



ALABAMA

STATE REPORT | 07.19.2020

SUMMARY

- Alabama is in the red zone for cases, indicating more than 100 new cases per 100,000 population last week, and the red zone for test positivity, indicating a rate above 10%.
- Alabama has seen an increase in new cases and a decrease in testing positivity over the past week, but with testing delays this needs to be interpreted carefully.
- The following three counties had the highest number of new cases over the past 3 weeks: 1. Jefferson County, 2. Mobile County, and 3. Madison County. These counties represent 32.6 percent of new cases in Alabama.
- The epidemic is widespread across Alabama, from large and small cities to rural areas, with the majority of counties having a test positivity rate above 10%.
- Alabama had 257 new cases per 100,000 population in the past week, compared to a national average of 140 per 100,000.
- The federal government has deployed the following staff as assets to support the state response: 37 to support operations activities from FEMA; 2 from CDC; 1 to support operations activities from USCG; and 2 to support medical activities from VA.
- During Jul 15 - Jul 17, on average, 158 patients with confirmed COVID-19 and 193 patients with suspected COVID-19 were reported as newly admitted each day to hospitals in Alabama. An average of 86 percent of hospitals reported 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

- Continue weekly testing of all workers in assisted living and long-term care facilities and require masks and social distancing for all visitors.
- Continue mandating use of masks in all current and evolving hot spots.
- Close establishments where social distancing and mask use cannot occur such as bars.
- Move to outdoor dining and limit indoor dining to less than 25% of normal capacity.
- Ask citizens to limit social gatherings to 10 or fewer people.
- Encourage individuals that have participated in large social gatherings to get tested.
- Increase messaging regarding the risk of serious disease in all age groups with preexisting obesity, hypertension and diabetes mellitus.
- Continue the scale-up of testing, moving to community-led neighborhood testing. Work with local communities to implement and provide clear guidance for households that test positive, including on individual isolation procedures.
- Continue to enhance contact tracing and ensure the ability of cases and contacts to quarantine or isolate safely.
- Monitor testing data to identify additional sites of increased transmission and focus public health resources on them.
- Ensure public health lab is fully staffed and running 24/7 utilizing all platforms.
- Specific, detailed guidance on community mitigation measures can be found on the [CDC website](#).

The purpose of this report is to develop a shared understanding of the current status of the pandemic at the national, regional, state and local levels. We recognize that data at the state level may differ from that available at the federal level. Our objective is to use consistent data sources and methods that allow for comparisons to be made across localities. We appreciate your continued support in identifying data discrepancies and improving data completeness and sharing across systems. We look forward to your feedback.

** This figure may differ from state data due to differences in hospital lists between federal and state systems or inclusion of hospitals that are not admitting COVID-19 patients. We are working to incorporate feedback on an ongoing basis to update these figures. These data exclude psychiatric, rehabilitation, and religious non-medical hospitals.*



COVID-19



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	STATE, LAST WEEK	STATE, % CHANGE FROM PREVIOUS WEEK	FEMA/HHS REGION, LAST WEEK	UNITED STATES, LAST WEEK
NEW CASES (RATE PER 100,000)	12,583 (257)	+45.6%	169,342 (253)	460,366 (140)
DIAGNOSTIC TEST POSITIVITY RATE	17.8%	-1.5%*	15.5%	9.1%
TOTAL DIAGNOSTIC TESTS (TESTS PER 100,000)	91,493 (1,866)	+19.7%	990,405 (1,480)	4,940,998 (1,505)
COVID DEATHS (RATE PER 100,000)	161 (3)	+64.3%	1,549 (2)	5,122 (2)
SNFs WITH AT LEAST ONE COVID-19 CASE	24.4%	+0.1%	14.2%	10.0%

MOBILITY



* Indicates absolute change in percentage points

DATA SOURCES

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 7/17/2020; last week is 7/11 - 7/17, previous week is 7/4 - 7/10.

Testing: State-level values calculated by using 7-day rolling averages of reported tests. Regional- and national-level values calculated by using a 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 7/15/2020. Last week is 7/9 - 7/15, previous week is 7/2 - 7/8. Testing data are inclusive of everything received and processed by the CELR system as of 14:00 EDT on 07/19/2020. Some dates may be incomplete due to delays in reporting. Testing data may be backfilled over time, resulting in changes week-to-week in testing data. It is critical that states provide as up-to-date testing data as possible.

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; 100% represents the baseline mobility level. Data is anonymized and provided at the county level. Data through 7/16/2020.

SNFs: Skilled nursing facilities. National Healthcare Safety Network. Last week is 7/6-7/12, previous week is 6/29-7/5.



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LOCALITIES IN RED ZONE

LOCALITIES IN YELLOW ZONE

METRO AREA (CBSA) LAST WEEK

27

Top 12 shown (full list below)

Birmingham-Hoover
Huntsville
Mobile
Montgomery
Tuscaloosa
Daphne-Fairhope-Foley
Albertville
Auburn-Opelika
Decatur
Gadsden
Fort Payne
Florence-Muscle Shoals

0

N/A

COUNTY LAST WEEK

64

Top 12 shown (full list below)

Jefferson
Mobile
Madison
Montgomery
Tuscaloosa
Shelby
Baldwin
Marshall
Lee
Etowah
DeKalb
Morgan

3

Geneva
Greene
Coosa

All Red CBSAs: Birmingham-Hoover, Huntsville, Mobile, Montgomery, Tuscaloosa, Daphne-Fairhope-Foley, Albertville, Auburn-Opelika, Decatur, Gadsden, Fort Payne, Florence-Muscle Shoals, Anniston-Oxford, Columbus, Dothan, Jasper, Cullman, Atmore, Selma, Talladega-Sylacauga, Scottsboro, Ozark, LaGrange, Alexander City, Enterprise, Eufaula, Troy

All Red Counties: Jefferson, Mobile, Madison, Montgomery, Tuscaloosa, Shelby, Baldwin, Marshall, Lee, Etowah, DeKalb, Morgan, St. Clair, Calhoun, Limestone, Russell, Walker, Elmore, Cullman, Escambia, Dallas, Talladega, Lauderdale, Jackson, Houston, Colbert, Autauga, Dale, Blount, Covington, Chilton, Marion, Perry, Chambers, Franklin, Coffee, Randolph, Tallapoosa, Barbour, Pike, Monroe, Marengo, Winston, Clarke, Hale, Conecuh, Pickens, Bibb, Washington, Macon, Cherokee, Lawrence, Butler, Lowndes, Wilcox, Clay, Lamar, Fayette, Henry, Cleburne, Bullock, Choctaw, Sumter, Crenshaw

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 a diagnostic test positivity result above 10%.

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

Note: Top 12 locations are selected based on the highest number of new cases in the last three weeks.

DATA SOURCES

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 7/17/2020; last week is 7/11 - 7/17, three weeks is 6/27 - 7/17.

Testing: CELR (COVID-19 Electronic Lab Reporting) state health department-reported data through 7/15/2020. Last week is 7/9 - 7/15. Testing data may be backfilled over time, resulting in changes week-to-week in testing data. It is critical that states provide as up-to-date testing data as possible.

POLICY RECOMMENDATIONS FOR COUNTIES IN THE RED ZONE

Public Messaging

- Wear a mask at all times outside the home and maintain physical distance
- Limit social gatherings to 10 people or fewer
- Do not go to bars, nightclubs, or gyms
- Use take out or eat outdoors socially distanced
- Protect anyone with serious medical conditions at home by social distancing at home and using high levels of personal hygiene, including handwashing and cleaning surfaces
- Reduce your public interactions and activities to 25% of your normal activity

Public Officials

- Close bars and gyms, and create outdoor dining opportunities with pedestrian areas
- Limit social gatherings to 10 people or fewer
- Institute routine weekly testing of all workers in assisted living and long-term care facilities. Require masks for all staff and prohibit visitors
- Ensure that all business retailers and personal services require masks and can safely social distance
- Increase messaging on the risk of serious disease for individuals in all age groups with preexisting obesity, hypertension, and diabetes mellitus, and recommend to shelter in place
- Work with local community groups to provide targeted, tailored messaging to communities with high case rates, and increase community level testing
- Recruit more contact tracers as community outreach workers to ensure all cases are contacted and all positive households are individually tested within 24 hours
- Provide isolation facilities outside of households if COVID-positive individuals can't quarantine successfully

Testing

- Move to community-led neighborhood testing and work with local community groups to increase access to testing
- Surge testing and contact tracing resources to neighborhoods and zip codes with highest case rates
- **Diagnostic pooling:** Laboratories should use pooling of samples to increase testing access and reduce turnaround times to under 12 hours. Consider pools of 2-3 individuals in high incidence settings and 5:1 pools in setting where test positivity is under 10%
- **Surveillance pooling:** For family and cohabitating households, screen entire households in a single test by pooling specimens of all members into single collection device

POLICY RECOMMENDATIONS FOR COUNTIES IN THE YELLOW ZONE IN ORDER TO PREEMPT EXPONENTIAL COMMUNITY SPREAD

Public Messaging

- Wear a mask at all times outside the home and maintain physical distance
- Limit social gatherings to 25 people or fewer
- Do not go to bars or nightclubs
- Use take out, outdoor dining or indoor dining when strict social distancing can be maintained
- Protect anyone with serious medical conditions at home by social distancing at home and using high levels of personal hygiene
- Reduce your public interactions and activities to 50% of your normal activity

Public Officials

- Limit gyms to 25% occupancy and close bars until percent positive rates are under 3%; create outdoor dining opportunities with pedestrian areas
- Limit social gatherings to 25 people or fewer
- Institute routine weekly testing of all workers in assisted living and long-term care facilities. Require masks for all staff and prohibit visitors
- Ensure that all business retailers and personal services require masks and can safely social distance
- Increase messaging on the risk of serious disease for individuals in all age groups with preexisting obesity, hypertension, and diabetes mellitus, and recommend to shelter in place
- Work with local community groups to provide targeted, tailored messaging to communities with high case rates, and increase community level testing
- Recruit more contact tracers as community outreach workers to ensure all cases are contacted and all positive households are individually tested within 24 hours
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Testing

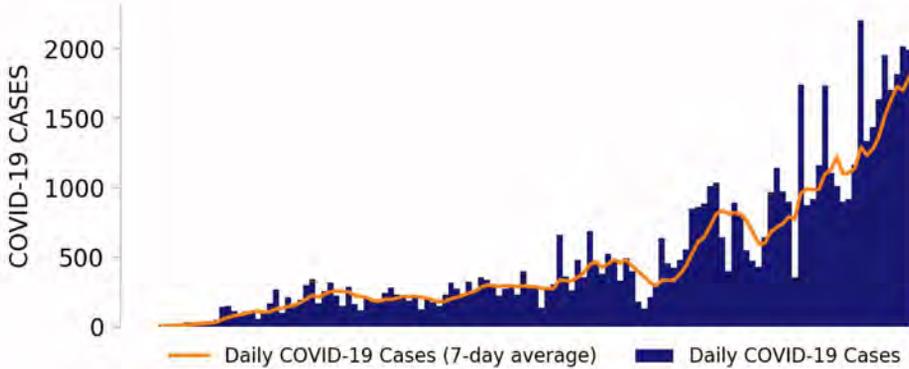
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- Surge testing and contact tracing resources to neighborhoods and zip codes with highest case rates
- **Diagnostic pooling:** Laboratories should use pooling of samples to increase testing access and reduce turnaround times to under 12 hours. Consider pools of 3-5 individuals
- **Surveillance pooling:** For family and cohabitating households, screen entire households in a single test by pooling specimens of all members into single collection device



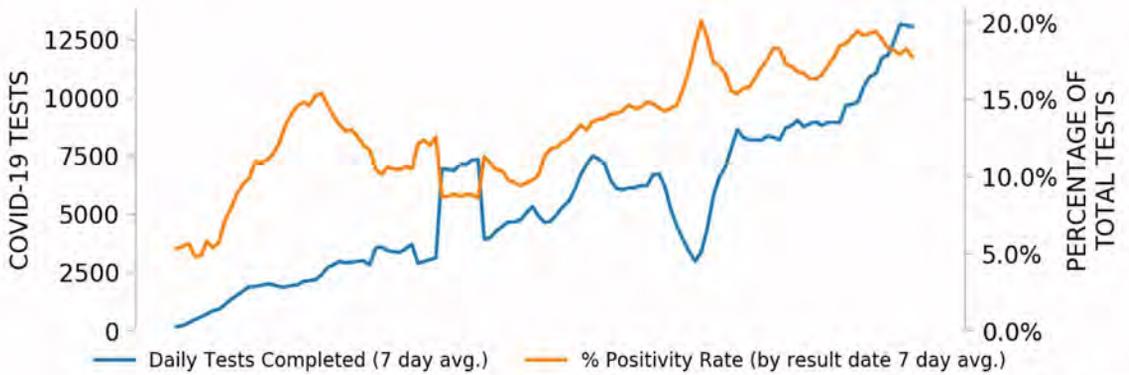
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NEW CASES

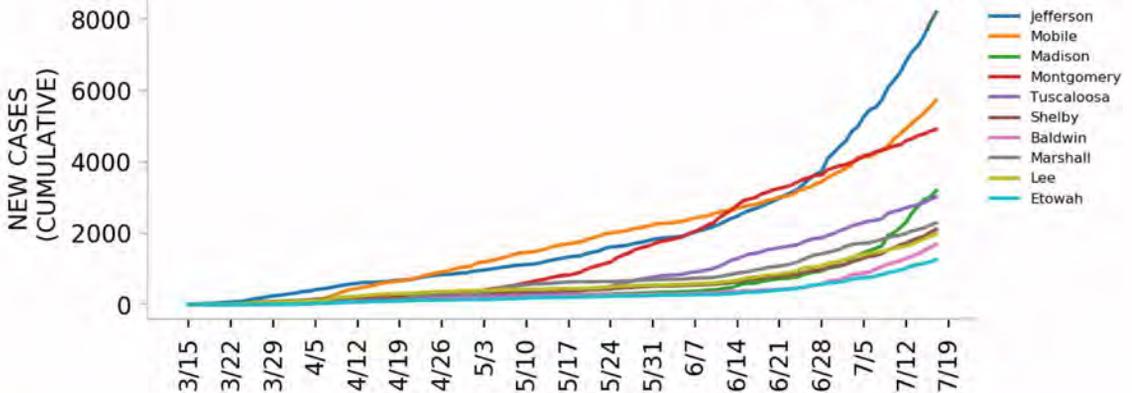


TESTING



Top counties based on greatest number of new cases in last three weeks (6/27 - 7/17)

TOP COUNTIES



DATA SOURCES

Cases: County-level data from USAFacts. 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 7/17/2020.

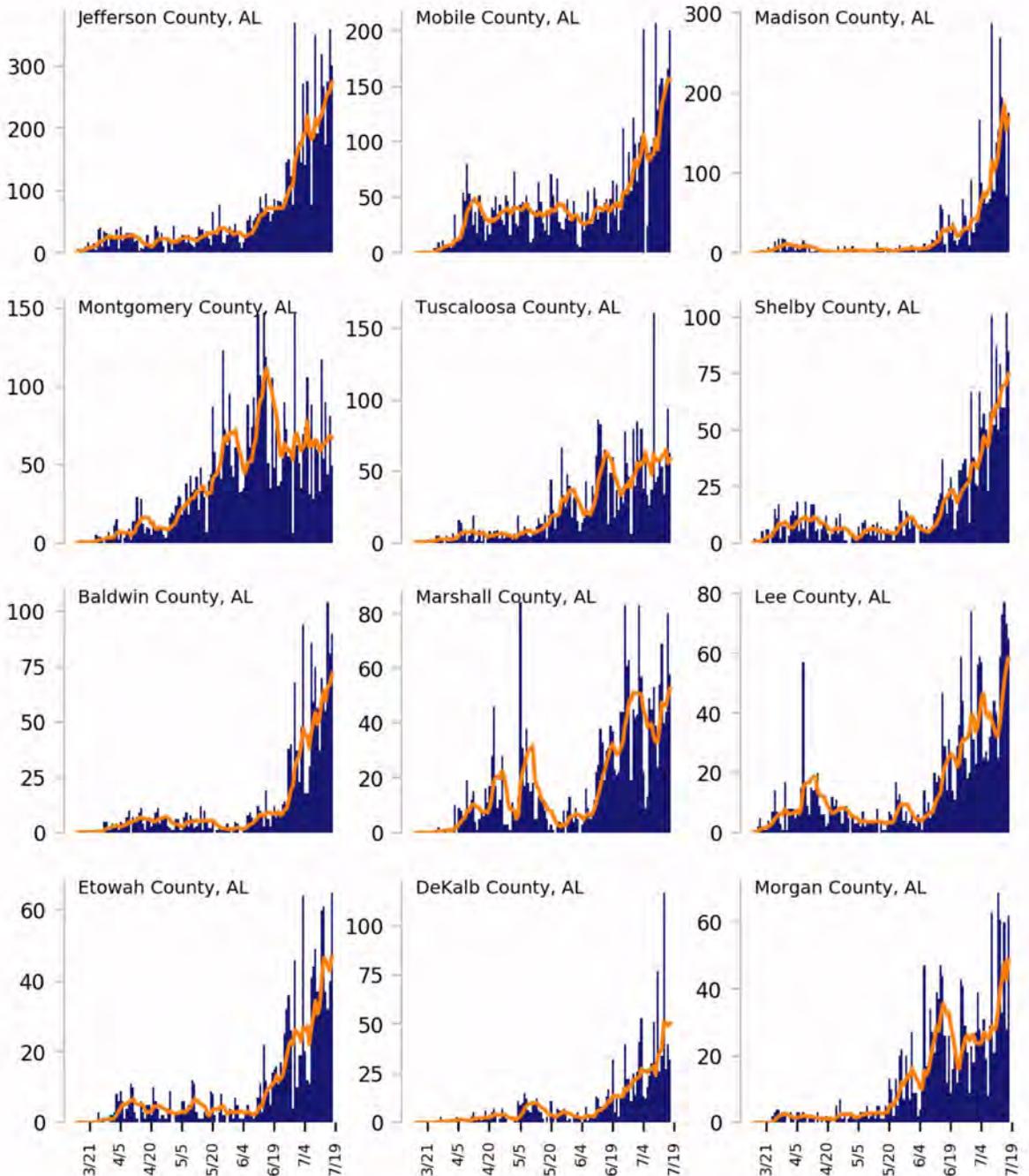
Testing: CELR (COVID-19 Electronic Lab Reporting) state health department-reported data through 7/15/2020.



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



DATA SOURCES

Cases: County-level data from USAFacts through 7/17/2020. Last 3 weeks is 6/27 - 7/17.

