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Coronavirus



CORONAVIRUS / MICHIGAN DATA

System malfunction results in delayed COVID-19 daily report

Due to a software issue, COVID-19 case and death counts are delayed for May 4. Daily, thousands of tests results are sent to the Michigan Department of Health and Human Services (MDHHS) electronically. These messages are processed through software designed to act as an integrator that connects health reporting systems.

The evening of May 3, the integration software malfunctioned and stopped processing messages from COVID-19 testing laboratories to the Michigan Disease Surveillance System.

The malfunction has been resolved. No information was lost and all of the messages were retained. However, processing the backlog of messages will take a significant amount of time. Therefore, today's data will be delayed and information will not be reported out until this evening and may not represent all data being processed.

MDHHS understands many people and programs rely on this information and is working to resolve this issue in as timely a manner as possible.

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

Confirmed COVID-19 Cases by Jurisdiction updated 5/3/2020

County	Confirmed Cases	Reported Deaths
Alcona	4	1
Allegan	113	2
Alpena	83	6
Antrim	10	
Arenac	28	1
Baraga	1	
Barry	37	1
Bay	157	6
Benzie	4	
Berrien	300	18
Branch	68	2
Calhoun	237	15
Cass	32	2
Charlevoix	13	1
Cheboygan	19	1
Chippewa	2	
Clare	11	1
Clinton	118	10
Crawford	56	4
Delta	13	2
Detroit City	9386	1085
Dickinson	4	2
Eaton	136	6
Emmet	21	2
Genesee	1634	196
Gladwin	14	1
Gogebic	4	1
Grand Traverse	19	5
Gratiot	26	2
Hillsdale	131	18
Houghton	2	

County	Confirmed Cases	Reported Deaths
Huron	22	1
Ingham	506	13
Ionia	90	2
Iosco	52	7
Isabella	61	7
Jackson	361	24
Kalamazoo	456	18
Kalkaska	17	2
Kent	1786	39
Lake	2	
Lapeer	171	26
Leelanau	9	
Lenawee	107	2
Livingston	361	19
Luce	1	
Mackinac	6	
Macomb	5756	628
Manistee	11	
Marquette	50	8
Mason	12	
Mecosta	14	1
Menominee	5	
Midland	62	6
Missaukee	16	1
Monroe	311	12
Montcalm	44	1
Montmorency	5	
Muskegon	304	17
Newaygo	26	
Oakland	7518	757
Oceana	16	1
Ogemaw	14	
Osceola	8	
Oscoda	5	
Otsego	93	8
Ottawa	275	12
Presque Isle	11	
Roscommon	17	
Saginaw	720	66
Sanilac	37	5
Schoolcraft	3	
Shiawassee	184	12
St Clair	335	21
St Joseph	36	1
Tuscola	113	14
Van Buren	61	2
Washtenaw	1113	71
Wayne	7912	808
Wexford	9	2
MDOC*	1844	42
FCI**	95	2
Unknown	10	
Out of State	18	
Totals	43754	4049

*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 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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Cumulative Total of Recovered COVID-19 Cases (as of 5/1/2020): **15,659**

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 1, 2020 represents COVID-19 confirmed individuals with an onset date on or prior to April 1, 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	74.9 years
Median Age	76 years
Age Range	5-107 years

Overall Case Fatality Rate

Statewide Confirmed Cases	9%
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Cases by Sex

Sex	Percentage of Overall Cases by Sex	Percentage of Deceased Cases by Sex
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Sex	Percentage of Overall Cases by Sex	Percentage of Deceased Cases by Sex
Male	46%	54%
Female	53%	46%
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	10%	<1%
30 to 39	13%	1%
40 to 49	16%	3%
50 to 59	19%	8%
60 to 69	17%	19%
70 to 79	12%	28%
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	33%	48%
Multiple Races	7%	2%
Other	4%	2%
Unknown	21%	6%

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	4%	2%
Non-Hispanic Latino	60%	78%
Unknown	36%	20%

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	30%	31%
Unknown	69%	68%

Totals may not add to 100% due to rounding



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