



## ALABAMA

### SUMMARY

- Alabama is in the red zone for cases, indicating 101 or more new cases per 100,000 population last week, with the 19th highest rate in the country. Alabama is in the yellow zone for test positivity, indicating a rate between 5.0% and 7.9%, with the 19th highest rate in the country.
- Alabama has seen an increase in new cases and a decrease in test positivity over the last week.
- The following three counties had the highest number of new cases over the last 3 weeks: 1. Jefferson County, 2. Tuscaloosa County, and 3. Baldwin County. These counties represent 28.3% of new cases in Alabama.
- Cases are rising in Limestone and Morgan counties with continued decline in cases at all major universities.
- 79% of all counties in Alabama have moderate or high levels of community transmission (yellow, orange, or red zones), with 24% having high levels of community transmission (red zone).
- During the week of Sep 28 - Oct 4, 15% of nursing homes had at least one new resident COVID-19 case, 28% had at least one new staff COVID-19 case, and 2% had at least one new resident COVID-19 death.
- Alabama had 138 new cases per 100,000 population in the last week, compared to a national average of 100 per 100,000.
- Current staff deployed from the federal government as assets to support the state response are: 38 to support operations activities from FEMA and 1 to support operations activities from USCG.
- The federal government has supported surge testing in Birmingham, AL.
- Between Oct 3 - Oct 9, on average, 113 patients with confirmed COVID-19 and 119 patients with suspected COVID-19 were reported as newly admitted each day to hospitals in Alabama. An average of 95% of hospitals reported either new confirmed or new suspected COVID patients each day during this period.

### RECOMMENDATIONS

- We have included cases, test positivity, and deaths by month in the back of your packet to show the time sequence in Alabama and the country as a whole. These demonstrate the impact of comprehensive mitigation efforts when implemented effectively and that partial or incomplete mitigation leads to prolonged community spread and increased fatalities.
- Alabama must continue the strong mitigation efforts statewide. Mitigation efforts should continue to include mask wearing, physical distancing, hand hygiene, avoiding crowds in public and social gatherings in private, and ensuring flu immunizations. Track test positivity, cases, and new daily hospitalizations in all counties and react to any week over week increases with increased mitigation in those counties and surged community level testing.
- We continue to see community spread initiated by social friends and family gatherings. People must remember that seemingly uninfected family members and friends may be infected but asymptomatic. Exposure to asymptomatic cases can easily lead to spread as people unmask in private gatherings.
- Ensure university students continue their mitigation behaviors to ensure no further outbreaks on or off campus as symptomatic cases and cases identified through surveillance testing decline.
- Encourage outdoor activities and ensure mask and physical distancing messages for all residents, both in public and private spaces.
- Ensure all hospitals are aware that COVID-19 antivirals and antibodies work best when used early in the course of infection. Work to accelerate the therapeutic research at UAB.
- Increase surveillance for silent community spread. Use the Abbott BinaxNOW or other antigen tests as weekly repeat surveillance in critical populations to monitor degree of silent (asymptomatic) community spread among K-12 teachers; staff working at nursing homes, assisted living, and other congregate living settings; prison staff; and first responders. All antigen positive results must be reported with both the number of positive results and total tests conducted; these must be reported as COVID cases.
- Repeat testing of individuals as surveillance with confirmation of all positives with nucleic acid testing is the optimal use of antigen tests.
- Abbott BinaxNOW arrived at Historically Black Colleges and Universities for rapid diagnosis and isolation of both symptomatic and asymptomatic cases. Ensure reporting of all tests conducted and positive tests.
- Ensure all nursing homes, assisted living, and elderly care sites have full testing capacity and are reporting. Track positive staff members back to communities and surge testing to communities with evidence of asymptomatic spread.
- Specific, detailed guidance on community mitigation measures can be found on the [CDC website](#).



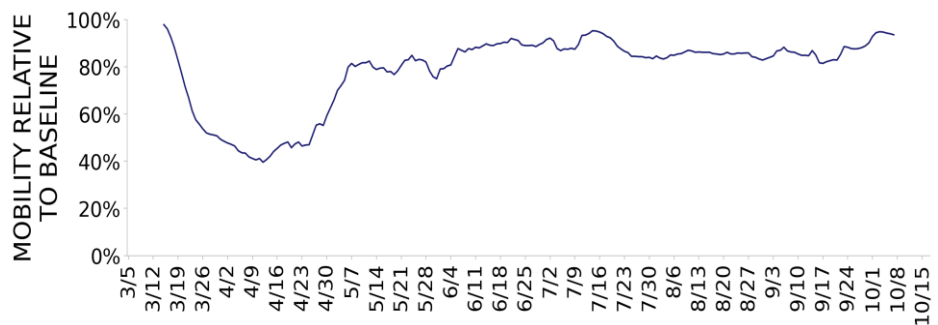


## ALABAMA

STATE REPORT | 10.11.2020

	STATE, LAST WEEK	STATE, % CHANGE FROM PREVIOUS WEEK	FEMA/HHS REGION, LAST WEEK	UNITED STATES, LAST WEEK
NEW COVID-19 CASES (RATE PER 100,000)	6,767 (138)	+14%	75,980 (114)	327,190 (100)
VIRAL (RT-PCR) LAB TEST POSITIVITY RATE	7.2%	-0.6%*	6.1%	5.8%
TOTAL VIRAL (RT-PCR) LAB TESTS (TESTS PER 100,000)	67,186** (1,370)	-11%**	1,024,987** (1,532)	6,936,223** (2,113)
COVID-19 DEATHS (RATE PER 100,000)	103 (2.1)	+63%	1,603 (2.4)	4,908 (1.5)
SNFs WITH ≥1 NEW RESIDENT COVID-19 CASE (≥1 NEW STAFF CASE)	15% (28%)	-5%* (-8%*)	14% (27%)	10% (21%)
SNFs WITH ≥1 NEW RESIDENT COVID-19 DEATH	2%	-5%*	5%	4%

## MOBILITY



\* Indicates absolute change in percentage points.

