Coronavirus Disease 2019 (COVID-19)

Updated October 22, 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** »

Healthcare

Professionals

▸ MSDH guidance

▸ Electronic reporting

▸ Specimens

▸ Lab dropoff

▸ CDC guidance

▸ MS-HAN Alerts

ALL HEALTHCARE

Current Cases and Statistics

▸ Today's update

▸ County data reports

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ALL STATISTICS

Guidance, Testing and Prevention

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ALL GUIDANCE

COVID-19 in Mississippi

New Cases and Deaths as of October 21

NEW CASES

958

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

NEW DEATHS

8

New COVID-19 related deaths reported to MSDH as of 6 p.m. yesterday. Eight deaths occurred between October 18 and October 21 in the counties below.

County	Total
Benton	1
Chickasaw	1
Covington	1
Desoto	1
Jackson	1
Lafayette	1
Lincoln	1
Marshall	1

LTC OUTBREAKS

126

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	**1067**	43	64	13
Alcorn	**981**	12	18	2
Amite	**421**	13	15	2
Attala	**789**	26	90	20
Benton	**325**	5	15	1
Bolivar	**2001**	77	218	30
Calhoun	**619**	12	25	4
Carroll	**476**	12	45	9
Chickasaw	**836**	26	46	14
Choctaw	**204**	6	1	0
Claiborne	**533**	16	43	9
Clarke	**734**	50	93	27
Clay	**683**	21	19	3
Coahoma	**1247**	36	87	6
Copiah	**1362**	36	71	7
Covington	**953**	26	47	10
De Soto	**6857**	79	80	16
Forrest	**2995**	78	176	41
Franklin	**237**	3	4	1
George	**977**	18	36	6
Greene	**469**	18	40	6
Grenada	**1211**	38	113	21
Hancock	**798**	27	44	6
Harrison	**5050**	83	257	32
Total	**113,081**	**3,231**	**6,634**	**1,298**

County	Total Cases	Total Deaths	Total LTC Facility Cases	Total LTC Facility Deaths
Hinds	**7850**	176	464	78
Holmes	**1141**	60	102	20
Humphreys	**426**	16	21	6
Issaquena	**107**	4	0	0
Itawamba	**1121**	25	87	17
Jackson	**4450**	84	101	8
Jasper	**677**	17	1	0
Jefferson	**274**	10	13	3
Jefferson Davis	**400**	11	7	1
Jones	**2877**	84	185	38
Kemper	**320**	15	41	9
Lafayette	**2459**	43	124	29
Lamar	**2212**	38	40	11
Lauderdale	**2418**	134	261	74
Lawrence	**507**	14	26	2
Leake	**1143**	40	42	6
Lee	**3507**	79	180	37
Leflore	**1651**	87	193	47
Lincoln	**1385**	57	162	35
Lowndes	**1763**	62	102	33
Madison	**3779**	93	238	45
Marion	**935**	42	92	14
Marshall	**1392**	27	48	11
Monroe	**1473**	72	170	52
Montgomery	**535**	23	52	9
Neshoba	**1831**	111	130	39
Newton	**852**	27	39	9
Noxubee	**596**	17	20	4
Oktibbeha	**1993**	54	193	31
Panola	**1690**	38	60	7
Pearl River	**1122**	59	94	22
Perry	**486**	23	20	7
Pike	**1377**	56	97	27
Total	**113,081**	**3,231**	**6,634**	**1,298**

County	Total Cases	Total Deaths	Total LTC Facility Cases	Total LTC Facility Deaths
Pontotoc	**1458**	19	17	2
Prentiss	**1037**	19	48	3
Quitman	**419**	6	0	0
Rankin	**3881**	86	175	23
Scott	**1247**	29	21	3
Sharkey	**280**	14	43	8
Simpson	**1204**	49	117	19
Smith	**589**	16	54	8
Stone	**462**	14	55	9
Sunflower	**1597**	49	83	14
Tallahatchie	**830**	25	29	7
Tate	**1149**	39	52	13
Tippah	**881**	21	60	0
Tishomingo	**800**	41	96	26
Tunica	**528**	17	15	2
Union	**1165**	25	46	11
Walthall	**636**	27	67	13
Warren	**1536**	55	123	26
Washington	**2551**	99	166	38
Wayne	**998**	21	59	10
Webster	**370**	13	52	11
Wilkinson	**335**	20	20	5
Winston	**828**	21	42	11
Yalobusha	**519**	14	53	7
Yazoo	**1207**	33	89	12
Total	**113,081**	**3,231**	**6,634**	**1,298**

Case Classifications

Mississippi investigates and reports both probable and confirmed cases and deaths according to the CSTE case definition.

	Confirmed	**Probable**	**Total**
Cases	100,465	12,616	**113,081**
Deaths	2,926	305	**3,231**

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, 10/1/20–10/21/20 *,**
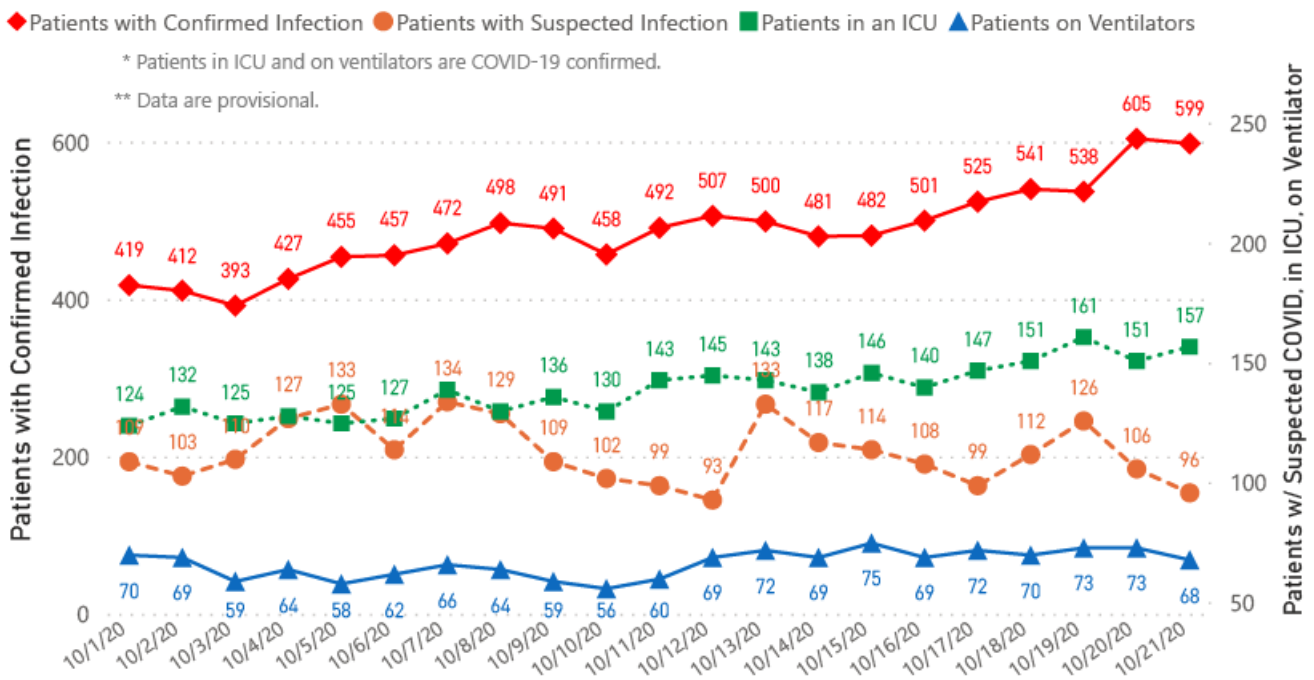
Daily Statewide Data Charts

