	Unknown	Suppressed	0
Confirmed	70-79	Black/African American	Unknown	Suppressed	0
Confirmed	80+	Black/African American	Unknown	Suppressed	0
Confirmed	Unknown	Black/African American	Unknown	Suppressed	0
Confirmed	0-19	Multiple Races	Unknown	Suppressed	0
Confirmed	20-29	Multiple Races	Unknown	Suppressed	0
Confirmed	30-39	Multiple Races	Unknown	Suppressed	0
Confirmed	40-49	Multiple Races	Unknown	0	0
Confirmed	50-59	Multiple Races	Unknown	Suppressed	0
Confirmed	60-69	Multiple Races	Unknown	Suppressed	0
Confirmed	70-79	Multiple Races	Unknown	0	0
Confirmed	80+	Multiple Races	Unknown	0	0
Confirmed	Unknown	Multiple Races	Unknown	0	0
Confirmed	0-19	Other	Unknown	Suppressed	0
Confirmed	20-29	Other	Unknown	0	0
Confirmed	30-39	Other	Unknown	Suppressed	0
Confirmed	40-49	Other	Unknown	Suppressed	0
Confirmed	50-59	Other	Unknown	Suppressed	0
Confirmed	60-69	Other	Unknown	0	0
Confirmed	70-79	Other	Unknown	0	0
Confirmed	80+	Other	Unknown	0	0
Confirmed	Unknown	Other	Unknown	0	0
Confirmed	0-19	Unknown	Unknown	10	0
Confirmed	20-29	Unknown	Unknown	10	0
Confirmed	30-39	Unknown	Unknown	16	0
Confirmed	40-49	Unknown	Unknown	19	0
Confirmed	50-59	Unknown	Unknown	17	0
Confirmed	60-69	Unknown	Unknown	15	0
Confirmed	70-79	Unknown	Unknown	8	0
Confirmed	80+	Unknown	Unknown	22	Suppressed
Confirmed	Unknown	Unknown	Unknown	Suppressed	0
Confirmed	0-19	White	Unknown	Suppressed	0
Confirmed	20-29	White	Unknown	Suppressed	0
Confirmed	30-39	White	Unknown	Suppressed	0
Confirmed	40-49	White	Unknown	Suppressed	0
Confirmed	50-59	White	Unknown	0	0
Confirmed	60-69	White	Unknown	Suppressed	0
Confirmed	70-79	White	Unknown	Suppressed	0
Confirmed	80+	White	Unknown	Suppressed	0
Confirmed	Unknown	White	Unknown	0	0
Probable	0-19	American Indian/Alaska Native	Female	0	0
Probable	20-29	American Indian/Alaska Native	Female	Suppressed	0
Probable	30-39	American Indian/Alaska Native	Female	Suppressed	0
Probable	40-49	American Indian/Alaska Native	Female	Suppressed	0
Probable	50-59	American Indian/Alaska Native	Female	Suppressed	0
Probable	60-69	American Indian/Alaska Native	Female	Suppressed	0
Probable	70-79	American Indian/Alaska Native	Female	Suppressed	0
Probable	80+	American Indian/Alaska Native	Female	0	0

Probable	Unknown	American Indian/Alaska Native	Female	0	0
Probable	0-19	Asian/Pacific Islander	Female	14	0
Probable	20-29	Asian/Pacific Islander	Female	15	0
Probable	30-39	Asian/Pacific Islander	Female	15	0
Probable	40-49	Asian/Pacific Islander	Female	Suppressed	0
Probable	50-59	Asian/Pacific Islander	Female	10	0
Probable	60-69	Asian/Pacific Islander	Female	6	0
Probable	70-79	Asian/Pacific Islander	Female	Suppressed	0
Probable	80+	Asian/Pacific Islander	Female	0	0
Probable	Unknown	Asian/Pacific Islander	Female	Suppressed	0
Probable	0-19	Black/African American	Female	37	0
Probable	20-29	Black/African American	Female	72	0
Probable	30-39	Black/African American	Female	56	0
Probable	40-49	Black/African American	Female	75	Suppressed
Probable	50-59	Black/African American	Female	73	6
Probable	60-69	Black/African American	Female	79	10
Probable	70-79	Black/African American	Female	30	8
Probable	80+	Black/African American	Female	27	18
Probable	Unknown	Black/African American	Female	Suppressed	0
Probable	0-19	Multiple Races	Female	12	0
Probable	20-29	Multiple Races	Female	30	0
Probable	30-39	Multiple Races	Female	11	0
Probable	40-49	Multiple Races	Female	32	0
Probable	50-59	Multiple Races	Female	33	0
Probable	60-69	Multiple Races	Female	21	0
Probable	70-79	Multiple Races	Female	7	0
Probable	80+	Multiple Races	Female	Suppressed	Suppressed
Probable	Unknown	Multiple Races	Female	0	0
Probable	0-19	Other	Female	32	0
Probable	20-29	Other	Female	16	0
Probable	30-39	Other	Female	22	0
Probable	40-49	Other	Female	24	0
Probable	50-59	Other	Female	14	Suppressed
Probable	60-69	Other	Female	7	Suppressed
Probable	70-79	Other	Female	Suppressed	0
Probable	80+	Other	Female	0	0
Probable	Unknown	Other	Female	Suppressed	0
Probable	0-19	Unknown	Female	99	0
Probable	20-29	Unknown	Female	192	0
Probable	30-39	Unknown	Female	196	0
Probable	40-49	Unknown	Female	274	0
Probable	50-59	Unknown	Female	278	0
Probable	60-69	Unknown	Female	233	Suppressed
Probable	70-79	Unknown	Female	90	0
Probable	80+	Unknown	Female	59	Suppressed
Probable	Unknown	Unknown	Female	17	0
Probable	0-19	White	Female	138	0
Probable	20-29	White	Female	189	0
Probable	30-39	White	Female	159	0
Probable	40-49	White	Female	165	Suppressed