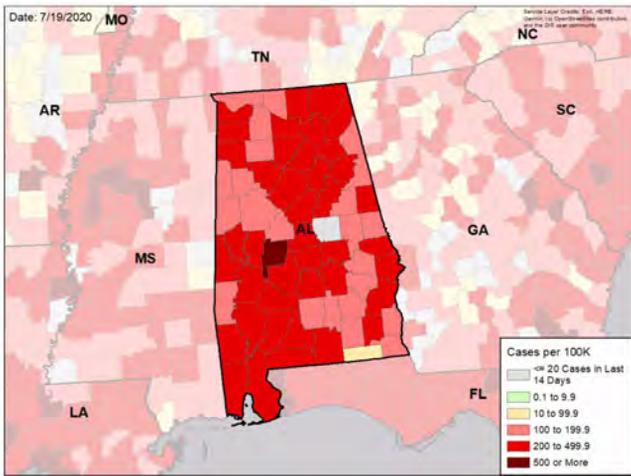


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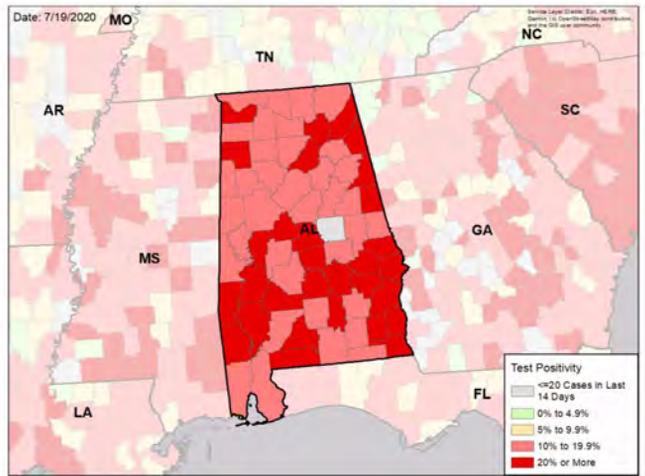
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CASE RATES AND DIAGNOSTIC TEST POSITIVITY DURING THE LAST WEEK

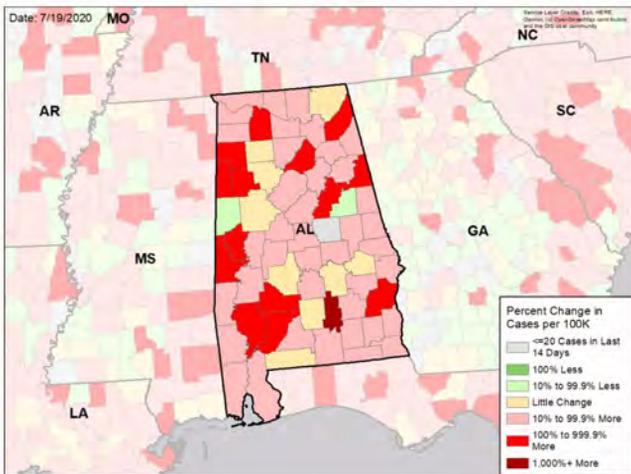
NEW CASES PER 100,000 DURING LAST WEEK



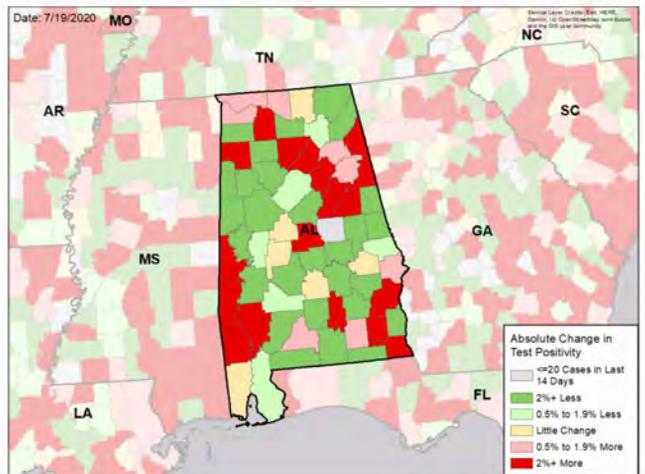
TEST POSITIVITY DURING LAST WEEK



WEEKLY % CHANGE IN NEW CASES PER 100K



WEEKLY CHANGE IN TEST POSITIVITY



DATA SOURCES

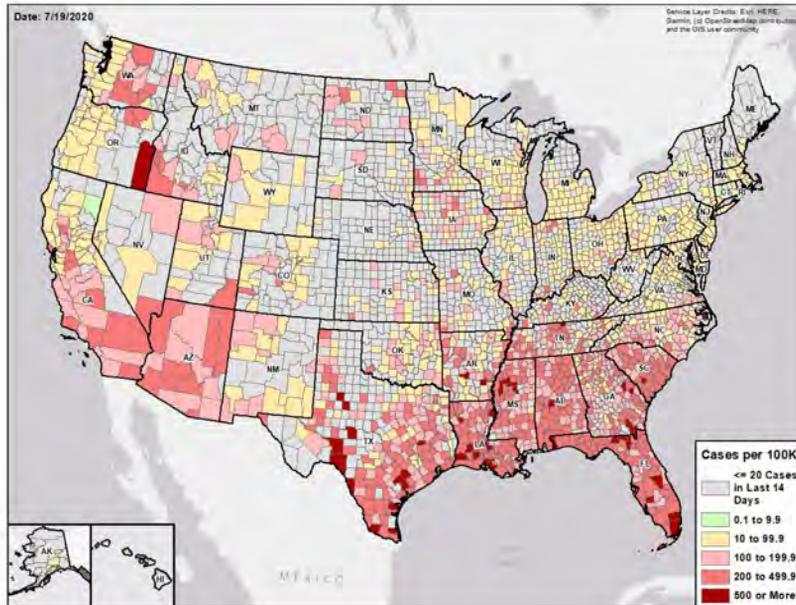
Cases: County-level data from USAFacts through 7/17/2020. Last week is 7/11 - 7/17, previous week is 7/4 - 7/10

Testing: CELR (COVID-19 Electronic Lab Reporting) state health department-reported data through 7/15/2020. Last week is 7/9 - 7/15, previous week is 7/2 - 7/8. Testing data may be backfilled over time, resulting in changes week-to-week in testing data. It is critical that states provide as up-to-date testing data as possible.

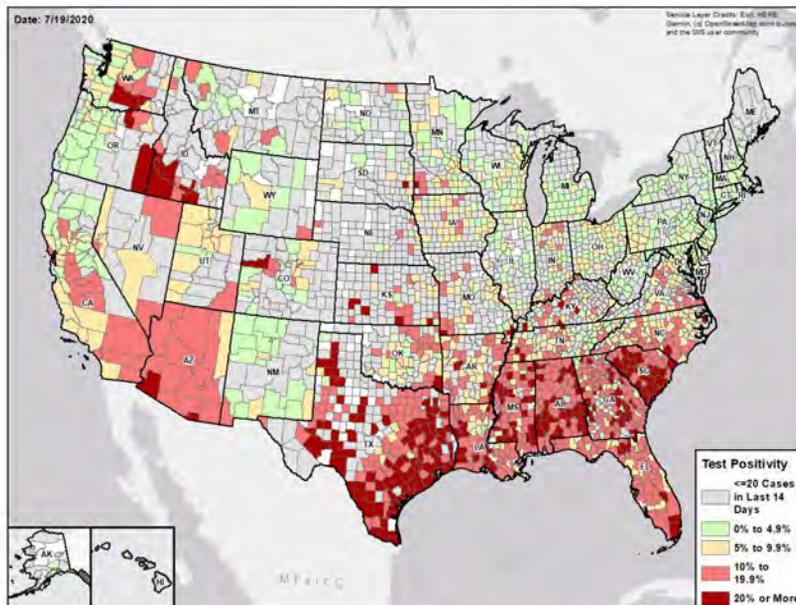


National Picture

NEW CASES PER 100,000 LAST WEEK



TEST POSITIVITY LAST WEEK



DATA SOURCES

Cases: County-level data from USAFacts through 7/17/2020. Last week is 7/11 - 7/17

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 7/15/2020. Last week is 7/9 - 7/15. Testing data may be backfilled over time, resulting in changes week-to-week in testing data. It is critical that states provide as up-to-date testing data as possible.



Methods

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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	<0.5	0.5-2	>2
Percent change in deaths per 100,000 population	<-10%	-10% - 10%	>10%
Skilled Nursing Facilities with at least one COVID-19 case	0%	0.1%-5%	>5%
Change in SNFs with at least one COVID-19 case	<-0.5%	-0.5%-0.5%	>0.5%

DATA NOTES

- Cases and deaths:** County-level data from USAFacts as of 13:00 EDT on 07/18/2020. 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 7/11 to 7/17; previous week data are from 7/4 to 7/10.
- Testing:** CELR (COVID-19 Electronic Lab Reporting) state health department-reported data are used to describe state-level totals when able to be disaggregated from serology test results and to describe county-level 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. Total diagnostic tests are the number of tests performed, not the number of individuals tested. Diagnostic test positivity rate is the number of positive tests divided by the number of tests performed and resulted. Last week data are from 7/9 to 7/15; previous week data are from 7/2 to 7/8. HHS Protect data is recent as of 16:30 EDT on 07/19/2020. Testing data are inclusive of everything received and processed by the CELR system as of 14:00 EDT on 07/19/2020. Testing data may be backfilled over time, resulting in changes week-to-week in testing data. It is critical that states provide as up-to-date testing data as possible.
- 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; 100% represents the baseline mobility level. Data is recent as of 13:00 EDT on 07/18/2020 and through 7/16/2020.
- 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.
- Skilled Nursing Facilities:** National Healthcare Safety Network (NHSN). 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 analysis. Also note that data presented by NHSN is more recent than the data publicly posted by CMS. Therefore, data presented may differ slightly from those publicly posted by CMS.



ALASKA

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SUMMARY

- Alaska is in the yellow zone for cases, indicating between 10 to 100 new cases per 100,000 population last week, and the green zone for test positivity, indicating a rate below 5%.
- Alaska has seen an increase in new cases and stability in testing positivity over the past week.
- The following three boroughs had the highest number of new cases over the past 3 weeks: 1. Anchorage Municipality, 2. Fairbanks North Star Borough, and 3. Matanuska-Susitna Borough. These boroughs represent 79.8 percent of new cases in Alaska.
- Alaska had 55 new cases per 100,000 population in the past week, compared to a national average of 140 per 100,000.
- The federal government has deployed the following staff as assets to support the state response: 17 to support operations activities from FEMA; 4 from CDC; and 21 to support operations activities from USCG.
- During Jul 15 - Jul 17, on average, 0 patients with confirmed COVID-19 and 12 patients with suspected COVID-19 were reported as newly admitted each day to hospitals in Alaska. An average of 62 percent of hospitals reported 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

- Emphasize continued need for social distancing (at least 6 ft) and face masks for people in public, especially indoor spaces.
- Mandate wearing of face masks for all people leaving their homes in large population centers with increasing case counts: Anchorage, Fairbanks North Star, Kenai Peninsula and Matanuska-Susitna.
- Investigate possible outbreaks aggressively, particularly in areas with increasing case counts, including the above plus the Nome Census Area.
- Intensify contact tracing, with timely quarantine of contacts and isolation of cases, especially in boroughs with increasing case counts.
- Continue testing program in congregate settings where there is an increased risk for transmission or severe disease, including seafood workers and long-term care facilities. Require staff in long-term care facilities to wear face masks while working.
- Protect those in nursing homes and long-term care facilities by assuring access to rapid facility-wide testing in response to a resident or staff member with COVID-19. Address staff and supply shortages. Ensure social distancing and universal facemask use.
- Specific, detailed guidance on community mitigation measures can be found on the [CDC website](#).

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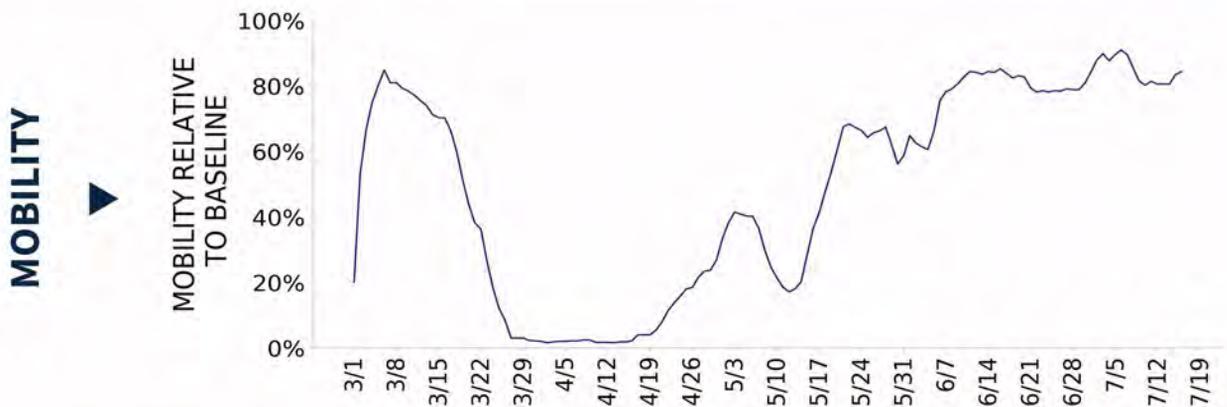
COVID-19



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NEW CASES (RATE PER 100,000)	403 (55)	+46.5%	12,456 (87)	460,366 (140)
DIAGNOSTIC TEST POSITIVITY RATE	2.3%	+0.5%*	10.0%	9.1%
TOTAL DIAGNOSTIC TESTS (TESTS PER 100,000)	26,050 (3,561)	+40.0%	176,868 (1,232)	4,940,998 (1,505)
COVID DEATHS (RATE PER 100,000)	3 (0)	N/A	83 (1)	5,122 (2)
SNFs WITH AT LEAST ONE COVID-19 CASE	0.0%	+0.0%	5.3%	10.0%



* Indicates absolute change in percentage points

DATA SOURCES

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SNFs: Skilled nursing facilities. National Healthcare Safety Network. Last week is 7/6-7/12, previous week is 6/29-7/5.



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LOCALITIES IN RED ZONE

LOCALITIES IN YELLOW ZONE

METRO AREA (CBSA) LAST WEEK

0

N/A

0

N/A

BOROUGH LAST WEEK

0

N/A

1

North Slope

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

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

Note: Top 12 locations are selected based on the highest number of new cases in the last three weeks.

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POLICY RECOMMENDATIONS FOR COUNTIES IN THE RED ZONE

Public Messaging

- Wear a mask at all times outside the home and maintain physical distance
- Limit social gatherings to 10 people or fewer
- Do not go to bars, nightclubs, or gyms
- Use take out or eat outdoors socially distanced
- Protect anyone with serious medical conditions at home by social distancing at home and using high levels of personal hygiene, including handwashing and cleaning surfaces
- Reduce your public interactions and activities to 25% of your normal activity

Public Officials

- Close bars and gyms, and create outdoor dining opportunities with pedestrian areas
- Limit social gatherings to 10 people or fewer
- Institute routine weekly testing of all workers in assisted living and long-term care facilities. Require masks for all staff and prohibit visitors
- Ensure that all business retailers and personal services require masks and can safely social distance
- Increase messaging on the risk of serious disease for individuals in all age groups with preexisting obesity, hypertension, and diabetes mellitus, and recommend to shelter in place
- Work with local community groups to provide targeted, tailored messaging to communities with high case rates, and increase community level testing
- Recruit more contact tracers as community outreach workers to ensure all cases are contacted and all positive households are individually tested within 24 hours
- Provide isolation facilities outside of households if COVID-positive individuals can't quarantine successfully

Testing

- Move to community-led neighborhood testing and work with local community groups to increase access to testing
- Surge testing and contact tracing resources to neighborhoods and zip codes with highest case rates
- **Diagnostic pooling:** Laboratories should use pooling of samples to increase testing access and reduce turnaround times to under 12 hours. Consider pools of 2-3 individuals in high incidence settings and 5:1 pools in setting where test positivity is under 10%
- **Surveillance pooling:** For family and cohabitating households, screen entire households in a single test by pooling specimens of all members into single collection device

POLICY RECOMMENDATIONS FOR COUNTIES IN THE YELLOW ZONE IN ORDER TO PREEMPT EXPONENTIAL COMMUNITY SPREAD

Public Messaging

- Wear a mask at all times outside the home and maintain physical distance
- Limit social gatherings to 25 people or fewer
- Do not go to bars or nightclubs
- Use take out, outdoor dining or indoor dining when strict social distancing can be maintained
- Protect anyone with serious medical conditions at home by social distancing at home and using high levels of personal hygiene
- Reduce your public interactions and activities to 50% of your normal activity

Public Officials

- Limit gyms to 25% occupancy and close bars until percent positive rates are under 3%; create outdoor dining opportunities with pedestrian areas
- Limit social gatherings to 25 people or fewer
- Institute routine weekly testing of all workers in assisted living and long-term care facilities. Require masks for all staff and prohibit visitors
- Ensure that all business retailers and personal services require masks and can safely social distance
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Testing

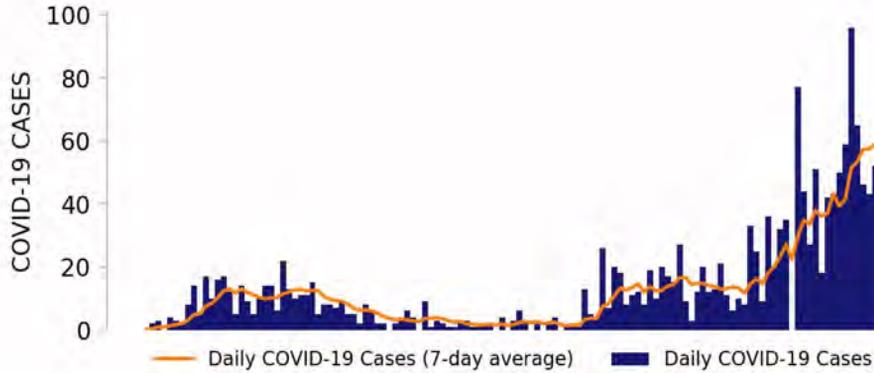
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- **Diagnostic pooling:** Laboratories should use pooling of samples to increase testing access and reduce turnaround times to under 12 hours. Consider pools of 3-5 individuals
- **Surveillance pooling:** For family and cohabitating households, screen entire households in a single test by pooling specimens of all members into single collection device



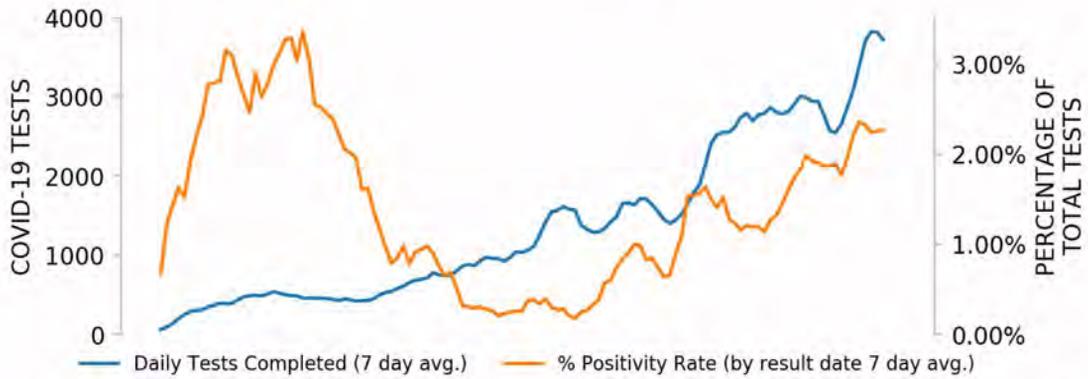
ALASKA

STATE REPORT | 07.19.2020

NEW CASES

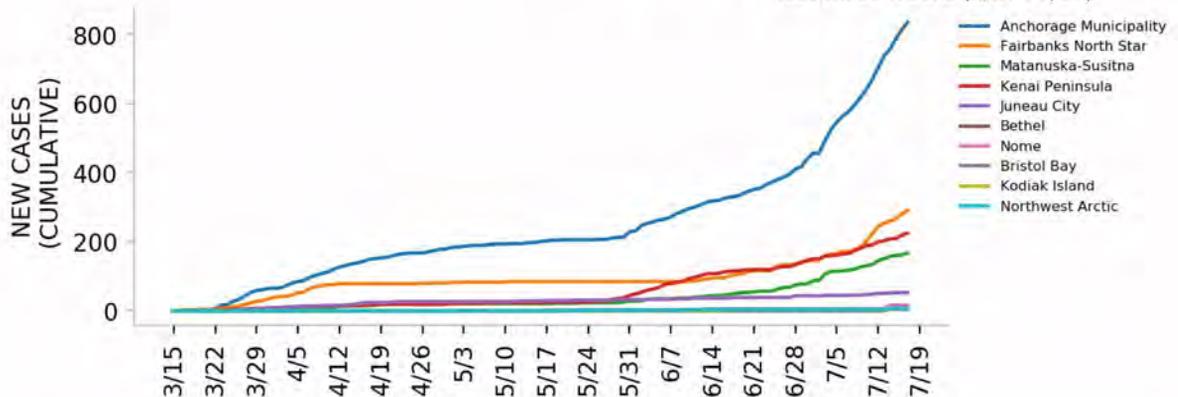


TESTING



Top boroughs based on greatest number of new cases in last three weeks (6/27 - 7/17)

TOP BOROUGHES



DATA SOURCES

Cases: Borough-level data from USAFacts. State values are calculated by aggregating borough-level data from USAFacts; therefore, the values may not match those reported directly by the state. Data is through 7/17/2020.

