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Cumulative Michigan COVID-19 Data

Michigan COVID-19 State Data

12-8-2020

2020-12-08_MichiganOverview_COVIDstats

Michigan Department of Health & Human Services

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MI SAFE START 🗸

CONTAIN COVID **→** RESOURCES **→**

PRESS RELEASES

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Michigan Data

DATA ABOUT **PLACES**

CORONAVIRUS / MICHIGAN DATA

LONG TERM CARE **FACILITIES**

CORONAVIRUS **SYMPTOMS**

CUMULATIVE RECOVERED

OUTBREAK REPORTING

SCHOOL-RELATED **OUTBREAK** REPORTING

WASTEWATER **SURVEILLANCE**

TESTING TURNAROUND TIME

Note on deaths (12/08/20): 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 79 additional deaths identified by this methodology.

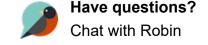
Current COVID-19 Statewide Data and Modeling Updates

Information on testing, disease trends, outbreaks, hospitalizations, deaths and the virus trajectory.

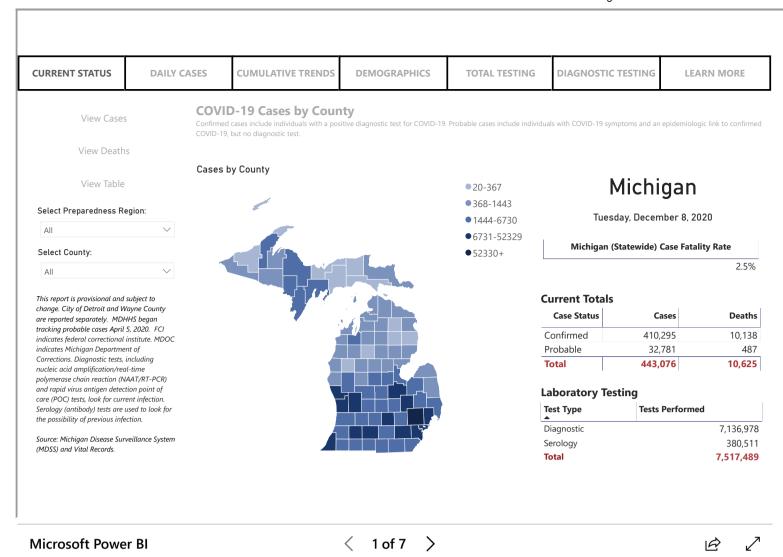
- December 1, 2020 slide deck.
- November 24, 2020 slide deck.
- November 18, 2020 slide deck. View a live presentation of the Nov. 18 data.

The State of Michigan is working around the clock to test and treat COVID-19 patients. Below is the most recent data healthcare experts across the state have compiled. It is updated Monday - Saturday.

Q







Cases by Hispanic/Latino Ethnicity

Hispanic/Latino Ethnicity	Percentage of Overall Cases by Ethnicity	Percentage of Deceased Cases by Ethnicity
Hispanic/Latino	5.59%	2.66%
Non-Hispanic Latino	67.07%	84.02%
Unknown	27.33%	13.32%

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	2.76%	1.78%
Non- Arab	47.05%	51.56%
Unknown	50.20%	46.67%

Totals may not add to 100% due to rounding

PUBLIC USE DATASETS 12/08/2020

(Downloadable .xlsx files)

Cases and Deaths by County

Cases and Deaths by County by Date of Onset of Symptoms and Date of Death

Cases by Demographics Statewide

COVID-19 Tests by County

Diagnostic Tests by Result and County

Cumulative Total of Recovered COVID-19 Cases

Cumulative Total of Recovered COVID-19 Cases (as of 12/04/2020): 197,750

Note on recovery: Due to the holiday, recovered statistics were calculated on November 25th. 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 December 4, 2020 represents COVID-19 confirmed individuals with an onset date on or prior to November 4, 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

CURRENT STATUS DAILY CASES CUMULATIVE TRENDS DEMOGRAPHICS TOTAL TESTING DIAGNOSTIC TESTING LEARN MORE

View Cases View Deaths View Table

Select Preparedness Region:

All	
Select County:	
All	<u> </u>

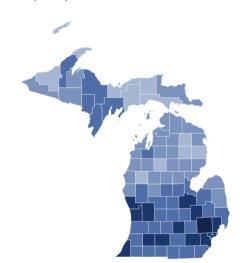
This report is provisional and subject to change. City of Detroit and Wayne County are reported separately. MDHHS began tracking probable cases April 5, 2020. FCI indicates federal correctional institute. MDOC indicates Michigan Department of Corrections. Diagnostic tests, including nucleic acid amplification/real-time polymerase chain reaction (NAAT/RT-PCR) and rapid virus antigen detection point of care (POC) tests, look for current infection. Serology (antibody) tests are used to look for the possibility of previous infection.

Source: Michigan Disease Surveillance System (MDSS) and Vital Records.

COVID-19 Cases by County

Confirmed cases include individuals with a positive diagnostic test for COVID-19. Probable cases include individuals with COVID-19 symptoms and an epidemiologic link to confirmed COVID-19, but no diagnostic test.

Cases by County



- 20-367
- **368-1443**
- 1444-6730
- ●6731-52329
- 52330+

Michigan

Tuesday, December 8, 2020

Michigan (Statewide) Case Fatality Rate

2.5%

 Current Totals

 Case Status
 Cases
 Deaths

 Confirmed
 410,295
 10,138

 Probable
 32,781
 487

 Total
 443,076
 10,625

Laboratory Testing

and or made by resum	9
Test Type	Tests Performed
Diagnostic	7,136,978
Serology	380,511
Total	7,517,489

CURRENT STATUS DAILY CASES CUMULATIVE TRENDS DEMOGRAPHICS TOTAL TESTING DIAGNOSTIC TESTING LEARN MORE



Select Preparedness Region:

All Select County:

This report is provisional and subject to change. City of Detroit and Wayne County are reported separately. MDHHS began tracking probable cases April 5, 2020. FCI indicates federal correctional institute. MDOC indicates Michigan Department of Corrections. Diagnostic tests, including nucleic acid amplification/real-time polymerase chain reaction (NAAT/RT-DCR) and rapid virus antigen detection point of care (POC) tests, look for current infection. Serology (antibody) tests are used to look for the possibility of previous infection.

Source: Michigan Disease Surveillance System (MDSS) and Vital Records.

COVID-19 Deaths by County

Confirmed deaths include individuals who had a confirmed COVID-19 infection and are classified as deceased by the case investigation, have COVID-19 indicated as a cause of death on their death certificate, or who die within 30 days of infection and their manner of death is listed as natural. Probable deaths include individuals who have COVID indicated on their death certificate, but have not had a positive diagnostic test.

