WYOMING

SUMMARY

- Wyoming is in the yellow zone for cases, indicating between 10 and 100 new cases per 100,000 population last week, with the 42nd highest rate in the country. Wyoming is in the green zone for test positivity, indicating a rate below 5%, with the 44th highest rate in the country.
- Wyoming has seen stability in new cases and stability in test positivity over the last week, but testing volumes appear to be very low across the state.
- The following three counties had the highest number of new cases over the last 3 weeks: 1. Fremont County, 2. Sheridan County, and 3. Carbon County. These counties represent 33.8% of new cases in Wyoming.
- 13% of all counties in Wyoming have moderate or high levels of community transmission (yellow or red zone), with none having high levels of community transmission (red zone).
- During the week of Aug 24 – Aug 30, 3% of nursing homes had at least one new resident COVID-19 case, less than 1% had at least one new staff COVID-19 case, and less than 1% had at least one new resident COVID-19 death.
- Wyoming had 39 new cases per 100,000 population in the last week, compared to a national average of 88 per 100,000.
- Current staff deployed from the federal government as assets to support the state response are: 3 to support operations activities from FEMA.
- Between Aug 29 - Sep 04, on average, 6 patients with confirmed COVID-19 and 9 patients with suspected COVID-19 were reported as newly admitted each day to hospitals in Wyoming. An average of 76% of hospitals reported either new confirmed or new suspected COVID patients each day during this period; therefore, this may be an underestimate of the actual total number of COVID-related hospitalizations. Underreporting may lead to a lower allocation of critical supplies.

RECOMMENDATIONS

- Recent reductions in case rates and test positivity are encouraging but limited testing undermines confidence in reported rates.
- Recommend local ordinances on use of cloth face coverings in indoor settings outside of homes, especially in crowded workplaces, such as meat-processing plants.
- While testing levels in the state need to increase overall, they appear very low when assessing county-level data; ensure complete reporting of testing data, including listing patients' county of residence, to allow for accurate determination of test positivity and testing needs across the state.
- Ensure all in-person schools are all practicing effective mitigation procedures, including appropriate distancing and face mask use in all indoor settings.
- Identify groups that are not wearing face coverings and target educational efforts to them.
- Continue efforts to enhance testing capacity by expanding public-private partnerships; increasing the budget and capacity of public health labs; pooling specimens where appropriate; and utilizing all university, veterinary and research platforms for surveillance and testing of students and, if needed, the surrounding communities.
- Require all universities and colleges to have a plan for initial testing and periodic retesting of students, with quick turnaround times for results, and rapid isolation of cases and quarantine of contacts; residential cases and contacts should not be sent home to isolate or quarantine.
- Explore use of focused wastewater surveillance to detect cases early and to direct diagnostic testing and public health interventions.
- Enlist various student leaders and utilize campus media to promote compliance with recommendations.
- Recruit college and university students to expand public health messaging and contact tracing capacity and protect local communities by strict mask wearing and social distancing off campus.
- Maintain policies in nursing homes and long-term care facilities, including testing of all residents on admission, periodic testing of staff, facility-wide testing when any staff or resident is diagnosed with COVID, reasonable restrictions on visitation, and required face coverings for all staff.
- Using the Abbott BinaxNOW, establish weekly surveillance in critical populations to monitor degree of community spread among K-12 teachers; staff working at nursing homes, assisted living, and other congregate living settings; and first responders.
- Tribal Nations: Continue to promote social distancing and mask recommendations. Deploy specific, culturally relevant education and public health messaging. Pooled testing should be instituted for multigenerational households. Spaces for quarantine of contacts and isolation of cases should be provided along with material support, as needed.
- Specific, detailed guidance on community mitigation measures can be found on the [CDC website](#).
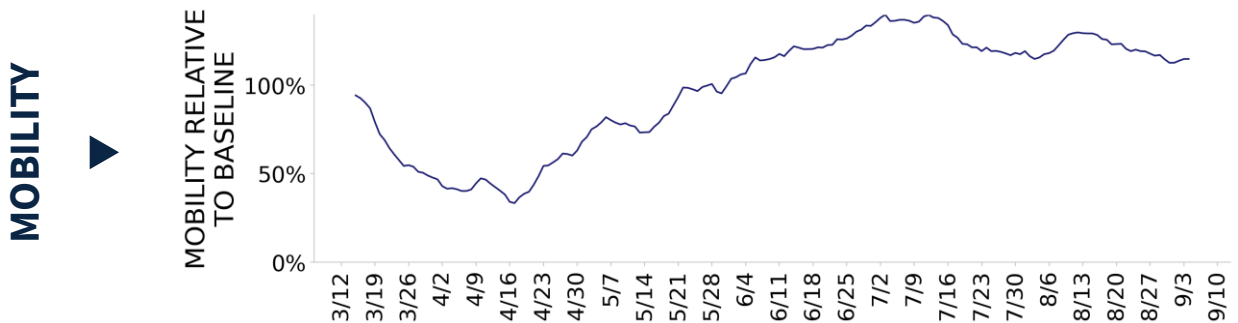
COVID-19