Probable	50-59	White	Female	250	Suppressed
Probable	60-69	White	Female	161	14
Probable	70-79	White	Female	87	17
Probable	80+	White	Female	69	39
Probable	Unknown	White	Female	7	0
Probable	0-19	American Indian/Alaska Native	Male	0	0
Probable	20-29	American Indian/Alaska Native	Male	0	0
Probable	30-39	American Indian/Alaska Native	Male	0	0
Probable	40-49	American Indian/Alaska Native	Male	Suppressed	0
Probable	50-59	American Indian/Alaska Native	Male	Suppressed	0
Probable	60-69	American Indian/Alaska Native	Male	Suppressed	0
Probable	70-79	American Indian/Alaska Native	Male	0	0
Probable	80+	American Indian/Alaska Native	Male	Suppressed	Suppressed
Probable	Unknown	American Indian/Alaska Native	Male	0	0
Probable	0-19	Asian/Pacific Islander	Male	11	0
Probable	20-29	Asian/Pacific Islander	Male	12	0
Probable	30-39	Asian/Pacific Islander	Male	15	0
Probable	40-49	Asian/Pacific Islander	Male	Suppressed	0
Probable	50-59	Asian/Pacific Islander	Male	7	0
Probable	60-69	Asian/Pacific Islander	Male	Suppressed	0
Probable	70-79	Asian/Pacific Islander	Male	0	0
Probable	80+	Asian/Pacific Islander	Male	0	0
Probable	Unknown	Asian/Pacific Islander	Male	0	0
Probable	0-19	Black/African American	Male	34	0
Probable	20-29	Black/African American	Male	35	0
Probable	30-39	Black/African American	Male	33	0
Probable	40-49	Black/African American	Male	41	7
Probable	50-59	Black/African American	Male	57	6
Probable	60-69	Black/African American	Male	54	12
Probable	70-79	Black/African American	Male	31	18
Probable	80+	Black/African American	Male	10	9
Probable	Unknown	Black/African American	Male	Suppressed	0
Probable	0-19	Multiple Races	Male	21	0
Probable	20-29	Multiple Races	Male	17	0
Probable	30-39	Multiple Races	Male	23	0
Probable	40-49	Multiple Races	Male	27	0
Probable	50-59	Multiple Races	Male	22	0
Probable	60-69	Multiple Races	Male	14	0
Probable	70-79	Multiple Races	Male	6	0
Probable	80+	Multiple Races	Male	Suppressed	Suppressed
Probable	Unknown	Multiple Races	Male	Suppressed	0
Probable	0-19	Other	Male	33	0
Probable	20-29	Other	Male	29	0
Probable	30-39	Other	Male	13	0
Probable	40-49	Other	Male	15	0
Probable	50-59	Other	Male	8	0
Probable	60-69	Other	Male	10	Suppressed
Probable	70-79	Other	Male	Suppressed	Suppressed
Probable	80+	Other	Male	Suppressed	0
Probable	Unknown	Other	Male	Suppressed	0