\*\* Due to delayed reporting, this figure may underestimate total diagnostic tests and week-on-week changes in diagnostic tests.

DATA SOURCES – Additional data details available under METHODS

**Note:** Some dates may have incomplete data due to delays in reporting. Data may be backfilled over time, resulting in week-to-week changes.**Cases and Deaths:** State values are calculated by aggregating county-level data from USAFacts; therefore, the values may not match those reported directly by the state. Data is through 10/9/2020; last week is 10/3 - 10/9, previous week is 9/26 - 10/2.**Testing:** CELR (COVID-19 Electronic Lab Reporting) state health department-reported data through 10/7/2020. Last week is 10/1 - 10/7, previous week is 9/24 - 9/30.**Mobility:** Descartes Labs. This data depicts the median distance moved across a collection of mobile devices to estimate the level of human mobility within a county. The 100% represents the baseline mobility level prior to the pandemic; lower percent mobility indicates less population movement. Data is anonymized and provided at the county level. Data through 10/7/2020.**SNFs:** Skilled nursing facilities. National Healthcare Safety Network. Data are reported separately for cases among residents and staff. Last week is 9/28-10/4, previous week is 9/21-9/27.



# ALABAMA

STATE REPORT | 10.11.2020

## COVID-19 COUNTY AND METRO ALERTS\*

Top 12 shown in table (full lists below)

### METRO AREA (CBSA) LAST WEEK

### COUNTY LAST WEEK

#### LOCALITIES IN RED ZONE

**3**  
▼ (-1)

Decatur  
Anniston-Oxford  
Fort Payne

**16**  
▲ (+2)

Calhoun  
Limestone  
Morgan  
DeKalb  
Chilton  
Randolph  
Franklin  
Cleburne  
Chambers  
Bibb  
Fayette  
Washington

#### LOCALITIES IN ORANGE ZONE

**7**  
▼ (-2)

Tuscaloosa  
Auburn-Opelika  
Talladega-Sylacauga  
Enterprise  
LaGrange  
Eufaula  
Alexander City

**17**  
▼ (-1)

Tuscaloosa  
Shelby  
Lee  
St. Clair  
Talladega  
Coffee  
Geneva  
Autauga  
Blount  
Clarke  
Lawrence  
Cherokee

#### LOCALITIES IN YELLOW ZONE

**10**  
▼ (-1)

Birmingham-Hoover  
Huntsville  
Montgomery  
Dothan  
Daphne-Fairhope-Foley  
Florence-Muscle Shoals  
Gadsden  
Albertville  
Jasper  
Scottsboro

**20**  
▲ (+4)

Jefferson  
Baldwin  
Madison  
Houston  
Montgomery  
Etowah  
Elmore  
Marshall  
Walker  
Jackson  
Lauderdale  
Colbert

Change from previous week's alerts:

▲ Increase

■ Stable

▼ Decrease

**All Red Counties:** Calhoun, Limestone, Morgan, DeKalb, Chilton, Randolph, Franklin, Cleburne, Chambers, Bibb, Fayette, Washington, Macon, Choctaw, Lowndes, Coosa

**All Orange Counties:** Tuscaloosa, Shelby, Lee, St. Clair, Talladega, Coffee, Geneva, Autauga, Blount, Clarke, Lawrence, Cherokee, Marion, Hale, Lamar, Bullock, Wilcox

**All Yellow Counties:** Jefferson, Baldwin, Madison, Houston, Montgomery, Etowah, Elmore, Marshall, Walker, Jackson, Lauderdale, Colbert, Marengo, Henry, Barbour, Winston, Tallapoosa, Pickens, Butler, Monroe

\* Localities with fewer than 10 cases last week have been excluded from these alerts.

**Note:** Lists of red, orange, and yellow localities are sorted by the number of new cases in the last 3 weeks, from highest to lowest. Some dates may have incomplete data due to delays in reporting. Data may be backfilled over time, resulting in week-to-week changes.

**DATA SOURCES** – Additional data details available under METHODS

**Cases and Deaths:** State values are calculated by aggregating county-level data from USAFacts; therefore, the values may not match those reported directly by the state. Data is through 10/9/2020; last week is 10/3 - 10/9, three weeks is 9/19 - 10/9.

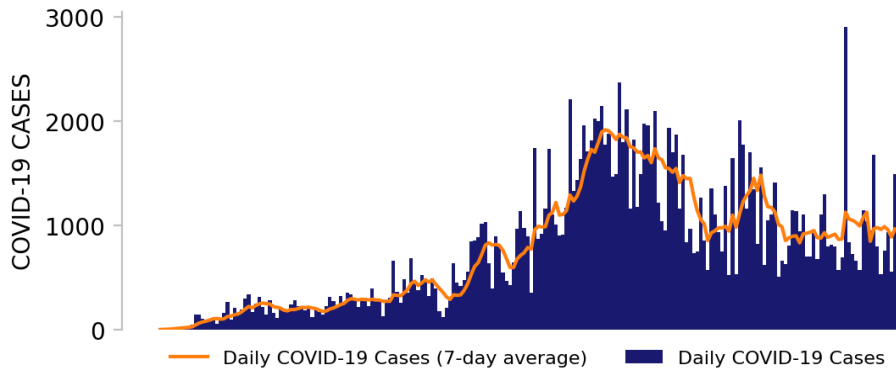
**Testing:** CELR (COVID-19 Electronic Lab Reporting) state health department-reported data through 10/7/2020. Last week is 10/1 - 10/7.