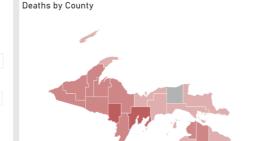
● 0 ● 1-10

11-48

49-283

● 1735+

284-1734



Michigan

Tuesday, December 8, 2020

Michigan (Statewide) Case Fatality Rate

2.5%

Current Totals					
Case Status	Cases	Deaths			
Confirmed	410,295	10,138			
Probable	32,781	487			
Total	443,076	10,625			

Laboratory Testing

Test Type Tests Performed			
Diagnostic	7,136,978		
Serology	380,511		
Total	7,517,489		

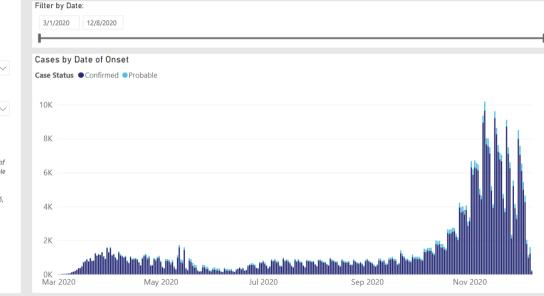
CURRENT STATUS DAILY CASES **CUMULATIVE TRENDS DEMOGRAPHICS TOTAL TESTING** DIAGNOSTIC TESTING **LEARN MORE Daily Cases by Status** Confirmed Cases The number of daily confirmed cases represent the total number of people who had a positive diagnostic test for COVID-19 by the date of the onset of their symptoms.



Select County: All

Cases are shown by onset date or by lab specimen collection date if onset date was unavailable. Deaths are shown by date of death or date or last status update if date of death was unavailable. Tracking of probable cases and deaths did not begin until April 5, 2020, therefore only probable cases referred for investigation on or after April 5, 2020 are displayed (onset may have been prior).

Notes: FCI indicates federal correctional institute. MDOC indicates Michigan Department of Corrections.



CUMULATIVE TRENDS DEMOGRAPHICS **TOTAL TESTING CURRENT STATUS** DAILY CASES DIAGNOSTIC TESTING **LEARN MORE Daily Deaths by Status**



Select County: All \vee

ΑII

Cases are shown by onset date or by lab specimen collection date if onset date was unavailable. Deaths are shown by date of death or date or last status update if date of death was unavailable. Tracking of probable cases and deaths did not begin until April 5, 2020, therefore only probable cases referred for investigation on or after April 5. 2020 are displayed (onset may have been prior).

Notes: FCI indicates federal correctional institute, MDOC indicates Michiaan Department of Corrections.



Mar 2020

May 2020

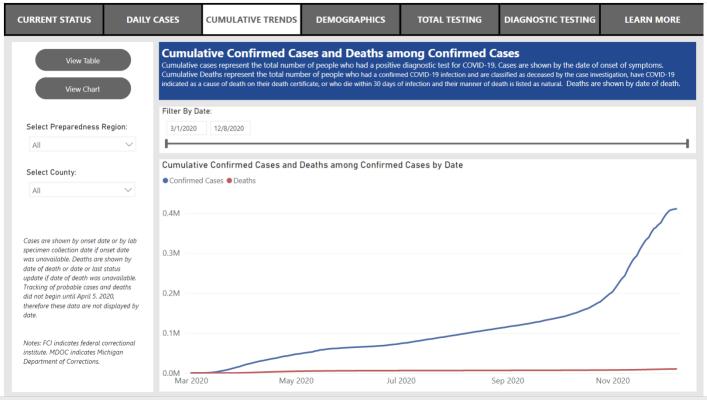
Confirmed deaths include individuals who had a confirmed COVID-19 infection and are classified as deceased by the case investigation, have COVID-19 indicated as a cause of death on their death certificate, or who die within 30 days of infection and their manner of death is listed as natural. Data are shown by the date of death.