Probable	0-19	Unknown	Male	109	0
Probable	20-29	Unknown	Male	143	0
Probable	30-39	Unknown	Male	179	Suppressed
Probable	40-49	Unknown	Male	195	Suppressed
Probable	50-59	Unknown	Male	227	0
Probable	60-69	Unknown	Male	176	0
Probable	70-79	Unknown	Male	76	Suppressed
Probable	80+	Unknown	Male	26	Suppressed
Probable	Unknown	Unknown	Male	11	0
Probable	0-19	White	Male	176	0
Probable	20-29	White	Male	137	Suppressed
Probable	30-39	White	Male	131	Suppressed
Probable	40-49	White	Male	138	Suppressed
Probable	50-59	White	Male	181	Suppressed
Probable	60-69	White	Male	125	11
Probable	70-79	White	Male	49	8
Probable	80+	White	Male	45	24
Probable	Unknown	White	Male	Suppressed	0
Probable	0-19	American Indian/Alaska Native	Unknown	0	0
Probable	20-29	American Indian/Alaska Native	Unknown	0	0
Probable	30-39	American Indian/Alaska Native	Unknown	0	0
Probable	40-49	American Indian/Alaska Native	Unknown	0	0
Probable	50-59	American Indian/Alaska Native	Unknown	0	0
Probable	60-69	American Indian/Alaska Native	Unknown	0	0
Probable	70-79	American Indian/Alaska Native	Unknown	0	0
Probable	80+	American Indian/Alaska Native	Unknown	0	0
Probable	Unknown	American Indian/Alaska Native	Unknown	0	0
Probable	0-19	Asian/Pacific Islander	Unknown	0	0
Probable	20-29	Asian/Pacific Islander	Unknown	0	0
Probable	30-39	Asian/Pacific Islander	Unknown	0	0
Probable	40-49	Asian/Pacific Islander	Unknown	0	0
Probable	50-59	Asian/Pacific Islander	Unknown	0	0
Probable	60-69	Asian/Pacific Islander	Unknown	0	0
Probable	70-79	Asian/Pacific Islander	Unknown	0	0
Probable	80+	Asian/Pacific Islander	Unknown	0	0
Probable	Unknown	Asian/Pacific Islander	Unknown	0	0
Probable	0-19	Black/African American	Unknown	0	0
Probable	20-29	Black/African American	Unknown	0	0
Probable	30-39	Black/African American	Unknown	0	0
Probable	40-49	Black/African American	Unknown	0	0
Probable	50-59	Black/African American	Unknown	0	0
Probable	60-69	Black/African American	Unknown	0	0
Probable	70-79	Black/African American	Unknown	0	0
Probable	80+	Black/African American	Unknown	0	0
Probable	Unknown	Black/African American	Unknown	0	0
Probable	0-19	Multiple Races	Unknown	0	0
Probable	20-29	Multiple Races	Unknown	Suppressed	0
Probable	30-39	Multiple Races	Unknown	Suppressed	0
Probable	40-49	Multiple Races	Unknown	0	0
Probable	50-59	Multiple Races	Unknown	0	0

Probable	60-69	Multiple Races	Unknown	Suppressed	0
Probable	70-79	Multiple Races	Unknown	0	0
Probable	80+	Multiple Races	Unknown	0	0
Probable	Unknown	Multiple Races	Unknown	0	0
Probable	0-19	Other	Unknown	0	0
Probable	20-29	Other	Unknown	0	0
Probable	30-39	Other	Unknown	0	0
Probable	40-49	Other	Unknown	0	0
Probable	50-59	Other	Unknown	0	0
Probable	60-69	Other	Unknown	0	0
Probable	70-79	Other	Unknown	0	0
Probable	80+	Other	Unknown	0	0
Probable	Unknown	Other	Unknown	0	0
Probable	0-19	Unknown	Unknown	Suppressed	0
Probable	20-29	Unknown	Unknown	Suppressed	0
Probable	30-39	Unknown	Unknown	Suppressed	0
Probable	40-49	Unknown	Unknown	6	0
Probable	50-59	Unknown	Unknown	Suppressed	0
Probable	60-69	Unknown	Unknown	7	0
Probable	70-79	Unknown	Unknown	Suppressed	0
Probable	80+	Unknown	Unknown	Suppressed	0
Probable	Unknown	Unknown	Unknown	37	0
Probable	0-19	White	Unknown	Suppressed	0
Probable	20-29	White	Unknown	0	0
Probable	30-39	White	Unknown	0	0
Probable	40-49	White	Unknown	Suppressed	0
Probable	50-59	White	Unknown	Suppressed	0
Probable	60-69	White	Unknown	0	0
Probable	70-79	White	Unknown	0	0
Probable	80+	White	Unknown	Suppressed	0
Probable	Unknown	White	Unknown	0	0