WYOMING

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	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)	226 (39)	-5.8%	9,904 (81)	290,363 (88)
VIRAL (RT-PCR) LAB TEST POSITIVITY RATE	1.7%	+0.0%*	6.3%	5.2%
TOTAL VIRAL (RT-PCR) LAB TESTS (TESTS PER 100,000)	4,608** (796)	-74.1%**	172,169** (1,404)	5,652,360** (1,722)
COVID-19 DEATHS (RATE PER 100,000)	5 (1)	+150.0%	76 (1)	5,963 (2)
SNFs WITH ≥1 NEW RESIDENT COVID-19 CASE (≥1 NEW STAFF CASE)	3% (0%)	+3%* (-6%*)	5% (11%)	10% (17%)
SNFs WITH ≥1 NEW RESIDENT COVID-19 DEATH	0%	N/A	1%	5%

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 9/4/2020; last week is 8/29 - 9/4, previous week is 8/22 - 8/28.
Testing: CELR (COVID-19 Electronic Lab Reporting) state health department-reported data through 9/2/2020. Last week is 8/27 - 9/2, previous week is 8/20 - 8/26.
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 9/4/2020.
SNFs: Skilled nursing facilities. National Healthcare Safety Network. Data are reported separately for cases among residents and staff. Last week is 8/24-8/30, previous week is 8/17-8/23.

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COVID-19 COUNTY AND METRO ALERTS*

Top 12 shown in table (full lists below)

	LOCALITIES IN RED ZONE		LOCALITIES IN YELLOW ZONE	
METRO AREA (CBSA) LAST WEEK	**0**	N/A	**3**	Gillette Rock Springs Evanston
COUNTY LAST WEEK	**0**	N/A	**3**	Campbell Sweetwater Uinta

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

Red Zone: Those core-based statistical areas (CBSAs) and counties that during the last week reported both new cases above 100 per 100,000 population, and lab test positivity result above 10%.

Yellow Zone: Those CBSAs and counties that during the last week reported both new cases between 10-100 per 100,000 population, and a lab test positivity result between 5-10%, or one of those two conditions and one condition qualifying as being in the "Red Zone."

