



Coronavirus Disease 2019 (COVID-19)

Updated October 20, 2020

The national Centers for Disease Control and Prevention (CDC) and the Mississippi State Department of Health continue to closely monitor the outbreak of respiratory illnesses caused by the novel (new) coronavirus COVID-19, and are working to limit the spread of cases nationally and in Mississippi.

Mississippi Coronavirus Hotline (7 days a week, 7 a.m.-7 p.m.): **877-978-6453**

General Information

- ▶ [COVID-19 and You: Video Q & A with State Health Officer Dr. Thomas Dobbs](#)
- ▶ [COVID-19 overview, questions and answers](#)
- ▶ [Guidance, prevention and testing](#)
- ▶ [Handouts: Basic disease prevention, handwashing and more](#)
- ▶ [ASL, Spanish and Vietnamese materials](#)

Home isolation is mandatory if you have tested positive for COVID-19 by [order of the State Health Officer](#). (If you are awaiting results of routine testing *not* related to exposure, you may [return to work](#) and follow the safety guidance of your employer.) If you have been in contact with someone who has COVID-19, quarantine is also important to protect others. [Find out more »](#)

Professionals

Guidance and more →

- ▶ MSDH guidance
- ▶ Electronic reporting
- ▶ Specimens
- ▶ Lab dropoff
- ▶ CDC guidance
- ▶ MS-HAN Alerts

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Current Cases and Statistics

County and state data →

- ▶ Today's update
- ▶ County data reports
- ▶ State data charts
- ▶ Schools and LTC facilities
- ▶ Lab testing
- ▶ Recoveries

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Guidance, Testing and Prevention

Personal and community →

- ▶ Getting tested
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- ▶ Gatherings and events
- ▶ Business and community
- ▶ School guidelines
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COVID-19 in Mississippi

New Cases and Deaths as of October 19

NEW CASES

730

New COVID-19 positive test results reported to MSDH as of 6 p.m. yesterday.

NEW DEATHS

31

New COVID-19 related deaths reported to MSDH as of 6 p.m. yesterday. Twenty-two deaths occurred between August 6 and October 18 in the counties below.

County	Total
Attala	1
Bolivar	1
Chickasaw	1
Clarke	1
Grenada	1
Harrison	2
Hinds	1
Jackson	3
Jasper	1
Leflore	1
Lincoln	1
Noxubee	1
Panola	1
Pearl River	2
Pike	1
Tippah	1
Tishomingo	1
Warren	1

9 COVID-19 related deaths occurred between September 18 and October 10, identified from a death certificate report.

County	Total
Adams	1
Bolivar	1
De Soto	1
Greene	1
Hinds	1
Lauderdale	1
Leake	1

County	Total
Madison	1
Simpson	1

LTC OUTBREAKS

127

Current outbreaks in long-term care facilities only. (See [LTC facility outbreak definition.](#))

About our case counts: We currently update our case totals each day based on test results from the previous day. Outside laboratories also report positive test results to us, which are included in our totals. Repeated tests for the same individual are counted only once. County case numbers and deaths may change as investigation finds new or additional information.

County COVID-19 Data

Race and Ethnicity

- ▶ [Total COVID-19 cases and deaths by county, race and ethnicity](#) PDF
Current and past data tables, updated daily

Data Snapshots for Individual Counties

- ▶ [Weekly COVID-19 snapshots for each Mississippi county](#)

High Cases and Incidence

- ▶ [Mississippi counties ranked by weekly cases and incidence](#)

Cumulative Cases and Deaths by County

Totals of all reported COVID-19 cases for 2020, including those in long-term care (LTC) facilities.

The numbers in this table are provisional. County case numbers and deaths may change as investigation finds new or additional information. The data provided below is the most current available.

County	Total Cases	Total Deaths	Total LTC Facility Cases	Total LTC Facility Deaths
Adams	1043	43	59	13
Alcorn	960	12	18	2
Amite	417	13	15	2
Attala	776	26	90	20
Benton	315	4	14	0
Total	111,322	3,202	6,538	1,289

County	Total Cases	Total Deaths	Total LTC Facility Cases	Total LTC Facility Deaths
Bolivar	1983	77	217	30
Calhoun	614	12	25	4
Carroll	463	12	45	9
Chickasaw	826	25	44	13
Choctaw	203	6	1	0
Claiborne	532	16	43	9
Clarke	723	49	93	26
Clay	676	21	19	3
Coahoma	1234	36	87	6
Copiah	1350	36	71	7
Covington	925	25	35	10
De Soto	6701	78	80	16
Forrest	2963	77	176	41
Franklin	237	3	4	1
George	939	17	36	6
Greene	455	18	40	6
Grenada	1200	38	113	21
Hancock	781	27	41	6
Harrison	4844	83	255	32
Hinds	7796	173	463	76
Holmes	1135	60	101	20
Humphreys	412	16	21	6
Issaquena	106	3	0	0
Itawamba	1104	24	87	17
Jackson	4350	81	87	8
Jasper	674	17	1	0
Jefferson	270	10	13	3
Jefferson Davis	398	11	5	1
Jones	2837	82	185	38
Kemper	320	15	41	9
Lafayette	2426	42	123	28
Lamar	2171	38	39	11
Lauderdale	2376	131	261	74
Total	111,322	3,202	6,538	1,289

County	Total Cases	Total Deaths	Total LTC Facility Cases	Total LTC Facility Deaths
Lawrence	499	14	26	2
Leake	1133	40	40	6
Lee	3449	79	180	37
Leflore	1607	87	193	47
Lincoln	1355	55	158	33
Lowndes	1749	62	100	33
Madison	3739	93	238	45
Marion	929	42	92	14
Marshall	1348	26	44	10
Monroe	1459	72	170	52
Montgomery	529	23	52	9
Neshoba	1814	111	130	39
Newton	844	27	38	9
Noxubee	596	17	20	4
Oktibbeha	1958	54	193	31
Panola	1663	37	53	7
Pearl River	1089	58	94	22
Perry	481	22	20	7
Pike	1372	56	97	27
Pontotoc	1438	19	16	2
Prentiss	1026	19	48	3
Quitman	414	6	0	0
Rankin	3837	86	173	23
Scott	1238	29	21	3
Sharkey	278	14	43	8
Simpson	1186	49	117	19
Smith	583	16	54	8
Stone	450	14	55	9
Sunflower	1576	49	83	14
Tallahatchie	818	25	29	7
Tate	1132	39	51	13
Tippah	859	21	60	0
Tishomingo	793	41	96	26
Total	111,322	3,202	6,538	1,289

County	Total Cases	Total Deaths	Total LTC Facility Cases	Total LTC Facility Deaths
Tunica	522	17	15	2
Union	1152	25	46	11
Walthall	633	27	67	13
Warren	1527	55	122	26
Washington	2521	97	159	38
Wayne	987	21	59	10
Webster	366	13	52	11
Wilkinson	330	20	20	5
Winston	822	21	42	11
Yalobusha	493	14	40	7
Yazoo	1193	33	84	12
Total	111,322	3,202	6,538	1,289

Case Classifications

Mississippi investigates and reports both probable and confirmed cases and deaths according to the [CSTE case definition](#).