## TESTS BY COUNTY 2020-06-19

Updated	COUNTY	TestType	Count	RatePerMillion
2020/06/19 13:41:09	Alcona	Diagnostic	531	51245
2020/06/19 13:41:09	Alcona	Serology	20	1930
2020/06/19 13:41:09	Alcona	Total	551	53175
2020/06/19 13:41:09	Alger	Serology	45	4947
2020/06/19 13:41:09	Alger	Diagnostic	233	25613
2020/06/19 13:41:09	Alger	Total	278	30560
2020/06/19 13:41:09	Allegan	Diagnostic	6876	58605
2020/06/19 13:41:09	Allegan	Serology	301	2565
2020/06/19 13:41:09	Allegan	Total	7177	61171
2020/06/19 13:41:09	Alpena	Diagnostic	817	28808
2020/06/19 13:41:09	Alpena	Serology	69	2433
2020/06/19 13:41:09	Alpena	Total	886	31241
2020/06/19 13:41:09	Antrim	Diagnostic	752	32185
2020/06/19 13:41:09	Antrim	Serology	50	2140
2020/06/19 13:41:09	Antrim	Total	802	34325
2020/06/19 13:41:09	Arenac	Diagnostic	968	64357
2020/06/19 13:41:09	Arenac	Serology	53	3524
2020/06/19 13:41:09	Arenac	Total	1021	67881
2020/06/19 13:41:09	Baraga	Diagnostic	283	34014
2020/06/19 13:41:09	Baraga	Serology	11	1322
2020/06/19 13:41:09	Baraga	Total	294	35337
2020/06/19 13:41:09	Barry	Serology	215	3516
2020/06/19 13:41:09	Barry	Diagnostic	2884	47157
2020/06/19 13:41:09	Barry	Total	3099	50673
2020/06/19 13:41:09	Bay	Serology	473	4551
2020/06/19 13:41:09	Bay	Diagnostic	7529	72448
2020/06/19 13:41:09	Bay	Total	8002	76999
2020/06/19 13:41:09	Benzie	Diagnostic	629	35431
2020/06/19 13:41:09	Benzie	Serology	18	1014
2020/06/19 13:41:09	Benzie	Total	647	36445
2020/06/19 13:41:09	Berrien	Diagnostic	15673	101680
2020/06/19 13:41:09	Berrien	Serology	947	6144
2020/06/19 13:41:09	Berrien	Total	16620	107823
2020/06/19 13:41:09	Branch	Serology	69	1582
2020/06/19 13:41:09	Branch	Diagnostic	1423	32621
2020/06/19 13:41:09	Branch	Total	1492	34203
2020/06/19 13:41:09	Calhoun	Serology	342	2543
2020/06/19 13:41:09	Calhoun	Diagnostic	10994	81748
2020/06/19 13:41:09	Calhoun	Total	11336	84291
2020/06/19 13:41:09	Cass	Diagnostic	1998	38681
2020/06/19 13:41:09	Cass	Serology	85	1646
2020/06/19 13:41:09	Cass	Total	2083	40327
2020/06/19 13:41:09	Charlevoix	Diagnostic	1089	41495
2020/06/19 13:41:09	Charlevoix	Serology	236	8993
2020/06/19 13:41:09	Charlevoix	Total	1325	50488
2020/06/19 13:41:09	Cheboygan	Diagnostic	1031	40570
2020/06/19 13:41:09	Cheboygan	Serology	101	3974

2020/06/19 13:41:09	Cheboygan	Total	1132	44544
2020/06/19 13:41:09	Chippewa	Diagnostic	620	16526
2020/06/19 13:41:09	Chippewa	Serology	70	1866
2020/06/19 13:41:09	Chippewa	Total	690	18392
2020/06/19 13:41:09	Clare	Diagnostic	1407	45746
2020/06/19 13:41:09	Clare	Serology	86	2796
2020/06/19 13:41:09	Clare	Total	1493	48542
2020/06/19 13:41:09	Clinton	Diagnostic	4301	54215
2020/06/19 13:41:09	Clinton	Serology	1352	17042
2020/06/19 13:41:09	Clinton	Total	5653	71258
2020/06/19 13:41:09	Correctional	Serology	6572	
2020/06/19 13:41:09	Correctional	Diagnostic	47734	
2020/06/19 13:41:09	Correctional	Total	54306	
2020/06/19 13:41:09	Crawford	Serology	34	2446
2020/06/19 13:41:09	Crawford	Diagnostic	597	42947
2020/06/19 13:41:09	Crawford	Total	631	45392
2020/06/19 13:41:09	Delta	Diagnostic	1443	40243
2020/06/19 13:41:09	Delta	Serology	114	3179
2020/06/19 13:41:09	Delta	Total	1557	43422
2020/06/19 13:41:09	Detroit City	Serology	6636	10212
2020/06/19 13:41:09	Detroit City	Diagnostic	106440	163803
2020/06/19 13:41:09	Detroit City	Total	113076	174016
2020/06/19 13:41:09	Dickinson	Diagnostic	650	25608
2020/06/19 13:41:09	Dickinson	Serology	36	1418
2020/06/19 13:41:09	Dickinson	Total	686	27026
2020/06/19 13:41:09	Eaton	Diagnostic	9586	87284
2020/06/19 13:41:09	Eaton	Serology	1997	18183
2020/06/19 13:41:09	Eaton	Total	11583	105467
2020/06/19 13:41:09	Emmet	Diagnostic	1520	45635
2020/06/19 13:41:09	Emmet	Serology	525	15762
2020/06/19 13:41:09	Emmet	Total	2045	61397
2020/06/19 13:41:09	Genesee	Diagnostic	23743	58352
2020/06/19 13:41:09	Genesee	Serology	5877	14444
2020/06/19 13:41:09	Genesee	Total	29620	72796
2020/06/19 13:41:09	Gladwin	Serology	67	2644
2020/06/19 13:41:09	Gladwin	Diagnostic	1511	59636
2020/06/19 13:41:09	Gladwin	Total	1578	62280
2020/06/19 13:41:09	Gogebic	Diagnostic	716	47430
2020/06/19 13:41:09	Gogebic	Serology	16	1060
2020/06/19 13:41:09	Gogebic	Total	732	48490
2020/06/19 13:41:09	Grand Traverse	Diagnostic	4400	47530
2020/06/19 13:41:09	Grand Traverse	Serology	182	1966
2020/06/19 13:41:09	Grand Traverse	Total	4582	49496
2020/06/19 13:41:09	Gratiot	Serology	202	4975
2020/06/19 13:41:09	Gratiot	Diagnostic	2405	59238
2020/06/19 13:41:09	Gratiot	Total	2607	64213
2020/06/19 13:41:09	Hillsdale	Diagnostic	2627	57422
2020/06/19 13:41:09	Hillsdale	Serology	109	2383
2020/06/19 13:41:09	Hillsdale	Total	2736	59805
2020/06/19 13:41:09	Houghton	Diagnostic	1120	30923