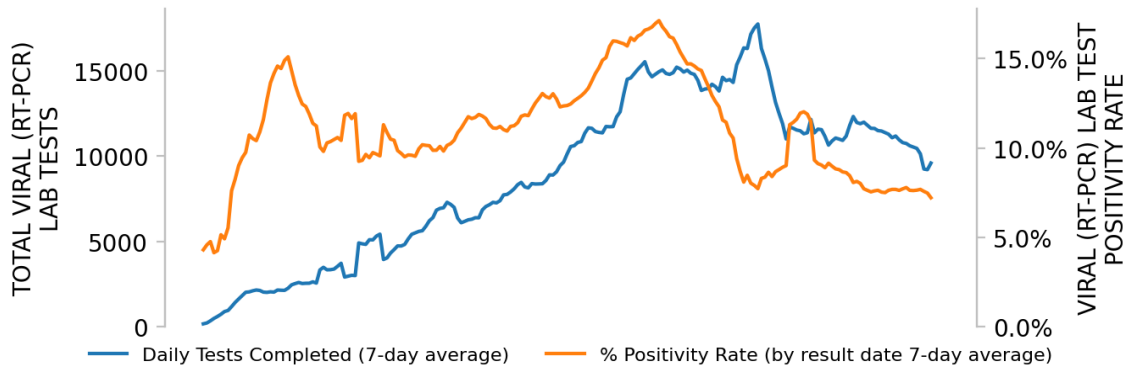
# ALABAMA

## STATE REPORT | 10.11.2020

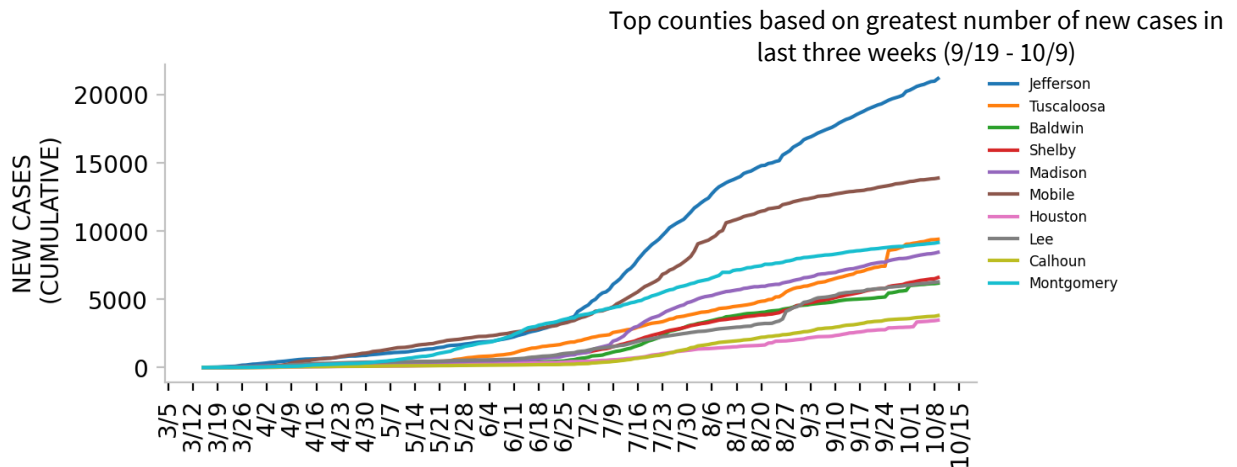
### NEW CASES



### TESTING



### TOP COUNTIES



**DATA SOURCES** – Additional data details available under METHODS

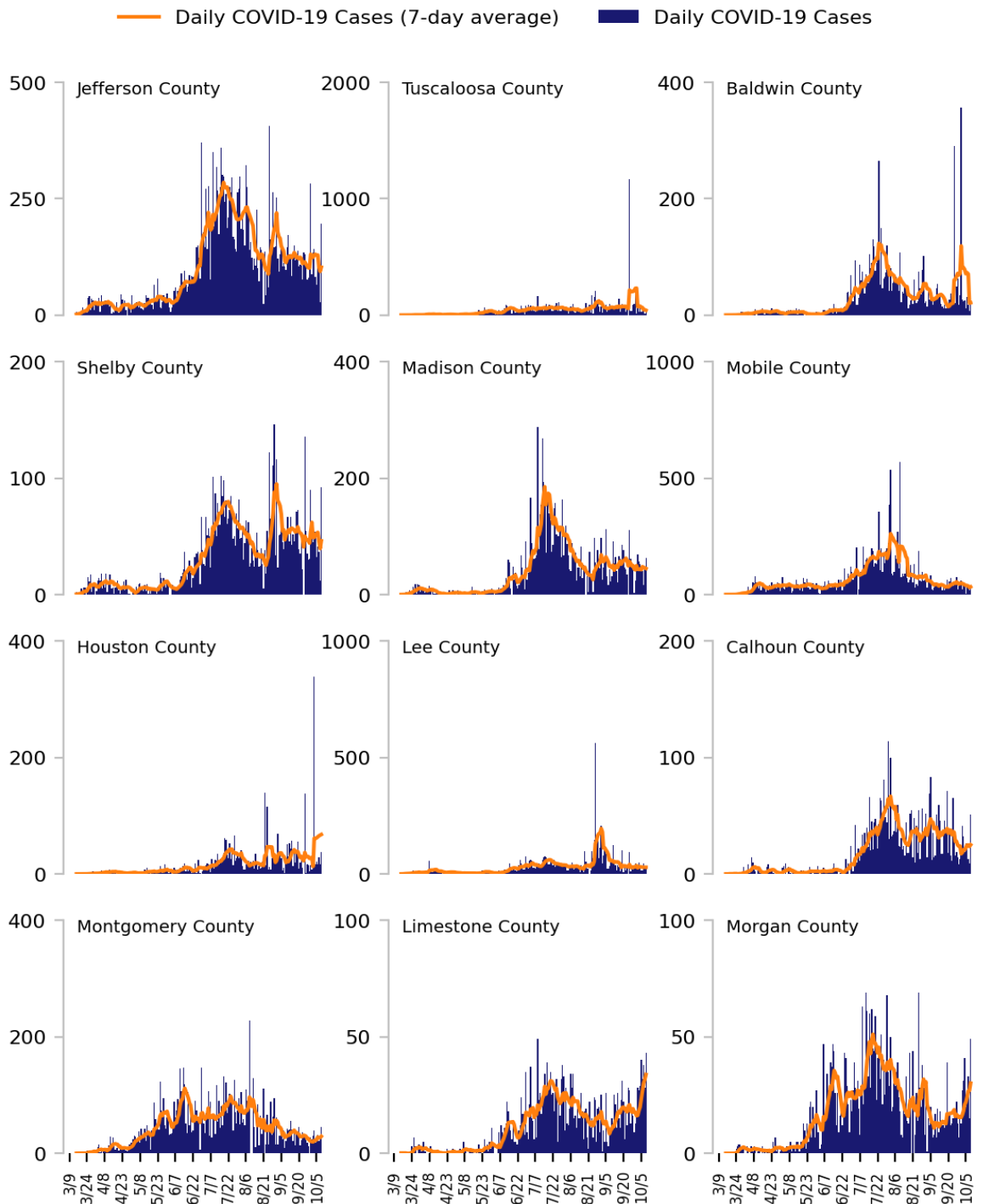
**Note:** Some dates may have incomplete data due to delays in reporting. Data may be backfilled over time, resulting in week-to-week changes.  
**Cases:** State values are calculated by aggregating county-level data from USAFacts; therefore, the values may not match those reported directly by the state. Data is through 10/9/2020.

