

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

**\*Note on deaths (04/21/20):** 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 95 additional deaths identified by this methodology.

#### Confirmed COVID-19 Cases by Jurisdiction updated 4/21/2020

County	Confirmed Cases	Reported Deaths
Alcona	3	
Allegan	47	
Alpena	35	1
Antrim	9	
Arenac	13	1
Barry	26	1
Bay	86	2
Benzie	4	
Berrien	170	10
Branch	43	2
Calhoun	156	5
Cass	22	1
Charlevoix	12	1
Cheboygan	14	1
Chippewa	1	
Clare	9	1
Clinton	105	7
Crawford	30	2
Delta	12	2
Detroit City	7904	728
Dickinson	3	2
Eaton	99	5
Emmet	21	2
Genesee	1298	131
Gladwin	9	1
Gogebic	4	1
Grand Traverse	19	5
Gratiot	8	1
Hillsdale	94	11
Houghton	2	
Huron	9	
Ingham	335	6
Ionia	26	2
Iosco	15	2
Isabella	53	7
Jackson	280	12
Kalamazoo	201	10
Kalkaska	17	2
Kent	626	25
Lake	2	

County	Confirmed Cases	Reported Deaths
Lapeer	148	22
Leelanau	7	
Lenawee	71	
Livingston	301	11
Luce	1	
Mackinac	4	
Macomb	4544	445
Manistee	11	
Marquette	35	6
Mason	4	
Mecosta	14	1
Menominee	1	
Midland	48	3
Missaukee	6	1
Monroe	241	10
Montcalm	26	1
Montmorency	4	
Muskegon	160	10
Newaygo	10	
Oakland	6306	506
Oceana	4	1
Ogemaw	6	
Osceola	8	
Oscoda	4	
Otsego	77	6
Ottawa	129	7
Presque Isle	6	
Roscommon	11	
Saginaw	433	32
Sanilac	32	3
Schoolcraft	3	
Shiawassee	121	3
St Clair	259	15
St Joseph	25	1
Tuscola	63	11
Van Buren	34	2
Washtenaw	900	38
Wayne	6351	550
Wexford	7	1
MDOC*	615	20
FCI**	57	
Unknown	26	2
Out of State	32	2
Totals	32967	2700

*City of Detroit and Wayne County are reported separately.*

*\*Michigan Department of Corrections*

*\*\*Federal Correctional Institute*

**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.

**Note on the deaths:** Deaths must be reported by health care providers, medical examiners/coroners, and recorded by local 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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- [LAB TESTING](#)
- [DATA ABOUT PLACES](#)
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**Cumulative Total of Recovered COVID-19 Cases (as of 4/17/2020):** **3,237**

**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 April 17, 2020 represents COVID-19 confirmed individuals with an onset date on or prior to March 18, 2020. These numbers will be updated every Saturday.

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

#### Age Data of Overall Deceased

Average Age	74 years
Median Age	75 years
Age Range	5-107 years

#### Overall Case Fatality Rate

Statewide Confirmed Cases	8%
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#### Cases by Sex

Sex	Percentage of Overall Cases by Sex	Percentage of Deceased Cases by Sex
Male	45%	56%
Female	54%	45%
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	1%	<1%
20 to 29	9%	<1%
30 to 39	13%	1%

Age	Percentage of Overall Cases by Age	Percentage of Deceased Cases by Age
40 to 49	16%	4%
50 to 59	19%	10%
60 to 69	18%	19%
70 to 79	13%	27%
80+	11%	39%
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	33%	40%
Caucasian	31%	43%
Multiple Races	7%	2%
Other	3%	2%
Unknown	24%	11%

*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	3%	1%
Non-Hispanic Latino	57%	72%
Unknown	40%	27%

*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	1%	1%
Non-Arab	25%	24%
Unknown	74%	75%

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



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