2020/06/19 13:41:09	Houghton	Serology	46	1270
2020/06/19 13:41:09	Houghton	Total	1166	32193
2020/06/19 13:41:09	Huron	Diagnostic	1709	54835
2020/06/19 13:41:09	Huron	Serology	104	3337
2020/06/19 13:41:09	Huron	Total	1813	58172
2020/06/19 13:41:09	Ingham	Diagnostic	25816	88189
2020/06/19 13:41:09	Ingham	Serology	5973	20404
2020/06/19 13:41:09	Ingham	Total	31789	108593
2020/06/19 13:41:09	Ionia	Serology	537	8363
2020/06/19 13:41:09	Ionia	Diagnostic	4479	69755
2020/06/19 13:41:09	Ionia	Total	5016	78119
2020/06/19 13:41:09	Iosco	Diagnostic	1968	78466
2020/06/19 13:41:09	Iosco	Serology	43	1714
2020/06/19 13:41:09	Iosco	Total	2011	80180
2020/06/19 13:41:09	Iron	Diagnostic	562	50553
2020/06/19 13:41:09	Iron	Serology	6	540
2020/06/19 13:41:09	Iron	Total	568	51093
2020/06/19 13:41:09	Isabella	Diagnostic	2121	30059
2020/06/19 13:41:09	Isabella	Serology	220	3118
2020/06/19 13:41:09	Isabella	Total	2341	33176
2020/06/19 13:41:09	Jackson	Diagnostic	12294	77407
2020/06/19 13:41:09	Jackson	Serology	836	5264
2020/06/19 13:41:09	Jackson	Total	13130	82671
2020/06/19 13:41:09	Kalamazoo	Diagnostic	15931	60146
2020/06/19 13:41:09	Kalamazoo	Serology	1050	3964
2020/06/19 13:41:09	Kalamazoo	Total	16981	64111
2020/06/19 13:41:09	Kalkaska	Diagnostic	787	44154
2020/06/19 13:41:09	Kalkaska	Serology	13	729
2020/06/19 13:41:09	Kalkaska	Total	800	44883
2020/06/19 13:41:09	Kent	Diagnostic	51955	79468
2020/06/19 13:41:09	Kent	Serology	4566	6984
2020/06/19 13:41:09	Kent	Total	56521	86452
2020/06/19 13:41:09	Keweenaw	Diagnostic	98	46380
2020/06/19 13:41:09	Keweenaw	Serology	5	2366
2020/06/19 13:41:09	Keweenaw	Total	103	48746
2020/06/19 13:41:09	Lake	Diagnostic	974	81980
2020/06/19 13:41:09	Lake	Serology	41	3451
2020/06/19 13:41:09	Lake	Total	1015	85431
2020/06/19 13:41:09	Lapeer	Diagnostic	3983	45247
2020/06/19 13:41:09	Lapeer	Serology	809	9190
2020/06/19 13:41:09	Lapeer	Total	4792	54437
2020/06/19 13:41:09	Leelanau	Diagnostic	620	28487
2020/06/19 13:41:09	Leelanau	Serology	39	1792
2020/06/19 13:41:09	Leelanau	Total	659	30279
2020/06/19 13:41:09	Lenawee	Serology	397	4040
2020/06/19 13:41:09	Lenawee	Diagnostic	4087	41591
2020/06/19 13:41:09	Lenawee	Total	4484	45631
2020/06/19 13:41:09	Livingston	Diagnostic	12567	65719
2020/06/19 13:41:09	Livingston	Serology	2340	12237
2020/06/19 13:41:09	Livingston	Total	14907	77956