	Confirmed	Probable	Total
Cases	99,451	11,871	111,322
Deaths	2,903	299	3,202

Confirmed cases and deaths are generally determined by positive PCR tests, which detect the presence of ongoing coronavirus infection.

Probable cases are those who test positive by other testing methods such as antibody or antigen, and have recent symptoms consistent with COVID-19, indicating a recent infection.

Probable deaths are those individuals with a designation of COVID-19 as a cause of death on the death certificate, but where no confirmatory testing was performed.

Deaths from COVID-19 and Other Causes

This table of death counts compares COVID-19 deaths in Mississippi by week with deaths from other major causes, including contributing and underlying causes.

- ▶ [Mississippi Provisional Death Counts by Week](#)
Updated weekly

K-12 School Report

Mississippi K-12 schools make weekly reports of cases among students, teachers and staff, number of outbreaks, and teachers and students under quarantine as a result of COVID-19 exposure. An outbreak in a school setting is defined as 3 or more individuals diagnosed with COVID-19 in the same group within a 14-day period.

Note: These cases have been directly reported to MSDH by each school, and may not yet have appeared in our state and

county totals of cases reported by laboratories.

- ▶ [K-12 reports of COVID-19 school cases, outbreaks and exposure](#)
Updated weekly

Long-Term Care Facility Cases and Outbreaks

Long-term care (LTC) facilities like nursing homes are considered high risk locations because their residents are older or in poor health. A single confirmed COVID-19 infection in an LTC facility resident, or more than one infection in employees or staff in a 14-day period constitutes an outbreak. Residential care facilities also represent group living facilities where COVID-19 can be easily spread. We investigate residents, staff and close contacts of infected individuals for possible exposure.

These outbreak figures are reported directly to MSDH by the facility. Many of the cases and deaths reported by facilities may not yet be included in our totals of lab-reported cases.

- ▶ [Mississippi COVID-19 cases and deaths in long-term care facilities](#) PDF
Long-term care facilities include nursing homes, personal care homes, assisted living homes, and intermediate care facilities for individuals with intellectual disability (ICF-IID)
- ▶ [Mississippi COVID-19 cases and deaths in residential care facilities](#) PDF
Residential care facilities include psychiatric or chemical dependency residential treatment centers and long-term acute care facilities.

Ongoing Outbreaks in Nursing Homes

Because nursing homes report COVID-19 data directly to the Centers for Medicare and Medicaid (CMS), we have replaced our usual long-term care facility report with the most recent CMS nursing home data, avoiding duplicate reporting requirements for these facilities.

Data such as illness in residents and staff, deaths in residents, as well as a number of other data elements are now publicly available on the CMS website. MSDH is providing the following links to view this data, which is reported directly by the Nursing Homes and is updated daily.

Note: Cases and deaths listed on the CMS website may not have appeared yet in our county totals, which are based on reports from testing laboratories.

- ▶ [Search for nursing home COVID-19 data](#)
- ▶ [About the CMS COVID-19 dataset](#)
- ▶ [CMS state and national COVID-19 nursing home data](#)

Mississippi COVID-19 Data Charts and Map

All data reports below are updated as they become available.

Hospitalizations and Bed Availability

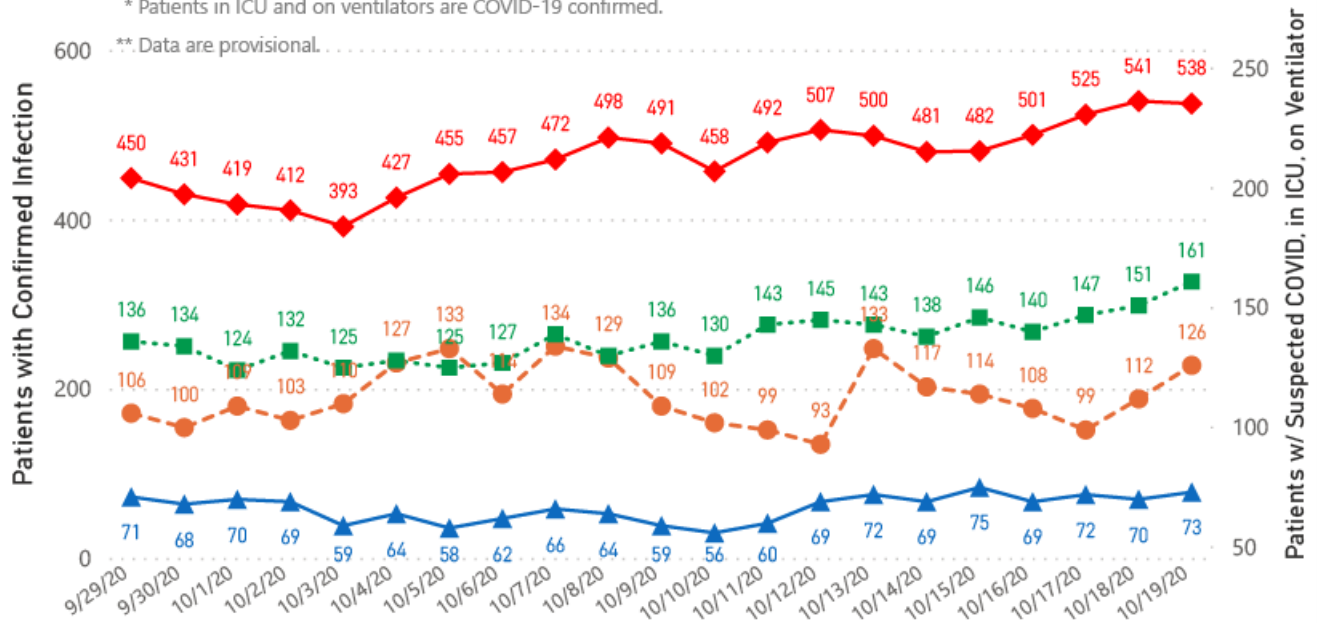
- ▶ [Interactive chart of hospitalizations by date](#)
- ▶ [Interactive chart of local and state hospital bed availability](#)

COVID-19 Hospitalizations Reported by MS Hospitals, 9/29/20-10/19/20 *,**

◆ Patients with Confirmed Infection ● Patients with Suspected Infection ■ Patients in an ICU ▲ Patients on Ventilators

* Patients in ICU and on ventilators are COVID-19 confirmed.