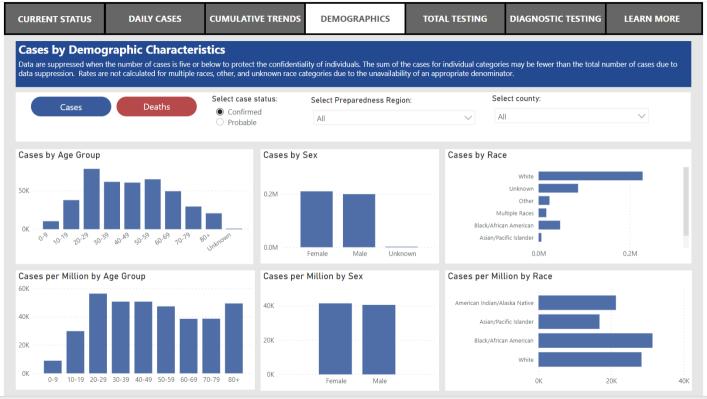


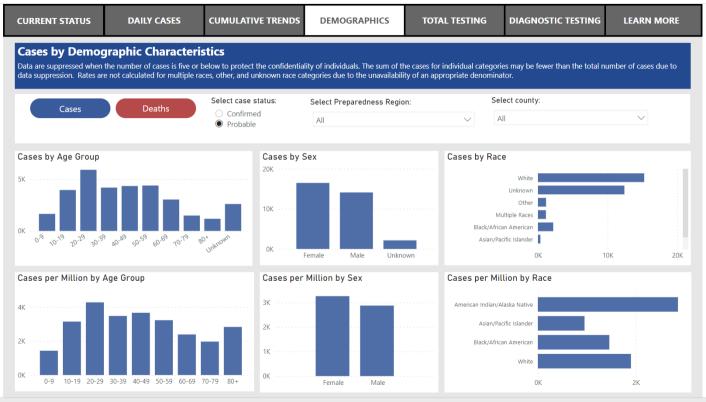
Jul 2020

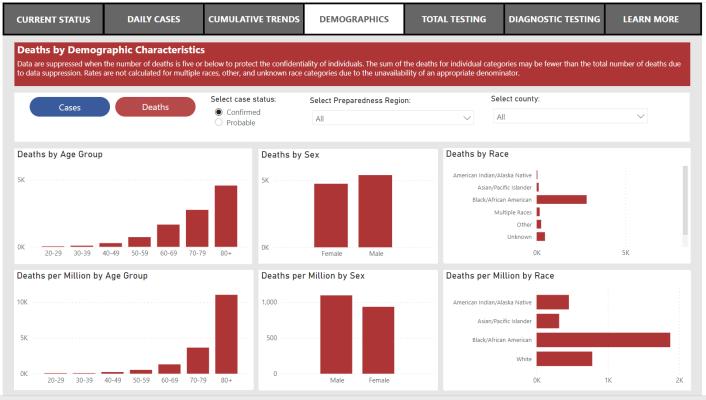
Sep 2020

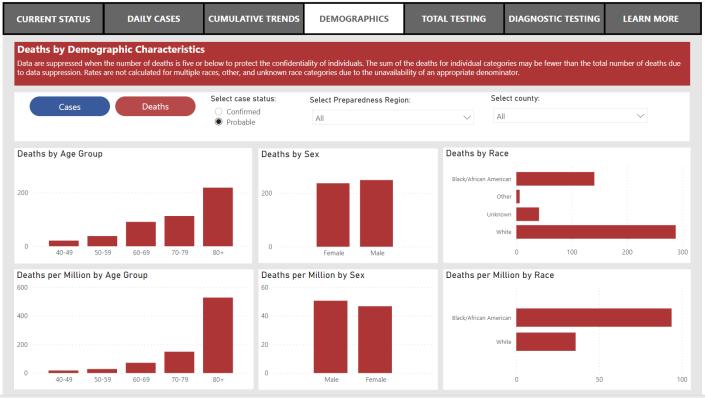
Nov 2020











CURRENT STATUS

DAILY CASES

CUMULATIVE TRENDS

DEMOGRAPHICS

TOTAL TESTING

DIAGNOSTIC TESTING

LEARN MORE

Total Covid-19 Laboratory Tests

Total testing includes both diagnostic tests which are used to determine if an individual currently has COVID-19 and serology testing which is used to determine if a person has antibodies to Covid-19.

Filter by Date:

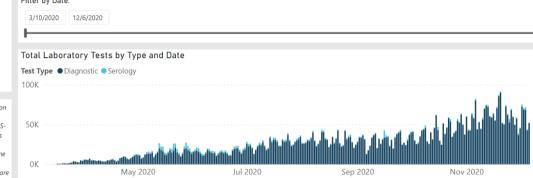
Select Preparedness Region:

All

Select County:

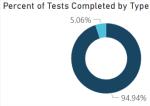
Diagnostic tests are used to find current infection and look for genes or proteins from the severe acute respiratory syndrome coronavirus 2 (SARS-COV-2), the virus that causes COVID-19. Theses tests, which are performed as nasal swabs, include: Nucleic acid amplification test/real-time polymerase chain reaction (NAAT/RT-PCR) testand rapid virus antigen detection point of care (POC) tests.

Serology tests are used to look for the possibility of previous infection. Serology tests look for antibodies to SARS-CoV-2 in the blood. There are currently two types of serology tests: the enzymelinked immunosorbent assay (EUSA) test and the rapid antibody detection POC test. Serology tests do not diagnose disease and do not guarantee immunity, but might provide information about previous infection.

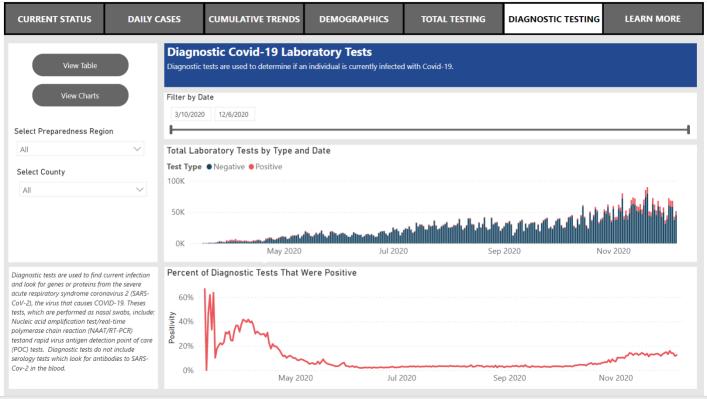




Total Tests	Completed to Date	
Test Type	Count	Tests per Million Residents
Diagnostic	7,136,978	714,331
Serology	380,511	38,085
Total	7,517,489	752,416







How does MDHHS classify confirmed and probable cases? Confirmed cases only include individuals who have had a positive diagnostic laboratory test for COVID-19. Probable cases include individuals who have symptoms consistent with COVID-19 and an epidemiologic link to a confirmed case or a positive serology (antibody) test, but do not have a positive diagnostic laboratory test for COVID-19 and individuals with a positive serology (antibody) test for COVID-19 and an epidemiologic link to a confirmed case.

Confirmed deaths include individuals who meet one or more of the following conditions: 1) Have been identified as a confirmed case and classified as deceased as a result of a case investigation in the Michigan Disease Surveillance System (MDSS). MDSS is the database used by state and local health department to monitor reportable diseases like COVID-19; 2) have been identified as a confirmed case in MDSS had have a death certificate with COVID-19 listed as a cause of death; 3) have been identified as a confirmed case in MDSS and die within 30 days of onset of COVID-19 infection and have a death certificate which classifies their manner death as 'natural'. Probable deaths include individuals who have COVID indicated as a cause of death on their death certificate

DEMOGRAPHICS

The State of Michigan COVID-19 Dashboard displays the most recent provisional data reported to the Michigan Department of Health and Humans Services (MDHHS) about cases in Michigan by selected demographics and county of residence (City of Detroit and Wayne County are reported separately), Data are reported to MDHHS via the Michigan Disease Surveillance System (MDSS).

TOTAL TESTING

LEARN MORE

DIAGNOSTIC TESTING

Why do the number of probable cases fluctuate? The number of probable cases can change daily based on the investigation efforts of the health department. When a probable case is first reported, local and/or state health department staff

DAILY CASES

How does MDHHS classify confirmed and probable deaths?

For COVID-19 updates from CDC visit https://www.cdc.gov/coronavirus/2019-ncov.

but have not had a positive diagnostic laboratory test.

Provisional Death data are provided by the MDHHS Division for Vital Records & Health Statistics.

CURRENT STATUS

Where does the data come from?

determined as not a case.

Why do data in the demographics tab not sum to the total number of cases for a county or region? Data are not shown whenever the number of cases for a particular demographic category is fewer than six to protect the confidentiality of individuals. Rates are not calculated for other, multiple,

and unknown race because an appropriate population denominator is not available for these categories at the county level.

CUMULATIVE TRENDS

Where can I get more information about COVID-19?

investigate to determine if the person meets the case definition of probable. As additional information is gathered, the case could be re-classified to confirmed, remain as probable, or be

Visit https://www.michigan.gov/coronavirus to find information on resources and assistance, answers to frequently asked questions, and the latest updates on Michigan's response to COVID-19.

PUBLIC USE DATASETS Cases and Deaths by County

README

Includes total cases and deaths to date by case status (confirmed or probable) and county.

County is based on the county of residence.

Confirmed cases only include individuals who have had a positive diagnostic laboratory test for COVID-19.

Probable cases include individuals who have symptoms consistent with COVID-19 and an epidemiologic link to a confirmed case or a positive serology (antibody) test, but do not have a positive diagnostic laboratory test for COVID-19 and individuals with a positive serology (antibody) test for COVID-19 and an epidemiologic link to a confirmed case.

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Probable deaths include individuals who have COVID indicated as a cause of death on their death certificate but have not had a positive diagnostic laboratory test.

The number of probable cases can change daily based on information obtained through the health department investigation. Probable cases can be re-classified as a confirmed case or determined to not be a case.