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 21, 2020
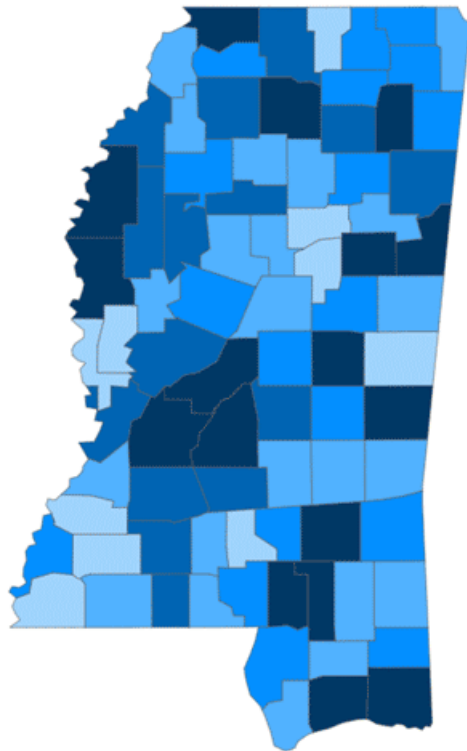
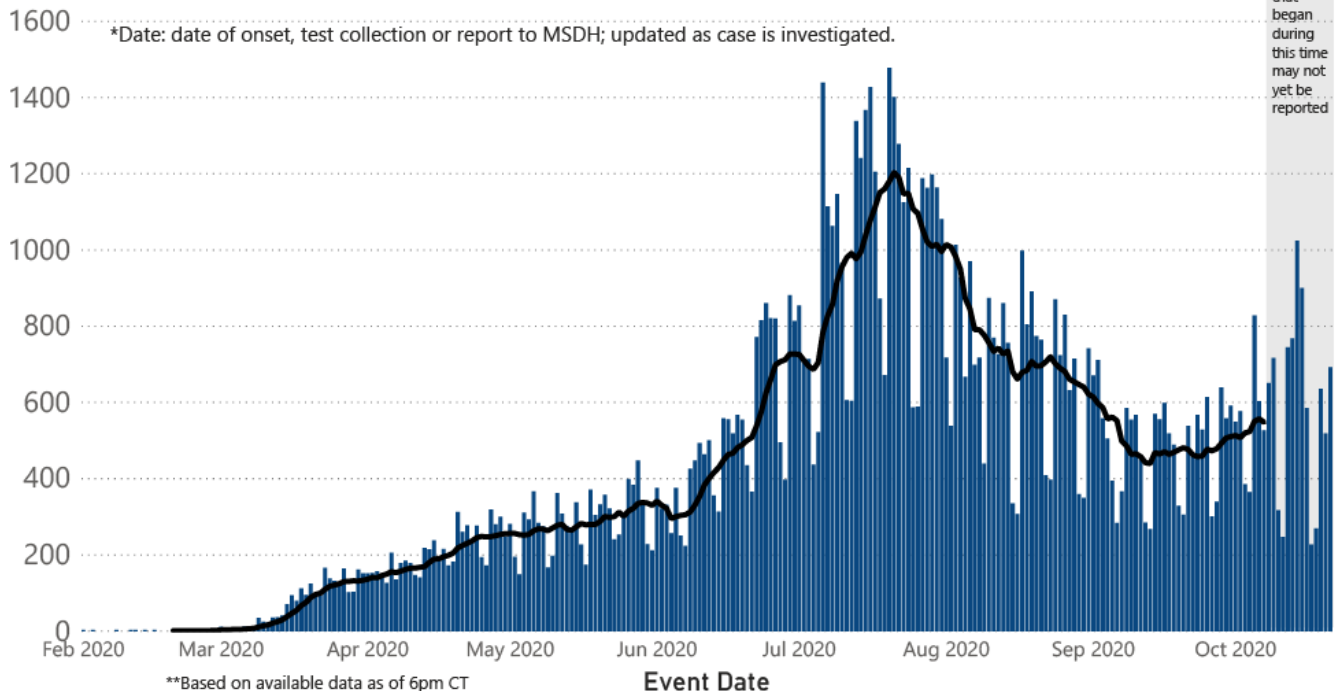Legend: ● 1 to 400 ● 401 to 800 ● 801 to 1200 ● 1201 to 1700 ● >1700

Total Cases
113,081

	American Indian or Alaska Native	Asian	Black	White	Other	Unknown
Non Hispanic	520	327	34,280	33,726	1,309	513
Hispanic	18	13	160	967	1,876	174
Unknown Ethnicity	792	96	8,319	9,324	4,900	15,767

Total Deaths
3,231

	American Indian or Alaska Native	Asian	Black	White	Other	Unknown
Non Hispanic	65	3	1,314	1,291	18	3
Hispanic	1	0	7	19	14	1
Unknown Ethnicity	20	5	161	206	27	76