** Data are provisional.



Daily Statewide Data Charts

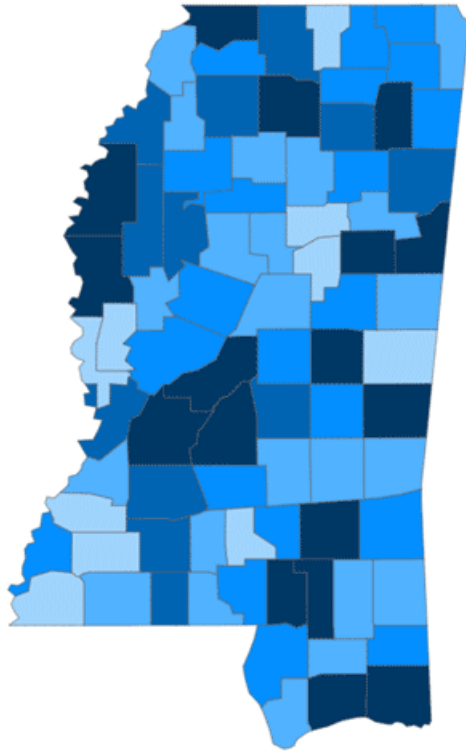
Our state case map and other data charts are also available in interactive form.

- ▶ [View interactive map](#)
- ▶ [View interactive epidemiological trend and syndromic surveillance](#)

The charts below are based on available data at the time of publication. Charts do **not** include cases where insufficient details of the case are known.

Mississippi COVID-19
Cases and Deaths by Race with Ethnicity
as of 6 pm CT, October 19, 2020

Total Cases
111,322



● 1 to 400 ● 401 to 800 ● 801 to 1200 ● 1201 to 1700 ● >1700

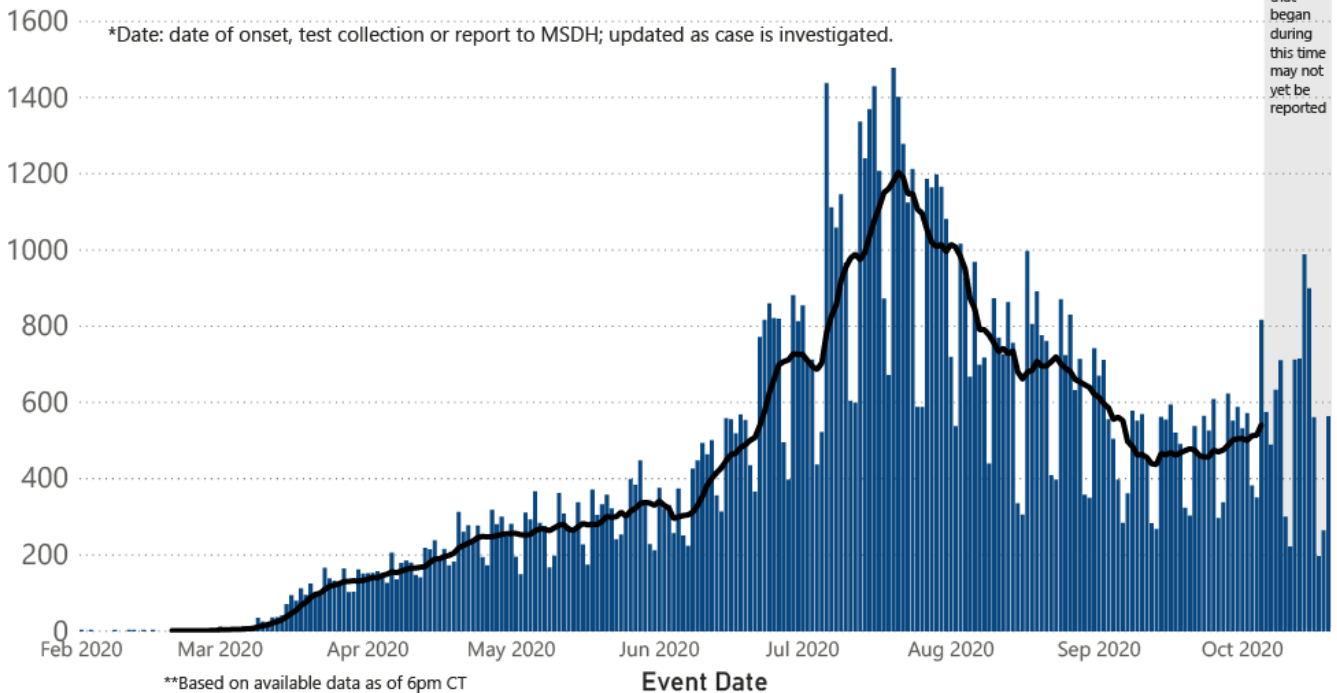
	American Indian or Alaska Native	Asian	Black	White	Other	Unknown
Non Hispanic	544	315	33,863	32,897	1,264	503
Hispanic	25	13	153	958	1,854	171
Unknown Ethnicity	798	97	8,239	9,186	4,879	15,560

Total Deaths
3,202

	American Indian or Alaska Native	Asian	Black	White	Other	Unknown
Non Hispanic	67	3	1,308	1,283	16	3
Hispanic	1	0	7	19	14	1
Unknown Ethnicity	21	5	154	198	26	76