Note: Lists of red 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 9/4/2020; last week is 8/29 - 9/4, three weeks is 8/15 - 9/4.
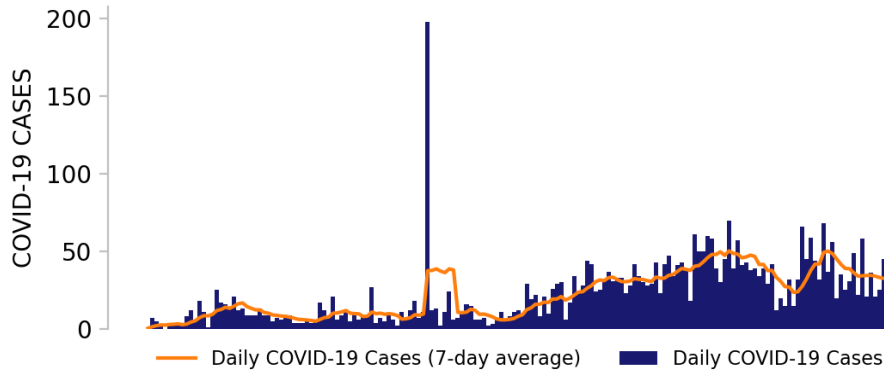
Testing: HHS Protect laboratory data (provided directly to Federal Government from public health labs, hospital labs, and commercial labs) through 9/2/2020. Last week is 8/27 - 9/2.
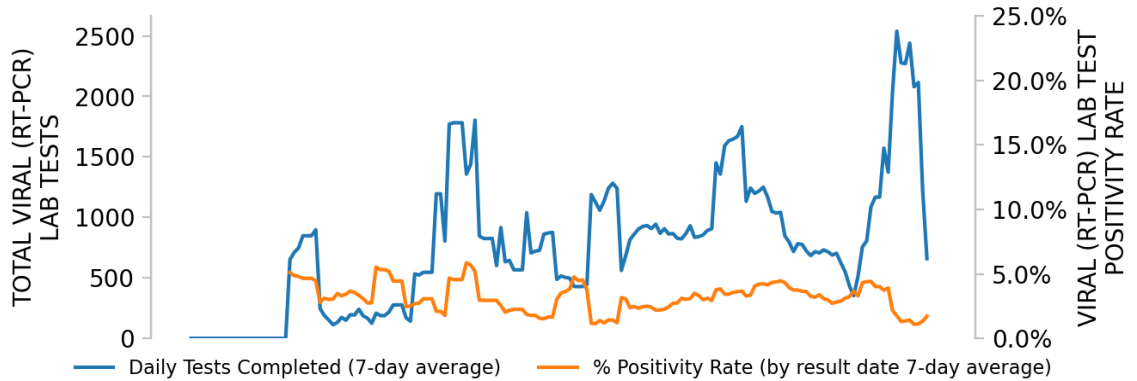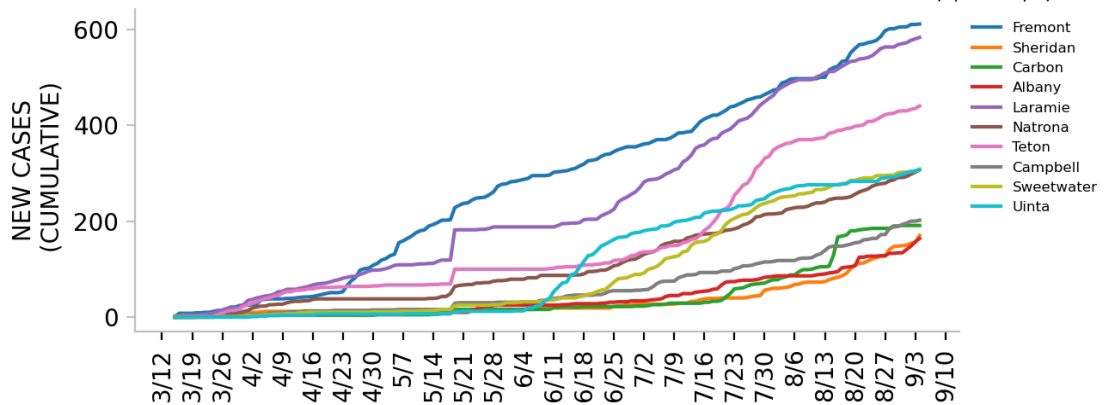
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NEW CASES ▶