COVID-19 Cases by Date* through October 21, 2020**, Mississippi

● Cases — 7 Day Average

*Date: date of onset, test collection or report to MSDH; updated as case is investigated.

|--------| Illnesses that began during this time may not yet be reported

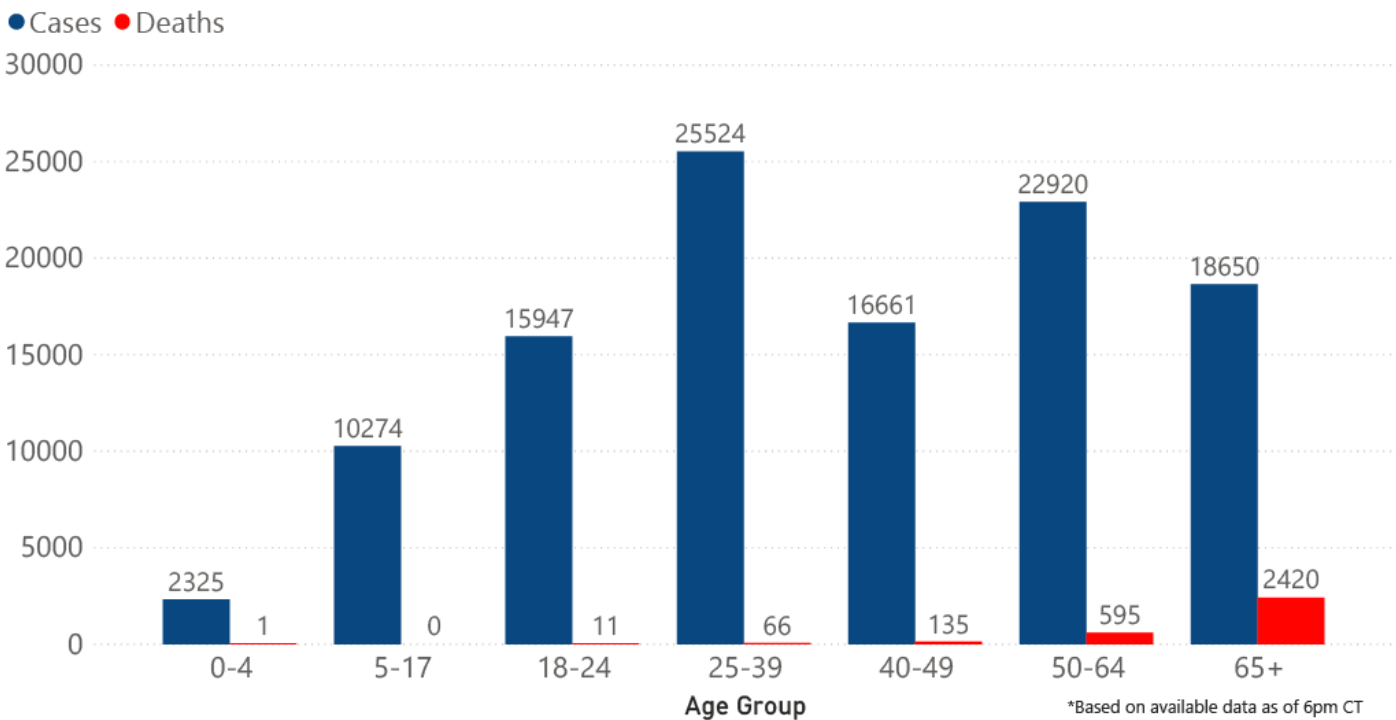**Based on available data as of 6pm CT

Event Date

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.
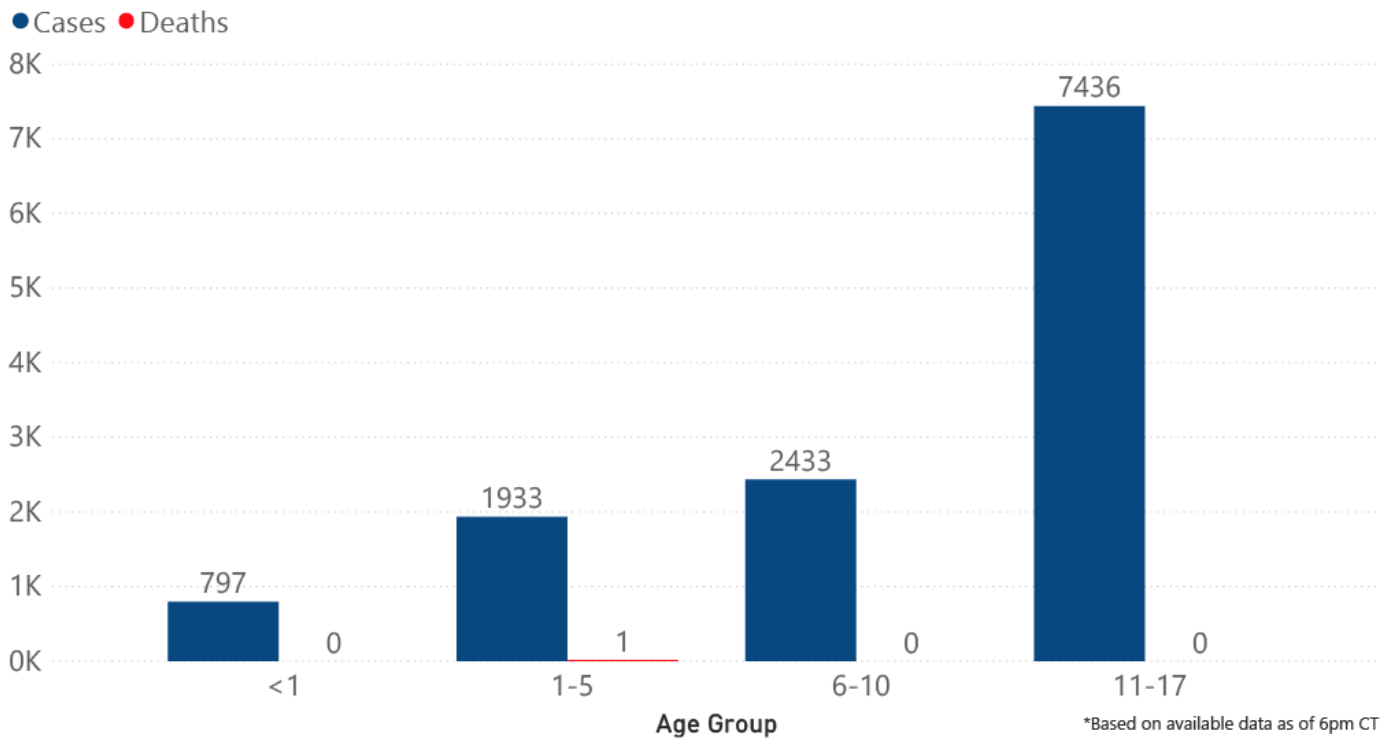
