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# Coronavirus



CORONAVIRUS / MICHIGAN DATA

This information is updated daily at 3 p.m., with COVID-19 results included as of 10 a.m.

**\*Note on deaths (05/21/20):** Regular reviews of death certificate data maintained in Vital Records reporting systems are conducted by MDHHS staff three times per week. As a part of this process, records that identify COVID-19 infection as a contributing factor to death are compared against all laboratory confirmed cases of COVID-19 in the Michigan Disease Surveillance System (MDSS). If a death certificate is matched to a confirmed COVID-19 case and that record in the MDSS does not indicate the individual died, the MDSS record is updated to indicate the death and the appropriate local health department is notified. These matched deaths are then included with mortality information posted to the Michigan Coronavirus website. As a result of the most recent assessment, today's data includes 31 additional deaths identified by this methodology.

**Confirmed COVID-19 Cases by Jurisdiction updated 5/21/2020**

County	Confirmed Cases	Reported Deaths
Alcona	9	1
Allegan	195	5
Alpena	92	9
Antrim	11	
Arenac	32	1
Baraga	1	
Barry	57	1
Bay	260	16
Benzie	4	
Berrien	564	40
Branch	98	2
Calhoun	327	19
Cass	68	2
Charlevoix	14	1
Cheboygan	21	1
Chippewa	2	
Clare	16	2
Clinton	137	10
Crawford	58	5
Delta	17	2
Detroit City	10558	1295
Dickinson	5	2
Eaton	170	6
Emmet	21	2
Genesee	1926	240
Gladwin	17	1
Gogebic	5	1
Grand Traverse	23	5
Gratiot	57	4
Hillsdale	168	24
Houghton	2	
Huron	42	1
Ingham	674	24
Ionia	129	3
Iosco	73	9
Isabella	65	7
Jackson	425	26

<b>County</b>	<b>Confirmed Cases</b>	<b>Reported Deaths</b>
Kalamazoo	762	45
Kalkaska	18	2
Kent	3145	62
Lake	3	
Lapeer	182	30
Leelanau	11	
Lenawee	142	3
Livingston	389	26
Luce	2	
Mackinac	6	
Macomb	6420	772
Manistee	11	
Marquette	52	10
Mason	29	
Mecosta	19	2
Menominee	8	
Midland	76	8
Missaukee	16	1
Monroe	442	18
Montcalm	62	1
Montmorency	5	
Muskegon	552	26
Newaygo	71	
Oakland	8125	945
Oceana	69	2
Ogemaw	20	
Osceola	10	
Oscoda	5	1
Otsego	99	10
Ottawa	632	26
Presque Isle	11	
Roscommon	21	
Saginaw	968	103
Sanilac	39	5
Schoolcraft	4	
Shiawassee	249	22
St Clair	422	33
St Joseph	92	2
Tuscola	178	22
Van Buren	117	6
Washtenaw	1265	95
Wayne	8980	1018
Wexford	11	2
MDOC*	3257	60
FCI**	125	4
Unknown	3	
Out of State	42	
<b>Grand Total</b>	<b>53510</b>	<b>5129</b>

\*Michigan Department of Corrections

\*\*Federal Correctional Institute\*Michigan Department of Corrections

**Note on cumulative counts:** This report is provisional and subject to change. As public health investigations of individual cases continue, there will be corrections to the status and details of referred cases that result in changes to this report. *City of Detroit and Wayne County are reported separately*

**Note on the deaths:** Deaths must be reported by health care providers, medical examiners/coroners, and recorded by

ocal health departments in order to be counted.

**Note on jurisdictional classification:** In order to provide more accurate data, the “Other” jurisdiction category will no longer be used. Michigan Department of Corrections cases will be listed under “MDOC”. Federal Correctional Institution cases will be listed under “FCI”.

**Note on Case Fatality Rate:** The case fatality rate is the number of people who have died from causes associated with COVID-19 out of the total number of people with confirmed COVID-19 infections. It is used as one measure of illness severity. Several factors can affect this number. Until recently, COVID-19 lab testing has prioritized for hospitalized individuals due to limited testing availability. As a result, COVID-19 infections were identified more often in people who were more severely ill. This would lead to a higher case fatality rate. As more people with mild illness are tested, it is likely the case fatality rate will go down.

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- [CORONAVIRUS SYMPTOMS](#)

**Cumulative Total of Recovered COVID-19 Cases (as of 5/15/2020):** **28,234**

**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 May 15, 2020 represents COVID-19 confirmed individuals with an onset date on or prior to April 15, 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

#### Age Data of Overall Deceased

Average Age	75.3 years
Median Age	77 years
Age Range	5-107 years

#### Overall Case Fatality Rate

Statewide Confirmed Cases	10%
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#### Cases by Sex

Sex	Percentage of Overall Cases by Sex	Percentage of Deceased Cases by Sex
Male	47%	53%
Female	53%	47%
Unknown	<1%	<1%

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

### Cases by Age

Age	Percentage of Overall Cases by Age	Percentage of Deceased Cases by Age
0 to 19	3%	<1%
20 to 29	11%	<1%
30 to 39	14%	1%
40 to 49	16%	3%
50 to 59	18%	8%
60 to 69	16%	18%
70 to 79	11%	27%
80+	11%	42%
Unknown	<1%	<1%

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

### Cases by Race

Race	Percentage of Overall Cases by Race	Percentage of Deceased Cases by Race
American Indian or Alaska Native	<1%	<1%
Asian/Pacific Islander	2%	1%
Black or African American	31%	40%
Caucasian	36%	51%
Multiple Races	8%	2%
Other	5%	2%
Unknown	18%	4%

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

### Cases by Hispanic/Latino Ethnicity

Hispanic/Latino Ethnicity	Percentage of Overall Cases by Ethnicity	Percentage of Deceased Cases by Ethnicity
Hispanic/Latino	6%	2%
Non-Hispanic Latino	63%	81%
Unknown	31%	17%

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

### Cases by Arab Ethnicity

Arab Ethnicity	Percentage of Overall Cases by Ethnicity	Percentage of Deceased Cases by Ethnicity
Arab	2%	1%
Non-Arab	35%	38%
Unknown	63%	61%

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