COVID-19 Cases by Date* through October 19, 2020**, Mississippi

● Cases — 7 Day Average

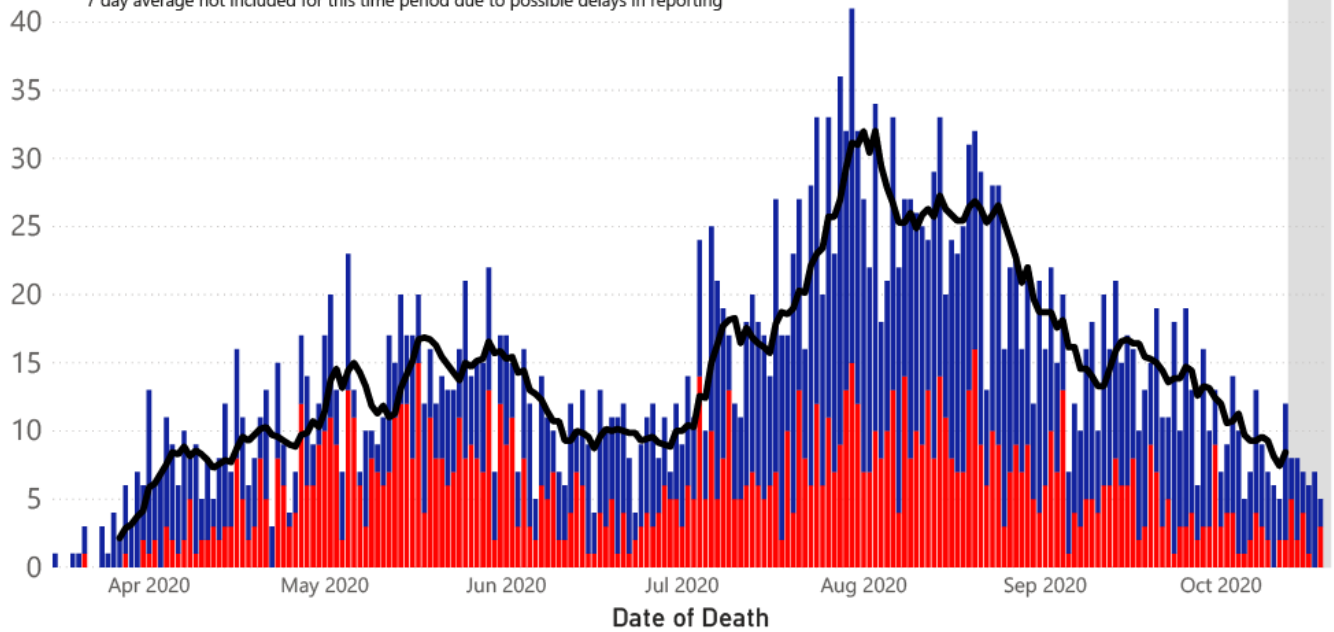


Note: Values up to two weeks in the past on the chart of Cases by Date above can change as we update it with new information from disease investigation.

COVID-19 LTCF* and Non-LTCF Deaths by Date of Death through October 19, 2020**, Mississippi

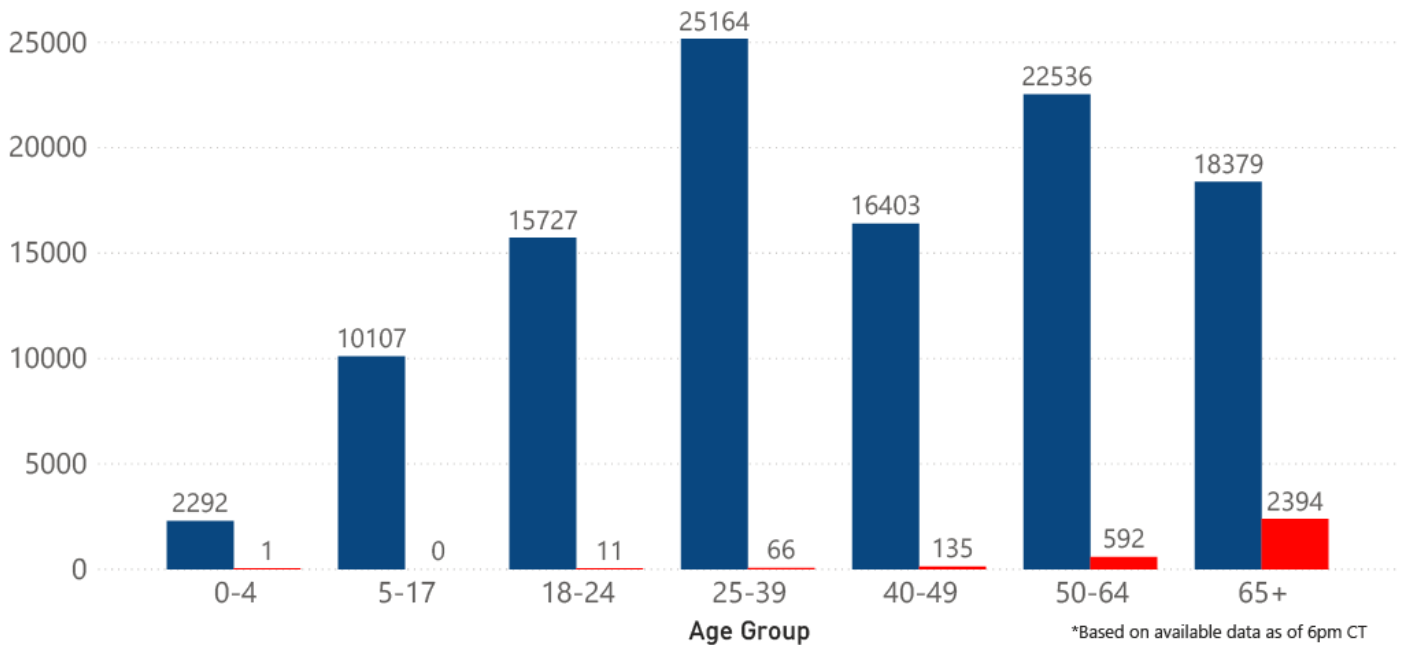
● Resident of LTCF Deaths ● Non-Resident of LTCF Deaths — 7 Day Average

45 *LTCF is Long Term Care Facility and includes Nursing Homes, ICF-IID, Assisted Living, and Personal Care Homes
 **based on available data as of 6pm CT
 ***7 day average not included for this time period due to possible delays in reporting