COVID-19 LTCF* and Non-LTCF Deaths by Date of Death through October 21, 2020**, Mississippi
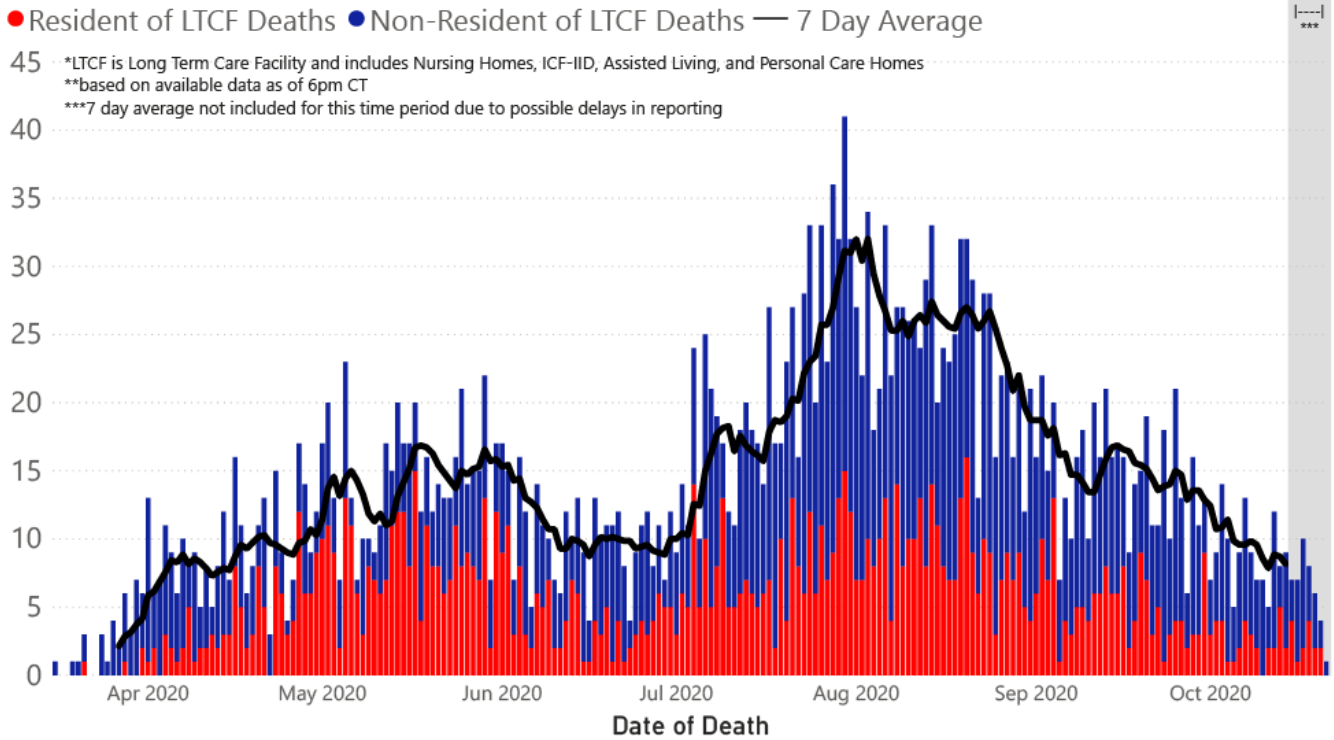
● Resident of LTCF Deaths ● Non-Resident of LTCF Deaths ── 7 Day Average

*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

Date of Death

COVID-19 Cases and Deaths by Age Group through October 21, 2020*, Mississippi

● Cases ● Deaths

Age Group

*Based on available data as of 6pm CT

COVID-19 Pediatric Cases and Deaths by Age Group through October 21, 2020*, Mississippi