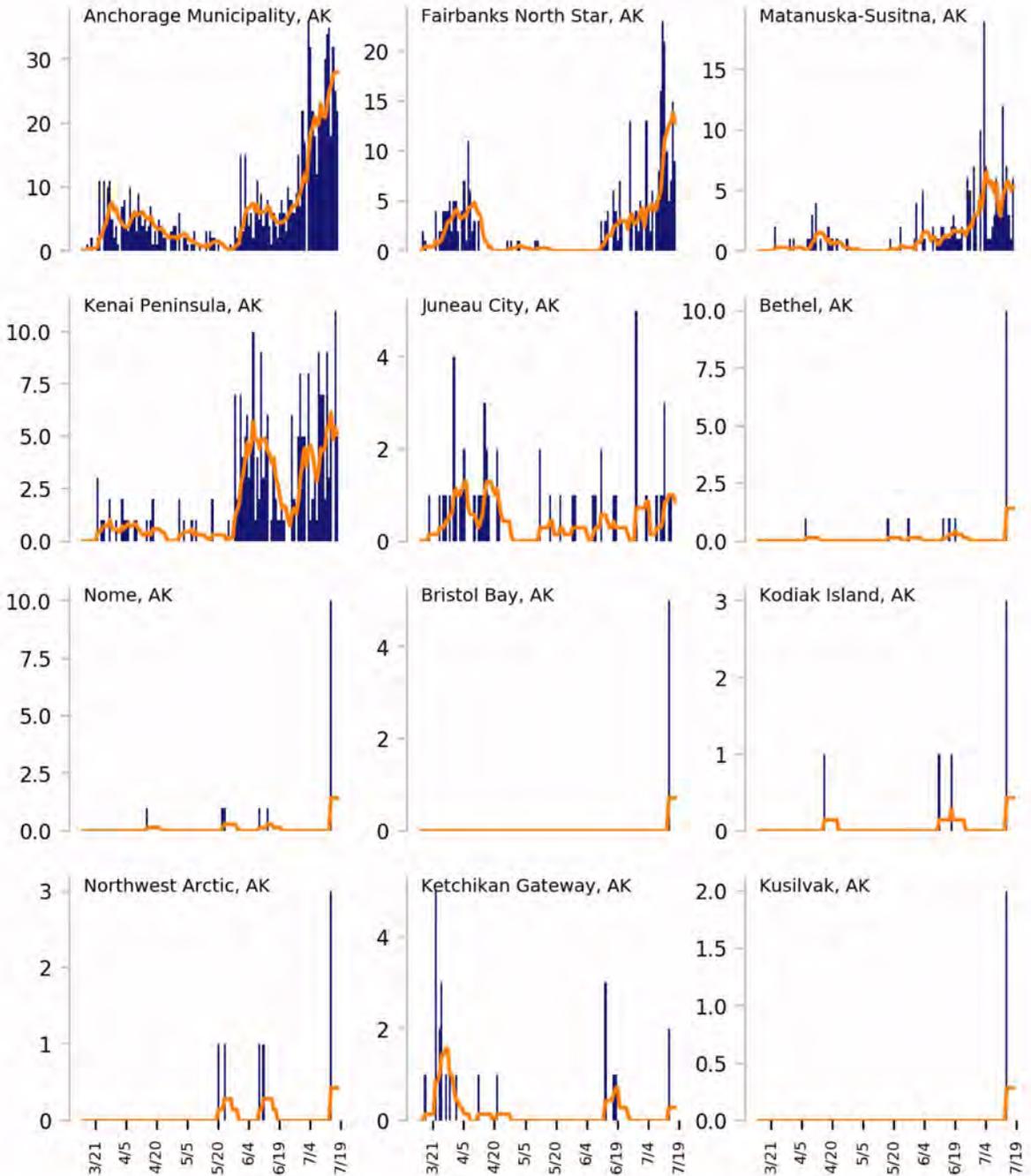
Testing: CELR (COVID-19 Electronic Lab Reporting) state health department-reported data through 7/15/2020.



Top 12 boroughs 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



DATA SOURCES

Cases: Borough-level data from USAFacts through 7/17/2020. Last 3 weeks is 6/27 - 7/17.

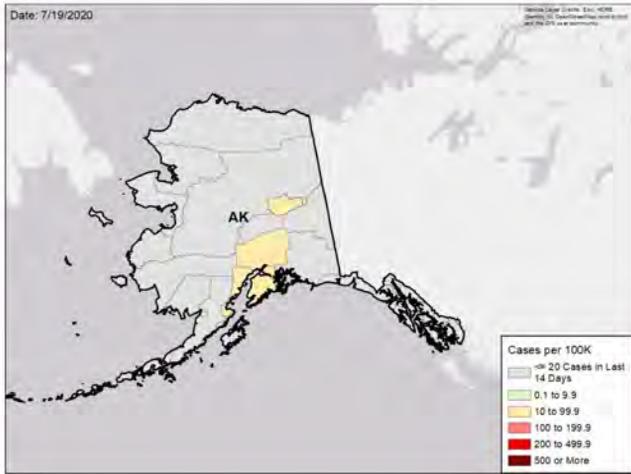


ALASKA

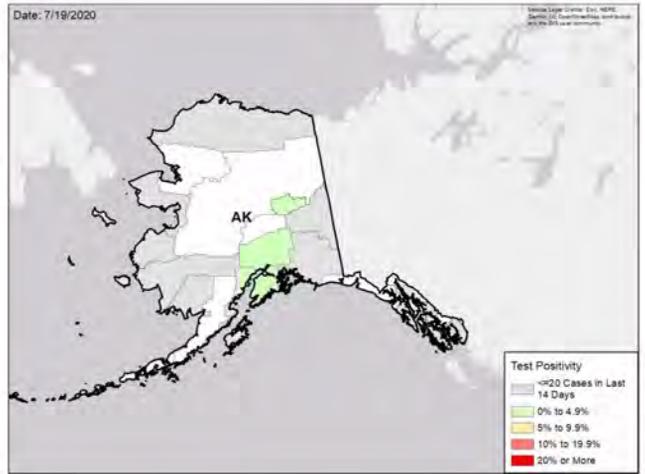
STATE REPORT | 07.19.2020

CASE RATES AND DIAGNOSTIC TEST POSITIVITY DURING THE LAST WEEK

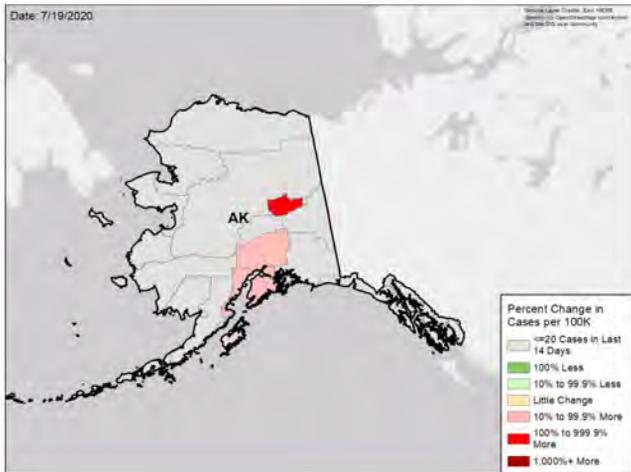
NEW CASES PER 100,000 DURING LAST WEEK



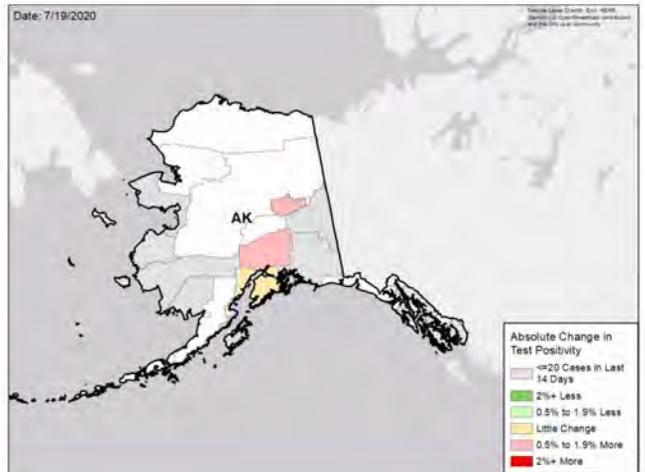
TEST POSITIVITY DURING LAST WEEK



WEEKLY % CHANGE IN NEW CASES PER 100K



WEEKLY CHANGE IN TEST POSITIVITY



DATA SOURCES

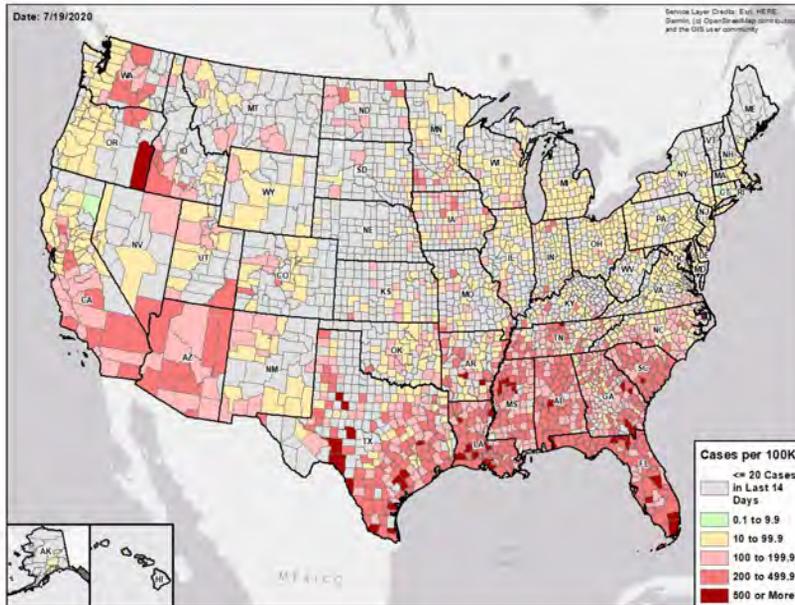
Cases: Borough-level data from USAFacts through 7/17/2020. Last week is 7/11 - 7/17, previous week is 7/4 - 7/10

Testing: CELR (COVID-19 Electronic Lab Reporting) state health department-reported data through 7/15/2020. Last week is 7/9 - 7/15, previous week is 7/2 - 7/8. Testing data may be backfilled over time, resulting in changes week-to-week in testing data. It is critical that states provide as up-to-date testing data as possible.

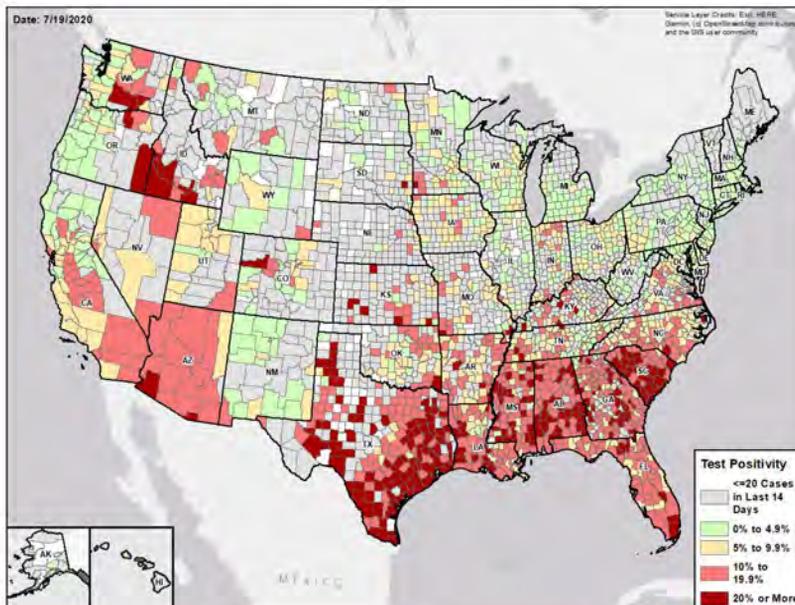


National Picture

NEW CASES PER 100,000 LAST WEEK



TEST POSITIVITY LAST WEEK



DATA SOURCES

Cases: County-level data from USAFacts through 7/17/2020. Last week is 7/11 - 7/17

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 7/15/2020. Last week is 7/9 - 7/15. Testing data may be backfilled over time, resulting in changes week-to-week in testing data. It is critical that states provide as up-to-date testing data as possible.



Methods

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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	<0.5	0.5-2	>2
Percent change in deaths per 100,000 population	<-10%	-10% - 10%	>10%
Skilled Nursing Facilities with at least one COVID-19 case	0%	0.1%-5%	>5%
Change in SNFs with at least one COVID-19 case	<-0.5%	-0.5%-0.5%	>0.5%

DATA NOTES

- Cases and deaths:** County-level data from USAFacts as of 13:00 EDT on 07/18/2020. 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 7/11 to 7/17; previous week data are from 7/4 to 7/10.
- Testing:** CELR (COVID-19 Electronic Lab Reporting) state health department-reported data are used to describe state-level totals when able to be disaggregated from serology test results and to describe county-level 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. Total diagnostic tests are the number of tests performed, not the number of individuals tested. Diagnostic test positivity rate is the number of positive tests divided by the number of tests performed and resulted. Last week data are from 7/9 to 7/15; previous week data are from 7/2 to 7/8. HHS Protect data is recent as of 16:30 EDT on 07/19/2020. Testing data are inclusive of everything received and processed by the CELR system as of 14:00 EDT on 07/19/2020. Testing data may be backfilled over time, resulting in changes week-to-week in testing data. It is critical that states provide as up-to-date testing data as possible.
- 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; 100% represents the baseline mobility level. Data is recent as of 13:00 EDT on 07/18/2020 and through 7/16/2020.
- 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.
- Skilled Nursing Facilities:** National Healthcare Safety Network (NHSN). 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 analysis. Also note that data presented by NHSN is more recent than the data publicly posted by CMS. Therefore, data presented may differ slightly from those publicly posted by CMS.



ARIZONA

STATE REPORT | 07.19.2020

SUMMARY

- Arizona is in the red zone for cases, indicating more than 100 new cases per 100,000 population last week, and the red zone for test positivity, indicating a rate above 10%.
- Arizona has seen a decrease in new cases and a decrease in testing positivity over the past week.
- The following three counties had the highest number of new cases over the past 3 weeks: 1. Maricopa County, 2. Pima County, and 3. Yuma County. These counties represent 86.3 percent of new cases in Arizona.
- Arizona had 297 new cases per 100,000 population in the past week, compared to a national average of 140 per 100,000.
- The federal government has deployed the following staff as assets to support the state response: 10 to support operations activities from FEMA; 150 to support medical activities from ASPR; 2 to support operations activities from ASPR; 6 from CDC; 1 to support operations activities from USCG; 63 to support medical activities from VA; and 3 to support operations activities from VA.
- The federal government has supported a surge testing site in Phoenix.
- During Jul 15 - Jul 17, on average, 149 patients with confirmed COVID-19 and 259 patients with suspected COVID-19 were reported as newly admitted each day to hospitals in Arizona. An average of 61 percent of hospitals reported 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

- Continue weekly testing of all workers in assisted living and long-term care facilities and require masks and social distancing for all visitors.
- Mandate public use of masks in all current and evolving hot spots.
- Continue bar and gym closures in hot spot counties.
- Move to outdoor dining and limit indoor dining to less than 25% of normal capacity.
- Ask citizens to limit social gatherings to 10 or fewer people.
- Encourage individuals that have participated in large social gatherings to get tested.
- Increase messaging regarding the risk of serious disease in all age groups with preexisting obesity, hypertension, and diabetes mellitus.
- Continue the scale-up of testing, moving to community-led neighborhood testing and pooled household testing in Maricopa, Pima, and Yuma counties.
- Work with local communities to implement and provide clear guidance for households that test positive, including on individual isolation procedures.
- Continue to enhance contact tracing and ensure the ability of cases and contacts to quarantine or isolate safely.
- Monitor testing data to identify additional sites of increased transmission and focus public health resources on them.
- Test households in one tube with rapid turnaround testing. For households that test positive, isolate and conduct follow-up individual tests.
- Expand testing capacity in public health labs, adding shifts and weekend shifts to decrease turnaround times; institute 2:1 pooling of test specimens.
- Tribal Nations: Continued enforcement of social distancing and masking measures in areas of increased transmission. Continue enhanced testing activities. Support 100% pooled testing in households with isolation for positive households to ensure all outbreaks are immediately curtailed. Increase supplies of Abbott ID Now to test individuals in positive households.
- Specific, detailed guidance on community mitigation measures can be found on the [CDC website](#).