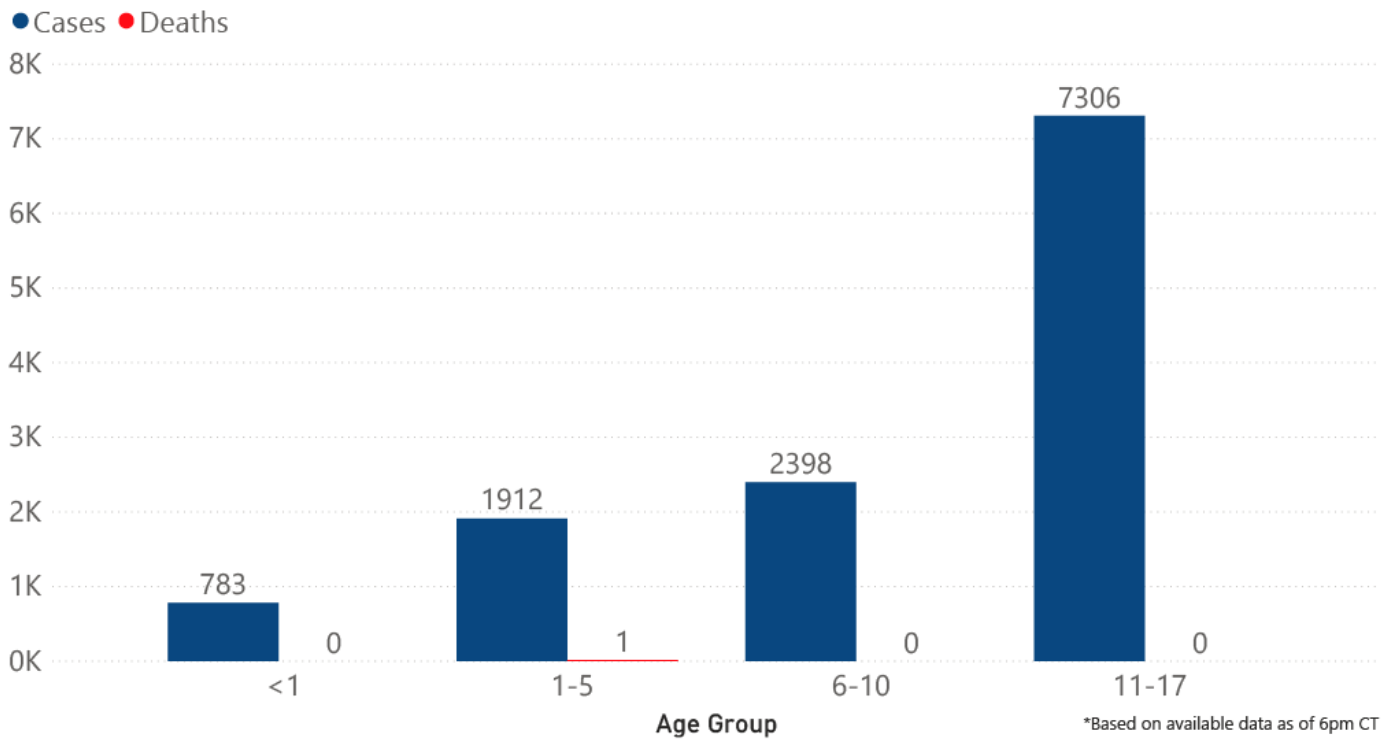


COVID-19 Cases and Deaths by Age Group through October 19, 2020*, Mississippi

● Cases ● Deaths



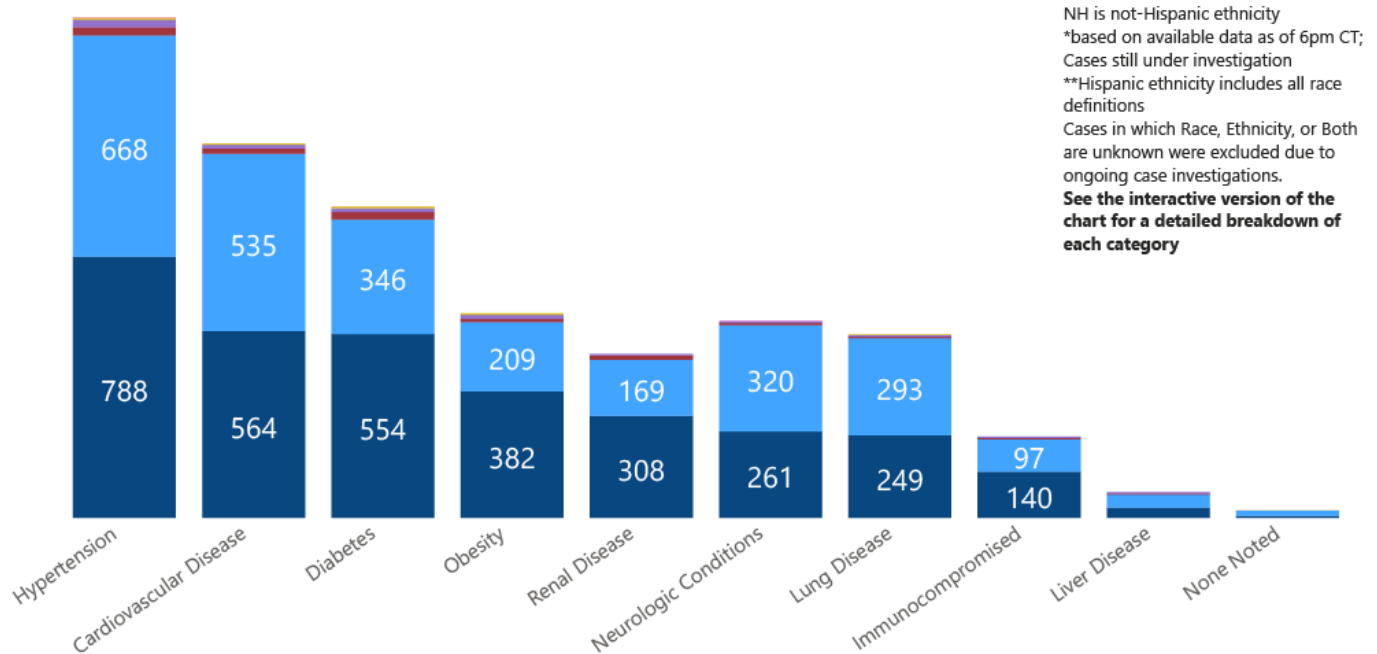
COVID-19 Pediatric Cases and Deaths by Age Group through October 19, 2020*, Mississippi



Weekly Statewide Data Summaries

COVID-19 Underlying Conditions in Deaths by Race/Ethnicity through October 18, 2020*, Mississippi

Race/Ethnicity ● Black (NH) ● White (NH) ● American Indian or Alaska Native (NH) ● Hispanic** ● Other (NH) ● Asian (NH)



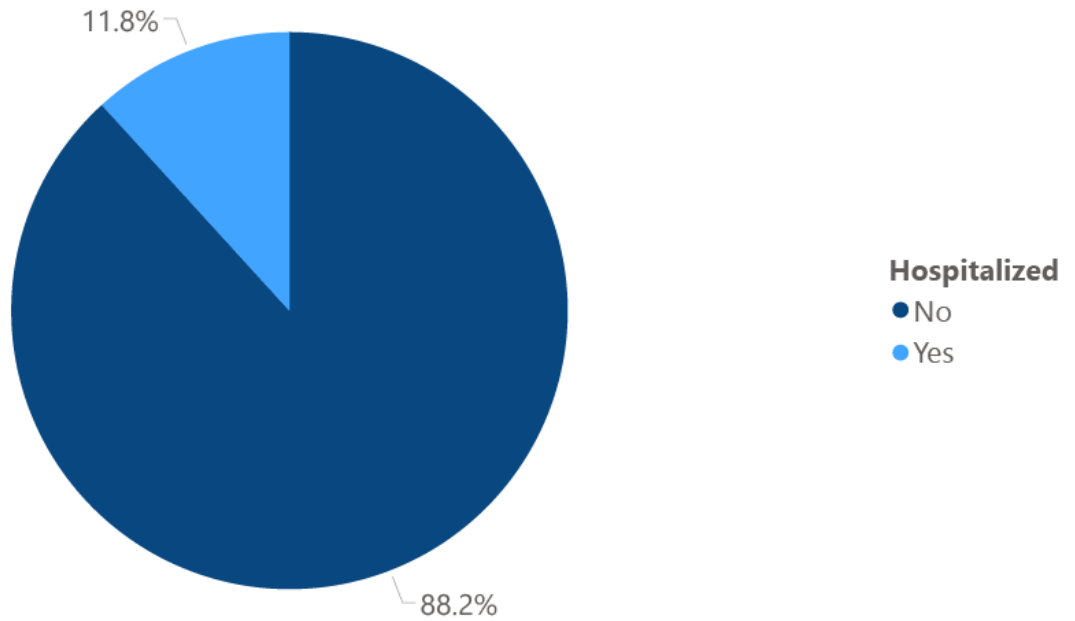
COVID-19 Deaths by Race/Ethnicity through October 18, 2020*, Mississippi