2020/06/19 13:41:09	Luce	Serology	11	1751
2020/06/19 13:41:09	Luce	Diagnostic	185	29445
2020/06/19 13:41:09	Luce	Total	196	31195
2020/06/19 13:41:09	Mackinac	Diagnostic	321	29758
2020/06/19 13:41:09	Mackinac	Serology	29	2688
2020/06/19 13:41:09	Mackinac	Total	350	32446
2020/06/19 13:41:09	Macomb	Diagnostic	65695	75101
2020/06/19 13:41:09	Macomb	Serology	14802	16921
2020/06/19 13:41:09	Macomb	Total	80497	92022
2020/06/19 13:41:09	Manistee	Serology	58	2365
2020/06/19 13:41:09	Manistee	Diagnostic	586	23891
2020/06/19 13:41:09	Manistee	Total	644	26256
2020/06/19 13:41:09	Marquette	Diagnostic	5093	76568
2020/06/19 13:41:09	Marquette	Serology	592	8900
2020/06/19 13:41:09	Marquette	Total	5685	85468
2020/06/19 13:41:09	Mason	Diagnostic	2206	75808
2020/06/19 13:41:09	Mason	Serology	85	2921
2020/06/19 13:41:09	Mason	Total	2291	78729
2020/06/19 13:41:09	Mecosta	Diagnostic	2246	51579
2020/06/19 13:41:09	Mecosta	Serology	128	2939
2020/06/19 13:41:09	Mecosta	Total	2374	54518
2020/06/19 13:41:09	Menominee	Diagnostic	452	19667
2020/06/19 13:41:09	Menominee	Serology	18	783
2020/06/19 13:41:09	Menominee	Total	470	20450
2020/06/19 13:41:09	Midland	Diagnostic	5090	61171
2020/06/19 13:41:09	Midland	Serology	372	4471
2020/06/19 13:41:09	Midland	Total	5462	65642
2020/06/19 13:41:09	Missaukee	Diagnostic	495	32753
2020/06/19 13:41:09	Missaukee	Serology	42	2779
2020/06/19 13:41:09	Missaukee	Total	537	35532
2020/06/19 13:41:09	Monroe	Serology	1595	10602
2020/06/19 13:41:09	Monroe	Diagnostic	7588	50439
2020/06/19 13:41:09	Monroe	Total	9183	61041
2020/06/19 13:41:09	Montcalm	Diagnostic	3977	62172
2020/06/19 13:41:09	Montcalm	Serology	400	6253
2020/06/19 13:41:09	Montcalm	Total	4377	68425
2020/06/19 13:41:09	Montmorency	Diagnostic	376	40583
2020/06/19 13:41:09	Montmorency	Serology	32	3454
2020/06/19 13:41:09	Montmorency	Total	408	44037
2020/06/19 13:41:09	Muskegon	Serology	388	2235
2020/06/19 13:41:09	Muskegon	Diagnostic	15952	91896
2020/06/19 13:41:09	Muskegon	Total	16340	94131
2020/06/19 13:41:09	Newaygo	Diagnostic	3378	69091
2020/06/19 13:41:09	Newaygo	Serology	226	4622
2020/06/19 13:41:09	Newaygo	Total	3604	73713
2020/06/19 13:41:09	Oakland	Diagnostic	89609	71163
2020/06/19 13:41:09	Oakland	Serology	32313	25662
2020/06/19 13:41:09	Oakland	Total	121922	96825
2020/06/19 13:41:09	Oceana	Serology	89	3343
2020/06/19 13:41:09	Oceana	Diagnostic	2579	96864

2020/06/19 13:41:09	Oceana	Total	2668	100207
2020/06/19 13:41:09	Ogemaw	Diagnostic	779	37180
2020/06/19 13:41:09	Ogemaw	Serology	33	1575
2020/06/19 13:41:09	Ogemaw	Total	812	38755
2020/06/19 13:41:09	Ontonagon	Diagnostic	390	67299
2020/06/19 13:41:09	Ontonagon	Serology	5	863
2020/06/19 13:41:09	Ontonagon	Total	395	68162
2020/06/19 13:41:09	Osceola	Diagnostic	1598	68463
2020/06/19 13:41:09	Osceola	Serology	64	2742
2020/06/19 13:41:09	Osceola	Total	1662	71205
2020/06/19 13:41:09	Oscoda	Serology	7	846
2020/06/19 13:41:09	Oscoda	Diagnostic	225	27187
2020/06/19 13:41:09	Oscoda	Total	232	28033
2020/06/19 13:41:09	Otsego	Serology	170	6892
2020/06/19 13:41:09	Otsego	Diagnostic	989	40097
2020/06/19 13:41:09	Otsego	Total	1159	46990
2020/06/19 13:41:09	Ottawa	Diagnostic	23087	79475
2020/06/19 13:41:09	Ottawa	Serology	1396	4806
2020/06/19 13:41:09	Ottawa	Total	24483	84281
2020/06/19 13:41:09	Presque Isle	Serology	56	4396
2020/06/19 13:41:09	Presque Isle	Diagnostic	446	35013
2020/06/19 13:41:09	Presque Isle	Total	502	39410
2020/06/19 13:41:09	Roscommon	Diagnostic	904	37850
2020/06/19 13:41:09	Roscommon	Serology	137	5736
2020/06/19 13:41:09	Roscommon	Total	1041	43586
2020/06/19 13:41:09	Saginaw	Diagnostic	17424	91321
2020/06/19 13:41:09	Saginaw	Serology	591	3097
2020/06/19 13:41:09	Saginaw	Total	18015	94418
2020/06/19 13:41:09	Sanilac	Serology	195	4735
2020/06/19 13:41:09	Sanilac	Diagnostic	1918	46574
2020/06/19 13:41:09	Sanilac	Total	2113	51309
2020/06/19 13:41:09	Schoolcraft	Diagnostic	265	32846
2020/06/19 13:41:09	Schoolcraft	Serology	26	3223
2020/06/19 13:41:09	Schoolcraft	Total	291	36068
2020/06/19 13:41:09	Shiawassee	Diagnostic	2555	37468
2020/06/19 13:41:09	Shiawassee	Serology	634	9297
2020/06/19 13:41:09	Shiawassee	Total	3189	46765
2020/06/19 13:41:09	St Clair	Serology	2491	15634
2020/06/19 13:41:09	St Clair	Diagnostic	8995	56453
2020/06/19 13:41:09	St Clair	Total	11486	72086
2020/06/19 13:41:09	St Joseph	Diagnostic	2568	42069
2020/06/19 13:41:09	St Joseph	Serology	183	2998
2020/06/19 13:41:09	St Joseph	Total	2751	45067
2020/06/19 13:41:09	Tuscola	Diagnostic	3920	74644
2020/06/19 13:41:09	Tuscola	Serology	254	4837
2020/06/19 13:41:09	Tuscola	Total	4174	79481
2020/06/19 13:41:09	Unknown	Serology	10805	
2020/06/19 13:41:09	Unknown	Diagnostic	77794	
2020/06/19 13:41:09	Unknown	Total	88599	
2020/06/19 13:41:09	Van Buren	Diagnostic	4889	64800