**Testing:** CELR (COVID-19 Electronic Lab Reporting) state health department-reported data through 10/7/2020.



# Top 12 counties based on number of new cases in the last 3 weeks

TOTAL DAILY CASES



**DATA SOURCES** – Additional data details available under **METHODS**

**Cases:** State values are calculated by aggregating county-level data from USAFacts; therefore, the values may not match those reported directly by the state. Data is through 10/9/2020. Last 3 weeks is 9/19 - 10/9.

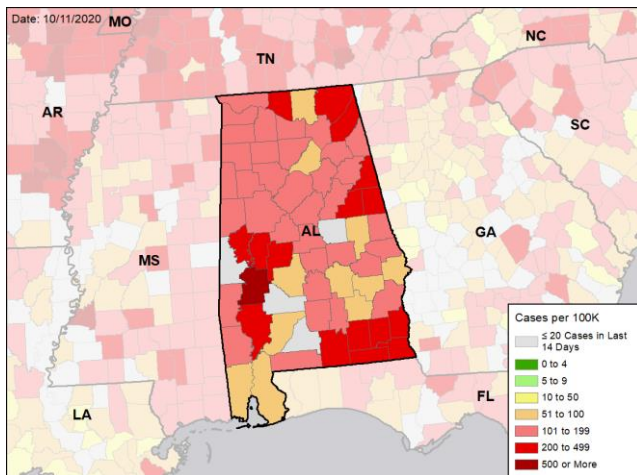


# ALABAMA

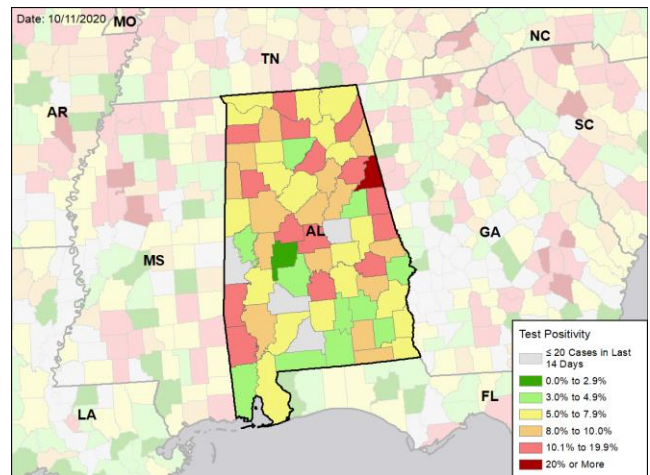
STATE REPORT | 10.11.2020

## CASE RATES AND VIRAL LAB TEST POSITIVITY DURING THE LAST WEEK

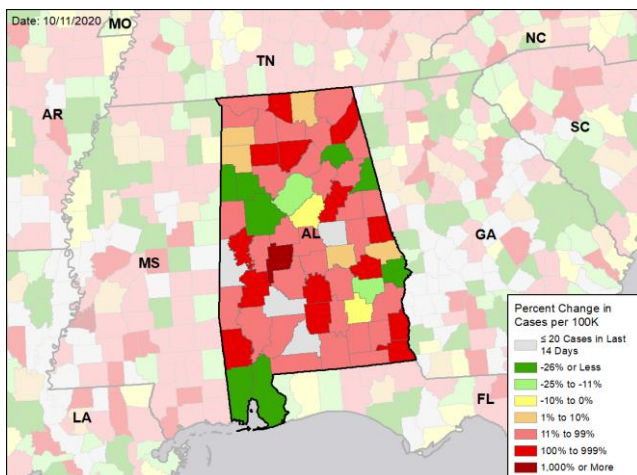
### NEW CASES PER 100,000 DURING THE LAST WEEK