CASES AND DEATHS BY COUNTY 2020-12-08

Updated	COUNTY	ConfirmedCases	ConfirmedDeaths	ProbableCases	ProbableDeaths
2020/12/08 14:17:10	Alcona	235	7	53	1
2020/12/08 14:17:10	Alger	170	1	87	1
2020/12/08 14:17:10	Allegan	4301	33	385	8
2020/12/08 14:17:10	Alpena	794	18	99	0
2020/12/08 14:17:10	Antrim	459	7	49	0
2020/12/08 14:17:10		473	22	48	0
2020/12/08 14:17:10		436	24	89	0
2020/12/08 14:17:10	Barry	2367	16	164	1
2020/12/08 14:17:10	Bay	5003	127	172	0
2020/12/08 14:17:10	Benzie	479	11	56	0
2020/12/08 14:17:10	Berrien	7330	126	491	6
2020/12/08 14:17:10	Branch	2377	43	222	2
2020/12/08 14:17:10		5994	133	737	5
2020/12/08 14:17:10		2345	31	219	0
2020/12/08 14:17:10		634	7	101	0
2020/12/08 14:17:10		533	24	70	0
2020/12/08 14:17:10	, •	416	6	581	2
2020/12/08 14:17:10		834	27	90	0
2020/12/08 14:17:10		2998	29	192	0
2020/12/08 14:17:10		379	5	25	0
2020/12/08 14:17:10		2324	53	338	12
2020/12/08 14:17:10		1799	49	128	10
2020/12/08 14:17:10		3526	57	217	2
2020/12/08 14:17:10		991	29	99	0
2020/12/08 14:17:10		15277	442	2143	33
2020/12/08 14:17:10		839	13	125	1
2020/12/08 14:17:10		633	11	259	14
2020/12/08 14:17:10	_	2132	24	216	0
2020/12/08 14:17:10	Gratiot	1778	42	121	0
2020/12/08 14:17:10	Hillsdale	1864	45	125	2
2020/12/08 14:17:10	Houghton	1407	13	343	3
2020/12/08 14:17:10	Huron	942	19	140	0
2020/12/08 14:17:10	Ingham	10105	131	193	0
2020/12/08 14:17:10	Ionia	2786	30	51	0
2020/12/08 14:17:10	losco	806	30	110	1
2020/12/08 14:17:10	Iron	719	31	38	5
2020/12/08 14:17:10	Isabella	2550	28	266	0
2020/12/08 14:17:10	Jackson	6064	108	137	2
2020/12/08 14:17:10	Kalamazoo	9169	172	1322	9
2020/12/08 14:17:10	Kalkaska	383	9	28	0
2020/12/08 14:17:10	Kent	35490	413	1913	13
2020/12/08 14:17:10	Keweenaw	64	1	14	1
2020/12/08 14:17:10		230	6	5	0
2020/12/08 14:17:10	Lapeer	2781	63	326	1
2020/12/08 14:17:10	Leelanau	417	3	46	0
2020/12/08 14:17:10	Lenawee	3040	36	108	2
2020/12/08 14:17:10	Livingston	6036	52	526	1

2020/12/08 14:17:10	Luce	121	0	56	0
2020/12/08 14:17:10	Mackinac	237	1	96	0
2020/12/08 14:17:10	Macomb	40942	1298	1822	58
2020/12/08 14:17:10	Manistee	437	9	21	0
2020/12/08 14:17:10	Marquette	2841	37	344	1
2020/12/08 14:17:10	Mason	670	12	52	0
2020/12/08 14:17:10	Mecosta	1349	12	57	0
2020/12/08 14:17:10	Menominee	1285	20	159	0
2020/12/08 14:17:10	Midland	2928	30	450	2
2020/12/08 14:17:10	Missaukee	320	7	22	0
2020/12/08 14:17:10	Monroe	5754	102	547	2
2020/12/08 14:17:10	Montcalm	2254	35	131	0
2020/12/08 14:17:10	Montmorency	214	2	20	0
2020/12/08 14:17:10	Muskegon	8078	203	157	1
2020/12/08 14:17:10	Newaygo	1842	22	50	1
2020/12/08 14:17:10	Oakland	46231	1377	6099	60
2020/12/08 14:17:10	Oceana	1335	29	51	0
2020/12/08 14:17:10	Ogemaw	605	18	97	1
2020/12/08 14:17:10	Ontonagon	269	14	27	1
2020/12/08 14:17:10		583	11	68	0
2020/12/08 14:17:10	Oscoda	207	10	44	0
2020/12/08 14:17:10	Otsego	758	18	99	1
2020/12/08 14:17:10	Ottawa	14932	177	856	20
2020/12/08 14:17:10	•	339	3	29	1
2020/12/08 14:17:10		685	23	94	0
2020/12/08 14:17:10	Saginaw	9632	278	422	6
2020/12/08 14:17:10		1102	26	39	1
2020/12/08 14:17:10	Schoolcraft	184	2	14	1
2020/12/08 14:17:10		2341	48	57	1
2020/12/08 14:17:10		4950	104	639	3
2020/12/08 14:17:10		2657	37	278	2
2020/12/08 14:17:10		1858	66	160	0
2020/12/08 14:17:10		3204	53	156	2
2020/12/08 14:17:10		10339	145	1028	2
2020/12/08 14:17:10	-	45603	1554	3151	65
2020/12/08 14:17:10		750	18	31	0
2020/12/08 14:17:10		16058	98	422	0
2020/12/08 14:17:10		205	5	5	0
2020/12/08 14:17:10		1156	8	37	1
2020/12/08 14:17:10		8	0	12	0
2020/12/08 14:17:10	Detroit City	22323	1619	1615	116

PUBLIC USE DATASETS Cases by Demographics Statewide

README

Includes the total number of confirmed and probable cases and confirmed and probable deaths to date by demographic characteristics

Confirmed cases only include individuals who have had a positive diagnostic laboratory test for COVID-19.

Probable cases include individuals who have symptoms consistent with COVID-19 and an epidemiologic link to a confirmed case or a positive serology (antibody) test, but do not have a positive diagnostic laboratory test for COVID-19 and individuals with a positive serology (antibody) test for COVID-19 and an epidemiologic link to a confirmed case.

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Probable deaths include individuals who have COVID indicated as a cause of death on their death certificate but have not had a positive diagnostic laboratory test. The number of probable cases can change daily based on information obtained through the health department investigation. Probable cases can be re-classified as a confirmed case or determined to not be a case.

Data is suppressed when the number of cases or deaths in a single category is between one and five to protect the confidentiality of individuals.