COVID-19 Hospitalized Cases by Age through October 18, 2020*, Mississippi

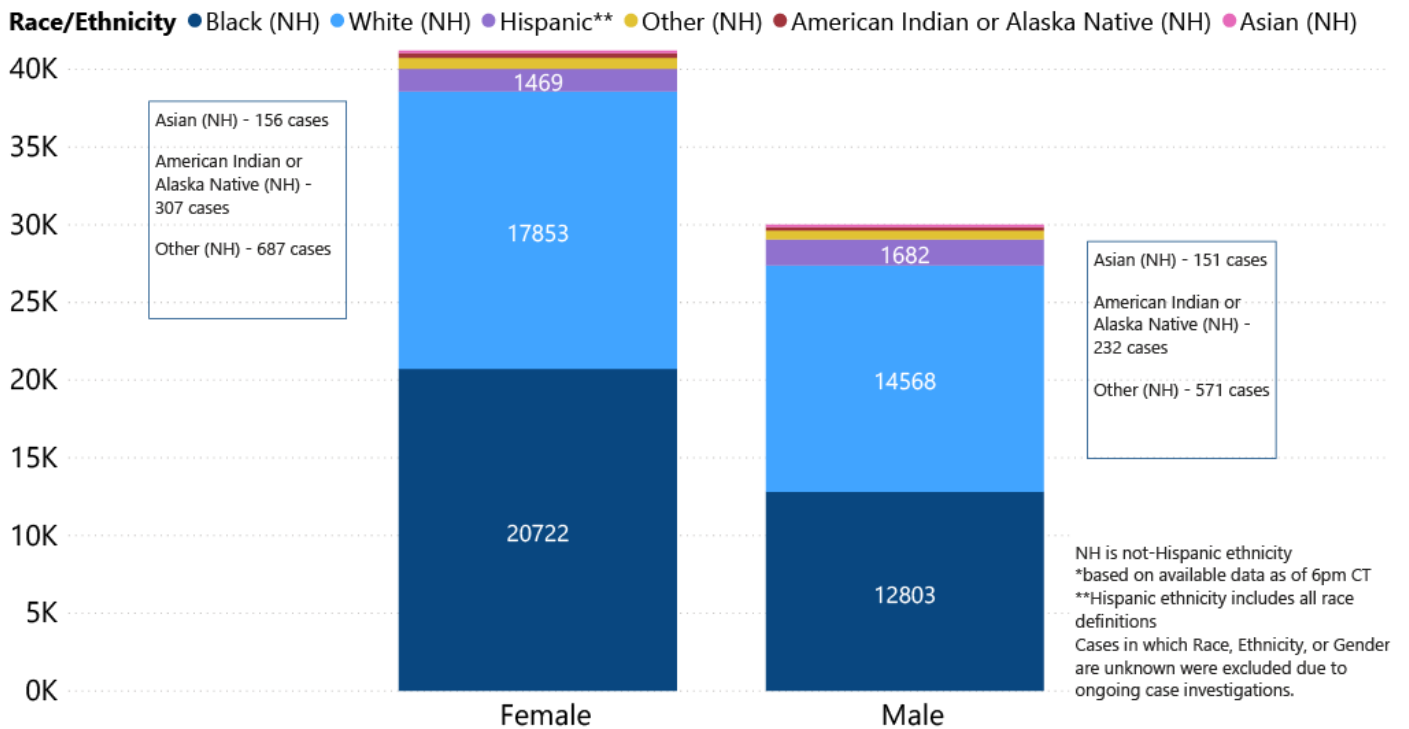


COVID-19 Cumulative Hospitalizations- Investigated Cases October 18, 2020 *



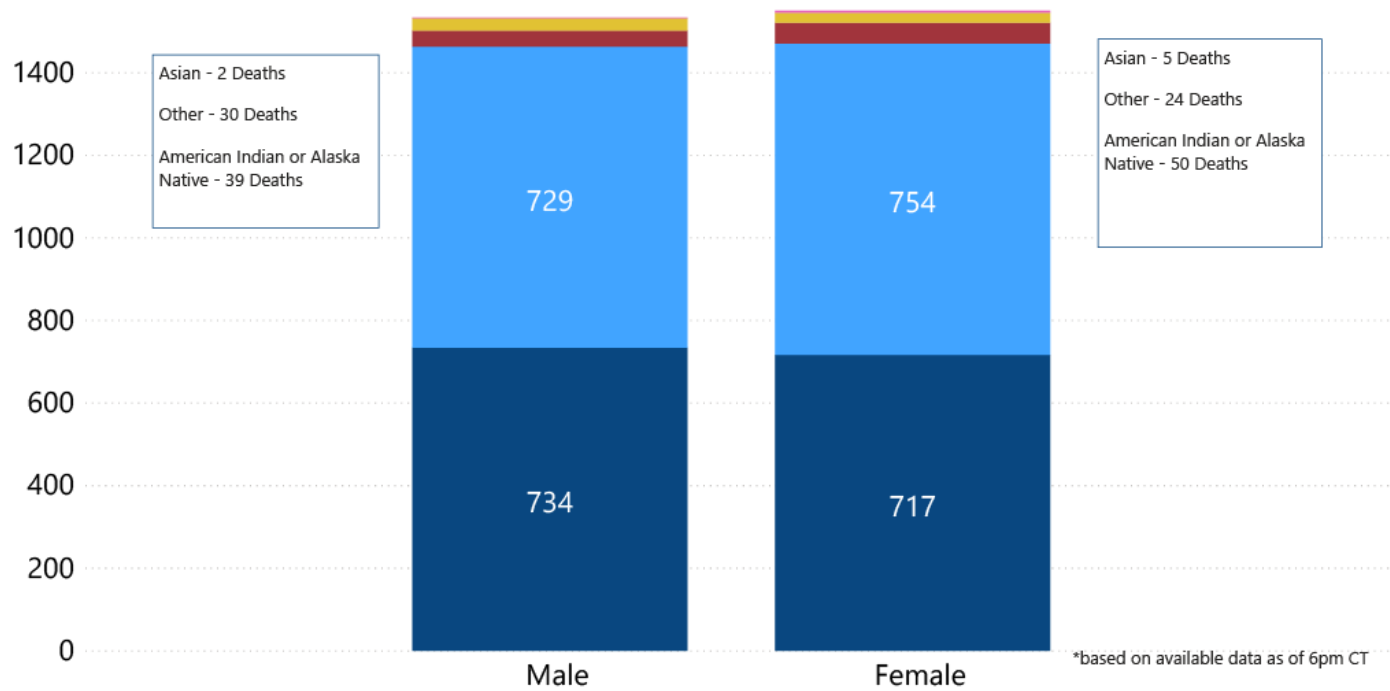
* Cases in which hospitalization is unknown were excluded due to ongoing case investigations; based on available data as of 6 pm CT