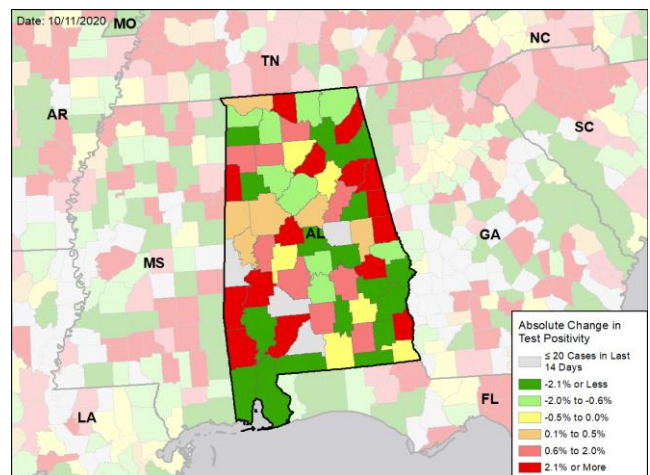
### VIRAL (RT-PCR) LABORATORY TEST POSITIVITY DURING THE LAST WEEK



### WEEKLY CHANGE IN NEW CASES PER 100,000



### WEEKLY CHANGE IN VIRAL (RT-PCR) LABORATORY TEST POSITIVITY



#### DATA SOURCES – Additional data details available under METHODS

**Note:** Some dates may have incomplete data due to delays in reporting. Data may be backfilled over time, resulting in week-to-week changes.

**Cases:** State values are calculated by aggregating county-level data from USAFacts; therefore, the values may not match those reported directly by the state. Data is through 10/9/2020. Last week is 10/3 - 10/9, previous week is 9/26 - 10/2.

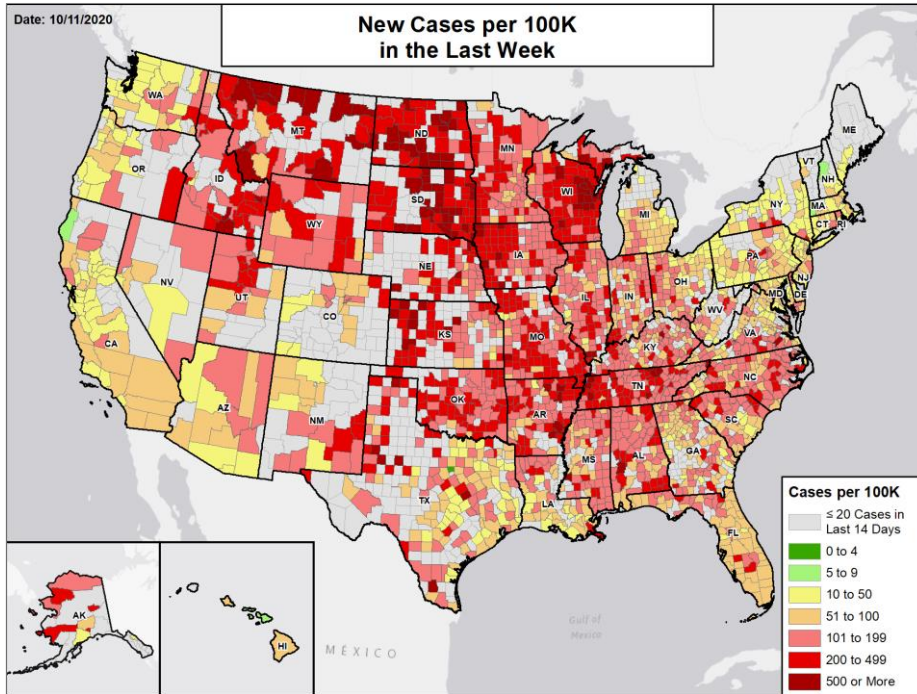
**Testing:** CELR (COVID-19 Electronic Lab Reporting) state health department-reported data through 10/7/2020. Last week is 10/1 - 10/7, previous week is 9/24 - 9/30.





# National Picture

## NEW CASES PER 100,000 LAST WEEK

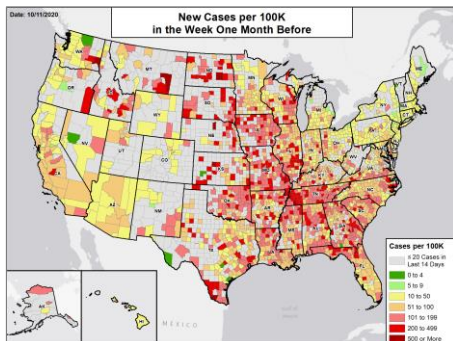


## NATIONAL RANKING OF NEW CASES PER 100,000 LAST WEEK

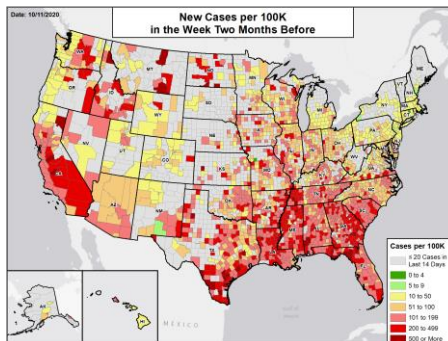
National Rank	State	National Rank	State
1	ND	27	TX
2	SD	28	DE
3	MT	29	CO
4	WI	30	VA
5	UT	31	FL
6	ID	32	OH
7	IA	33	GA
8	WY	34	MI
9	OK	35	WV
10	TN	36	LA
11	AR	37	MD
12	KY	38	PA
13	KS	39	NJ
14	NE	40	MA
15	MO	41	DC
16	AK	42	AZ
17	MN	43	CA
18	MS	44	OR
19	AL	45	NY
20	IN	46	WA
21	SC	47	HI
22	IL	48	CT
23	NC	49	NH
24	RI	50	ME
25	NV	51	VT
26	NM		