CASES BY DEMOGRAPHICS STATEWIDE 2020-12-08

CASE_STATUS	AgeCat	RaceCat	SEX	Cases	Deaths
Confirmed	0-9	American Indian/Alaska Native	Female	37	0
Confirmed	10-19	American Indian/Alaska Native	Female	126	0
Confirmed	20-29	American Indian/Alaska Native	Female	227	0
Confirmed	30-39	American Indian/Alaska Native	Female	179	Suppressed
Confirmed	40-49	American Indian/Alaska Native	Female	150	0
Confirmed	50-59	American Indian/Alaska Native	Female	155	0
Confirmed	60-69	American Indian/Alaska Native	Female	102	Suppressed
Confirmed	70-79	American Indian/Alaska Native	Female	62	7
Confirmed	80 +	American Indian/Alaska Native	Female	23	Suppressed
Confirmed	Unknown	American Indian/Alaska Native	Female	0	0
Confirmed	0-9	Asian/Pacific Islander	Female	90	0
Confirmed	10-19	Asian/Pacific Islander	Female	309	0
Confirmed	20-29	Asian/Pacific Islander	Female	662	0
Confirmed	30-39	Asian/Pacific Islander	Female	580	0
Confirmed	40-49	Asian/Pacific Islander	Female	524	0
Confirmed	50-59	Asian/Pacific Islander	Female	463	Suppressed
Confirmed	60-69	Asian/Pacific Islander	Female	254	Suppressed
Confirmed	70-79	Asian/Pacific Islander	Female	125	13
Confirmed	80+	Asian/Pacific Islander	Female	92	28
Confirmed	Unknown	Asian/Pacific Islander	Female	0	0
Confirmed	0-9	Black/African American	Female	458	Suppressed
Confirmed	10-19	Black/African American	Female	1334	Suppressed
Confirmed	20-29	Black/African American	Female	4171	8
Confirmed	30-39	Black/African American	Female	3850	11
Confirmed	40-49	Black/African American	Female	3489	58
Confirmed	50-59	Black/African American	Female	3302	122
Confirmed	60-69	Black/African American	Female	2889	256
Confirmed	70-79	Black/African American	Female	1809	353
Confirmed	80 +	Black/African American	Female	1325	482
Confirmed	Unknown	Black/African American	Female	10	0
Confirmed	0-9	Multiple Races	Female	274	0
Confirmed	10-19	Multiple Races	Female	1016	Suppressed
Confirmed	20-29	Multiple Races	Female	1753	0
Confirmed	30-39	Multiple Races	Female	1283	0
Confirmed	40-49	Multiple Races	Female	1369	Suppressed
Confirmed	50-59	Multiple Races	Female	1431	Suppressed
Confirmed	60-69	Multiple Races	Female	1060	7
Confirmed	70-79	Multiple Races	Female	569	21
Confirmed	80 +	Multiple Races	Female	400	43
Confirmed	Unknown	Multiple Races	Female	9	0
Confirmed	0-9	Other	Female	480	0
Confirmed	10-19	Other	Female	1403	0
Confirmed	20-29	Other	Female	2654	0
Confirmed	30-39	Other	Female	1989	Suppressed
Confirmed	40-49	Other	Female	1884	Suppressed
Confirmed	50-59	Other	Female	1435	8
Confirmed	60-69	Other	Female	901	21