COVID-19 Cases by Race/Ethnicity and Gender through October 18, 2020*, Mississippi

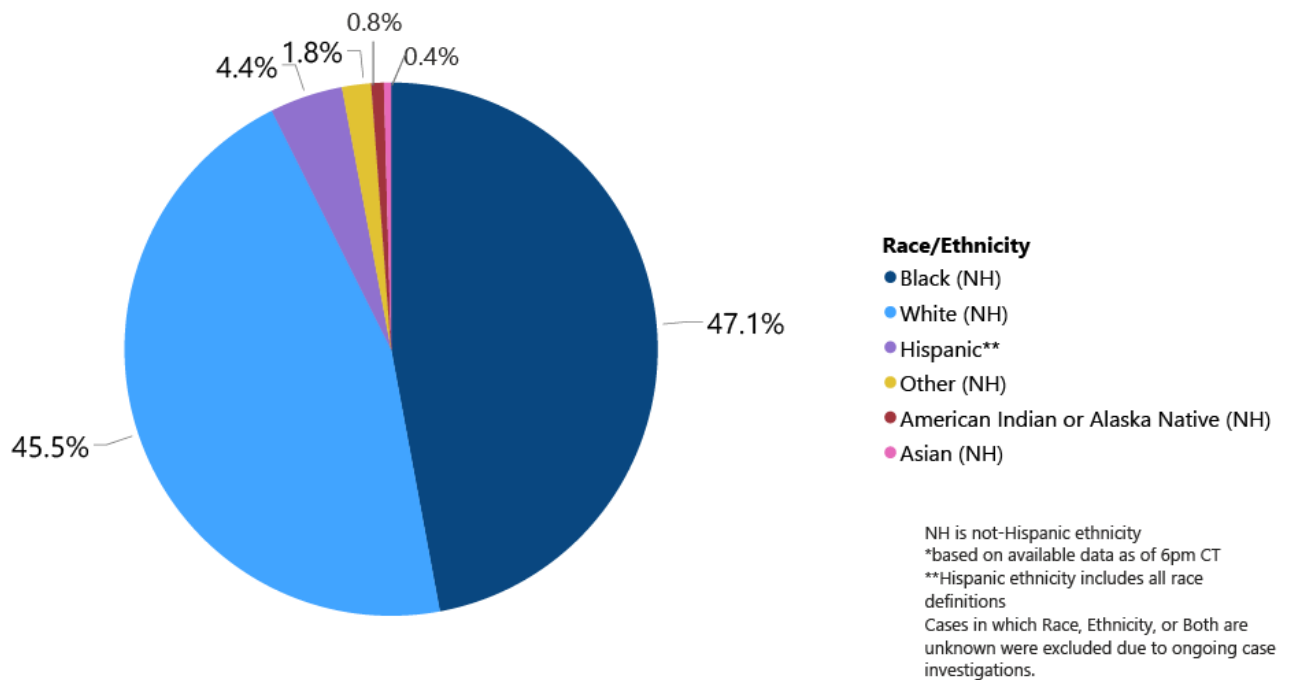


COVID-19 Deaths by Race and Gender through October 18, 2020*, Mississippi

Race ● Black ● White ● American Indian or Alaska Native ● Other ● Asian



COVID-19 Cases by Race/Ethnicity through October 18, 2020*, Mississippi



COVID-19 Cases by Gender through October 18, 2020*, Mississippi



*Based on available data as of 6pm CT

Weekly Pediatric MIS-C Cases and Deaths

[Multisystem inflammatory syndrome in children \(MIS-C\)](#) is a rare but serious condition associated with COVID-19 that causes inflammation in many body parts, including the heart and other vital organs.

MIS-C* Cases and Deaths by Age Group through October 18, 2020, Mississippi

● MIS-C Cases ● MIS-C Deaths



Weekly High Case and High Incidence Counties

Tracking counties with recent high numbers of COVID-19 cases, adjusted for population, provides insight on where local outbreaks are most serious, and where protective measures should be increased. For more accurate reporting, these weekly charts include sample collection dates only up to seven days in the past to allow for case investigation and delays in lab test reports.

Cases counts in these charts is based on the date of illness onset. If the date of illness is not known, the date the test sample was taken, or the date of test result reporting is used instead. Counts are adjusted as cases are investigated.

Counties are ranked by highest weekly case counts, and by weekly incidence (cases proportional to population). A separate table ranking all counties is also available. **All tables updated weekly.**

► [Full tables of counties ranked by weekly incidence and cases](#) PDF

COVID-19 High Incidence MS Counties Over 2 Week Period (September 28- October 11, 2020*)					
County	Cases (September 28-October 11)	Cases per 100,000 (September 28-October 11)	Cases to Date (through October 11)	Cases per 100,000 Total	Percent Change
ITAWAMBA	171	731.1	1028	4395.0	20%
NESHOBA	153	525.4	1755	6027.2	10%
CLAIBORNE	46	511.8	525	5841.1	10%
CHICKASAW	87	508.7	779	4554.8	13%
BENTON	37	448.0	278	3366.0	15%
LEAKE	99	434.5	1070	4695.9	10%
LINCOLN	144	421.6	1284	3759.6	13%
LAMAR	264	416.8	2046	3230.0	15%
LEE	353	413.2	3227	3777.1	12%
LEFLORE	109	386.8	1547	5489.1	8%
FORREST	285	380.5	2862	3821.2	11%
CLARKE	58	373.2	676	4349.8	9%

*based on available data as of 6pm CT
 Cases based on test date. Cases without test date excluded due to ongoing investigations.
 Table will be updated weekly. A one week lag is used for reporting.