● Cases ● Deaths

Age Group	Cases	Deaths
<1	797	0
1-5	1933	1
6-10	2433	0
11-17	7436	0

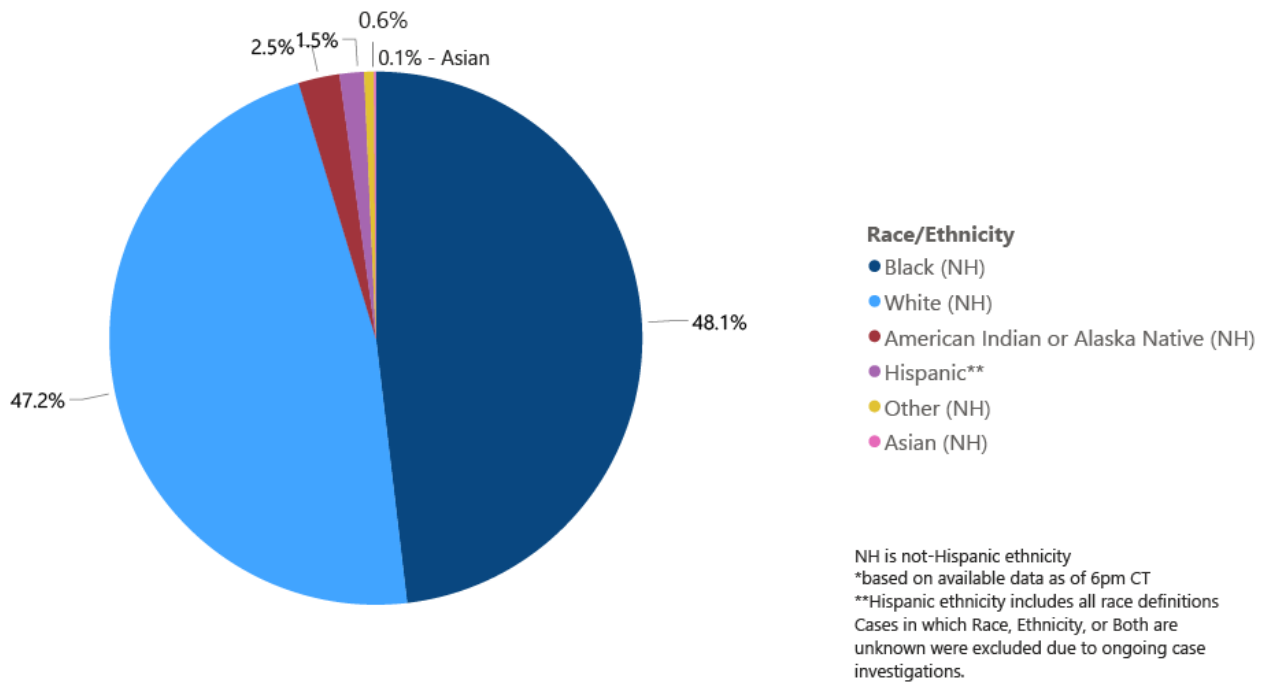*Based on available data as of 6pm CT

Weekly Statewide Data Summaries

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

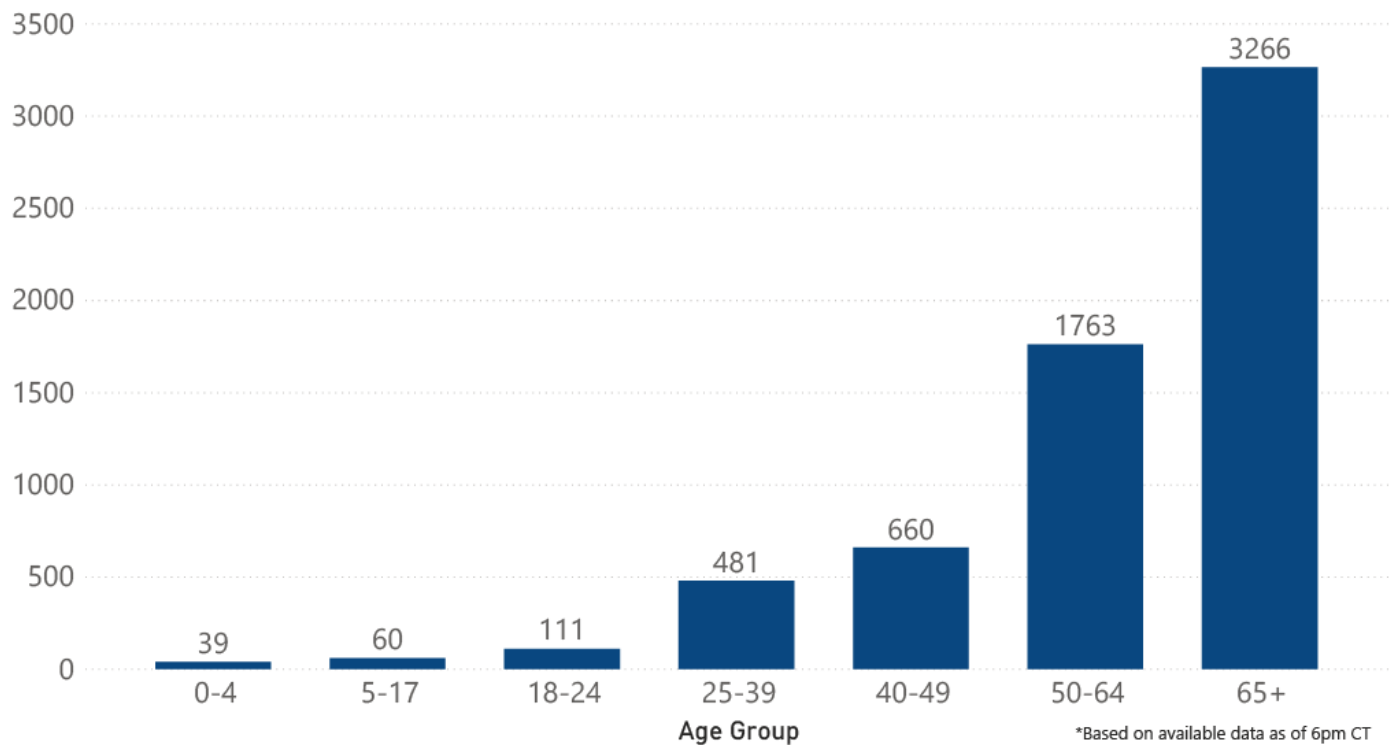Race/Ethnicity ● Black (NH) ● White (NH) ● American Indian or Alaska Native (NH) ● Hispanic** ● Other (NH) ● Asian (NH)
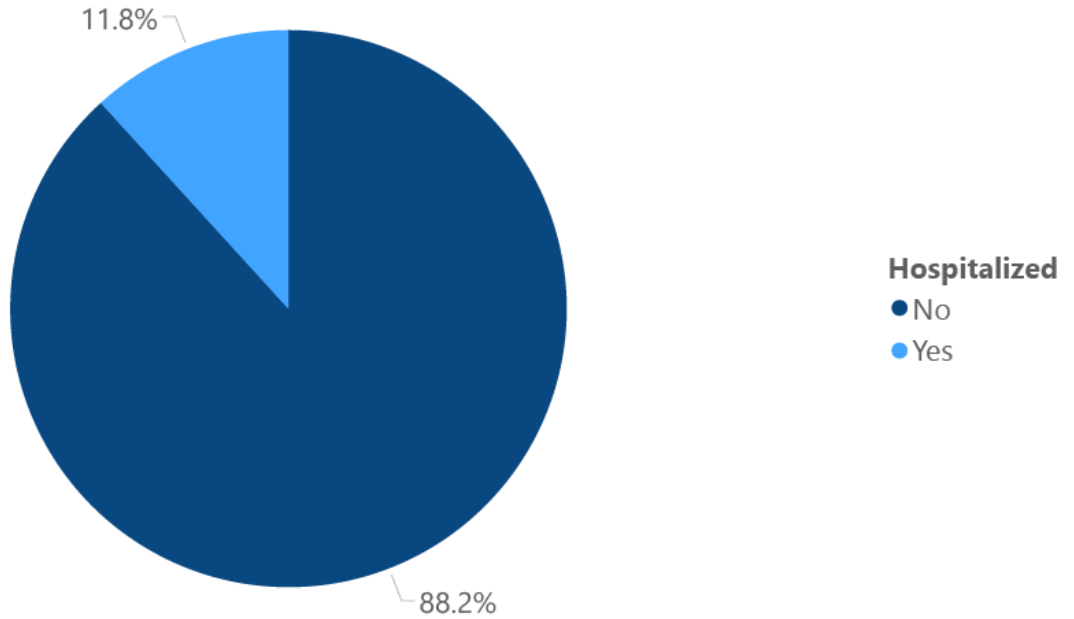
NH is not-Hispanic ethnicity
*based on available data as of 6pm CT;
Cases still under investigation
**Hispanic ethnicity includes all race definitions
Cases in which Race, Ethnicity, or Both are unknown were excluded due to ongoing case investigations.
See the interactive version of the chart for a detailed breakdown of each category