The purpose of this report is to develop a shared understanding of the current status of the pandemic at the national, regional, state and local levels. We recognize that data at the state level may differ from that available at the federal level. Our objective is to use consistent data sources and methods that allow for comparisons to be made across localities. We appreciate your continued support in identifying data discrepancies and improving data completeness and sharing across systems. We look forward to your feedback.

** This figure may differ from state data due to differences in hospital lists between federal and state systems or inclusion of hospitals that are not admitting COVID-19 patients. We are working to incorporate feedback on an ongoing basis to update these figures. These data exclude psychiatric, rehabilitation, and religious non-medical hospitals.*



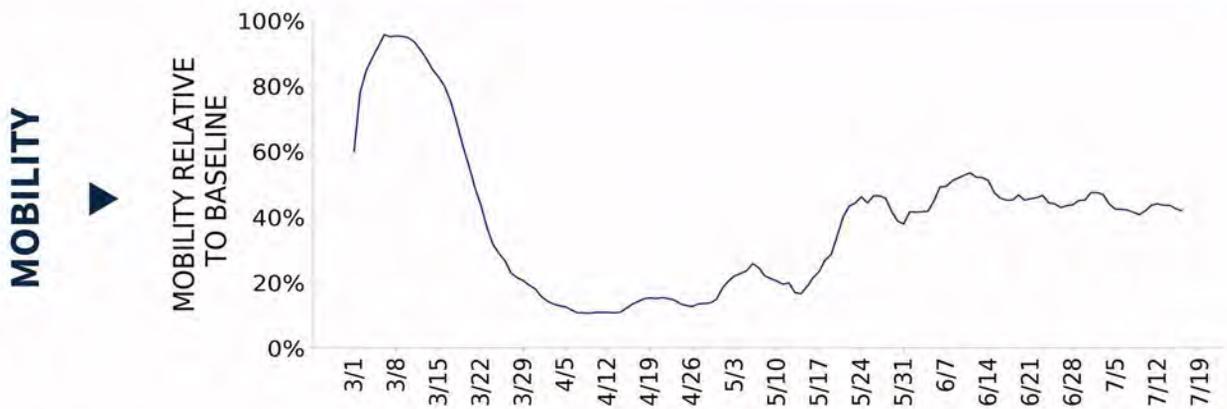
COVID-19



ARIZONA

STATE REPORT | 07.19.2020

	STATE, LAST WEEK	STATE, % CHANGE FROM PREVIOUS WEEK	FEMA/HHS REGION, LAST WEEK	UNITED STATES, LAST WEEK
NEW CASES (RATE PER 100,000)	21,637 (297)	-13.6%	90,868 (177)	460,366 (140)
DIAGNOSTIC TEST POSITIVITY RATE	17.7%	-3.8%*	10.3%	9.1%
TOTAL DIAGNOSTIC TESTS (TESTS PER 100,000)	126,154 (1,733)	+13.2%	790,849 (1,542)	4,940,998 (1,505)
COVID DEATHS (RATE PER 100,000)	501 (7)	+70.4%	1,160 (2)	5,122 (2)
SNFs WITH AT LEAST ONE COVID-19 CASE	28.6%	-0.2%	17.3%	10.0%



* Indicates absolute change in percentage points

DATA SOURCES

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 7/17/2020; last week is 7/11 - 7/17, previous week is 7/4 - 7/10.

Testing: State-level values calculated by using 7-day rolling averages of reported tests. Regional- and national-level values calculated by using a 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 7/15/2020. Last week is 7/9 - 7/15, previous week is 7/2 - 7/8. Testing data are inclusive of everything received and processed by the CELR system as of 14:00 EDT on 07/19/2020. Some dates may be incomplete due to delays in reporting. Testing data may be backfilled over time, resulting in changes week-to-week in testing data. It is critical that states provide as up-to-date testing data as possible.

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; 100% represents the baseline mobility level. Data is anonymized and provided at the county level. Data through 7/16/2020.

SNFs: Skilled nursing facilities. National Healthcare Safety Network. Last week is 7/6-7/12, previous week is 6/29-7/5.



ARIZONA

STATE REPORT | 07.19.2020

LOCALITIES IN RED ZONE

LOCALITIES IN YELLOW ZONE

METRO AREA (CBSA) LAST WEEK

11

Phoenix-Mesa-Chandler
Tucson
Yuma
Show Low
Lake Havasu City-Kingman
Flagstaff
Prescott Valley-Prescott
Sierra Vista-Douglas
Nogales
Payson
Safford

0

N/A

COUNTY LAST WEEK

13

Top 12 shown (full list below)

Maricopa
Pima
Yuma
Pinal
Navajo
Mohave
Coconino
Yavapai
Cochise
Santa Cruz
Gila
Graham

2

Apache
Greenlee

All Red Counties: Maricopa, Pima, Yuma, Pinal, Navajo, Mohave, Coconino, Yavapai, Cochise, Santa Cruz, Gila, Graham, La Paz

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 a diagnostic test positivity result above 10%.

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

Note: Top 12 locations are selected based on the highest number of new cases in the last three weeks.

DATA SOURCES

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 7/17/2020; last week is 7/11 - 7/17, three weeks is 6/27 - 7/17.

Testing: CELR (COVID-19 Electronic Lab Reporting) state health department-reported data through 7/15/2020. Last week is 7/9 - 7/15. Testing data may be backfilled over time, resulting in changes week-to-week in testing data. It is critical that states provide as up-to-date testing data as possible.

POLICY RECOMMENDATIONS FOR COUNTIES IN THE RED ZONE

Public Messaging

- Wear a mask at all times outside the home and maintain physical distance
- Limit social gatherings to 10 people or fewer
- Do not go to bars, nightclubs, or gyms
- Use take out or eat outdoors socially distanced
- Protect anyone with serious medical conditions at home by social distancing at home and using high levels of personal hygiene, including handwashing and cleaning surfaces
- Reduce your public interactions and activities to 25% of your normal activity

Public Officials

- Close bars and gyms, and create outdoor dining opportunities with pedestrian areas
- Limit social gatherings to 10 people or fewer
- Institute routine weekly testing of all workers in assisted living and long-term care facilities. Require masks for all staff and prohibit visitors
- Ensure that all business retailers and personal services require masks and can safely social distance
- Increase messaging on the risk of serious disease for individuals in all age groups with preexisting obesity, hypertension, and diabetes mellitus, and recommend to shelter in place
- Work with local community groups to provide targeted, tailored messaging to communities with high case rates, and increase community level testing
- Recruit more contact tracers as community outreach workers to ensure all cases are contacted and all positive households are individually tested within 24 hours
- Provide isolation facilities outside of households if COVID-positive individuals can't quarantine successfully

Testing

- Move to community-led neighborhood testing and work with local community groups to increase access to testing
- Surge testing and contact tracing resources to neighborhoods and zip codes with highest case rates
- **Diagnostic pooling:** Laboratories should use pooling of samples to increase testing access and reduce turnaround times to under 12 hours. Consider pools of 2-3 individuals in high incidence settings and 5:1 pools in setting where test positivity is under 10%
- **Surveillance pooling:** For family and cohabitating households, screen entire households in a single test by pooling specimens of all members into single collection device

POLICY RECOMMENDATIONS FOR COUNTIES IN THE YELLOW ZONE IN ORDER TO PREEMPT EXPONENTIAL COMMUNITY SPREAD

Public Messaging

- Wear a mask at all times outside the home and maintain physical distance
- Limit social gatherings to 25 people or fewer
- Do not go to bars or nightclubs
- Use take out, outdoor dining or indoor dining when strict social distancing can be maintained
- Protect anyone with serious medical conditions at home by social distancing at home and using high levels of personal hygiene
- Reduce your public interactions and activities to 50% of your normal activity

Public Officials

- Limit gyms to 25% occupancy and close bars until percent positive rates are under 3%; create outdoor dining opportunities with pedestrian areas
- Limit social gatherings to 25 people or fewer
- Institute routine weekly testing of all workers in assisted living and long-term care facilities. Require masks for all staff and prohibit visitors
- Ensure that all business retailers and personal services require masks and can safely social distance
- Increase messaging on the risk of serious disease for individuals in all age groups with preexisting obesity, hypertension, and diabetes mellitus, and recommend to shelter in place
- Work with local community groups to provide targeted, tailored messaging to communities with high case rates, and increase community level testing
- Recruit more contact tracers as community outreach workers to ensure all cases are contacted and all positive households are individually tested within 24 hours
- Provide isolation facilities outside of households if COVID-positive individuals can't quarantine successfully

Testing

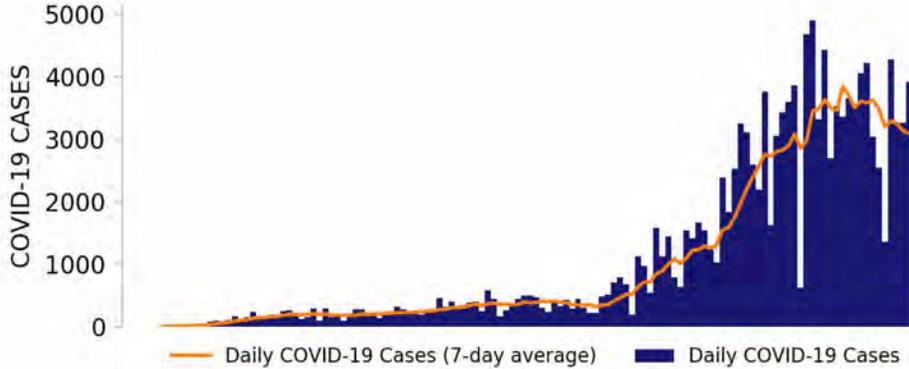
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- Surge testing and contact tracing resources to neighborhoods and zip codes with highest case rates
- **Diagnostic pooling:** Laboratories should use pooling of samples to increase testing access and reduce turnaround times to under 12 hours. Consider pools of 3-5 individuals
- **Surveillance pooling:** For family and cohabitating households, screen entire households in a single test by pooling specimens of all members into single collection device



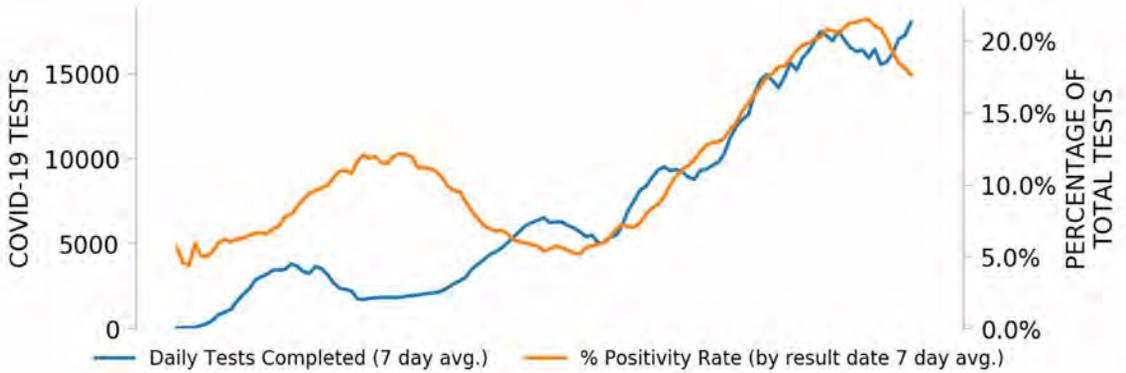
ARIZONA

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NEW CASES

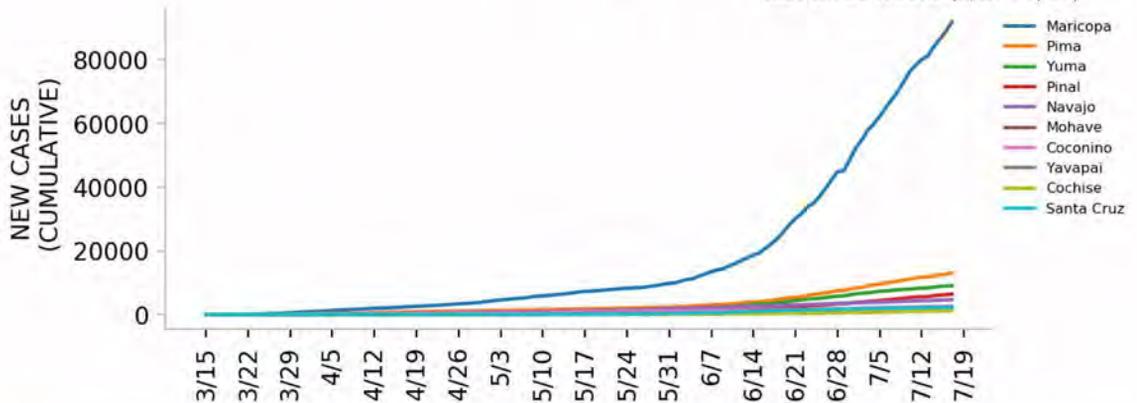


TESTING



Top counties based on greatest number of new cases in last three weeks (6/27 - 7/17)

TOP COUNTIES



DATA SOURCES

Cases: County-level data from USAFacts. 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 7/17/2020.

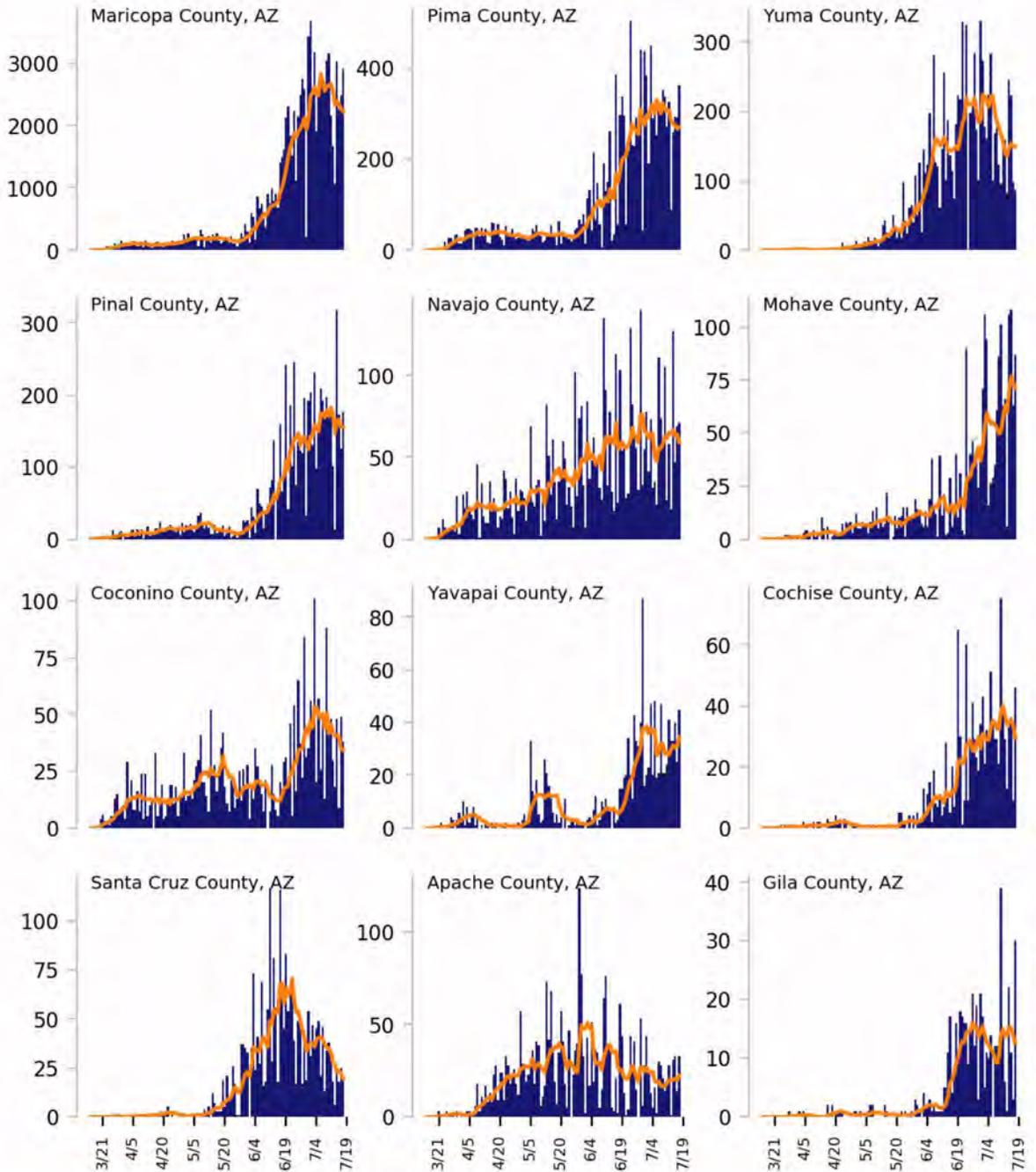
Testing: CELR (COVID-19 Electronic Lab Reporting) state health department-reported data through 7/15/2020.



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



DATA SOURCES

Cases: County-level data from USAFacts through 7/17/2020. Last 3 weeks is 6/27 - 7/17.