## NEW CASES PER 100,000 IN THE WEEK:

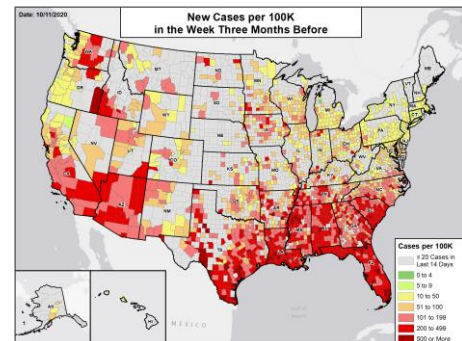
### ONE MONTH BEFORE



### TWO MONTHS BEFORE



### THREE MONTHS BEFORE



## DATA SOURCES

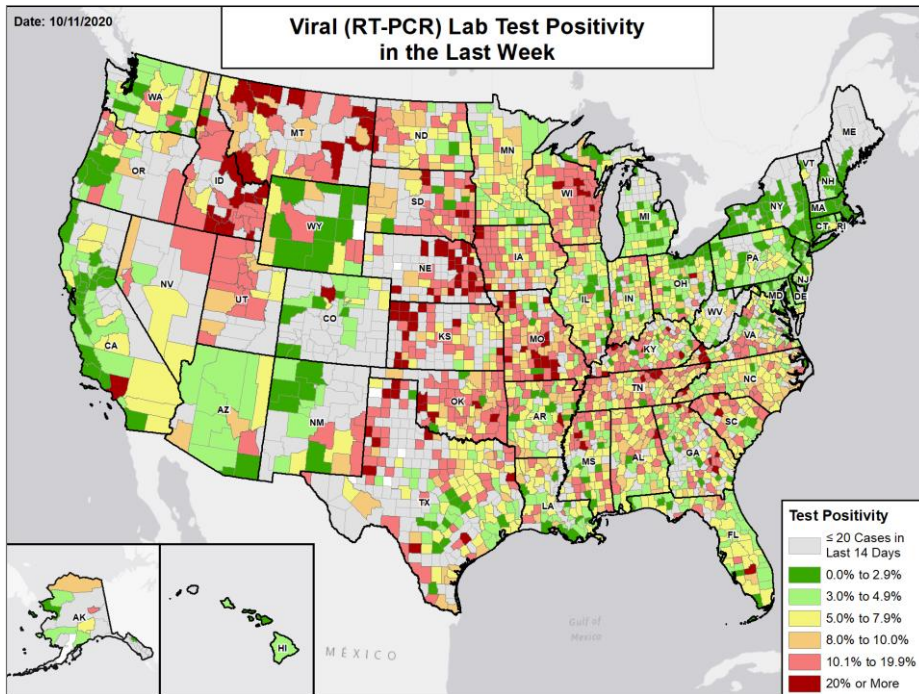
**Note:** Some dates may have incomplete data due to delays in reporting. Data may be backfilled over time, resulting in week-to-week changes.

**Cases:** County-level data from USAFacts through 10/9/2020. Last week is 10/3 - 10/9; the week one month before is 9/5 - 9/11; the week two months before is 8/8 - 8/14; the week three months before is 7/11 - 7/17.



# National Picture

## VIRAL (RT-PCR) LAB TEST POSITIVITY LAST WEEK

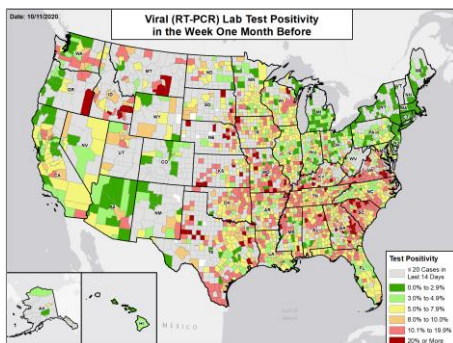


## NATIONAL RANKING OF TEST POSITIVITY LAST WEEK

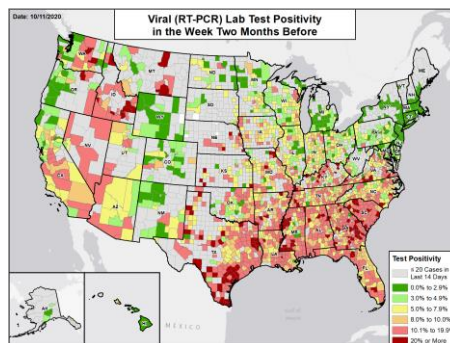
National Rank	State	National Rank	State
1	NE	27	MN
2	MT	28	FL
3	ID	29	IL
4	UT	30	NM
5	CA	31	LA
6	SD	32	AZ
7	WI	33	WY
8	OK	34	WV
9	OR	35	PA
10	MO	36	MD
11	IA	37	CO
12	KY	38	MI
13	KS	39	HI
14	SC	40	OH
15	NV	41	WA
16	ND	42	NJ
17	MS	43	DE
18	TN	44	CT
19	AL	45	NH
20	AR	46	RI
21	TX	47	NY
22	IN	48	DC
23	NC	49	MA
24	AK	50	ME
25	VA	51	VT
26	GA		

## VIRAL (RT-PCR) LAB TEST POSITIVITY IN THE WEEK:

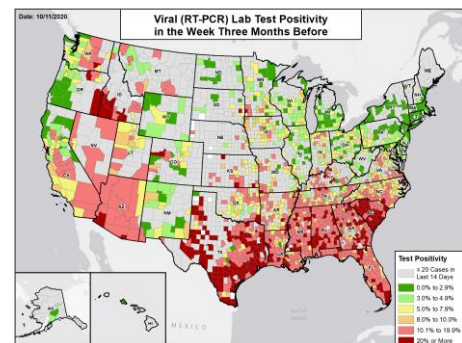
### ONE MONTH BEFORE



### TWO MONTHS BEFORE



### THREE MONTHS BEFORE



## DATA SOURCES

**Note:** Some dates may have incomplete data due to delays in reporting. Data may be backfilled over time, resulting in week-to-week changes.