2020/06/19 13:41:09	Van Buren	Serology	226	2995
2020/06/19 13:41:09	Van Buren	Total	5115	67795
2020/06/19 13:41:09	Washtenaw	Serology	4524	12195
2020/06/19 13:41:09	Washtenaw	Diagnostic	28975	78108
2020/06/19 13:41:09	Washtenaw	Total	33499	90303
2020/06/19 13:41:09	Wayne	Serology	20881	18917
2020/06/19 13:41:09	Wayne	Diagnostic	106795	96751
2020/06/19 13:41:09	Wayne	Total	127676	115668
2020/06/19 13:41:09	Wexford	Diagnostic	1557	46525
2020/06/19 13:41:09	Wexford	Serology	65	1942
2020/06/19 13:41:09	Wexford	Total	1622	48467

**DIAGNOSTIC TESTS BY RESULT AND COUNTY 2020-06-19**

MessageDate	COUNTY	Negative	Positive	Total
6/17/2020	Alcona	8	0	8
6/17/2020	Alger	1	0	1
6/17/2020	Allegan	108	2	110
6/17/2020	Alpena	15	0	15
6/17/2020	Antrim	19	0	19
6/17/2020	Arenac	20	0	20
6/17/2020	Baraga	3	0	3
6/17/2020	Barry	28	1	29
6/17/2020	Bay	165	3	168
6/17/2020	Benzie	10	0	10
6/17/2020	Berrien	339	11	350
6/17/2020	Branch	39	0	39
6/17/2020	Calhoun	248	4	252
6/17/2020	Cass	62	0	62
6/17/2020	Charlevoix	41	0	41
6/17/2020	Cheboygan	12	0	12
6/17/2020	Chippewa	6	0	6
6/17/2020	Clare	67	0	67
6/17/2020	Clinton	71	1	72
6/17/2020	Correctional	680	37	717
6/17/2020	Crawford	9	0	9
6/17/2020	Delta	19	0	19
6/17/2020	Detroit City	1014	20	1034
6/17/2020	Dickinson	10	0	10
6/17/2020	Eaton	194	1	195
6/17/2020	Emmet	76	1	77
6/17/2020	Genesee	391	3	394
6/17/2020	Gladwin	173	3	176
6/17/2020	Gogebic	37	0	37
6/17/2020	Grand Traverse	117	1	118
6/17/2020	Gratiot	17	0	17
6/17/2020	Hillsdale	48	0	48
6/17/2020	Houghton	32	0	32
6/17/2020	Huron	41	2	43
6/17/2020	Ingham	452	6	458
6/17/2020	Ionia	141	2	143
6/17/2020	Iosco	23	0	23
6/17/2020	Iron	7	0	7
6/17/2020	Isabella	55	0	55
6/17/2020	Jackson	281	4	285
6/17/2020	Kalamazoo	207	5	212
6/17/2020	Kalkaska	15	0	15
6/17/2020	Kent	943	34	977
6/17/2020	Keweenaw	2	0	2
6/17/2020	Lake	40	0	40
6/17/2020	Lapeer	39	1	40
6/17/2020	Leelanau	17	0	17