Confirmed	70-79	Other	Female	494	27
Confirmed	80+	Other	Female	383	48
Confirmed	Unknown		Female	7	0
Confirmed	0-9	Unknown	Female	912	0
Confirmed	10-19	Unknown	Female	3637	0
Confirmed	20-29	Unknown	Female	8535	Suppressed
Confirmed	30-39	Unknown	Female	6752	0
Confirmed	40-49	Unknown	Female	7078	6
Confirmed	50-59	Unknown	Female	7509	12
Confirmed	60-69	Unknown	Female	4676	33
Confirmed	70-79	Unknown	Female	2229	45
Confirmed	80+	Unknown	Female	1821	118
Confirmed	Unknown	Unknown	Female	93	0
Confirmed	0-9	White	Female	2666	0
Confirmed	10-19	White	Female	11706	0
Confirmed	20-29	White	Female	22621	9
Confirmed	30-39	White	Female	15973	14
Confirmed	40-49	White	Female	16072	33
Confirmed	50-59	White	Female	17779	111
Confirmed	60-69	White	Female	14104	318
Confirmed	70-79	White	Female	9345	669
Confirmed	80+	White	Female	8375	1828
Confirmed	Unknown	White	Female	68	0
Confirmed	0-9	American Indian/Alaska Native	Male	34	0
Confirmed	10-19	American Indian/Alaska Native	Male	93	0
Confirmed	20-29	American Indian/Alaska Native	Male	163	0
Confirmed	30-39	American Indian/Alaska Native	Male	152	0
Confirmed	40-49	American Indian/Alaska Native	Male	146	0
Confirmed	50-59	American Indian/Alaska Native	Male	139	Suppressed
Confirmed	60-69	American Indian/Alaska Native	Male	110	12
Confirmed	70-79	American Indian/Alaska Native	Male	53	11
Confirmed	80+	American Indian/Alaska Native	Male	20	Suppressed
Confirmed	Unknown	American Indian/Alaska Native	Male	0	0
Confirmed	0-9	Asian/Pacific Islander	Male	111	0
Confirmed	10-19	Asian/Pacific Islander	Male	277	0
Confirmed	20-29	Asian/Pacific Islander	Male	708	0
Confirmed	30-39	Asian/Pacific Islander	Male	557	0
Confirmed	40-49	Asian/Pacific Islander	Male	460	Suppressed
Confirmed	50-59	Asian/Pacific Islander	Male	421	Suppressed
Confirmed	60-69	Asian/Pacific Islander	Male	269	 17
Confirmed	70-79	Asian/Pacific Islander	Male	121	23
Confirmed	80+	Asian/Pacific Islander	Male	71	20
Confirmed		Asian/Pacific Islander	Male	0	0
Confirmed	0-9	Black/African American	Male	488	0
Confirmed	10-19	Black/African American	Male	1245	Suppressed
Confirmed	20-29	Black/African American	Male	4238	12
Confirmed	30-39	Black/African American	Male	4378	29
Confirmed	40-49	Black/African American	Male	4147	82
Confirmed	50-59	Black/African American	Male	4087	217
Confirmed	60-69	Black/African American	Male	3262	383
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Confirmed	70-79	Black/African American	Male	1781	463
Confirmed	80+	Black/African American	Male	801	337
Confirmed	Unknown	Black/African American	Male	Suppressed	0
Confirmed	0-9	Multiple Races	Male	316	Suppressed
Confirmed	10-19	Multiple Races	Male	997	0
Confirmed	20-29	Multiple Races	Male	1433	0
Confirmed	30-39	Multiple Races	Male	1012	Suppressed
Confirmed	40-49	Multiple Races	Male	1076	Suppressed
Confirmed	50-59	Multiple Races	Male	1135	9
Confirmed	60-69	Multiple Races	Male	953	26
Confirmed	70-79	Multiple Races	Male	527	21
Confirmed	80+	Multiple Races	Male	238	32
Confirmed	Unknown	Multiple Races	Male	Suppressed	0
Confirmed	0-9	Other	Male	526	0
Confirmed	10-19	Other	Male	1392	0
Confirmed	20-29	Other	Male	2785	Suppressed
Confirmed	30-39	Other	Male	2151	Suppressed
Confirmed	40-49	Other	Male	1994	11
Confirmed	50-59	Other	Male	1664	12
Confirmed	60-69	Other	Male	965	44
Confirmed	70-79	Other	Male	485	41
Confirmed	80 +	Other	Male	210	27
Confirmed	Unknown	Other	Male	Suppressed	0
Confirmed	0-9	Unknown	Male	936	0
Confirmed	10-19	Unknown	Male	3443	0
Confirmed	20-29	Unknown	Male	8700	0
Confirmed	30-39	Unknown	Male	7173	Suppressed
Confirmed	40-49	Unknown	Male	6614	16
Confirmed	50-59	Unknown	Male	7396	19
Confirmed	60-69	Unknown	Male	4614	42
Confirmed	70-79	Unknown	Male	2003	79
Confirmed	80+	Unknown	Male	1025	90
Confirmed	Unknown	Unknown	Male	95	0
Confirmed	0-9	White	Male	2903	0
Confirmed	10-19	White	Male	10322	0
Confirmed	20-29	White	Male	18817	10
Confirmed	30-39	White	Male	14796	18
Confirmed	40-49	White	Male	14803	61
Confirmed	50-59	White	Male	17214	202
Confirmed	60-69	White	Male	14639	495
Confirmed	70-79	White	Male	9543	987
Confirmed	80+	White	Male	5630	1517
Confirmed	Unknown	White	Male	52	0
Confirmed	0-9	American Indian/Alaska Native	Unknown	0	0
Confirmed	10-19	American Indian/Alaska Native	Unknown	Suppressed	0
Confirmed	20-29	American Indian/Alaska Native	Unknown	0	0
Confirmed	30-39	American Indian/Alaska Native	Unknown	Suppressed	0
Confirmed	40-49	American Indian/Alaska Native	Unknown	0	0
Confirmed	50-59	American Indian/Alaska Native		Suppressed	0
Confirmed	60-69	American Indian/Alaska Native	Unknown	0	0
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Confirmed Confirmed	70-79 80+	American Indian/Alaska Native	Unknown Unknown	0	0
Confirmed		American Indian/Alaska Native American Indian/Alaska Native	Unknown	0	0
Confirmed	0-9	•	Unknown	0	0
Confirmed		Asian/Pacific Islander		0 Cupproceed	0
	10-19	Asian/Pacific Islander		Suppressed	0
Confirmed	20-29	Asian/Pacific Islander		Suppressed	0
Confirmed	30-39	Asian/Pacific Islander		Suppressed	0
Confirmed	40-49	Asian/Pacific Islander		Suppressed	0
Confirmed	50-59	Asian/Pacific Islander		Suppressed	0
Confirmed	60-69	Asian/Pacific Islander	Unknown	0	0
Confirmed	70-79	Asian/Pacific Islander	Unknown	0	0
Confirmed	80+	Asian/Pacific Islander	Unknown	0	0
Confirmed		Asian/Pacific Islander	Unknown	0	0
Confirmed	0-9	Black/African American		Suppressed	0
Confirmed	10-19	Black/African American	Unknown	9	0
Confirmed	20-29	Black/African American	Unknown	22	0
Confirmed	30-39	Black/African American	Unknown	16	0
Confirmed	40-49	Black/African American	Unknown	16	0
Confirmed	50-59	Black/African American	Unknown	16	0
Confirmed	60-69	Black/African American	Unknown	8	0
Confirmed	70-79	Black/African American	Unknown	Suppressed	0
Confirmed	80+	Black/African American	Unknown	Suppressed	0
Confirmed	Unknown	Black/African American	Unknown	0	0
Confirmed	0-9	Multiple Races	Unknown	Suppressed	0
Confirmed	10-19	Multiple Races	Unknown	7	0
Confirmed	20-29	Multiple Races	Unknown	15	0
Confirmed	30-39	Multiple Races	Unknown	10	0
Confirmed	40-49	Multiple Races	Unknown	11	0
Confirmed	50-59	Multiple Races	Unknown	9	0
Confirmed	60-69	Multiple Races	Unknown	6	0
Confirmed	70-79	Multiple Races	Unknown	Suppressed	0
Confirmed	80 +	Multiple Races	Unknown	Suppressed	0
Confirmed	Unknown	Multiple Races	Unknown	Suppressed	0
Confirmed	0-9	Other	Unknown	Suppressed	0
Confirmed	10-19	Other	Unknown	7	0
Confirmed	20-29	Other	Unknown	12	0
Confirmed	30-39	Other	Unknown	15	0
Confirmed	40-49	Other	Unknown	18	0
Confirmed	50-59	Other	Unknown	7	0
Confirmed	60-69	Other	Unknown	8	0
Confirmed	70-79	Other	Unknown	Suppressed	0
Confirmed	80+	Other	Unknown	Suppressed	0
Confirmed	Unknown	Other	Unknown	Suppressed	0
Confirmed	0-9	Unknown	Unknown	30	0
Confirmed	10-19	Unknown	Unknown	135	0
Confirmed	20-29	Unknown	Unknown	280	0
Confirmed	30-39	Unknown	Unknown	162	0
Confirmed	40-49	Unknown	Unknown	218	0
Confirmed	50-59	Unknown	Unknown	195	0
Confirmed	60-69	Unknown	Unknown	108	Suppressed