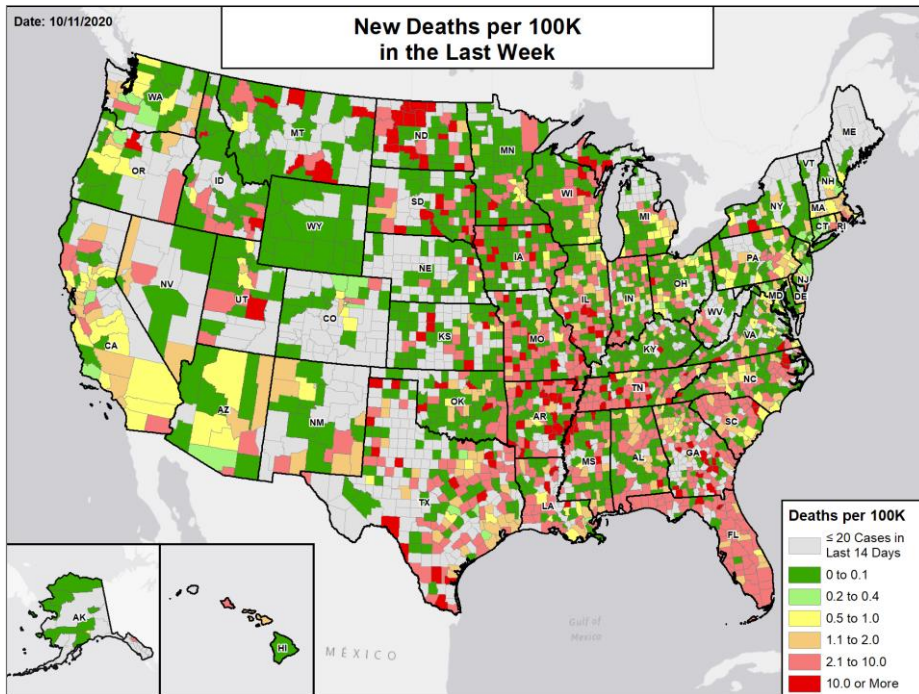
**Testing:** Combination of CELR (COVID-19 Electronic Lab Reporting) state health department-reported data and HHS Protect laboratory data (provided directly to Federal Government from public health labs, hospital labs, and commercial labs) through 10/7/2020. Last week is 10/1 - 10/7; the week one month before is 9/3 - 9/9; the week two months before is 8/6 - 8/12; the week three months before is 7/9 - 7/15.





# National Picture

## NEW DEATHS PER 100,000 LAST WEEK

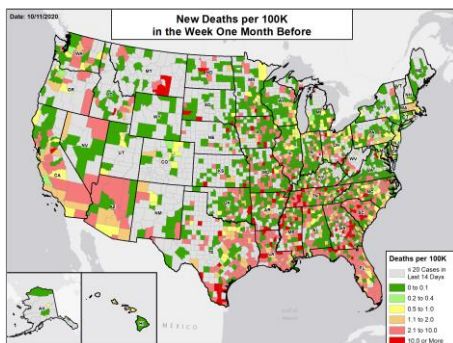


## NATIONAL RANKING OF NEW DEATHS PER 100,000 LAST WEEK

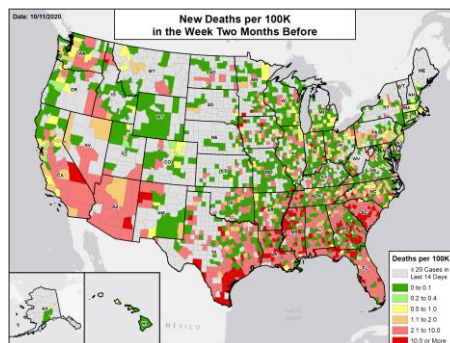
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7	MS	33	KY
8	SC	34	MI
9	GA	35	DE
10	KS	36	OR
11	AL	37	CO
12	IA	38	OH
13	TX	39	AZ
14	LA	40	NM
15	MT	41	DC
16	ID	42	NH
17	HI	43	WA
18	IL	44	MD
19	IN	45	CT
20	NV	46	NY
21	WI	47	AK
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25	WV	51	WY
26	VA		

## NEW DEATHS PER 100,000 IN THE WEEK:

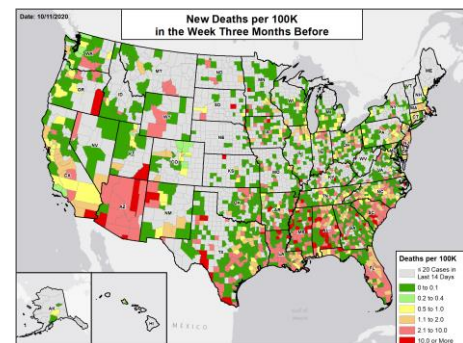
### ONE MONTH BEFORE



### TWO MONTHS BEFORE



### THREE MONTHS BEFORE



## DATA SOURCES

**Note:** Some dates may have incomplete data due to delays in reporting. Data may be backfilled over time, resulting in week-to-week changes.