COVID-19 CASES

— Daily COVID-19 Cases (7-day average) ■ Daily COVID-19 Cases

TESTING ▶

TOTAL VIRAL (RT-PCR) LAB TESTS

VIRAL (RT-PCR) LAB TEST POSITIVITY RATE

— Daily Tests Completed (7-day average) — % Positivity Rate (by result date 7-day average)

TOP COUNTIES ▶

Top counties based on greatest number of new cases in last three weeks (8/15 - 9/4)

NEW CASES (CUMULATIVE)

— Fremont
— Sheridan
— Carbon
— Albany
— Laramie
— Natrona
— Teton
— Campbell
— Sweetwater
— Uinta

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 9/4/2020.
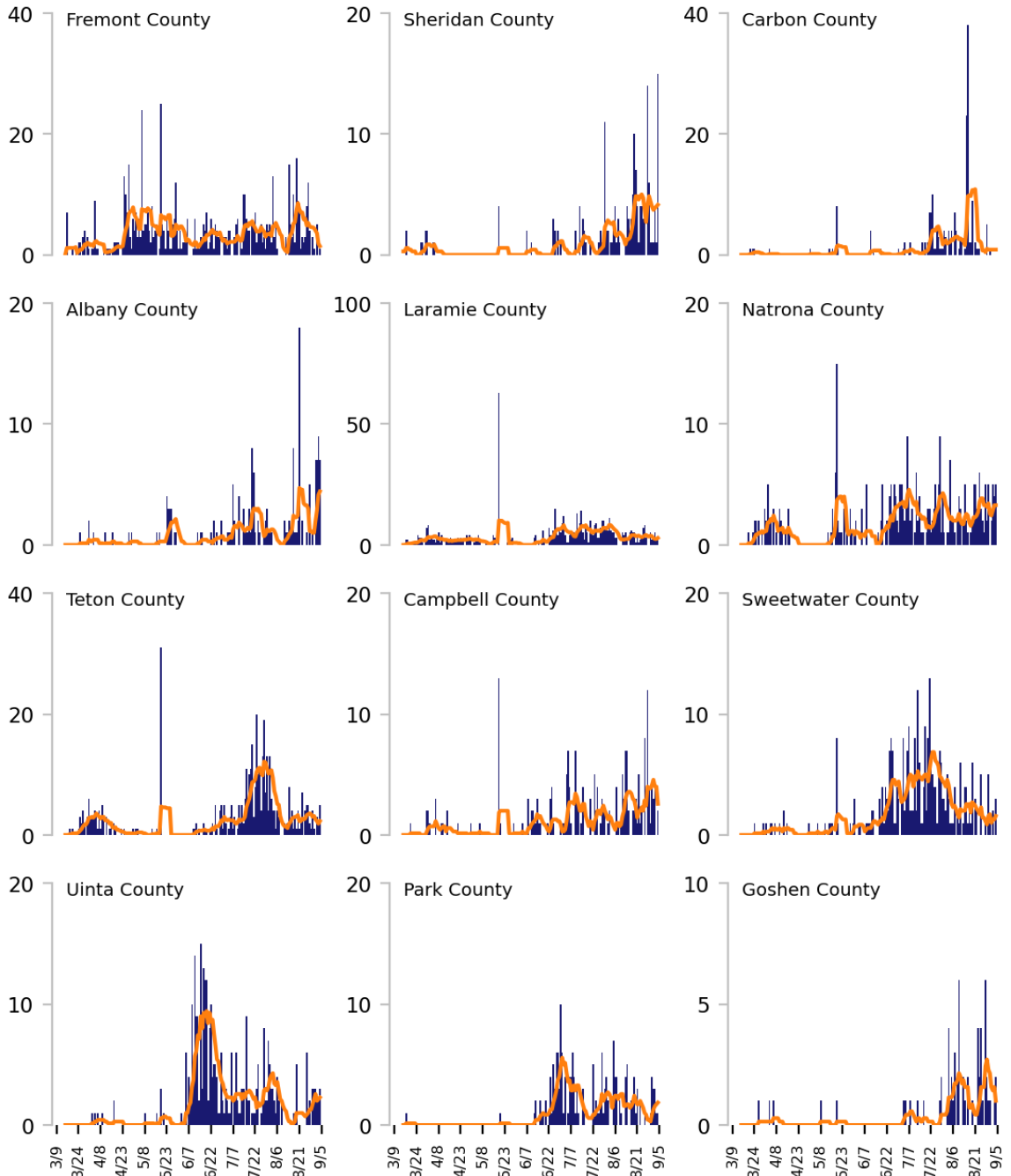**Testing:** CELR (COVID-19 Electronic Lab Reporting) state health department-reported data through 9/2/2020.