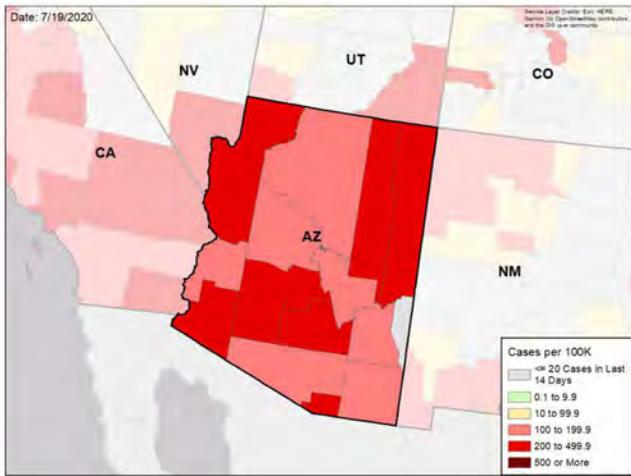


ARIZONA

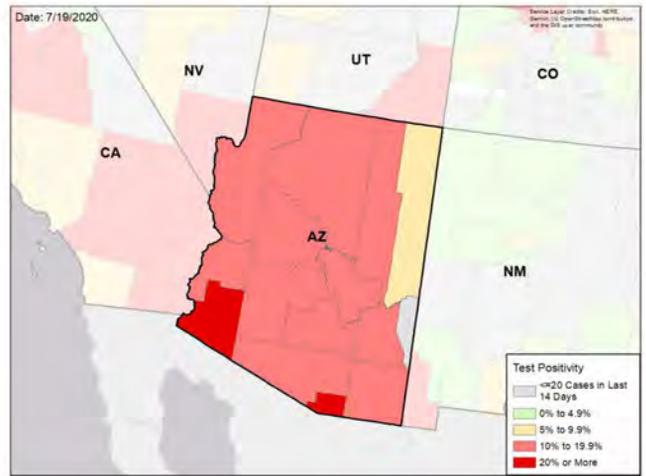
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CASE RATES AND DIAGNOSTIC TEST POSITIVITY DURING THE LAST WEEK

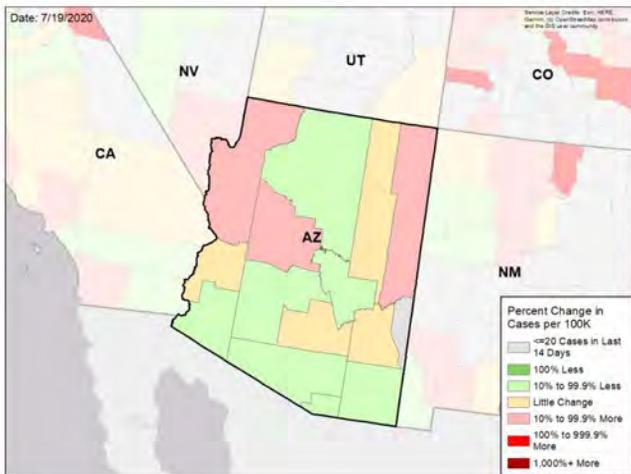
NEW CASES PER 100,000 DURING LAST WEEK



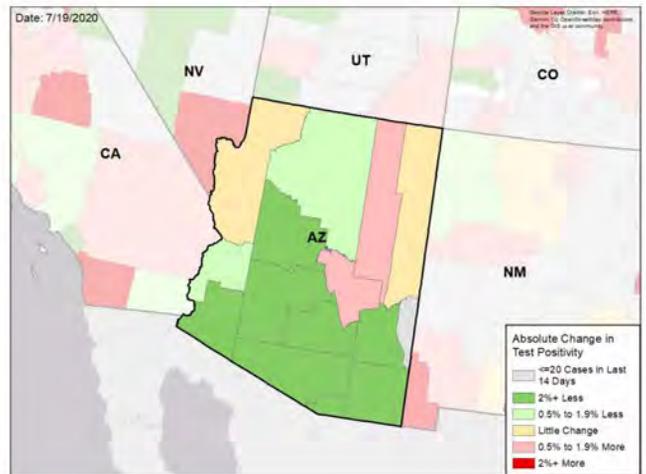
TEST POSITIVITY DURING LAST WEEK



WEEKLY % CHANGE IN NEW CASES PER 100K



WEEKLY CHANGE IN TEST POSITIVITY



DATA SOURCES

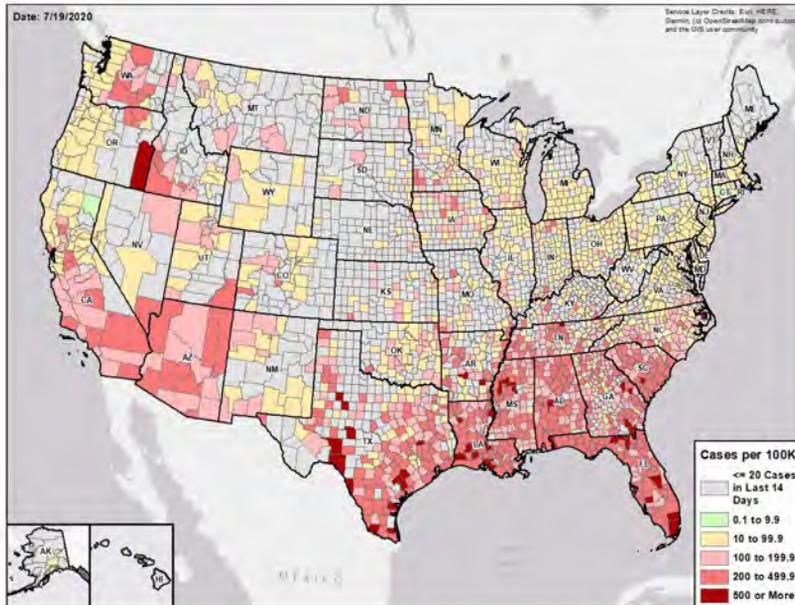
Cases: County-level data from USAFacts through 7/17/2020. Last week is 7/11 - 7/17, previous week is 7/4 - 7/10

Testing: CELR (COVID-19 Electronic Lab Reporting) state health department-reported data through 7/15/2020. Last week is 7/9 - 7/15, previous week is 7/2 - 7/8. Testing data may be backfilled over time, resulting in changes week-to-week in testing data. It is critical that states provide as up-to-date testing data as possible.

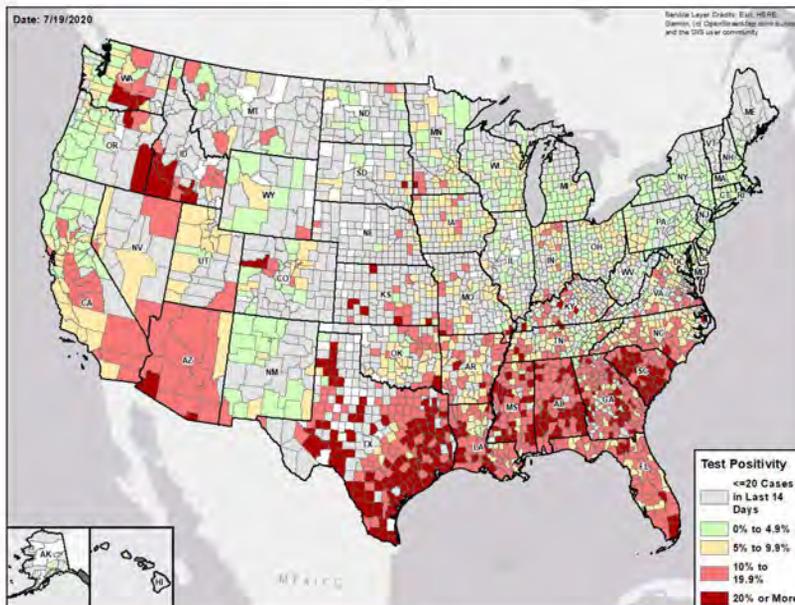


National Picture

NEW CASES PER 100,000 LAST WEEK



TEST POSITIVITY LAST WEEK



DATA SOURCES

Cases: County-level data from USAFacts through 7/17/2020. Last week is 7/11 - 7/17

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 7/15/2020. Last week is 7/9 - 7/15. Testing data may be backfilled over time, resulting in changes week-to-week in testing data. It is critical that states provide as up-to-date testing data as possible.



Methods

STATE REPORT | 07.19.2020

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)

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	<0.5	0.5-2	>2
Percent change in deaths per 100,000 population	<-10%	-10% - 10%	>10%
Skilled Nursing Facilities with at least one COVID-19 case	0%	0.1%-5%	>5%
Change in SNFs with at least one COVID-19 case	<-0.5%	-0.5%-0.5%	>0.5%

DATA NOTES

- Cases and deaths:** County-level data from USAFacts as of 13:00 EDT on 07/18/2020. 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 7/11 to 7/17; previous week data are from 7/4 to 7/10.
- Testing:** CELR (COVID-19 Electronic Lab Reporting) state health department-reported data are used to describe state-level totals when able to be disaggregated from serology test results and to describe county-level 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. Total diagnostic tests are the number of tests performed, not the number of individuals tested. Diagnostic test positivity rate is the number of positive tests divided by the number of tests performed and resulted. Last week data are from 7/9 to 7/15; previous week data are from 7/2 to 7/8. HHS Protect data is recent as of 16:30 EDT on 07/19/2020. Testing data are inclusive of everything received and processed by the CELR system as of 14:00 EDT on 07/19/2020. Testing data may be backfilled over time, resulting in changes week-to-week in testing data. It is critical that states provide as up-to-date testing data as possible.
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- 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.
- Skilled Nursing Facilities:** National Healthcare Safety Network (NHSN). 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 analysis. Also note that data presented by NHSN is more recent than the data publicly posted by CMS. Therefore, data presented may differ slightly from those publicly posted by CMS.



ARKANSAS

STATE REPORT | 07.19.2020

SUMMARY

- Arkansas is in the red zone for cases, indicating more than 100 new cases per 100,000 population last week, and the yellow zone for test positivity, indicating a rate between 5% to 10%.
- Arkansas continues to have increased cases across the state with more counties in the red zone. Testing positivity has stabilized over the past week.
- The following three counties had the highest number of new cases over the past 3 weeks: 1. Washington County, 2. Pulaski County, and 3. Benton County. These counties represent 36.7 percent of new cases in Arkansas.
- Arkansas had 164 new cases per 100,000 population in the past week, compared to a national average of 140 per 100,000.
- The federal government has deployed the following staff as assets to support the state response: 4 to support operations activities from FEMA and 6 from CDC.
- During Jul 15 - Jul 17, on average, 48 patients with confirmed COVID-19 and 120 patients with suspected COVID-19 were reported as newly admitted each day to hospitals in Arkansas. An average of 63 percent of hospitals reported 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

- Close establishments where social distancing and mask use cannot occur, such as bars.
- Move to outdoor dining and limit indoor dining to less than 25% occupancy.
- Keep mask mandate in place statewide.
- Protect vulnerable populations in assisted living and long-term care facilities through weekly testing of all workers and requiring masks. In facilities with workers who tested positive, ensure all residents have been tested and appropriate cohorting measures are in place.
- Continue to enhance contact tracing and ensure the ability of cases and contacts to quarantine or isolate safely.
- Monitor testing data to identify additional sites of increased transmission and focus public health resources on them.
- Test households in one tube with rapid turnaround testing. For households that test positive, isolate and conduct follow-up individual tests.
- Expand testing capacity in Public Health labs adding shifts and weekend shifts to reduce turnaround times.
- Increase messaging of the risk of serious disease in all age groups with preexisting medical conditions, including obesity, hypertension, and diabetes mellitus.
- Specific, detailed guidance on community mitigation measures can be found on the [CDC website](#).

The purpose of this report is to develop a shared understanding of the current status of the pandemic at the national, regional, state and local levels. We recognize that data at the state level may differ from that available at the federal level. Our objective is to use consistent data sources and methods that allow for comparisons to be made across localities. We appreciate your continued support in identifying data discrepancies and improving data completeness and sharing across systems. We look forward to your feedback.

** This figure may differ from state data due to differences in hospital lists between federal and state systems or inclusion of hospitals that are not admitting COVID-19 patients. We are working to incorporate feedback on an ongoing basis to update these figures. These data exclude psychiatric, rehabilitation, and religious non-medical hospitals.*



COVID-19

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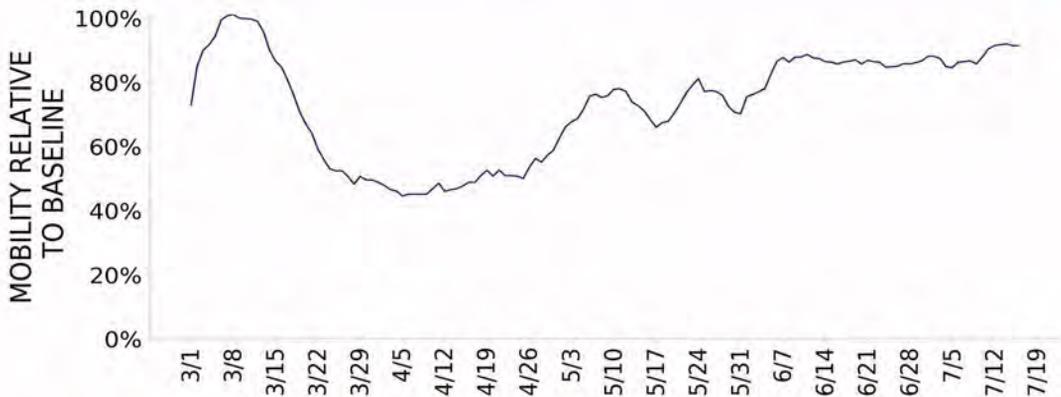


ARKANSAS

STATE REPORT | 07.19.2020

	STATE, LAST WEEK	STATE, % CHANGE FROM PREVIOUS WEEK	FEMA/HHS REGION, LAST WEEK	UNITED STATES, LAST WEEK
NEW CASES (RATE PER 100,000)	4,962 (164)	+18.6%	98,661 (231)	460,366 (140)
DIAGNOSTIC TEST POSITIVITY RATE	9.9%	+0.1%*	16.1%	9.1%
TOTAL DIAGNOSTIC TESTS (TESTS PER 100,000)	39,880 (1,321)	+0.9%	515,746 (1,207)	4,940,998 (1,505)
COVID DEATHS (RATE PER 100,000)	40 (1)	+25.0%	948 (2)	5,122 (2)
SNFs WITH AT LEAST ONE COVID-19 CASE	9.8%	+1.4%	14.1%	10.0%

MOBILITY



* Indicates absolute change in percentage points

DATA SOURCES

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 7/17/2020; last week is 7/11 - 7/17, previous week is 7/4 - 7/10.

Testing: State-level values calculated by using 7-day rolling averages of reported tests. Regional- and national-level values calculated by using a 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 7/15/2020. Last week is 7/9 - 7/15, previous week is 7/2 - 7/8. Testing data are inclusive of everything received and processed by the CELR system as of 14:00 EDT on 07/19/2020. Some dates may be incomplete due to delays in reporting. Testing data may be backfilled over time, resulting in changes week-to-week in testing data. It is critical that states provide as up-to-date testing data as possible.

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; 100% represents the baseline mobility level. Data is anonymized and provided at the county level. Data through 7/16/2020.

SNFs: Skilled nursing facilities. National Healthcare Safety Network. Last week is 7/6-7/12, previous week is 6/29-7/5.



ARKANSAS

STATE REPORT | 07.19.2020

LOCALITIES IN RED ZONE

LOCALITIES IN YELLOW ZONE

METRO AREA (CBSA) LAST WEEK

9

Fayetteville-Springdale-Rogers
Malvern
Russellville
Pine Bluff
Jonesboro
Blytheville
Texarkana
Memphis
Hope

12

Little Rock-North Little Rock-Conway
Fort Smith
Hot Springs
Forrest City
Searcy
Helena-West Helena
Batesville
Paragould
Magnolia
El Dorado
Arkadelphia
Camden

COUNTY LAST WEEK

24

Top 12 shown (full list below)

Washington
Hot Spring
Pope
Yell
Johnson
Craighead
Mississippi
Crittenden
Lee
Miller
Sevier
Chicot

37

Top 12 shown (full list below)

Pulaski
Benton
Sebastian
Faulkner
Saline
Jefferson
Garland
Crawford
St. Francis
Lonoke
White
Phillips

All Red Counties: Washington, Hot Spring, Pope, Yell, Johnson, Craighead, Mississippi, Crittenden, Lee, Miller, Sevier, Chicot, Carroll, Howard, Arkansas, Lincoln, Hempstead, Ashley, Desha, Randolph, Lawrence, Prairie, Little River, Cleveland

All Yellow Counties: Pulaski, Benton, Sebastian, Faulkner, Saline, Jefferson, Garland, Crawford, St. Francis, Lonoke, White, Phillips, Cleburne, Conway, Logan, Greene, Drew, Madison, Columbia, Boone, Union, Bradley, Independence, Grant, Clark, Clay, Polk, Poinsett, Cross, Sharp, Ouachita, Pike, Monroe, Nevada, Stone, Woodruff, Calhoun

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 a diagnostic test positivity result above 10%.

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

Note: Top 12 locations are selected based on the highest number of new cases in the last three weeks.

DATA SOURCES

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 7/17/2020; last week is 7/11 - 7/17, three weeks is 6/27 - 7/17.

Testing: CELR (COVID-19 Electronic Lab Reporting) state health department-reported data through 7/15/2020. Last week is 7/9 - 7/15. Testing data may be backfilled over time, resulting in changes week-to-week in testing data. It is critical that states provide as up-to-date testing data as possible.

POLICY RECOMMENDATIONS FOR COUNTIES IN THE RED ZONE

Public Messaging

- Wear a mask at all times outside the home and maintain physical distance
- Limit social gatherings to 10 people or fewer
- Do not go to bars, nightclubs, or gyms
- Use take out or eat outdoors socially distanced
- Protect anyone with serious medical conditions at home by social distancing at home and using high levels of personal hygiene, including handwashing and cleaning surfaces
- Reduce your public interactions and activities to 25% of your normal activity

Public Officials

- Close bars and gyms, and create outdoor dining opportunities with pedestrian areas
- Limit social gatherings to 10 people or fewer
- Institute routine weekly testing of all workers in assisted living and long-term care facilities. Require masks for all staff and prohibit visitors
- Ensure that all business retailers and personal services require masks and can safely social distance
- Increase messaging on the risk of serious disease for individuals in all age groups with preexisting obesity, hypertension, and diabetes mellitus, and recommend to shelter in place
- Work with local community groups to provide targeted, tailored messaging to communities with high case rates, and increase community level testing
- Recruit more contact tracers as community outreach workers to ensure all cases are contacted and all positive households are individually tested within 24 hours
- Provide isolation facilities outside of households if COVID-positive individuals can't quarantine successfully

Testing

- Move to community-led neighborhood testing and work with local community groups to increase access to testing
- Surge testing and contact tracing resources to neighborhoods and zip codes with highest case rates
- **Diagnostic pooling:** Laboratories should use pooling of samples to increase testing access and reduce turnaround times to under 12 hours. Consider pools of 2-3 individuals in high incidence settings and 5:1 pools in setting where test positivity is under 10%
- **Surveillance pooling:** For family and cohabitating households, screen entire households in a single test by pooling specimens of all members into single collection device

POLICY RECOMMENDATIONS FOR COUNTIES IN THE YELLOW ZONE IN ORDER TO PREEMPT EXPONENTIAL COMMUNITY SPREAD

Public Messaging

- Wear a mask at all times outside the home and maintain physical distance
- Limit social gatherings to 25 people or fewer
- Do not go to bars or nightclubs
- Use take out, outdoor dining or indoor dining when strict social distancing can be maintained
- Protect anyone with serious medical conditions at home by social distancing at home and using high levels of personal hygiene
- Reduce your public interactions and activities to 50% of your normal activity

Public Officials

- Limit gyms to 25% occupancy and close bars until percent positive rates are under 3%; create outdoor dining opportunities with pedestrian areas
- Limit social gatherings to 25 people or fewer
- Institute routine weekly testing of all workers in assisted living and long-term care facilities. Require masks for all staff and prohibit visitors
- Ensure that all business retailers and personal services require masks and can safely social distance
- Increase messaging on the risk of serious disease for individuals in all age groups with preexisting obesity, hypertension, and diabetes mellitus, and recommend to shelter in place
- Work with local community groups to provide targeted, tailored messaging to communities with high case rates, and increase community level testing
- Recruit more contact tracers as community outreach workers to ensure all cases are contacted and all positive households are individually tested within 24 hours
- Provide isolation facilities outside of households if COVID-positive individuals can't quarantine successfully