Confirmed	70-79	Unknown	Unknown	44	Suppressed
Confirmed	80 +	Unknown	Unknown	52	Suppressed
Confirmed	Unknown	Unknown	Unknown	19	0
Confirmed	0-9	White	Unknown	6	0
Confirmed	10-19	White	Unknown	58	0
Confirmed	20-29	White	Unknown	74	0
Confirmed	30-39	White	Unknown	49	0
Confirmed	40-49	White	Unknown	39	0
Confirmed	50-59	White	Unknown	32	0
Confirmed	60-69	White	Unknown	44	0
Confirmed	70-79	White	Unknown	19	0
Confirmed	80 +	White	Unknown	12	0
Confirmed	Unknown	White	Unknown	Suppressed	0
Probable	0-9	American Indian/Alaska Native	Female	12	0
Probable	10-19	American Indian/Alaska Native	Female	21	0
Probable	20-29	American Indian/Alaska Native	Female	29	0
Probable	30-39	American Indian/Alaska Native	Female	17	0
Probable	40-49	American Indian/Alaska Native	Female	18	0
Probable	50-59	American Indian/Alaska Native	Female	15	0
Probable	60-69	American Indian/Alaska Native	Female	12	0
Probable	70-79	American Indian/Alaska Native	Female	Suppressed	0
Probable	80 +	American Indian/Alaska Native	Female	Suppressed	0
Probable	Unknown	American Indian/Alaska Native	Female	Suppressed	0
Probable	0-9	Asian/Pacific Islander	Female	12	0
Probable	10-19	Asian/Pacific Islander	Female	24	0
Probable	20-29	Asian/Pacific Islander	Female	48	0
Probable	30-39	Asian/Pacific Islander	Female	27	0
Probable	40-49	Asian/Pacific Islander	Female	22	0
Probable	50-59	Asian/Pacific Islander	Female	25	0
Probable	60-69	Asian/Pacific Islander	Female	11	Suppressed
Probable	70-79	Asian/Pacific Islander	Female	6	0
Probable	80+	Asian/Pacific Islander	Female	Suppressed	0
Probable	Unknown	Asian/Pacific Islander	Female	Suppressed	0
Probable	0-9	Black/African American	Female	49	0
Probable	10-19	Black/African American	Female	85	0
Probable	20-29	Black/African American	Female	207	0
Probable	30-39	Black/African American	Female	174	0
Probable	40-49	Black/African American	Female	179	Suppressed
Probable	50-59	Black/African American	Female	190	8
Probable	60-69	Black/African American	Female	145	12
Probable	70-79	Black/African American	Female	62	13
Probable	80+	Black/African American	Female	43	25
Probable		Black/African American	Female	14	0
Probable	0-9	Multiple Races	Female	44	0
Probable	10-19	Multiple Races	Female	86	0
Probable	20-29	Multiple Races	Female	109	0
Probable	30-39	Multiple Races	Female	62	0
Probable	40-49	Multiple Races	Female	83	0
Probable	50-59	Multiple Races	Female	76	0
Probable	60-69	Multiple Races	Female	57	0

Probable	70-79	Multiple Races	Female	24	0
Probable	80+	Multiple Races	Female	16	Suppressed
Probable	Unknown	Multiple Races	Female	23	0
Probable	0-9	Other	Female	46	0
Probable	10-19	Other	Female	98	0
Probable	20-29	Other	Female	125	0
Probable	30-39	Other	Female	91	0
Probable	40-49	Other	Female	100	0
Probable	50-59	Other	Female	54	Suppressed
Probable	60-69	Other	Female	31	Suppressed
Probable	70-79	Other	Female	18	0
Probable	80+	Other	Female	6	0
Probable	Unknown	Other	Female	9	0
Probable	0-9	Unknown	Female	134	0
Probable	10-19	Unknown	Female	518	0
Probable	20-29	Unknown	Female	1048	0
Probable	30-39	Unknown	Female	699	0
Probable	40-49	Unknown	Female	782	Suppressed
Probable	50-59	Unknown	Female	813	Suppressed
Probable	60-69	Unknown	Female	588	Suppressed
Probable	70-79	Unknown	Female	225	0
Probable	80+	Unknown	Female	158	9
Probable	Unknown	Unknown	Female	671	0
Probable	0-9	White	Female	492	0
Probable	10-19	White	Female	1160	0
Probable	20-29	White	Female	1478	0
Probable	30-39	White	Female	1004	0
Probable	40-49	White	Female	1108	Suppressed
Probable	50-59	White	Female	1118	9
Probable	60-69	White	Female	760	19
Probable	70-79	White	Female	428	30
Probable	80+	White	Female	514	93
Probable	Unknown		Female	197	0
Probable	0-9	American Indian/Alaska Native	Male	10	0
Probable	10-19	American Indian/Alaska Native	Male	26	0
Probable	20-29	American Indian/Alaska Native	Male	28	0
Probable	30-39	American Indian/Alaska Native	Male	18	0
Probable	40-49	American Indian/Alaska Native	Male	19	0
Probable	50-59	American Indian/Alaska Native	Male	18	0
Probable	60-69	American Indian/Alaska Native	Male	9	Suppressed
Probable	70-79	American Indian/Alaska Native	Male	Suppressed	
Probable	80+	American Indian/Alaska Native	Male		Suppressed
Probable		American Indian/Alaska Native	Male	Suppressed	0
Probable	0-9	Asian/Pacific Islander	Male	19	0
Probable	10-19	Asian/Pacific Islander	Male	19	0
Probable	20-29	Asian/Pacific Islander	Male	41	0
Probable	30-39	Asian/Pacific Islander	Male	36	0
Probable	40-49	Asian/Pacific Islander	Male	17	0
Probable	50-59	Asian/Pacific Islander	Male	17	Suppressed
Probable	60-69	Asian/Pacific Islander	Male	6	0
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Probable	70-79	Asian/Pacific Islander	Male	Suppressed	Supproceed
Probable	70-7 3 80+	Asian/Pacific Islander	Male	Suppressed	
Probable		Asian/Pacific Islander	Male	Suppressed	0
Probable	0-9	Black/African American	Male	49	0
Probable	10-19	Black/African American	Male	88	0
Probable	20-29	Black/African American	Male	181	0
Probable	30-39	Black/African American	Male	172	0
Probable	40-49	Black/African American	Male	149	8
Probable	50-59	Black/African American	Male	168	8
Probable	60-69	Black/African American	Male	130	22
Probable	70-79	Black/African American	Male	59	27
Probable	80+	Black/African American	Male	25	15
Probable		Black/African American	Male	23 7	0
Probable	0-9	-	Male	, 47	0
Probable	10-19	Multiple Races	Male	90	0
Probable	20-29	Multiple Races Multiple Races	Male	102	0
Probable	30-39		Male	57	0
Probable	40-49	Multiple Races Multiple Races	Male	75	Suppressed
Probable	50-59	•	Male	73 61	0
Probable	60-69	Multiple Races Multiple Races	Male	43	0
Probable	70-79	Multiple Races	Male	43 19	0
Probable	70-7 3 80+	Multiple Races	Male	6	-
Probable	Unknown		Male	32	Suppressed 0
Probable	0-9	Other	Male	36	0
Probable	10-19	Other	Male	94	0
Probable	20-29	Other	Male	94 119	0
Probable	30-39	Other	Male	105	0
Probable	40-49	Other	Male	103	0
Probable	50-59	Other	Male	59	0
Probable	60-69	Other	Male	34	Suppressed
Probable	70-79	Other	Male	12	Suppressed
Probable	70-7 3 80+	Other	Male	Suppressed	0
Probable	Unknown		Male	8	0
Probable	0-9	Unknown	Male	o 159	0
		Unknown	Male		0
Probable Probable	10-19 20-29	Unknown	Male	521 907	0
Probable	30-39	Unknown	Male	713	Suppressed
Probable	40-49	Unknown	Male	619	Suppressed
Probable	50-59	Unknown	Male	672	0
Probable	60-69	Unknown	Male	421	Suppressed
Probable	70-79	Unknown	Male	181	6
Probable	80+	Unknown	Male	94	13
Probable		Unknown	Male	530	0
Probable	0-9	White	Male	486	0
Probable	10-19	White	Male	1007	0
Probable	20-29	White	Male	1258	Suppressed
Probable	30-39	White	Male	841	Suppressed
Probable	40-49	White	Male	871	Suppressed
Probable	50-59	White	Male	913	10
Probable	60-69	White	Male	677	25
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Probable	70-79	White	Male	385	32
Probable	80+	White	Male	287	59
Probable	Unknown	White	Male	155	0
Probable	0-9	American Indian/Alaska Native	Unknown	0	0
Probable	10-19	American Indian/Alaska Native	Unknown	0	0
Probable	20-29	American Indian/Alaska Native	Unknown	Suppressed	0
Probable	30-39	American Indian/Alaska Native	Unknown	0	0
Probable	40-49	American Indian/Alaska Native	Unknown	0	0
Probable	50-59	American Indian/Alaska Native	Unknown	0	0
Probable	60-69	American Indian/Alaska Native	Unknown	0	0
Probable	70-79	American Indian/Alaska Native	Unknown	0	0
Probable	+08	American Indian/Alaska Native	Unknown	0	0
Probable	Unknown	American Indian/Alaska Native	Unknown	0	0
Probable	0-9	Asian/Pacific Islander	Unknown	0	0
Probable	10-19	Asian/Pacific Islander	Unknown	0	0
Probable	20-29	Asian/Pacific Islander	Unknown	Suppressed	0
Probable	30-39	Asian/Pacific Islander	Unknown	Suppressed	0
Probable	40-49	Asian/Pacific Islander	Unknown	Suppressed	0
Probable	50-59	Asian/Pacific Islander	Unknown	0	0
Probable	60-69	Asian/Pacific Islander	Unknown	0	0
Probable	70-79	Asian/Pacific Islander	Unknown	0	0
Probable	80+	Asian/Pacific Islander	Unknown	0	0
Probable	Unknown	Asian/Pacific Islander	Unknown	0	0
Probable	0-9	Black/African American	Unknown	0	0
Probable	10-19	Black/African American	Unknown	0	0
Probable	20-29	Black/African American	Unknown	Suppressed	0
Probable	30-39	Black/African American	Unknown	Suppressed	0
Probable	40-49	Black/African American	Unknown	Suppressed	0
Probable	50-59	Black/African American	Unknown	Suppressed	0
Probable	60-69	Black/African American	Unknown	Suppressed	0
Probable	70-79	Black/African American	Unknown	Suppressed	0
Probable	80+	Black/African American	Unknown	0	0
Probable	Unknown	Black/African American	Unknown	Suppressed	0
Probable	0-9	Multiple Races	Unknown	Suppressed	0
Probable	10-19	Multiple Races	Unknown	Suppressed	0
Probable	20-29	Multiple Races	Unknown	9	0
Probable	30-39	Multiple Races	Unknown	Suppressed	0
Probable	40-49	Multiple Races	Unknown	0	0
Probable	50-59	Multiple Races	Unknown	Suppressed	0
Probable	60-69	Multiple Races	Unknown	Suppressed	0
Probable	70-79	Multiple Races	Unknown	0	0
Probable	80+	Multiple Races	Unknown	0	0
Probable	Unknown	Multiple Races	Unknown	7	0
Probable	0-9	Other	Unknown	Suppressed	0
Probable	10-19	Other	Unknown	Suppressed	0
Probable	20-29	Other	Unknown	Suppressed	0
Probable	30-39	Other	Unknown	Suppressed	0
Probable	40-49	Other	Unknown	Suppressed	0
Probable	50-59	Other	Unknown	Suppressed	0
Probable	60-69	Other	Unknown	Suppressed	0