**Deaths:** County-level data from USAFacts through 10/9/2020. Last week is 10/3 - 10/9; the week one month before is 9/5 - 9/11; the week two months before is 8/8 - 8/14; the week three months before is 7/11 - 7/17.



# METHODS

## STATE REPORT | 10.11.2020

**COLOR THRESHOLDS:** Results for each indicator should be taken in context of the findings for related indicators (e.g., changes in case incidence and testing volume). Values are rounded before color classification.

Metric	Dark Green	Light Green	Yellow	Orange	Red
New cases per 100,000 population per week	≤4	5 – 9	10 – 50	51 – 100	≥101
Percent change in new cases per 100,000 population	≤-26%	-25% – -11%	-10% – 0%	1% – 10%	≥11%
Diagnostic test result positivity rate	≤2.9%	3.0% – 4.9%	5.0% – 7.9%	8.0% – 10.0%	≥10.1%
Change in test positivity	≤-2.1%	-2.0% – -0.6%	-0.5% – 0.0%	0.1% – 0.5%	≥0.6%
Total diagnostic tests resulted per 100,000 population per week	≥2001	1001 – 2000	750 – 1000	500 – 749	≤499
Percent change in tests per 100,000 population	≥26%	11% – 25%	1% – 10%	-10% – 0%	≤-11%
COVID-19 deaths per 100,000 population per week	≤0.1	0.2 – 0.4	0.5 – 1.0	1.1 – 2.0	≥2.1
Percent change in deaths per 100,000 population	≤-26%	-25% – -11%	-10% – 0%	1% – 10%	≥11%
Skilled Nursing Facilities with at least one resident COVID-19 case, death	0%		1% – 5%		≥6%
Change in SNFs with at least one resident COVID-19 case, death	≤-2%		-1% – 1%		≥2%

### DATA NOTES

- Some dates may have incomplete data due to delays in reporting. Data may be backfilled over time, resulting in week-to-week changes. It is critical that states provide as up-to-date data as possible.
- Cases and deaths:** County-level data from USAFacts as of 17:35 EDT on 10/11/2020. State values are calculated by aggregating county-level data from USAFacts; therefore, values may not match those reported directly by the state. Data are reviewed on a daily basis against internal and verified external sources and, if needed, adjusted. Last week data are from 10/3 to 10/9; previous week data are from 9/26 to 10/2; the week one month before data are from 9/5 to 9/11.
- Testing:** The data presented represent viral COVID-19 laboratory diagnostic and screening test (reverse transcription polymerase chain reaction, RT-PCR) results—not individual people—and exclude antibody and antigen tests, unless stated otherwise. CELR (COVID-19 Electronic Lab Reporting) state health department-reported data are used to describe county-level viral COVID-19 laboratory test (RT-PCR) result totals when information is available on patients' county of residence or healthcare providers' practice location. HHS Protect laboratory data (provided directly to Federal Government from public health labs, hospital labs, and commercial labs) are used otherwise. Some states did not report on certain days, which may affect the total number of tests resulted and positivity rate values. Because the data are deidentified, total viral (RT-PCR) laboratory tests are the number of tests performed, not the number of individuals tested. Viral (RT-PCR) laboratory test positivity rate is the number of positive tests divided by the number of tests performed and resulted. Resulted tests are assigned to a timeframe based on this hierarchy of test-related dates: 1. test date; 2. result date; 3. specimen received date; 4. specimen collection date. Resulted tests are assigned to a county based on a hierarchy of test-related locations: 1. patient residency; 2. provider facility location; 3. ordering facility location; 4. performing organization location. States may calculate test positivity other using other methods. Last week data are from 10/1 to 10/7; previous week data are from 9/24 to 9/30; the week one month before data are from 9/3 to 9/9. HHS Protect data is recent as of 13:41 EDT on 10/11/2020. Testing data are inclusive of everything received and processed by the CELR system as of 19:00 EDT on 10/10/2020.
- Mobility:** Descartes Labs. These data depict the median distance moved across a collection of mobile devices to estimate the level of human mobility within a locality. The 100% represents the baseline mobility level prior to the pandemic; lower percent mobility indicates less population movement. Data is anonymized and provided at the locality level. Data is recent as of 17:33 EDT on 10/11/2020 and is through 10/7/2020.
- Hospitalizations:** Unified hospitalization dataset in HHS Protect. This figure may differ from state data due to differences in hospital lists and reporting between federal and state systems. These data exclude psychiatric, rehabilitation, and religious non-medical hospitals. In addition, hospitals explicitly identified by states/regions as those from which we should not expect reports were excluded from the percent reporting figure. The data presented represents raw data provided; we are working diligently with state liaisons to improve reporting consistency. Data is recent as of 18:19 EDT on 10/11/2020.
- Skilled Nursing Facilities:** National Healthcare Safety Network (NHSN). Data report resident and staff cases independently. Quality checks are performed on data submitted to the NHSN. Data that fail these quality checks or appear inconsistent with surveillance protocols may be excluded from analyses. Data presented in this report are more recent than data publicly posted by CMS. Last week is 9/28-10/4, previous week is 9/21-9/27.
- County and Metro Area Color Categorizations**
  - Red Zone:** Those core-based statistical areas (CBSAs) and counties that during the last week reported both new cases at or above 101 per 100,000 population, and a lab test positivity result at or above 10.1%.
  - Orange Zone:** Those CBSAs and counties that during the last week reported both new cases between 51–100 per 100,000 population, and a lab test positivity result between 8.0–10.0%, or one of those two conditions and one condition qualifying as being in the “Red Zone.”
  - Yellow Zone:** Those CBSAs and counties that during the last week reported both new cases between 10–50 per 100,000 population, and a lab test positivity result between 5.0–7.9%, or one of those two conditions and one condition qualifying as being in the “Orange Zone” or “Red Zone.”