Testing

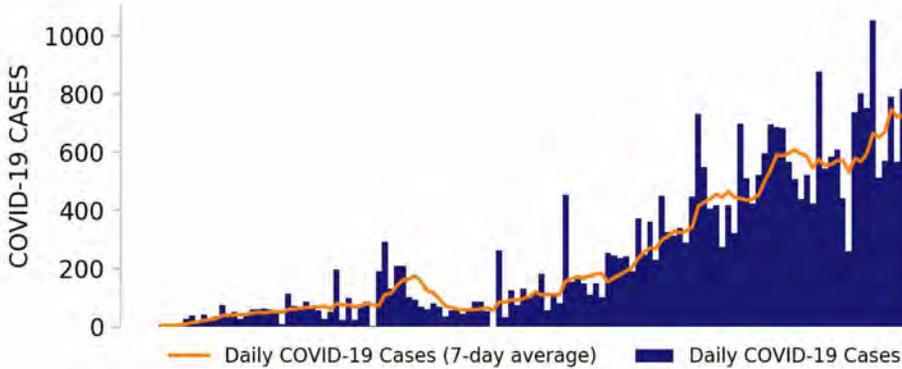
- Move to community-led neighborhood testing and work with local community groups to increase access to testing
- Surge testing and contact tracing resources to neighborhoods and zip codes with highest case rates
- **Diagnostic pooling:** Laboratories should use pooling of samples to increase testing access and reduce turnaround times to under 12 hours. Consider pools of 3-5 individuals
- **Surveillance pooling:** For family and cohabitating households, screen entire households in a single test by pooling specimens of all members into single collection device



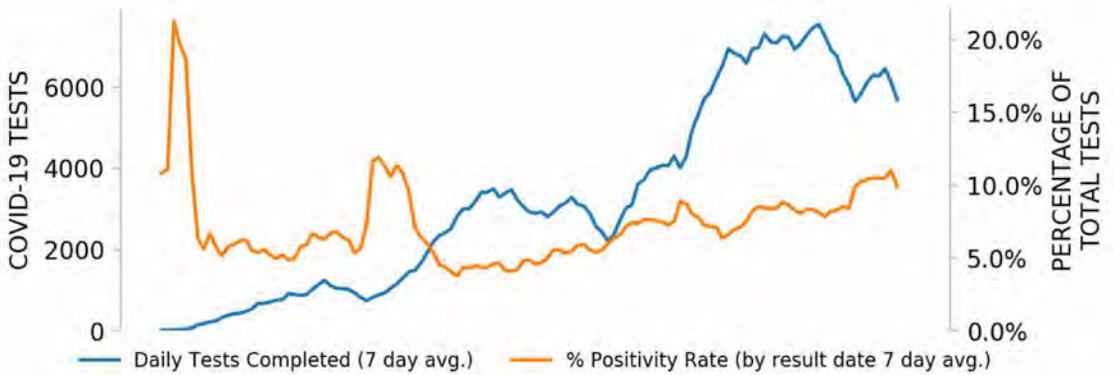
ARKANSAS

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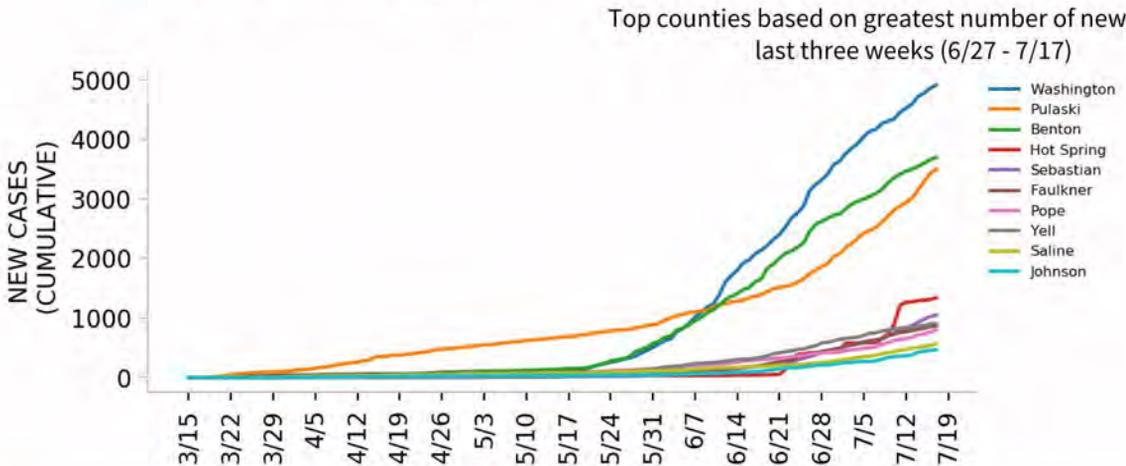
NEW CASES



TESTING



TOP COUNTIES



DATA SOURCES

Cases: County-level data from USAFacts. 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 7/17/2020.

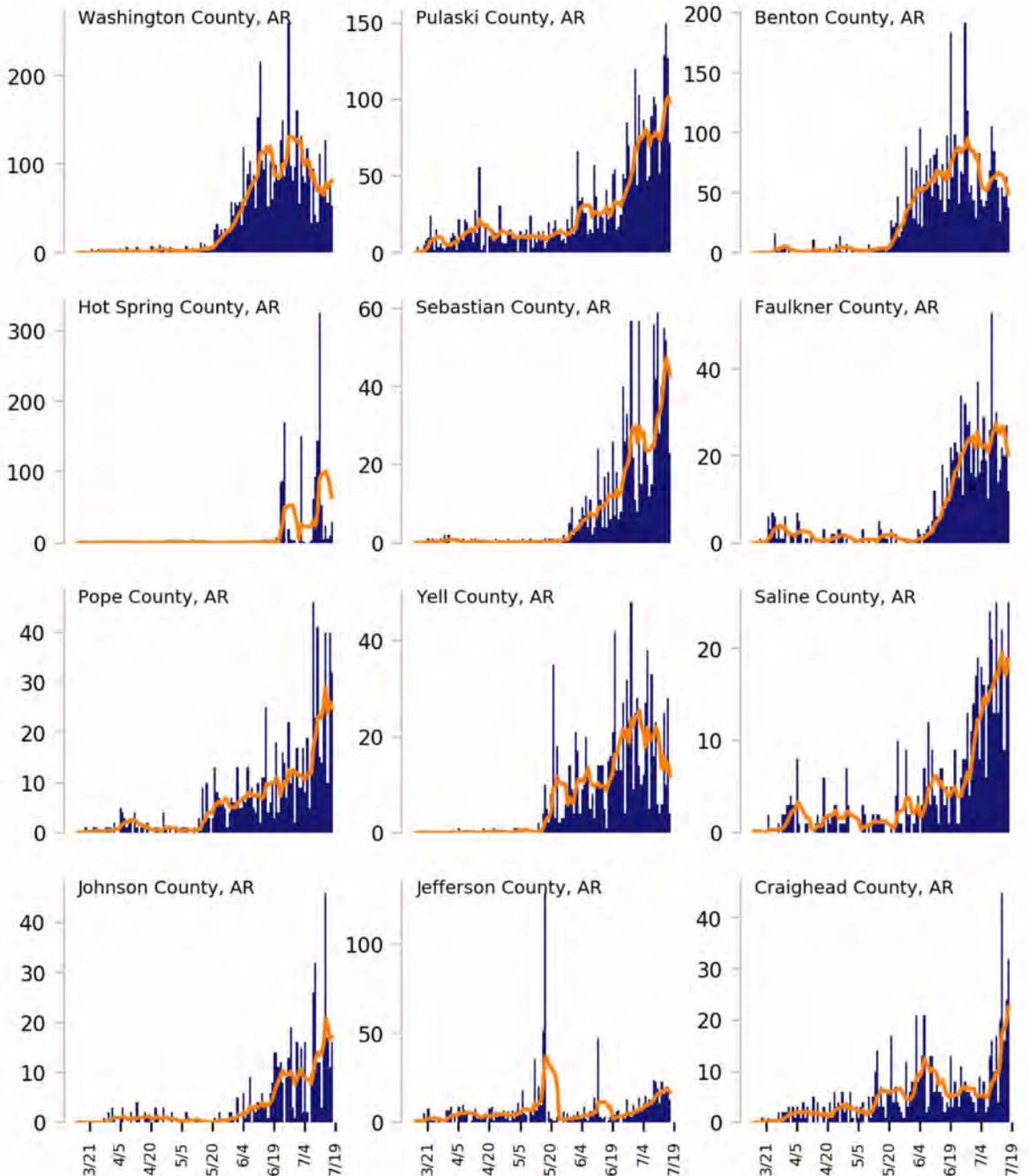
Testing: CELR (COVID-19 Electronic Lab Reporting) state health department-reported data through 7/15/2020.



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



DATA SOURCES

Cases: County-level data from USAFacts through 7/17/2020. Last 3 weeks is 6/27 - 7/17.

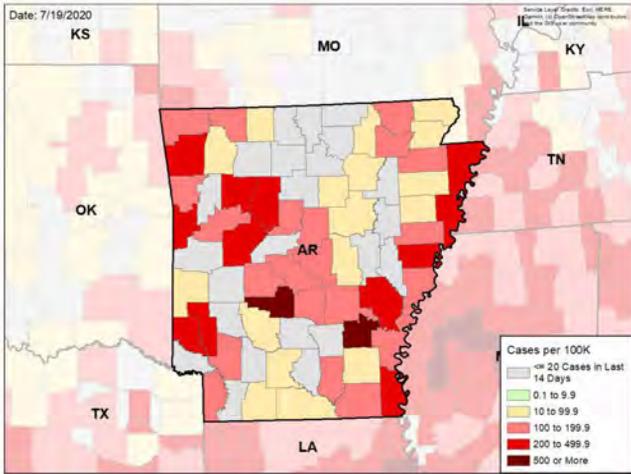


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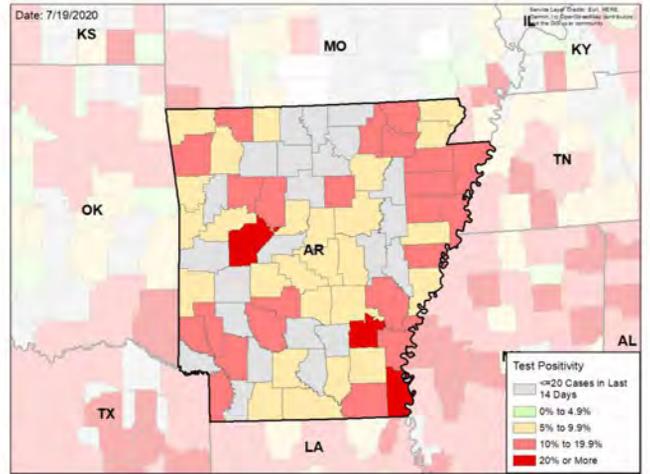
STATE REPORT | 07.19.2020

CASE RATES AND DIAGNOSTIC TEST POSITIVITY DURING THE LAST WEEK

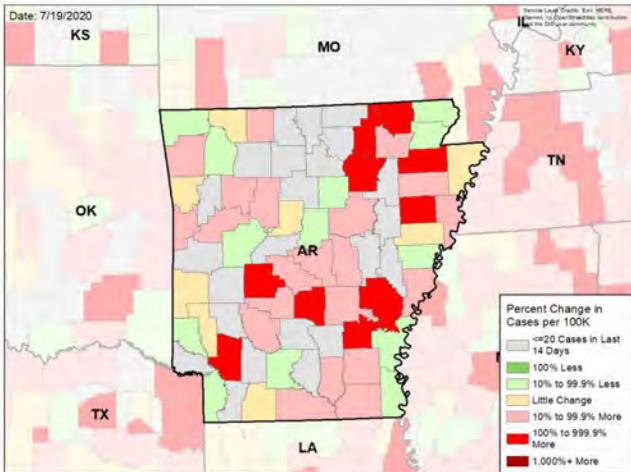
NEW CASES PER 100,000 DURING LAST WEEK



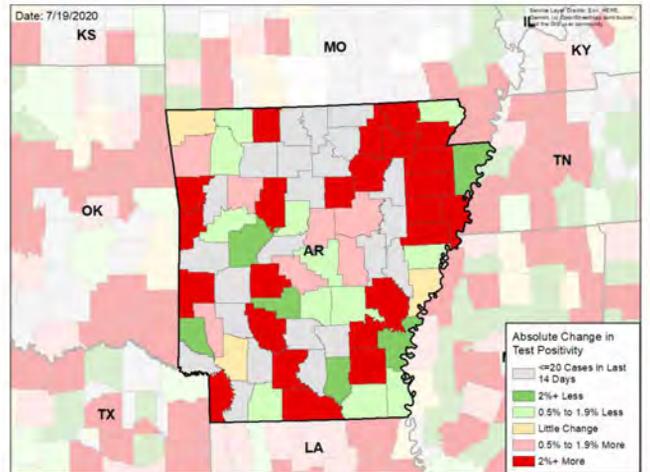
TEST POSITIVITY DURING LAST WEEK



WEEKLY % CHANGE IN NEW CASES PER 100K



WEEKLY CHANGE IN TEST POSITIVITY



DATA SOURCES

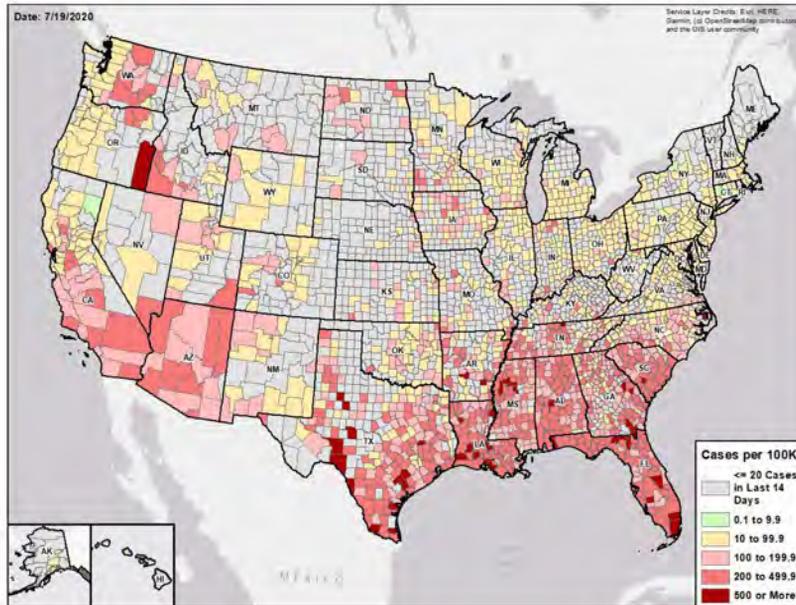
Cases: County-level data from USAFacts through 7/17/2020. Last week is 7/11 - 7/17, previous week is 7/4 - 7/10

Testing: CELR (COVID-19 Electronic Lab Reporting) state health department-reported data through 7/15/2020. Last week is 7/9 - 7/15, previous week is 7/2 - 7/8. Testing data may be backfilled over time, resulting in changes week-to-week in testing data. It is critical that states provide as up-to-date testing data as possible.

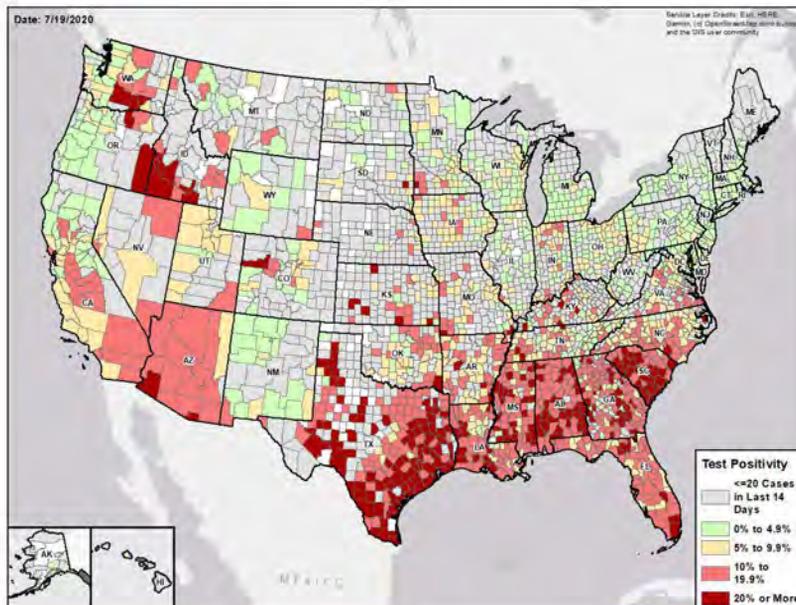


National Picture

NEW CASES PER 100,000 LAST WEEK



TEST POSITIVITY LAST WEEK



DATA SOURCES

Cases: County-level data from USAFacts through 7/17/2020. Last week is 7/11 - 7/17

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 7/15/2020. Last week is 7/9 - 7/15. Testing data may be backfilled over time, resulting in changes week-to-week in testing data. It is critical that states provide as up-to-date testing data as possible.



Methods

STATE REPORT | 07.19.2020

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)

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	<0.5	0.5-2	>2
Percent change in deaths per 100,000 population	<-10%	-10% - 10%	>10%
Skilled Nursing Facilities with at least one COVID-19 case	0%	0.1%-5%	>5%
Change in SNFs with at least one COVID-19 case	<-0.5%	-0.5%-0.5%	>0.5%

DATA NOTES

- **Cases and deaths:** County-level data from USAFacts as of 13:00 EDT on 07/18/2020. 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 7/11 to 7/17; previous week data are from 7/4 to 7/10.
- **Testing:** CELR (COVID-19 Electronic Lab Reporting) state health department-reported data are used to describe state-level totals when able to be disaggregated from serology test results and to describe county-level 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. Total diagnostic tests are the number of tests performed, not the number of individuals tested. Diagnostic test positivity rate is the number of positive tests divided by the number of tests performed and resulted. Last week data are from 7/9 to 7/15; previous week data are from 7/2 to 7/8. HHS Protect data is recent as of 16:30 EDT on 07/19/2020. Testing data are inclusive of everything received and processed by the CELR system as of 14:00 EDT on 07/19/2020. Testing data may be backfilled over time, resulting in changes week-to-week in testing data. It is critical that states provide as up-to-date testing data as possible.
- **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; 100% represents the baseline mobility level. Data is recent as of 13:00 EDT on 07/18/2020 and through 7/16/2020.
- **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.
- **Skilled Nursing Facilities:** National Healthcare Safety Network (NHSN). 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 analysis. Also note that data presented by NHSN is more recent than the data publicly posted by CMS. Therefore, data presented may differ slightly from those publicly posted by CMS.