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

— Daily COVID-19 Cases (7-day average)   ■ Daily COVID-19 Cases

TOTAL DAILY CASES

Fremont County

Sheridan County

Carbon County

Albany County

Laramie County

Natrona County

Teton County

Campbell County

Sweetwater County

Uinta County

Park County

Goshen County

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 9/4/2020. Last 3 weeks is 8/15 - 9/4.
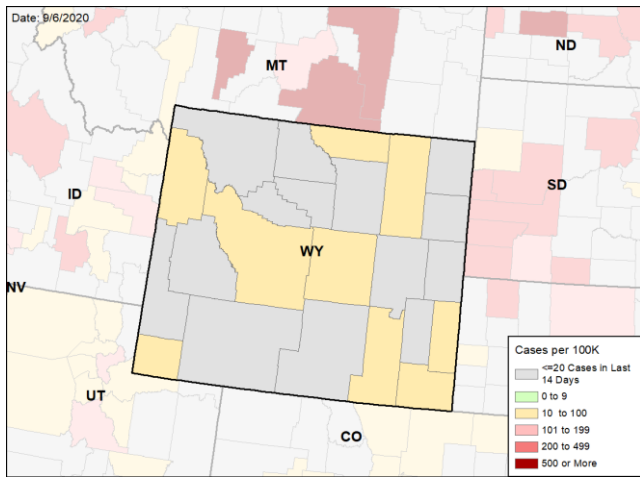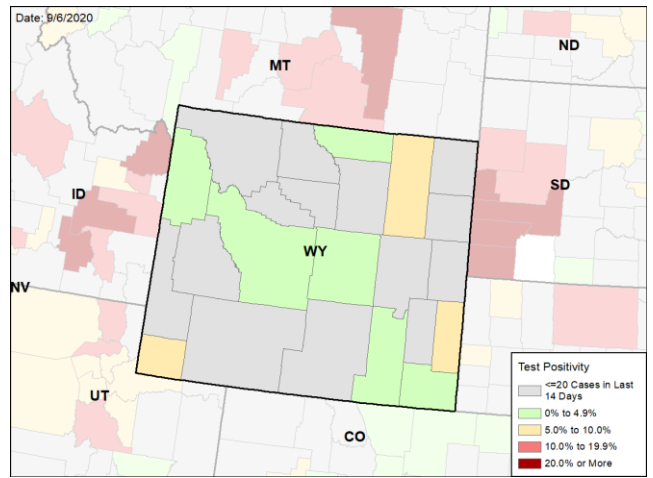
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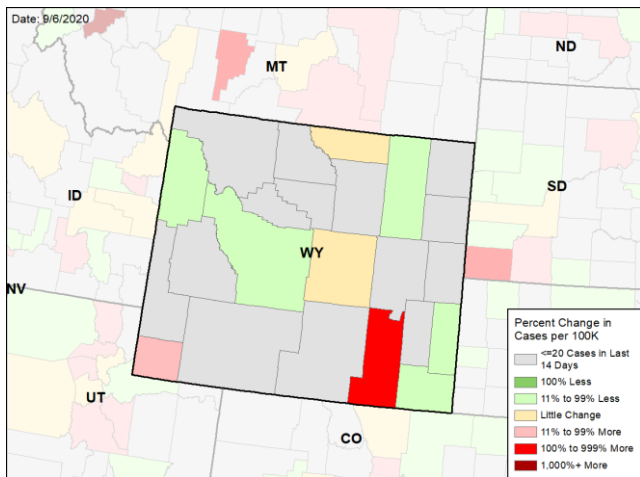## CASE RATES AND VIRAL LAB TEST POSITIVITY DURING THE LAST WEEK
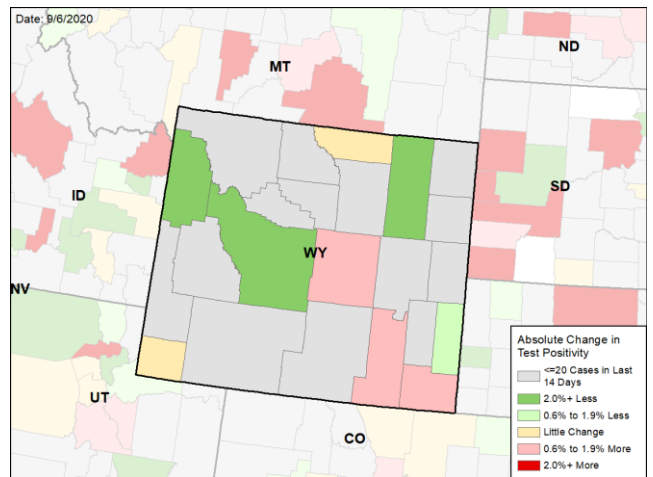
NEW CASES PER 100,000 DURING THE LAST WEEK