Condition	Black (NH)	White (NH)
Hypertension	788	668
Cardiovascular Disease	564	535
Diabetes	554	346
Obesity	382	209
Renal Disease	308	169
Neurologic Conditions	261	320
Lung Disease	249	293
Immunocompromised	140	97
Liver Disease		
None Noted		

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

2.5% 1.5% 0.6%

0.1% - Asian

48.1%

47.2%

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

NH is not-Hispanic ethnicity
*based on available data as of 6pm CT
**Hispanic ethnicity includes all race definitions
Cases in which Race, Ethnicity, or Both are unknown were excluded due to ongoing case investigations.

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

Age Group	Count
0-4	39
5-17	60
18-24	111
25-39	481
40-49	660
50-64	1763
65+	3266

*Based on available data as of 6pm CT

COVID-19 Cumulative Hospitalizations-Investigated Cases October 18, 2020 *
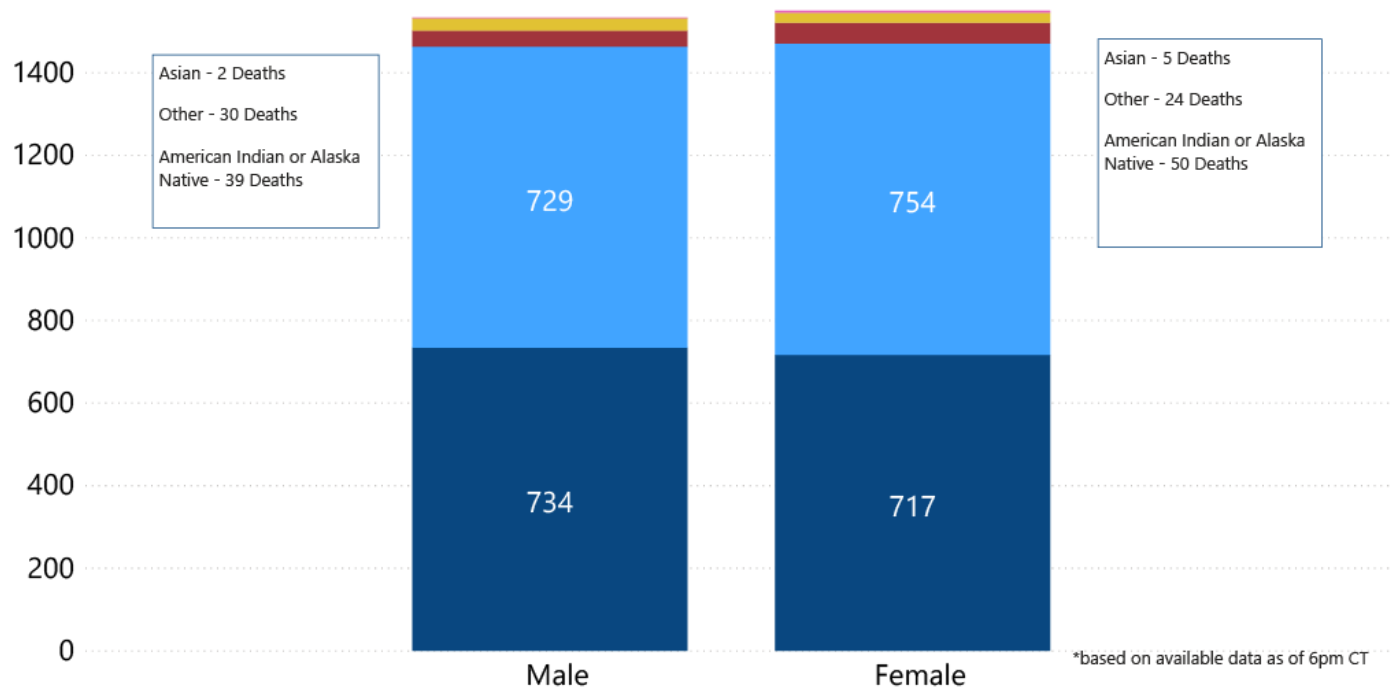
11.8%