Probable	70-79	Other	Unknown	0	0
Probable	80 +	Other	Unknown	0	0
Probable	Unknown	Other	Unknown	0	0
Probable	0-9	Unknown	Unknown	38	0
Probable	10-19	Unknown	Unknown	95	0
Probable	20-29	Unknown	Unknown	208	0
Probable	30-39	Unknown	Unknown	164	0
Probable	40-49	Unknown	Unknown	183	0
Probable	50-59	Unknown	Unknown	169	0
Probable	60-69	Unknown	Unknown	108	0
Probable	70-79	Unknown	Unknown	54	Suppressed
Probable	80 +	Unknown	Unknown	15	0
Probable	Unknown	Unknown	Unknown	928	0
Probable	0-9	White	Unknown	12	0
Probable	10-19	White	Unknown	25	0
Probable	20-29	White	Unknown	14	0
Probable	30-39	White	Unknown	7	0
Probable	40-49	White	Unknown	17	0
Probable	50-59	White	Unknown	20	0
Probable	60-69	White	Unknown	Suppressed	0
Probable	70-79	White	Unknown	Suppressed	0
Probable	80+	White	Unknown	Suppressed	0
Probable	Unknown	White	Unknown	17	0

PUBLIC USE DATASETS COVID-19 Tests by County

README

Data includes tests by type (diagnostic, serology or total combined) by county.

Diagnostic tests are used to find current infection and look for genes or proteins from the severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2), the virus that causes COVID-19. Theses tests, which are performed as nasal swabs, include: Nucleic acid amplification test/real-time polymerase chain reaction (NAAT/RT-PCR) test and rapid virus antigen detection point of care (POC) tests.

Serology tests are used to look for the possibility of previous infection. Serology tests look for antibodies to SARS-CoV-2 in the blood. There are currently two types of serology tests: the enzyme-linked immunosorbent assay (ELISA) test and the rapid antibody detection POC test. Serology tests do not diagnose disease and do not guarantee immunity, but might provide information about previous infection.

Correctional includes state and federal prisons and county and city detection facilities. Testing data represents total tests performed, not individuals tested. A single indivdual may have more than one test completed.

NOTE: DATASET UPLOADED ON 2020-12-08 WAS BLANK

PUBLIC USE DATASETS Diagnostic Tests by Result and County

README

Data include diagnostic tests for COVID-19 by date and county.

Diagnostic tests are used to find current infection and look for genes or proteins from the severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2), the virus that causes COVID-19. Theses tests, which are performed as nasal swabs, include: Nucleic acid amplification test/real-time polymerase chain reaction (NAAT/RT-PCR) test and rapid virus antigen detection point of care (POC) tests.

Correctional includes state and federal prisons and county and city detection facilities. Testing data represents total tests performed, not individuals tested. A single individual may have more than one test completed.

The total number of positive tests may exceed the number of confirmed cases due to 1) a single individual may have more than one test performed; 2) MDHHS may receive data on positive tests in advance of a local health department classifying an individual as a confirmed or probable case, and 3) although efforts have been made to deduplicate testing data, some duplication may occur.

NOTE: DATASET UPLOADED ON 2020-12-08 WAS BLANK