Coronavirus ☰

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

Note on deaths (04/23/20): 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 55 additional deaths identified by this methodology.

Confirmed COVID-19 Cases by Jurisdiction updated 4/23/2020

County	Confirmed Cases	Reported Deaths
Alcona	4	
Allegan	56	
Alpena	47	1
Antrim	9	
Arenac	15	1
Barry	28	1
Bay	102	2
Benzie	4	
Berrien	189	11
Branch	44	2
Calhoun	177	6
Cass	23	2
Charlevoix	13	1
Cheboygan	14	1
Chippewa	1	
Clare	10	1
Clinton	105	8
Crawford	43	2
Delta	12	2
Detroit City	8317	799
Dickinson	3	2
Eaton	111	5
Emmet	21	2
Genesee	1387	144
Gladwin	10	1
Gogebic	4	1
Grand Traverse	19	5
Gratiot	8	1
Hillsdale	98	12
Houghton	2	
Huron	10	
Ingham	370	9
Ionia	32	2
Iosco	21	3
Isabella	54	7
Jackson	298	14
Kalamazoo	229	11
Kalkaska	17	2
Kent	815	27
Lake	2	

County	Confirmed Cases	Reported Deaths
Lapeer	159	23
Leelanau	8	
Lenawee	80	
Livingston	312	11
Luce	1	
Mackinac	5	
Macomb	4862	493
Manistee	12	
Marquette	35	6
Mason	5	
Mecosta	13	1
Menominee	2	
Midland	51	3
Missaukee	12	1
Monroe	255	10
Montcalm	28	1
Montmorency	5	
Muskegon	186	12
Newaygo	12	
Oakland	6634	567
Oceana	4	1
Ogemaw	8	
Osceola	8	
Oscoda	4	
Otsego	83	6
Ottawa	161	7
Presque Isle	8	
Roscommon	11	
Saginaw	507	38
Sanilac	34	4
Schoolcraft	3	
Shiawassee	125	6
St Clair	284	16
St Joseph	27	1
Tuscola	76	12
Van Buren	35	2
Washtenaw	960	42
Wayne	6677	597
Wexford	7	1
MDOC*	759	28
FCI**	66	
Unknown	4	
Out of State	39	
Totals	35291	2977

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.

- DAILY COUNTS

- LAB TESTING

- DATA ABOUT PLACES

- **CORONAVIRUS SYMPTOMS**

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	74.2 years
Median Age	76 years
Age Range	5-107 years

Overall Case Fatality Rate

Statewide Confirmed Cases	8%

Cases by Sex

Sex	Percentage of Overall Cases by Sex	Percentage of Deceased Cases by Sex
Male	45%	55%
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	2%	<1%
20 to 29	9%	<1%
30 to 39	13%	1%
40 to 49	16%	4%
50 to 59	19%	9%

Age	Percentage of Overall Cases by Age	Percentage of Deceased Cases by Age
60 to 69	18%	19%
70 to 79	12%	28%
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%	44%
Multiple Races	7%	2%
Other	4%	2%
Unknown	23%	10%

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	58%	73%
Unknown	39%	26%

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	26%	25%
Unknown	73%	74%

Totals may not add to 100% due to rounding

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