Hospitalized
- No
- Yes

88.2%

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

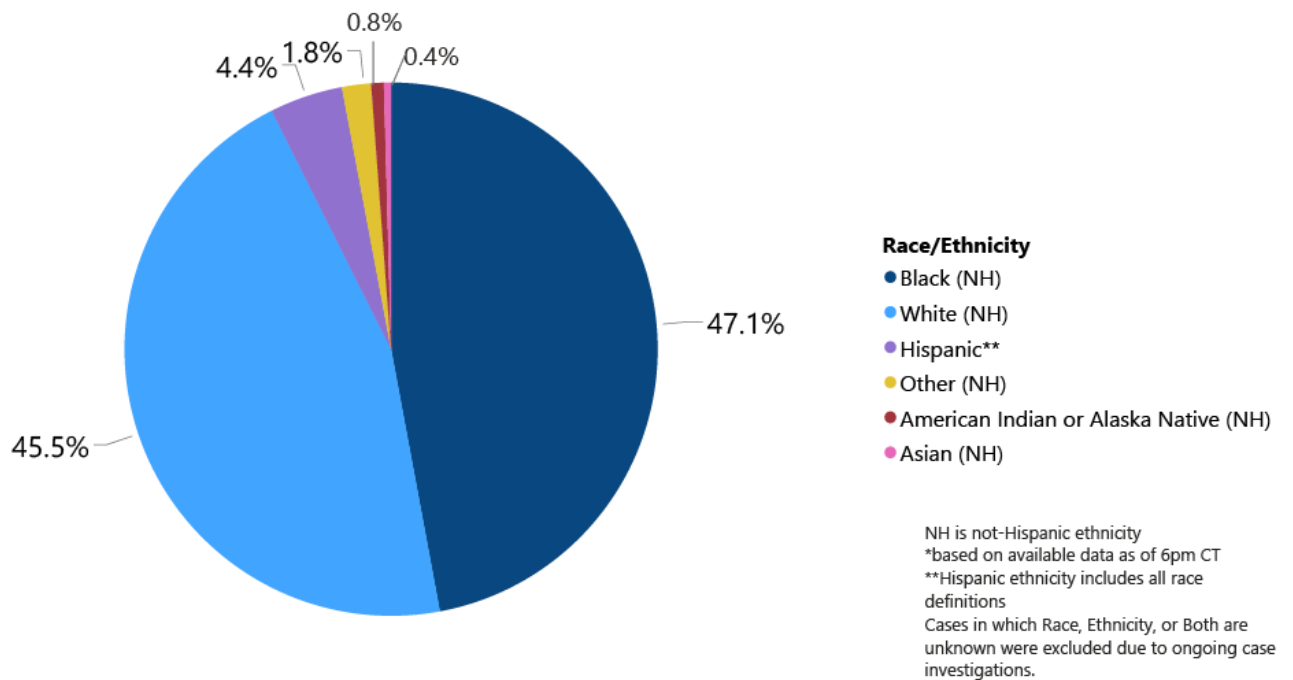## COVID-19 Cases by Race/Ethnicity and Gender through October 18, 2020*, Mississippi

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

Asian (NH) - 156 cases

American Indian or Alaska Native (NH) - 307 cases

Other (NH) - 687 cases

Asian (NH) - 151 cases

American Indian or Alaska Native (NH) - 232 cases

Other (NH) - 571 cases

Female:
- 1469
- 17853
- 20722

Male:
- 1682
- 14568
- 12803

NH is not-Hispanic ethnicity
*based on available data as of 6pm CT
**Hispanic ethnicity includes all race definitions
Cases in which Race, Ethnicity, or Gender are unknown were excluded due to ongoing case investigations.

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

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

Asian - 2 Deaths

Other - 30 Deaths

American Indian or Alaska Native - 39 Deaths

Asian - 5 Deaths

Other - 24 Deaths

American Indian or Alaska Native - 50 Deaths

Male: White 729, Black 734

Female: White 754, Black 717

*based on available data as of 6pm CT

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

0.8%
4.4%
1.8%
0.4%
47.1%
45.5%

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

NH is not-Hispanic ethnicity
*based on available data as of 6pm CT
**Hispanic ethnicity includes all race definitions
Cases in which Race, Ethnicity, or Both are unknown were excluded due to ongoing case investigations.

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

0.6%

42.9%

56.4%

Gender
- Female
- Male
- Unknown
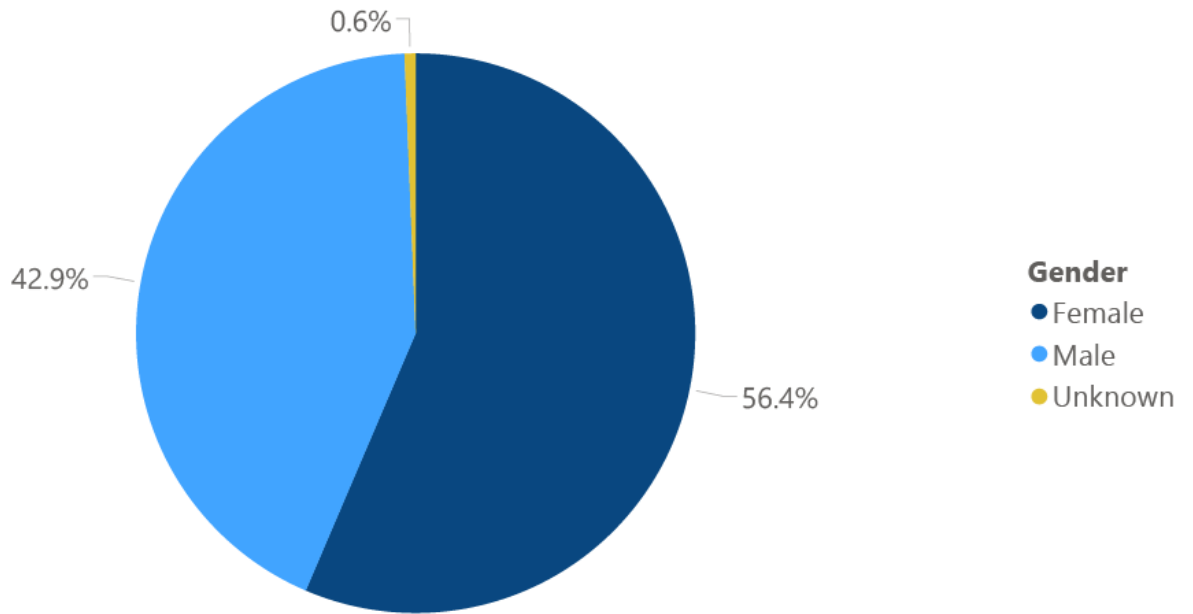
*Based on available data as of 6pm CT

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

*Multisystem inflammatory syndrome in children (MIS-C): A rare but serious complication associated with COVID-19 that can inflame multiple organs and cause various symptoms. Those aged 20 and younger diagnosed with MIS-C have either been infected with COVID-19 or around someone with COVID-19.