CALIFORNIA

STATE REPORT | 07.19.2020

SUMMARY

- California is in the red zone for cases, indicating more than 100 new cases per 100,000 population last week, and the yellow zone for test positivity, indicating a rate between 5% to 10%.
- California has seen stability in new cases and a decrease in testing positivity over the past week.
- The following three counties had the highest number of new cases over the past 3 weeks: 1. Los Angeles County, 2. Orange County, and 3. Riverside County. These counties represent 51.9 percent of new cases in California.
- Cases continue to increase throughout Southern California (except for Imperial County) and in some Bay Area counties (notably Santa Clara, San Mateo, and San Francisco), while cases declined in multiple hard-hit counties of the Central Valley.
- California had 156 new cases per 100,000 population in the past week, compared to a national average of 140 per 100,000.
- The federal government has deployed the following staff as assets to support the state response: 2 from DOT; 191 to support operations activities from FEMA; 65 to support medical activities from ASPR; 13 to support operations activities from ASPR; 7 from CDC; 250 to support operations activities from USCG; and 10 to support medical activities from VA.
- During Jul 15 - Jul 17, on average, 544 patients with confirmed COVID-19 and 534 patients with suspected COVID-19 were reported as newly admitted each day to hospitals in California. An average of 60 percent of hospitals reported 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

- Continue the recently expanded statewide limitations on activity. Include counties with elevated reported cases on list subject to state orders for intensified limitations.
- Continue with state masking mandate and continue development of innovative ways to monitor compliance.
- Ensure that all business retailers and personal services require masks and can safely social distance
- Work with local community groups to provide targeted, tailored messaging to communities with high case rates and increase community level testing. Work with local communities to provide clear guidance for households that test positive, including on individual isolation.
- Surge testing and contact tracing resources to neighborhoods and zip codes with highest case rates.
- Continue efforts to increase testing at both public health and private laboratories. Consider use of diagnostic pooling of samples to increase testing access and reduce turnaround times.
- Protect those in nursing homes and long-term care facilities by assuring access to rapid facility-wide testing in response to a resident or staff member with COVID-19. Address staff and supply shortages. Ensure social distancing and universal facemask use.
- Specific, detailed guidance on community mitigation measures can be found on the [CDC website](#).

The purpose of this report is to develop a shared understanding of the current status of the pandemic at the national, regional, state and local levels. We recognize that data at the state level may differ from that available at the federal level. Our objective is to use consistent data sources and methods that allow for comparisons to be made across localities. We appreciate your continued support in identifying data discrepancies and improving data completeness and sharing across systems. We look forward to your feedback.

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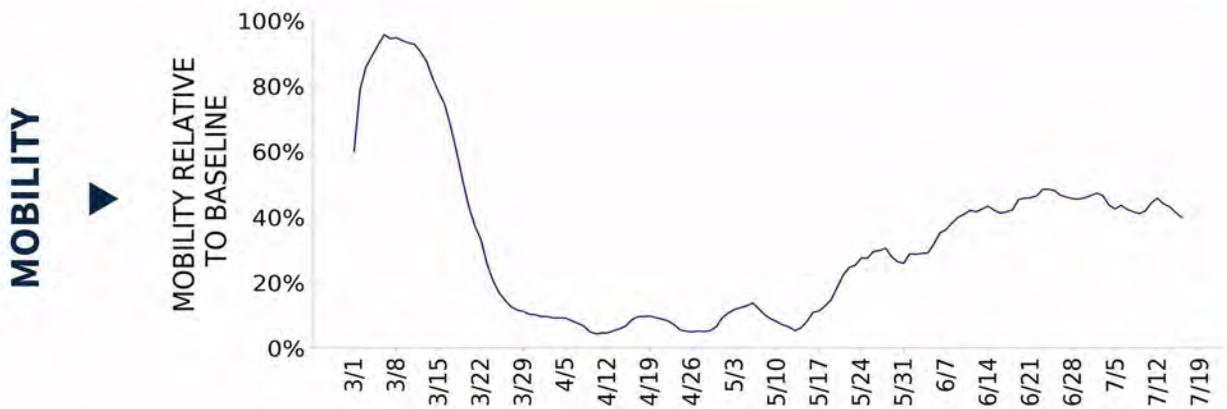
COVID-19



CALIFORNIA

STATE REPORT | 07.19.2020

	STATE, LAST WEEK	STATE, % CHANGE FROM PREVIOUS WEEK	FEMA/HHS REGION, LAST WEEK	UNITED STATES, LAST WEEK
NEW CASES (RATE PER 100,000)	61,714 (156)	+1.7%	90,868 (177)	460,366 (140)
DIAGNOSTIC TEST POSITIVITY RATE	8.8%	-0.6%*	10.3%	9.1%
TOTAL DIAGNOSTIC TESTS (TESTS PER 100,000)	605,312 (1,532)	+12.2%	790,849 (1,542)	4,940,998 (1,505)
COVID DEATHS (RATE PER 100,000)	597 (2)	-6.6%	1,160 (2)	5,122 (2)
SNFs WITH AT LEAST ONE COVID-19 CASE	16.7%	+7.9%	17.3%	10.0%



* Indicates absolute change in percentage points

DATA SOURCES

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 7/17/2020; last week is 7/11 - 7/17, previous week is 7/4 - 7/10.

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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; 100% represents the baseline mobility level. Data is anonymized and provided at the county level. Data through 7/16/2020.

SNFs: Skilled nursing facilities. National Healthcare Safety Network. Last week is 7/6-7/12, previous week is 6/29-7/5.



CALIFORNIA

STATE REPORT | 07.19.2020

LOCALITIES IN RED ZONE

LOCALITIES IN YELLOW ZONE

METRO AREA (CBSA) LAST WEEK

9

Riverside-San Bernardino-Ontario
Fresno
Stockton
Modesto
Visalia
El Centro
Merced
Hanford-Corcoran
Madera

12

Los Angeles-Long Beach-Anaheim
San Francisco-Oakland-Berkeley
San Diego-Chula Vista-Carlsbad
Sacramento-Roseville-Folsom
Bakersfield
Oxnard-Thousand Oaks-Ventura
Santa Maria-Santa Barbara
Salinas
Vallejo
Santa Rosa-Petaluma
San Luis Obispo-Paso Robles
Yuba City

COUNTY LAST WEEK

14

Top 12 shown (full list below)

Orange
Riverside
San Bernardino
Fresno
San Joaquin
Stanislaus
Tulare
Imperial
Marin
Merced
Kings
Madera

18

Top 12 shown (full list below)

Los Angeles
San Diego
Sacramento
Alameda
Kern
Ventura
Contra Costa
Santa Barbara
Monterey
Solano
San Mateo
Sonoma

All Red Counties: Orange, Riverside, San Bernardino, Fresno, San Joaquin, Stanislaus, Tulare, Imperial, Marin, Merced, Kings, Madera, Colusa, Glenn

All Yellow Counties: Los Angeles, San Diego, Sacramento, Alameda, Kern, Ventura, Contra Costa, Santa Barbara, Monterey, Solano, San Mateo, Sonoma, San Luis Obispo, Yolo, Placer, Sutter, San Benito, Yuba

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 a diagnostic test positivity result above 10%.

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

Note: Top 12 locations are selected based on the highest number of new cases in the last three weeks.

DATA SOURCES

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POLICY RECOMMENDATIONS FOR COUNTIES IN THE RED ZONE

Public Messaging

- Wear a mask at all times outside the home and maintain physical distance
- Limit social gatherings to 10 people or fewer
- Do not go to bars, nightclubs, or gyms
- Use take out or eat outdoors socially distanced
- Protect anyone with serious medical conditions at home by social distancing at home and using high levels of personal hygiene, including handwashing and cleaning surfaces
- Reduce your public interactions and activities to 25% of your normal activity

Public Officials

- Close bars and gyms, and create outdoor dining opportunities with pedestrian areas
- Limit social gatherings to 10 people or fewer
- Institute routine weekly testing of all workers in assisted living and long-term care facilities. Require masks for all staff and prohibit visitors
- Ensure that all business retailers and personal services require masks and can safely social distance
- Increase messaging on the risk of serious disease for individuals in all age groups with preexisting obesity, hypertension, and diabetes mellitus, and recommend to shelter in place
- Work with local community groups to provide targeted, tailored messaging to communities with high case rates, and increase community level testing
- Recruit more contact tracers as community outreach workers to ensure all cases are contacted and all positive households are individually tested within 24 hours
- Provide isolation facilities outside of households if COVID-positive individuals can't quarantine successfully

Testing

- Move to community-led neighborhood testing and work with local community groups to increase access to testing
- Surge testing and contact tracing resources to neighborhoods and zip codes with highest case rates
- **Diagnostic pooling:** Laboratories should use pooling of samples to increase testing access and reduce turnaround times to under 12 hours. Consider pools of 2-3 individuals in high incidence settings and 5:1 pools in setting where test positivity is under 10%
- **Surveillance pooling:** For family and cohabitating households, screen entire households in a single test by pooling specimens of all members into single collection device

POLICY RECOMMENDATIONS FOR COUNTIES IN THE YELLOW ZONE IN ORDER TO PREEMPT EXPONENTIAL COMMUNITY SPREAD

Public Messaging

- Wear a mask at all times outside the home and maintain physical distance
- Limit social gatherings to 25 people or fewer
- Do not go to bars or nightclubs
- Use take out, outdoor dining or indoor dining when strict social distancing can be maintained
- Protect anyone with serious medical conditions at home by social distancing at home and using high levels of personal hygiene
- Reduce your public interactions and activities to 50% of your normal activity

Public Officials

- Limit gyms to 25% occupancy and close bars until percent positive rates are under 3%; create outdoor dining opportunities with pedestrian areas
- Limit social gatherings to 25 people or fewer
- Institute routine weekly testing of all workers in assisted living and long-term care facilities. Require masks for all staff and prohibit visitors
- Ensure that all business retailers and personal services require masks and can safely social distance
- Increase messaging on the risk of serious disease for individuals in all age groups with preexisting obesity, hypertension, and diabetes mellitus, and recommend to shelter in place
- Work with local community groups to provide targeted, tailored messaging to communities with high case rates, and increase community level testing
- Recruit more contact tracers as community outreach workers to ensure all cases are contacted and all positive households are individually tested within 24 hours
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Testing

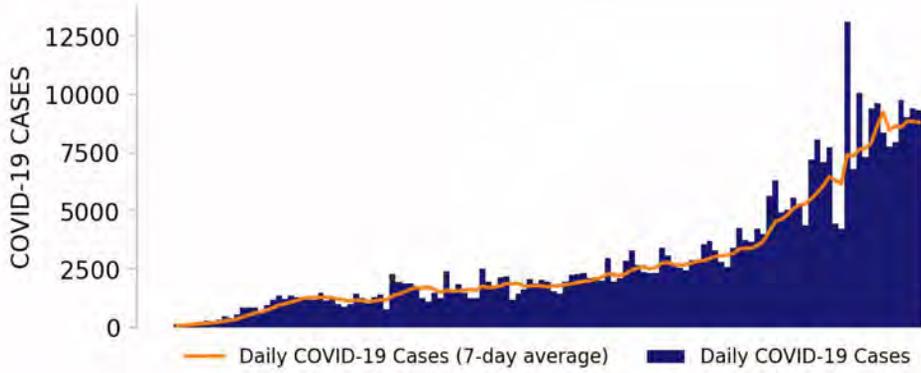
- Move to community-led neighborhood testing and work with local community groups to increase access to testing
- Surge testing and contact tracing resources to neighborhoods and zip codes with highest case rates
- **Diagnostic pooling:** Laboratories should use pooling of samples to increase testing access and reduce turnaround times to under 12 hours. Consider pools of 3-5 individuals
- **Surveillance pooling:** For family and cohabitating households, screen entire households in a single test by pooling specimens of all members into single collection device



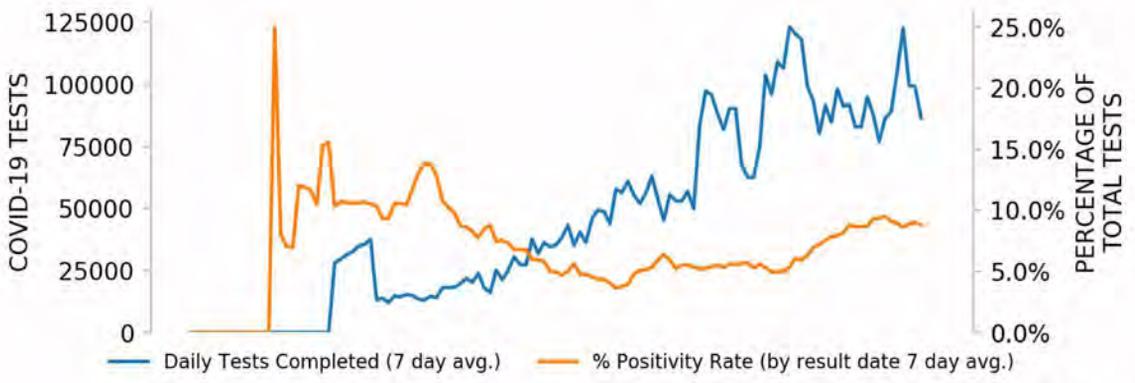
CALIFORNIA

STATE REPORT | 07.19.2020

NEW CASES

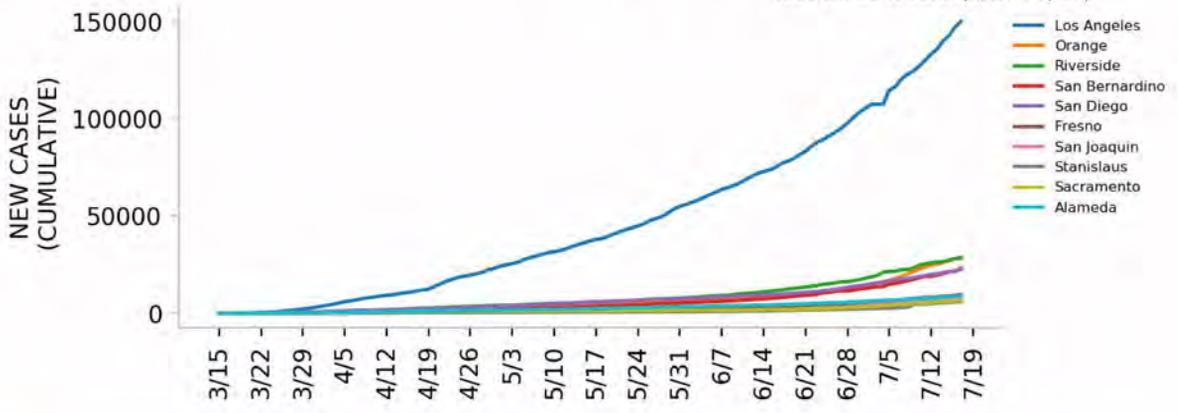


TESTING



Top counties based on greatest number of new cases in last three weeks (6/27 - 7/17)

TOP COUNTIES



DATA SOURCES

Cases: County-level data from USAFacts. 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 7/17/2020.

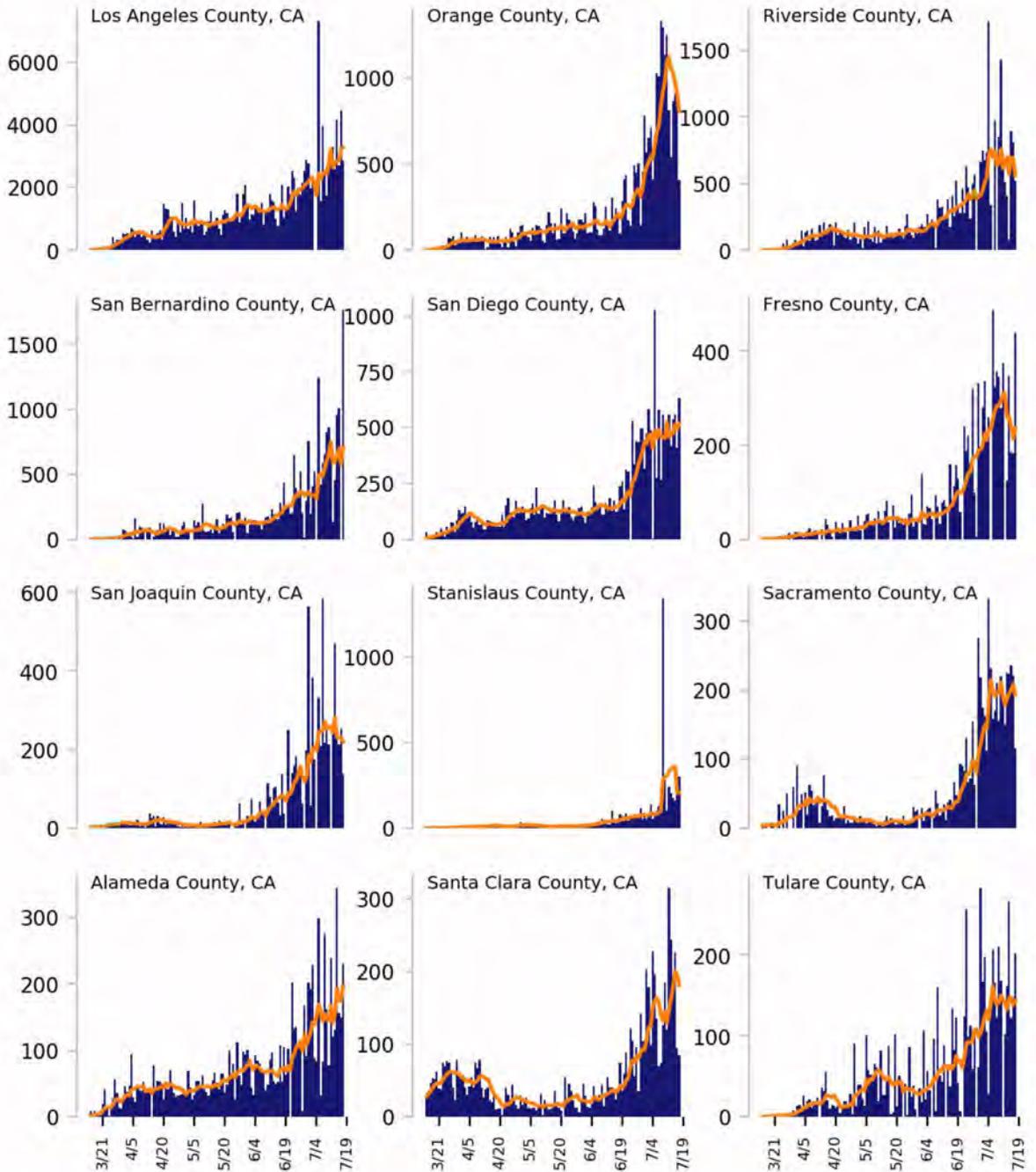
Testing: CELR (COVID-19 Electronic Lab Reporting) state health department-reported data through 7/15/2020.