COVID-19 High Case MS Counties Over 2 Week Period (September 28-October 11, 2020*)

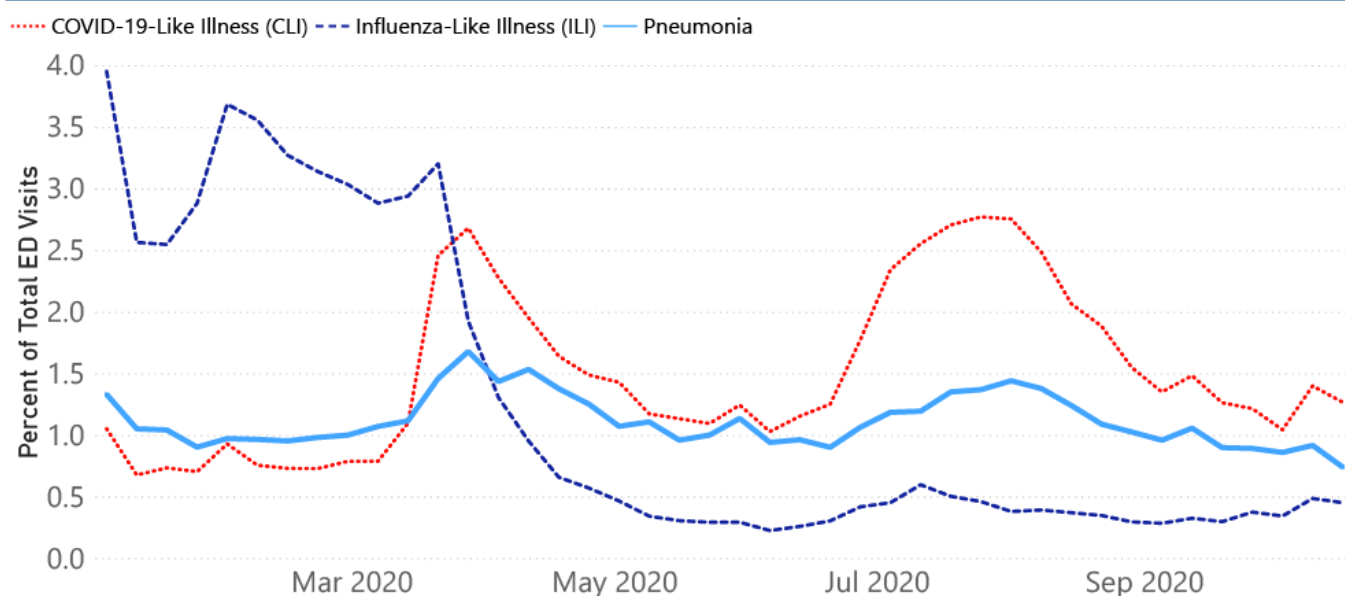
County	Cases (September 28-October 11)	Cases per 100,000 (September 28-October 11)	Cases to Date (through October 11)	Cases per 100,000 Total	Percent Change
DESOTO	471	254.7	6227	3366.9	8%
HARRISON	411	197.5	4479	2152.5	10%
JACKSON	359	250.0	4110	2861.8	10%
LEE	353	413.2	3227	3777.1	12%
HINDS	301	129.8	7539	3251.8	4%
FORREST	285	380.5	2862	3821.2	11%
LAMAR	264	416.8	2046	3230.0	15%
RANKIN	246	158.4	3644	2346.9	7%
JONES	191	280.5	2744	4029.5	7%
MADISON	179	168.4	3553	3343.3	5%
ITAWAMBA	171	731.1	1028	4395.0	20%
NESHOBA	153	525.4	1755	6027.2	10%

*based on available data as of 6pm CT
 Cases based on test date. Cases without test date excluded due to ongoing investigations.
 Table will be updated weekly. A one week lag is used for reporting.

Syndromic Surveillance

Emergency department visits by those with symptoms characteristic of COVID-19, influenza and pneumonia, updated weekly.

Percentage of Emergency Department and Clinic visits for CLI, ILI, and Pneumonia Cases Weekly Statewide Summary, January 4, 2020 - October 17, 2020



*The graph represents syndromic surveillance data from emergency department visits, reported electronically by hospitals throughout the state, that are consistent with COVID-19-Like Illness (CLI), Influenza-Like Illness (ILI), and Pneumonia. Based on available data as of 6pm CT. Graph will be updated weekly.

Estimated Recoveries

Presumed COVID-19 cases recovered, estimated weekly (does not include cases still under investigation).

COVID-19 Presumed Recovered Cases through October 18, 2020, Mississippi

97,675

Presumed Recovered*

*Reflects Provisional Estimates. Presumed Recovered if:

- 1) It has been 14 days or more since the case tested positive, if they were not hospitalized
- 2) It has been 21 days or more since the case tested positive, if they were hospitalized or hospitalization was unknown.

All deaths excluded. Presumed recovered counts will be updated weekly.

U.S. and World Cases

- ▶ [COVID-19 cases in the United States \(CDC\)](#)
- ▶ [U.S. COVID-19 Tracker \(CDC\)](#)
- ▶ [COVID-19 Global Case Map \(Johns Hopkins University\)](#)

COVID-19 Testing

Statewide Combined Testing as of October 10

Note: The date of this testing summary has been corrected from October 15 to October 10.

This update includes tests made as early as June 30, 2020. As laboratories improve their reporting, they are providing more older data to MSDH.

COVID-19 testing providers around the state include commercial laboratories as well as hospital labs. Combined with testing done by the MSDH Public Health Laboratory, the figures provide a complete picture of all Mississippi testing. **Updated weekly.**

PCR testing detects current, active COVID-19 infection in an individual.

Antibody (serology) testing identifies individuals with past COVID-19 infection based on antibodies they develop one to three weeks after infection.

Antigen testing is another way to identify current COVID-19 infection.

	Total tests	PCR	Antibody	Antigen
MSDH Public Health Laboratory	112,969	111,729	1,240	0
Other testing providers	828,563	715,768	39,813	72,982
Total tests for COVID-19 statewide	941,532	827,497	41,053	72,982

MSDH Individuals Tested as of October 19

MSDH Public Health Laboratory (MPHL) testing totals as of 3 p.m. These totals are for tests performed at the MPHL only.

- Total individuals tested by the MPHL: **83,185**
- Total positive individuals from MPHL tests: **9,078**

Getting Tested for COVID-19

The MSDH Public Health Laboratory, its partners, and private providers are testing statewide for COVID-19.

Anyone with symptoms of fever, severe cough or severe chest pains – especially those who are older or in poor health – should make arrangements for testing with their doctor or one of the many healthcare providers now performing testing. Healthcare providers can assess your health history and symptoms, and perform testing for COVID-19 as needed. MSDH is also helping conduct free drive-up testing sites in many parts of the state. **Always call ahead to the testing provider for instructions on safely being examined before you visit for your test.**

- ▶ [Find a COVID-19 testing provider near you](#)

Prevention and Guidance for Individuals and the Community

- ▶ [Preventive steps to take, recommendations, guidance and general information on COVID-19](#)

Subscribe to our free newsletter and health alerts:



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Related resources

- ▶ [IT IS REAL: COVID-19 as Told by Survivors](#)
- ▶ [Local COVID-19 Testing Providers](#)
- ▶ [COVID-19 Guidance and Prevention for Individuals and the Community](#)
Updated October 1, 2020

More topics

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- ▶ [Interactive Map and Charts](#)
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Over 65?

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