Age Group	<1	1-5	6-10	11-20
MIS-C Cases	0	7	8	6
MIS-C Deaths	0	1	0	1
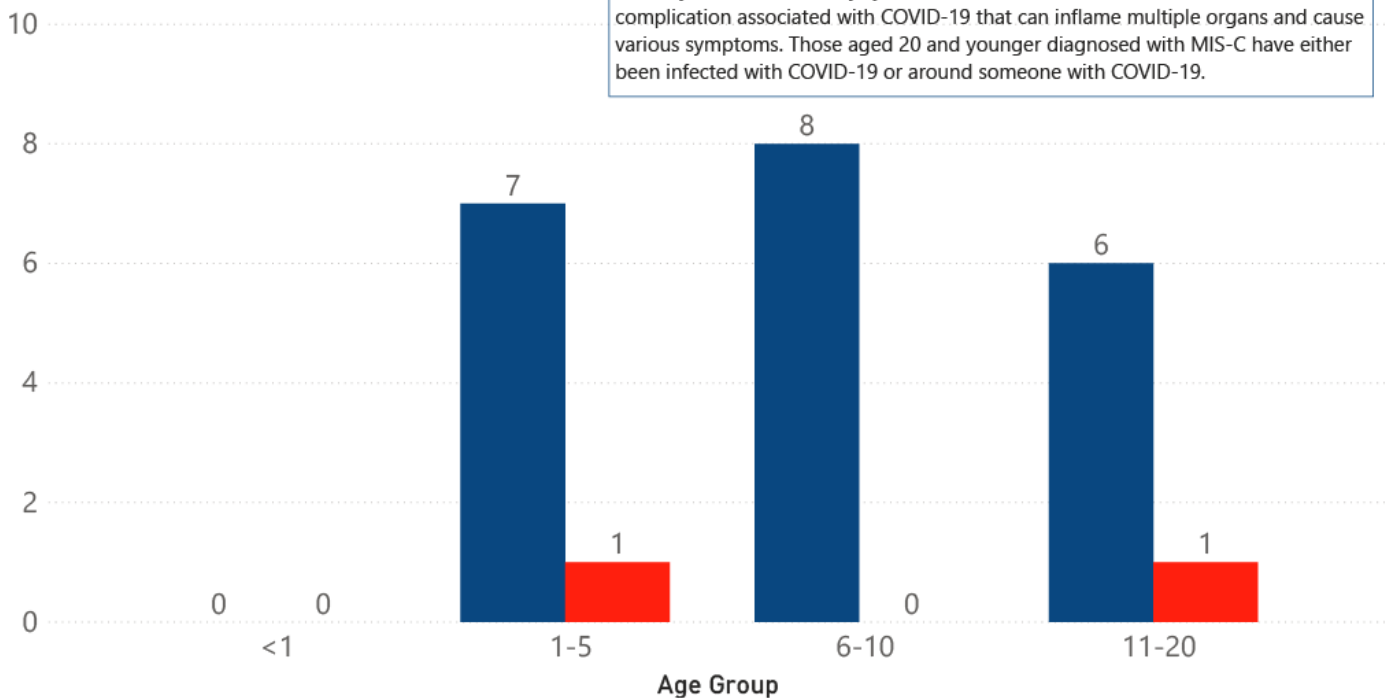
Weekly High Case and High Incidence Counties

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
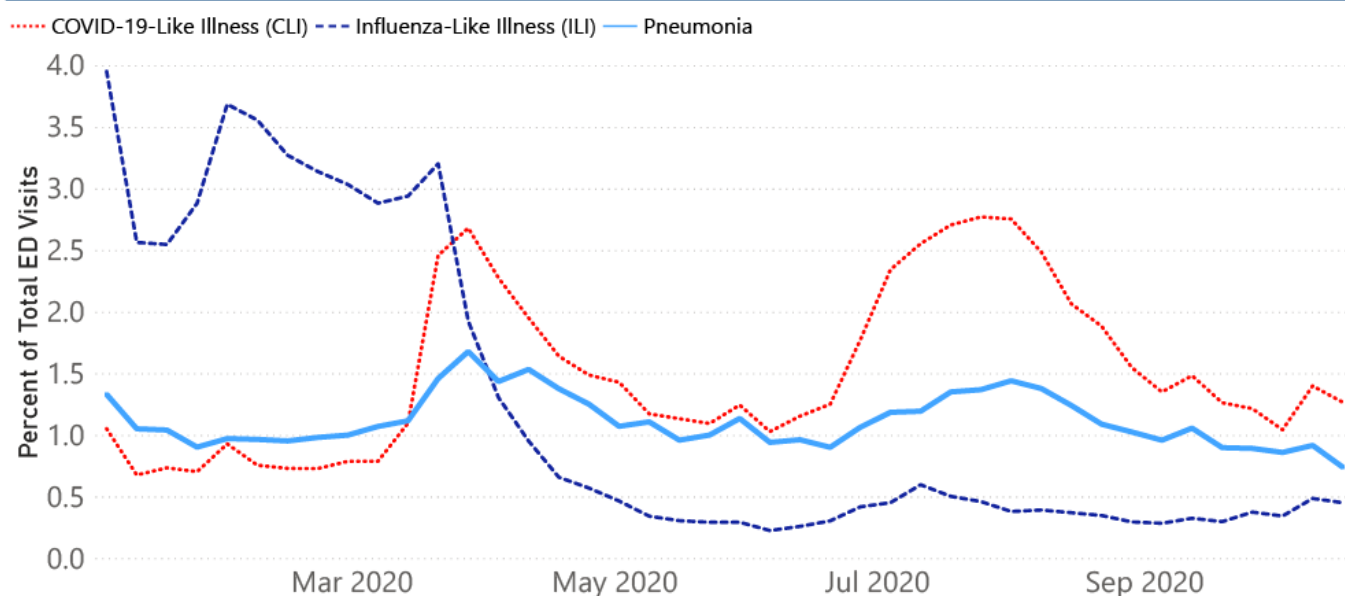
*The graph represents syndromic surveillance data from emergency department visits, reported electronically by hospitals throughout the state, that are consistent with COVID-19-Like Illness (CLI), Influenza-Like Illness (ILI), and Pneumonia.
Based on available data as of 6pm CT. Graph will be updated 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 21

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: **83,407**
- Total positive individuals from MPHL tests: **9,095**

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

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Last reviewed on Mar 5, 2020

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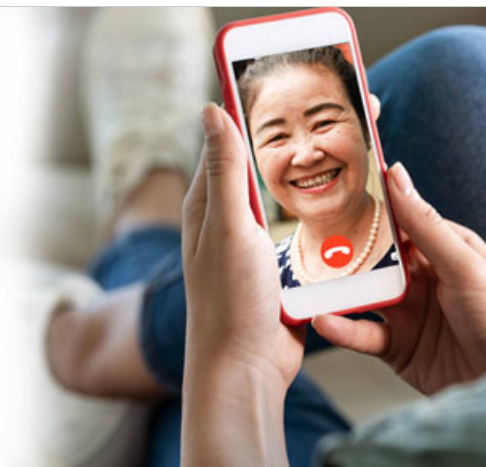Updated October 21, 2020

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