Date: 9/6/2020

Cases per 100K
- <=20 Cases in Last 14 Days
- 0 to 9
- 10 to 100
- 101 to 199
- 200 to 499
- 500 or More

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

Date: 9/6/2020

Test Positivity
- <=20 Cases in Last 14 Days
- 0% to 4.9%
- 5.0% to 10.0%
- 10.0% to 19.9%
- 20.0% or More

WEEKLY CHANGE IN NEW CASES PER 100K

Date: 9/6/2020

Percent Change in Cases per 100K
- <=20 Cases in Last 14 Days
- 100% Less
- 11% to 99% Less
- Little Change
- 11% to 99% More
- 100% to 999% More
- 1,000%+ More

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

Date: 9/6/2020

Absolute Change in Test Positivity
- <=20 Cases in Last 14 Days
- 2.0%+ Less
- 0.6% to 1.9% Less
- Little Change
- 0.6% to 1.9% More
- 2.0%+ More

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.
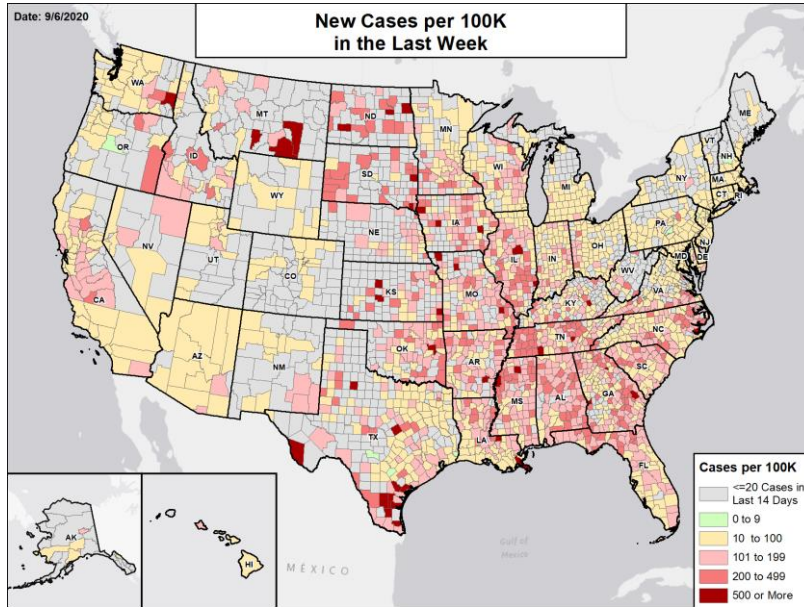**Cases:** State values are calculated by aggregating county-level data from USAFacts; therefore, the values may not match those reported directly by the state. Data is through 9/4/2020. Last week is 8/29 - 9/4, previous week is 8/22 - 8/28.
Testing: HHS Protect laboratory data (provided directly to Federal Government from public health labs, hospital labs, and commercial labs) through 9/2/2020. Last week is 8/27 - 9/2, previous week is 8/20 - 8/26.
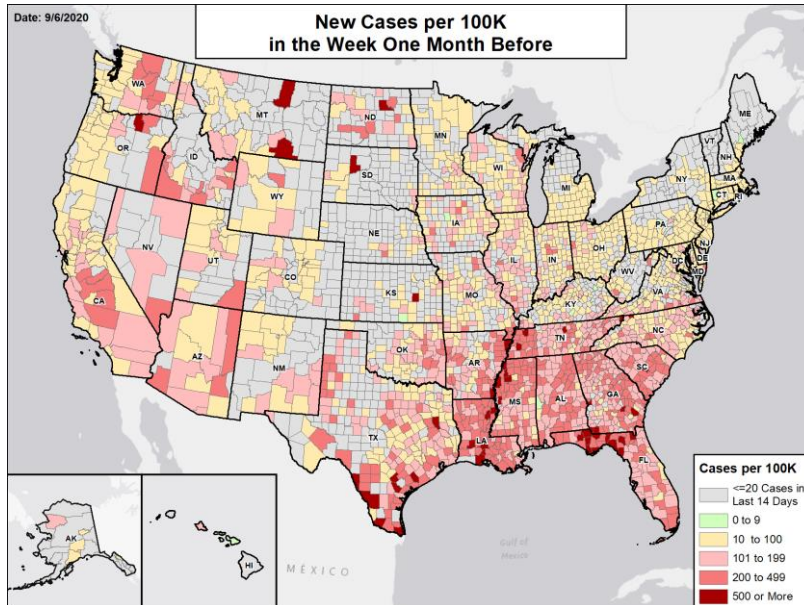
National Picture