6/17/2020	Lenawee	78	0	78
6/17/2020	Livingston	192	2	194
6/17/2020	Luce	1	0	1
6/17/2020	Mackinac	3	0	3
6/17/2020	Macomb	661	13	674
6/17/2020	Manistee	8	0	8
6/17/2020	Marquette	67	0	67
6/17/2020	Mason	50	1	51
6/17/2020	Mecosta	44	1	45
6/17/2020	Menominee	3	0	3
6/17/2020	Midland	107	3	110
6/17/2020	Missaukee	8	0	8
6/17/2020	Monroe	94	3	97
6/17/2020	Montcalm	75	1	76
6/17/2020	Montmorency	3	0	3
6/17/2020	Muskegon	466	9	475
6/17/2020	Newaygo	75	2	77
6/17/2020	Oakland	1009	28	1037
6/17/2020	Oceana	84	26	110
6/17/2020	Ogemaw	13	1	14
6/17/2020	Ontonagon	1	0	1
6/17/2020	Osceola	42	1	43
6/17/2020	Oscoda	9	1	10
6/17/2020	Otsego	22	0	22
6/17/2020	Ottawa	506	3	509
6/17/2020	Presque Isle	6	0	6
6/17/2020	Roscommon	25	0	25
6/17/2020	Saginaw	265	14	279
6/17/2020	Sanilac	22	0	22
6/17/2020	Schoolcraft	5	0	5
6/17/2020	Shiawassee	53	0	53
6/17/2020	St Clair	171	0	171
6/17/2020	St Joseph	54	2	56
6/17/2020	Tuscola	62	2	64
6/17/2020	Unknown	2023	28	2051
6/17/2020	Van Buren	84	3	87
6/17/2020	Washtenaw	560	6	566
6/17/2020	Wayne	1439	40	1479
6/17/2020	Wexford	44	1	45
6/18/2020	Alcona	8	0	8
6/18/2020	Alger	1	0	1
6/18/2020	Allegan	119	1	120
6/18/2020	Alpena	16	0	16
6/18/2020	Antrim	6	0	6
6/18/2020	Arenac	14	0	14
6/18/2020	Baraga	1	0	1
6/18/2020	Barry	47	1	48
6/18/2020	Bay	138	1	139
6/18/2020	Benzie	8	0	8
6/18/2020	Berrien	327	4	331

6/18/2020	Branch	34	0	34
6/18/2020	Calhoun	132	3	135
6/18/2020	Cass	53	0	53
6/18/2020	Charlevoix	26	0	26
6/18/2020	Cheboygan	14	0	14
6/18/2020	Chippewa	12	0	12
6/18/2020	Clare	25	1	26
6/18/2020	Clinton	41	1	42
6/18/2020	Correctional	185	14	199
6/18/2020	Crawford	7	0	7
6/18/2020	Delta	22	0	22
6/18/2020	Detroit City	713	29	742
6/18/2020	Dickinson	5	0	5
6/18/2020	Eaton	189	3	192
6/18/2020	Emmet	34	0	34
6/18/2020	Genesee	270	12	282
6/18/2020	Gladwin	25	0	25
6/18/2020	Gogebic	11	1	12
6/18/2020	Grand Traverse	64	1	65
6/18/2020	Gratiot	15	2	17
6/18/2020	Hillsdale	20	0	20
6/18/2020	Houghton	14	0	14
6/18/2020	Huron	29	0	29
6/18/2020	Ingham	370	3	373
6/18/2020	Ionia	127	7	134
6/18/2020	Iosco	23	0	23
6/18/2020	Iron	5	0	5
6/18/2020	Isabella	28	0	28
6/18/2020	Jackson	217	3	220
6/18/2020	Kalamazoo	152	4	156
6/18/2020	Kalkaska	4	0	4
6/18/2020	Kent	690	39	729
6/18/2020	Keweenaw	1	0	1
6/18/2020	Lake	15	0	15
6/18/2020	Lapeer	34	0	34
6/18/2020	Leelanau	9	0	9
6/18/2020	Lenawee	64	3	67
6/18/2020	Livingston	272	2	274
6/18/2020	Luce	1	0	1
6/18/2020	Mackinac	2	0	2
6/18/2020	Macomb	733	21	754
6/18/2020	Manistee	13	0	13
6/18/2020	Marquette	156	0	156
6/18/2020	Mason	37	1	38
6/18/2020	Mecosta	39	0	39
6/18/2020	Menominee	2	0	2
6/18/2020	Midland	109	0	109
6/18/2020	Missaukee	5	0	5
6/18/2020	Monroe	94	3	97
6/18/2020	Montcalm	53	0	53

6/18/2020	Montmorency	7	0	7
6/18/2020	Muskegon	420	13	433
6/18/2020	Newaygo	80	1	81
6/18/2020	Oakland	1341	19	1360
6/18/2020	Oceana	52	12	64
6/18/2020	Ogemaw	12	0	12
6/18/2020	Ontonagon	4	0	4
6/18/2020	Osceola	26	0	26
6/18/2020	Oscoda	1	0	1
6/18/2020	Otsego	10	0	10
6/18/2020	Ottawa	294	12	306
6/18/2020	Presque Isle	12	0	12
6/18/2020	Roscommon	13	0	13
6/18/2020	Saginaw	369	6	375
6/18/2020	Sanilac	19	0	19
6/18/2020	Schoolcraft	4	0	4
6/18/2020	Shiawassee	37	0	37
6/18/2020	St Clair	117	5	122
6/18/2020	St Joseph	58	3	61
6/18/2020	Tuscola	42	0	42
6/18/2020	Unknown	2524	28	2552
6/18/2020	Van Buren	64	1	65
6/18/2020	Washtenaw	533	5	538
6/18/2020	Wayne	1179	42	1221
6/18/2020	Wexford	21	0	21