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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 (05/09/20):** 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 **67** additional deaths identified by this methodology.

**Confirmed COVID-19 Cases by Jurisdiction updated 5/9/2020**

County	Confirmed Cases	Reported Deaths
Alcona	4	1
Allegan	136	2
Alpena	87	8
Antrim	10	
Arenac	27	1
Baraga	1	
Barry	49	1
Bay	189	9
Benzie	4	
Berrien	384	22
Branch	79	2
Calhoun	258	17
Cass	41	2
Charlevoix	13	1
Cheboygan	19	1
Chippewa	2	
Clare	12	2
Clinton	127	10
Crawford	57	4
Delta	14	2
Detroit City	9709	1181
Dickinson	5	2
Eaton	150	6
Emmet	21	2
Genesee	1750	223
Gladwin	16	1
Gogebic	4	1
Grand Traverse	20	5
Gratiot	29	3
Hillsdale	151	21
Houghton	2	
Huron	34	1
Ingham	575	16
Ionia	107	2
Iosco	54	8
Isabella	61	7
Jackson	389	26

<b>County</b>	<b>Confirmed Cases</b>	<b>Reported Deaths</b>
Kalamazoo	591	27
Kalkaska	17	2
Kent	2213	41
Lake	2	
Lapeer	175	29
Leelanau	9	
Lenawee	127	2
Livingston	375	22
Luce	1	
Mackinac	6	
Macomb	6019	697
Manistee	11	
Marquette	51	9
Mason	19	
Mecosta	16	2
Menominee	6	
Midland	66	8
Missaukee	16	1
Monroe	387	16
Montcalm	46	1
Montmorency	5	
Muskegon	354	20
Newaygo	34	
Oakland	7692	841
Oceana	25	1
Ogemaw	15	
Osceola	9	
Oscoda	5	1
Otsego	97	9
Ottawa	373	19
Presque Isle	11	
Roscommon	20	
Saginaw	780	83
Sanilac	37	5
Schoolcraft	4	
Shiawassee	203	17
St Clair	353	25
St Joseph	65	1
Tuscola	131	17
Van Buren	84	3
Washtenaw	1176	81
Wayne	8251	901
Wexford	10	2
MDOC*	2136	50
FCI**	110	3
Unknown	12	
Out of State	21	
<b>Grand Total</b>	<b>46756</b>	<b>4526</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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**Cumulative Total of Recovered COVID-19 Cases (as of 5/8/2020):** **22,686**

**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 8, 2020 represents COVID-19 confirmed individuals with an onset date on or prior to April 8, 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	75.1 years
Median Age	76 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	46%	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	2%	<1%
20 to 29	11%	<1%
30 to 39	13%	1%
40 to 49	16%	3%
50 to 59	18%	8%
60 to 69	17%	18%
70 to 79	12%	27%
80+	11%	41%
Unknown	<1%	0%

*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	32%	41%
Caucasian	35%	49%
Multiple Races	8%	2%
Other	5%	2%
Unknown	18%	5%

*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	5%	2%
Non-Hispanic Latino	62%	79%
Unknown	33%	19%

*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	33%	34%
Unknown	65%	65%

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