NEW CASES PER 100,000 LAST WEEK

NEW CASES PER 100,000 IN THE WEEK ONE MONTH BEFORE

National Picture

VIRAL (RT-PCR) LAB TEST POSITIVITY LAST WEEK

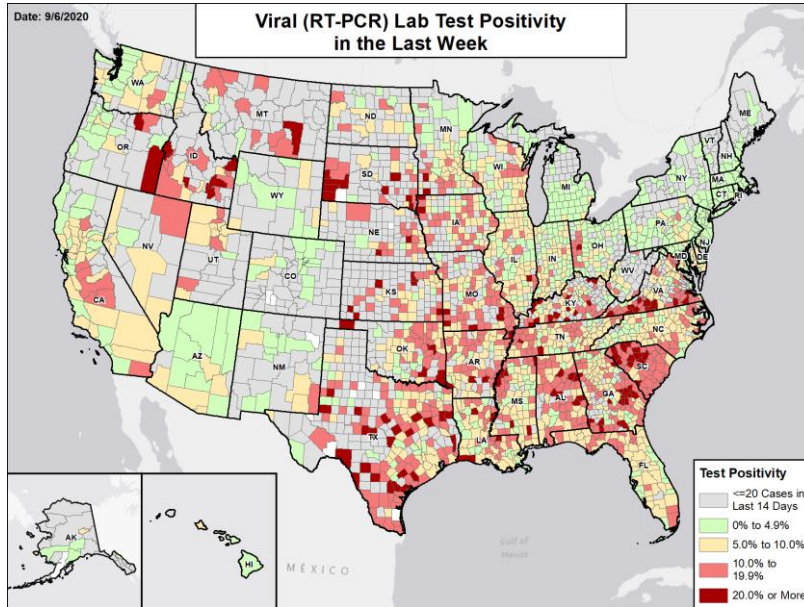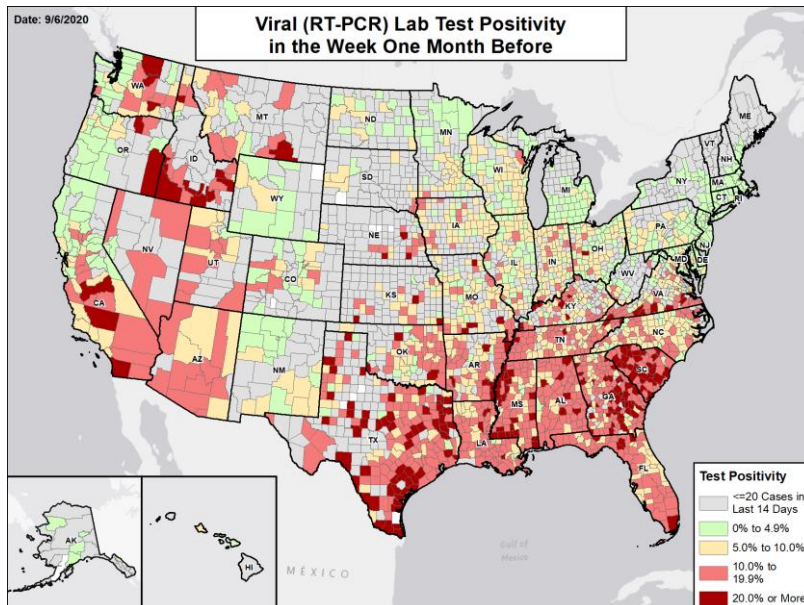### VIRAL (RT-PCR) LAB TEST POSITIVITY IN THE WEEK ONE MONTH BEFORE

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 9/2/2020. Last week is 8/27 - 9/2; the week one month before is 7/30 - 8/5.

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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)

Metric	Green	Yellow	Red
New cases per 100,000 population per week	<10	10-100	>100
Percent change in new cases per 100,000 population	<-10%	-10% - 10%	>10%
Diagnostic test result positivity rate	<5%	5%-10%	>10%
Change in test positivity	<-0.5%	-0.5%-0.5%	>0.5%
Total diagnostic tests resulted per 100,000 population per week	>1000	500-1000	<500
Percent change in tests per 100,000 population	>10%	-10% - 10%	<-10%
COVID-19 deaths per 100,000 population per week	<1	1-2	>2
Percent change in deaths per 100,000 population	<-10%	-10% - 10%	>10%
Skilled Nursing Facilities with at least one resident COVID-19 case, death	<1%	1%-5%	>5%
Change in SNFs with at least one resident COVID-19 case, death	<-1%	-1%-1%	>1%

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 22:00 EDT on 09/06/2020. 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 8/29 to 9/4; previous week data are from 8/22 to 8/28; the week one month before data are from 8/1 to 8/7.

- **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. 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 8/27 to 9/2; previous week data are from 8/20 to 8/26; the week one month before data are from 7/30 to 8/5. HHS Protect data is recent as of 11:30 EDT on 09/06/2020. Testing data are inclusive of everything received and processed by the CELR system as of 19:00 EDT on 09/05/2020.

- **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 13:00 EDT on 09/06/2020 and is through 9/4/2020.

- **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 15:00 EDT on 09/06/2020.

- **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 8/17-8/23, previous week is 8/24-8/30.