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



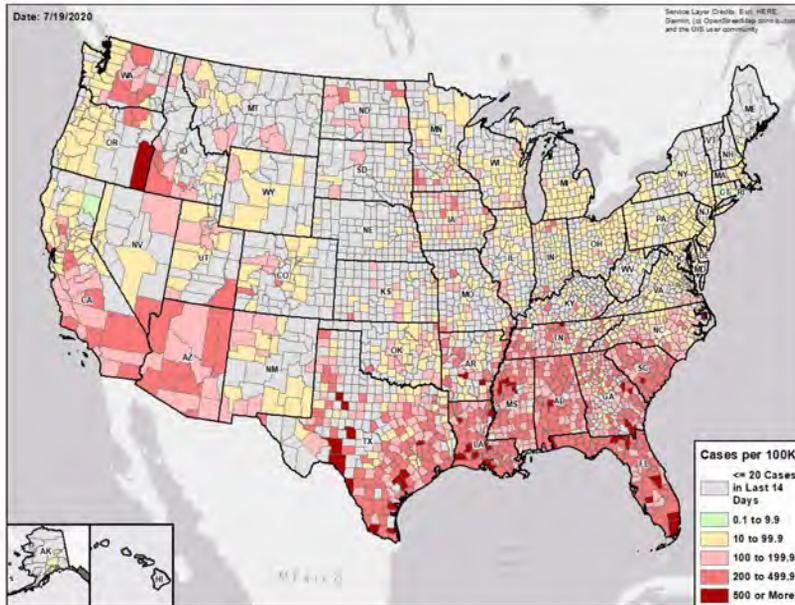
DATA SOURCES

Cases: County-level data from USAFacts through 7/17/2020. Last 3 weeks is 6/27 - 7/17.

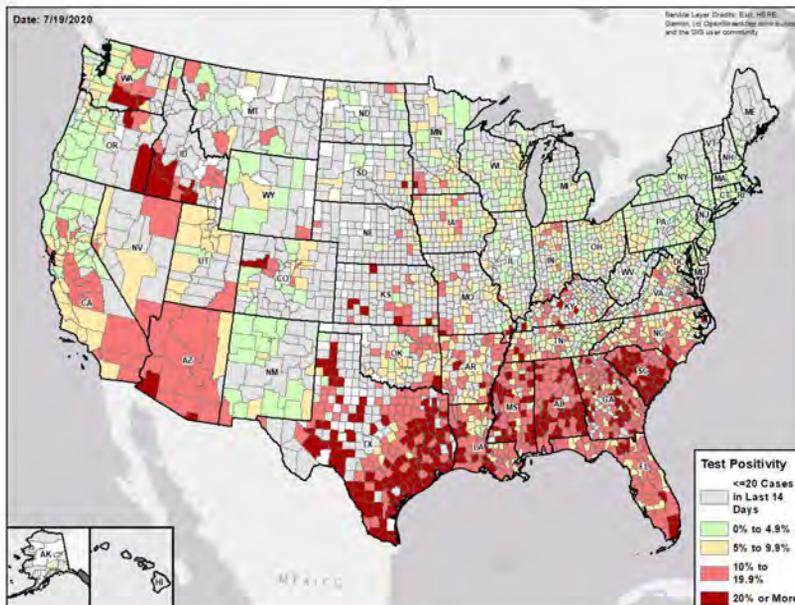


National Picture

NEW CASES PER 100,000 LAST WEEK



TEST POSITIVITY LAST WEEK



DATA SOURCES

Cases: County-level data from USAFacts through 7/17/2020. Last week is 7/11 - 7/17

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 7/15/2020. Last week is 7/9 - 7/15. Testing data may be backfilled over time, resulting in changes week-to-week in testing data. It is critical that states provide as up-to-date testing data as possible.



Methods

STATE REPORT | 07.19.2020

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)

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	<0.5	0.5-2	>2
Percent change in deaths per 100,000 population	<-10%	-10% - 10%	>10%
Skilled Nursing Facilities with at least one COVID-19 case	0%	0.1%-5%	>5%
Change in SNFs with at least one COVID-19 case	<-0.5%	-0.5%-0.5%	>0.5%

DATA NOTES

- Cases and deaths:** County-level data from USAFacts as of 13:00 EDT on 07/18/2020. 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 7/11 to 7/17; previous week data are from 7/4 to 7/10.
- Testing:** CELR (COVID-19 Electronic Lab Reporting) state health department-reported data are used to describe state-level totals when able to be disaggregated from serology test results and to describe county-level 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. Total diagnostic tests are the number of tests performed, not the number of individuals tested. Diagnostic test positivity rate is the number of positive tests divided by the number of tests performed and resulted. Last week data are from 7/9 to 7/15; previous week data are from 7/2 to 7/8. HHS Protect data is recent as of 16:30 EDT on 07/19/2020. Testing data are inclusive of everything received and processed by the CELR system as of 14:00 EDT on 07/19/2020. Testing data may be backfilled over time, resulting in changes week-to-week in testing data. It is critical that states provide as up-to-date testing data as possible.
- 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; 100% represents the baseline mobility level. Data is recent as of 13:00 EDT on 07/18/2020 and through 7/16/2020.
- 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.
- Skilled Nursing Facilities:** National Healthcare Safety Network (NHSN). 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 analysis. Also note that data presented by NHSN is more recent than the data publicly posted by CMS. Therefore, data presented may differ slightly from those publicly posted by CMS.



COLORADO

STATE REPORT | 07.19.2020

SUMMARY

- Colorado is in the yellow zone for cases, indicating between 10 to 100 new cases per 100,000 population last week, and the yellow zone for test positivity, indicating a rate between 5% to 10%.
- Colorado has seen an increase in new cases and an increase in testing positivity over the past week.
- The following three counties had the highest number of new cases over the past 3 weeks: 1. Denver County, 2. El Paso County, and 3. Adams County. These counties represent 45.8 percent of new cases in Colorado.
- Cases increased in multiple counties across the state last week but remain concentrated near the urban centers of Denver and Colorado Springs.
- Colorado had 55 new cases per 100,000 population in the past week, compared to a national average of 140 per 100,000.
- The federal government has deployed the following staff as assets to support the state response: 67 to support operations activities from FEMA; 4 to support operations activities from ASPR; and 6 to support operations from USACE.
- During Jul 15 - Jul 17, on average, 28 patients with confirmed COVID-19 and 88 patients with suspected COVID-19 were reported as newly admitted each day to hospitals in Colorado. An average of 68 percent of hospitals reported 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

- Continue with state masking mandate and targeted tailored messaging to encourage compliance; develop innovative ways to monitor compliance.
- Continue the restrictions on bars and public entertainment venues.
- Continue efforts to increase testing at both public health and private laboratories. Consider use of diagnostic pooling of samples to increase testing access and reduce turnaround times.
- Monitor testing data to identify additional sites of increased transmission and focus public health resources on them.
- Work with local community groups to provide targeted, tailored messaging to communities with high case rates and increase community level testing.
- Recruit more contact tracers as community outreach workers to ensure all cases are contacted and all positive households are individually tested within 24 hours of health department notification.
- Encourage individuals that have participated in large social gatherings to get tested.
- Continue messaging of the risk of serious disease in all age groups with preexisting medical conditions, including obesity, hypertension, and diabetes mellitus.
- Protect those in nursing homes and long-term care facilities by assuring access to rapid facility-wide testing in response to a resident or staff member with COVID-19. Address staff and supply shortages. Ensure social distancing and universal facemask use.
- Specific, detailed guidance on community mitigation measures can be found on the [CDC website](#).

The purpose of this report is to develop a shared understanding of the current status of the pandemic at the national, regional, state and local levels. We recognize that data at the state level may differ from that available at the federal level. Our objective is to use consistent data sources and methods that allow for comparisons to be made across localities. We appreciate your continued support in identifying data discrepancies and improving data completeness and sharing across systems. We look forward to your feedback.

* This figure may differ from state data due to differences in hospital lists between federal and state systems or inclusion of hospitals that are not admitting COVID-19 patients. We are working to incorporate feedback on an ongoing basis to update these figures. These data exclude psychiatric, rehabilitation, and religious non-medical hospitals.



COVID-19

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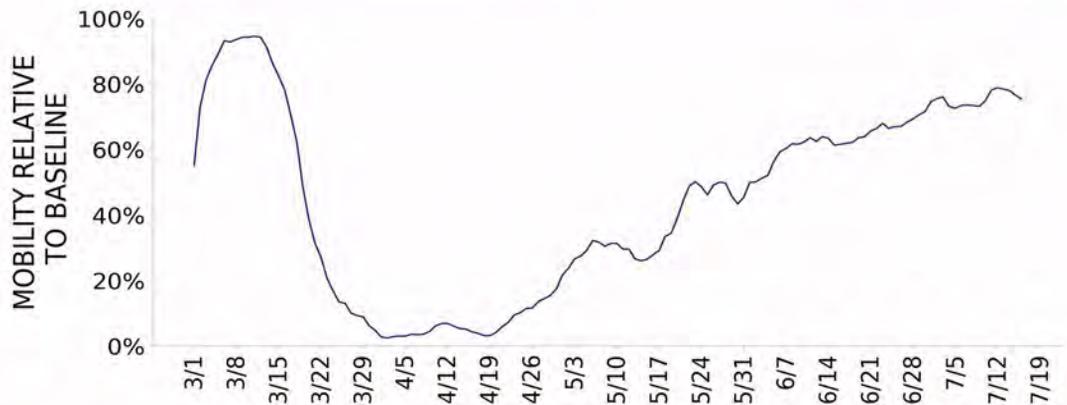


COLORADO

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	STATE, LAST WEEK	STATE, % CHANGE FROM PREVIOUS WEEK	FEMA/HHS REGION, LAST WEEK	UNITED STATES, LAST WEEK
NEW CASES (RATE PER 100,000)	3,155 (55)	+22.3%	9,520 (78)	460,366 (140)
DIAGNOSTIC TEST POSITIVITY RATE	5.2%	+0.5%*	6.0%	9.1%
TOTAL DIAGNOSTIC TESTS (TESTS PER 100,000)	56,660 (984)	+7.6%	182,910 (1,492)	4,940,998 (1,505)
COVID DEATHS (RATE PER 100,000)	27 (0)	-20.6%	81 (1)	5,122 (2)
SNFs WITH AT LEAST ONE COVID-19 CASE	7.8%	+1.0%	4.5%	10.0%

MOBILITY



* Indicates absolute change in percentage points

DATA SOURCES

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 7/17/2020; last week is 7/11 - 7/17, previous week is 7/4 - 7/10.

Testing: State-level values calculated by using 7-day rolling averages of reported tests. Regional- and national-level values calculated by using a 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 7/15/2020. Last week is 7/9 - 7/15, previous week is 7/2 - 7/8. Testing data are inclusive of everything received and processed by the CELR system as of 14:00 EDT on 07/19/2020. Some dates may be incomplete due to delays in reporting. Testing data may be backfilled over time, resulting in changes week-to-week in testing data. It is critical that states provide as up-to-date testing data as possible.

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; 100% represents the baseline mobility level. Data is anonymized and provided at the county level. Data through 7/16/2020.

SNFs: Skilled nursing facilities. National Healthcare Safety Network. Last week is 7/6-7/12, previous week is 6/29-7/5.



COLORADO

STATE REPORT | 07.19.2020

LOCALITIES IN RED ZONE

LOCALITIES IN YELLOW ZONE

METRO AREA (CBSA) LAST WEEK

2	Glenwood Springs Edwards
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4	Denver-Aurora-Lakewood Colorado Springs Greeley Montrose
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COUNTY LAST WEEK

4	Garfield Eagle Pitkin Sedgwick
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15 Top 12 shown (full list below)	El Paso Adams Arapahoe Jefferson Weld Douglas Prowers Teller Montrose Grand Mineral Elbert
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All Yellow Counties: El Paso, Adams, Arapahoe, Jefferson, Weld, Douglas, Prowers, Teller, Montrose, Grand, Mineral, Elbert, Lake, Custer, Bent

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 a diagnostic test positivity result above 10%.

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

Note: Top 12 locations are selected based on the highest number of new cases in the last three weeks.

DATA SOURCES

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 7/17/2020; last week is 7/11 - 7/17, three weeks is 6/27 - 7/17.

Testing: CELR (COVID-19 Electronic Lab Reporting) state health department-reported data through 7/15/2020. Last week is 7/9 - 7/15. Testing data may be backfilled over time, resulting in changes week-to-week in testing data. It is critical that states provide as up-to-date testing data as possible.

POLICY RECOMMENDATIONS FOR COUNTIES IN THE RED ZONE

Public Messaging

- Wear a mask at all times outside the home and maintain physical distance
- Limit social gatherings to 10 people or fewer
- Do not go to bars, nightclubs, or gyms
- Use take out or eat outdoors socially distanced
- Protect anyone with serious medical conditions at home by social distancing at home and using high levels of personal hygiene, including handwashing and cleaning surfaces
- Reduce your public interactions and activities to 25% of your normal activity

Public Officials

- Close bars and gyms, and create outdoor dining opportunities with pedestrian areas
- Limit social gatherings to 10 people or fewer
- Institute routine weekly testing of all workers in assisted living and long-term care facilities. Require masks for all staff and prohibit visitors
- Ensure that all business retailers and personal services require masks and can safely social distance
- Increase messaging on the risk of serious disease for individuals in all age groups with preexisting obesity, hypertension, and diabetes mellitus, and recommend to shelter in place
- Work with local community groups to provide targeted, tailored messaging to communities with high case rates, and increase community level testing
- Recruit more contact tracers as community outreach workers to ensure all cases are contacted and all positive households are individually tested within 24 hours
- Provide isolation facilities outside of households if COVID-positive individuals can't quarantine successfully

Testing

- Move to community-led neighborhood testing and work with local community groups to increase access to testing
- Surge testing and contact tracing resources to neighborhoods and zip codes with highest case rates
- **Diagnostic pooling:** Laboratories should use pooling of samples to increase testing access and reduce turnaround times to under 12 hours. Consider pools of 2-3 individuals in high incidence settings and 5:1 pools in setting where test positivity is under 10%
- **Surveillance pooling:** For family and cohabitating households, screen entire households in a single test by pooling specimens of all members into single collection device

POLICY RECOMMENDATIONS FOR COUNTIES IN THE YELLOW ZONE IN ORDER TO PREEMPT EXPONENTIAL COMMUNITY SPREAD

Public Messaging

- Wear a mask at all times outside the home and maintain physical distance
- Limit social gatherings to 25 people or fewer
- Do not go to bars or nightclubs
- Use take out, outdoor dining or indoor dining when strict social distancing can be maintained
- Protect anyone with serious medical conditions at home by social distancing at home and using high levels of personal hygiene
- Reduce your public interactions and activities to 50% of your normal activity

Public Officials

- Limit gyms to 25% occupancy and close bars until percent positive rates are under 3%; create outdoor dining opportunities with pedestrian areas
- Limit social gatherings to 25 people or fewer
- Institute routine weekly testing of all workers in assisted living and long-term care facilities. Require masks for all staff and prohibit visitors
- Ensure that all business retailers and personal services require masks and can safely social distance
- Increase messaging on the risk of serious disease for individuals in all age groups with preexisting obesity, hypertension, and diabetes mellitus, and recommend to shelter in place
- Work with local community groups to provide targeted, tailored messaging to communities with high case rates, and increase community level testing
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Testing

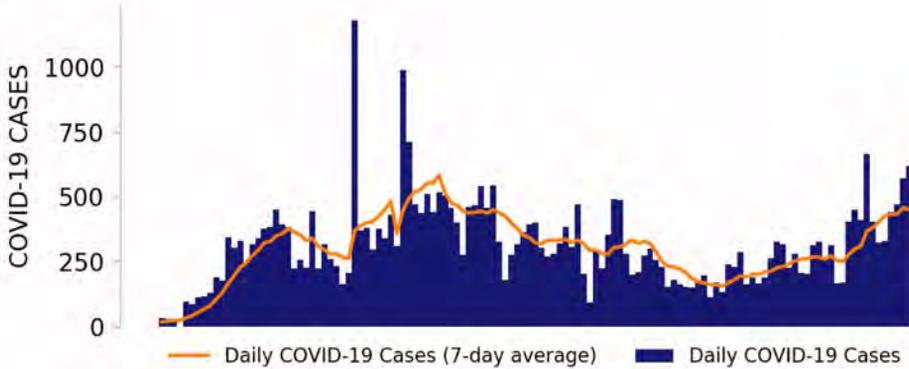
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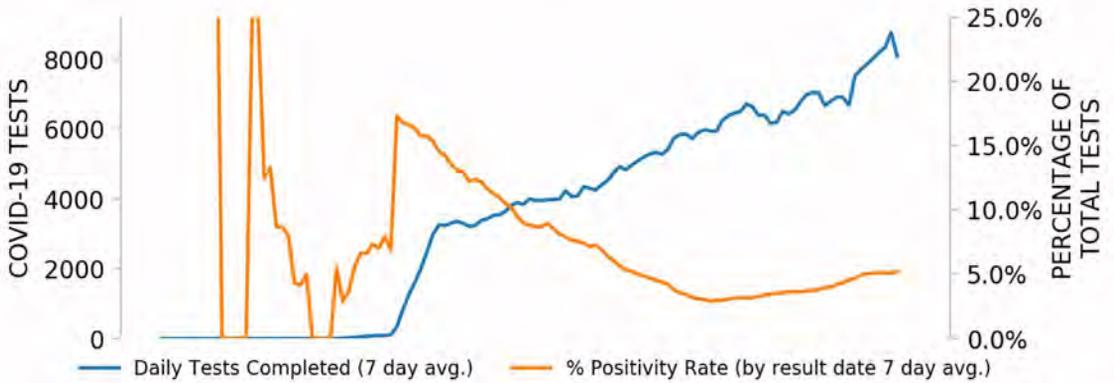
COLORADO

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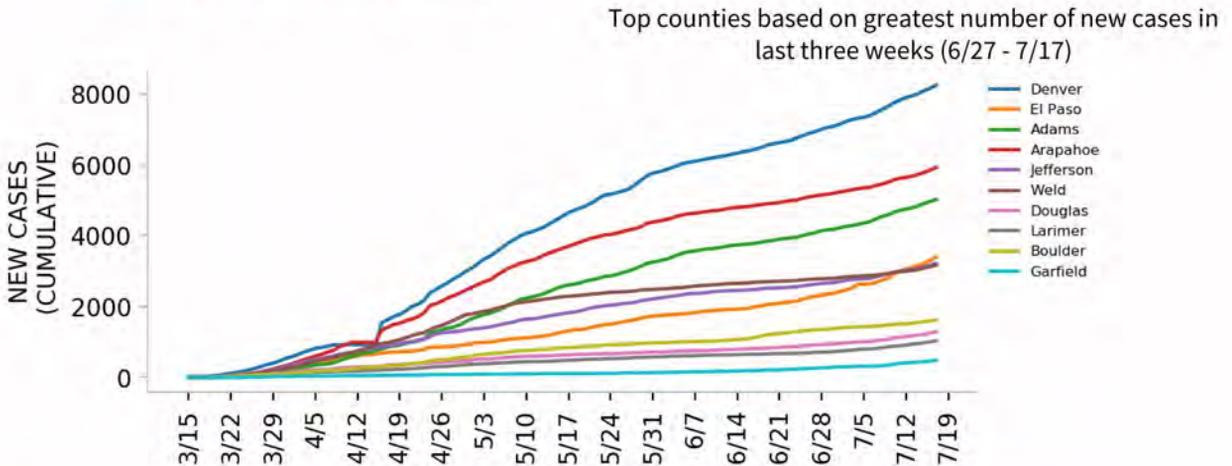
NEW CASES



TESTING



TOP COUNTIES



DATA SOURCES

Cases: County-level data from USAFacts. 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 7/17/2020.

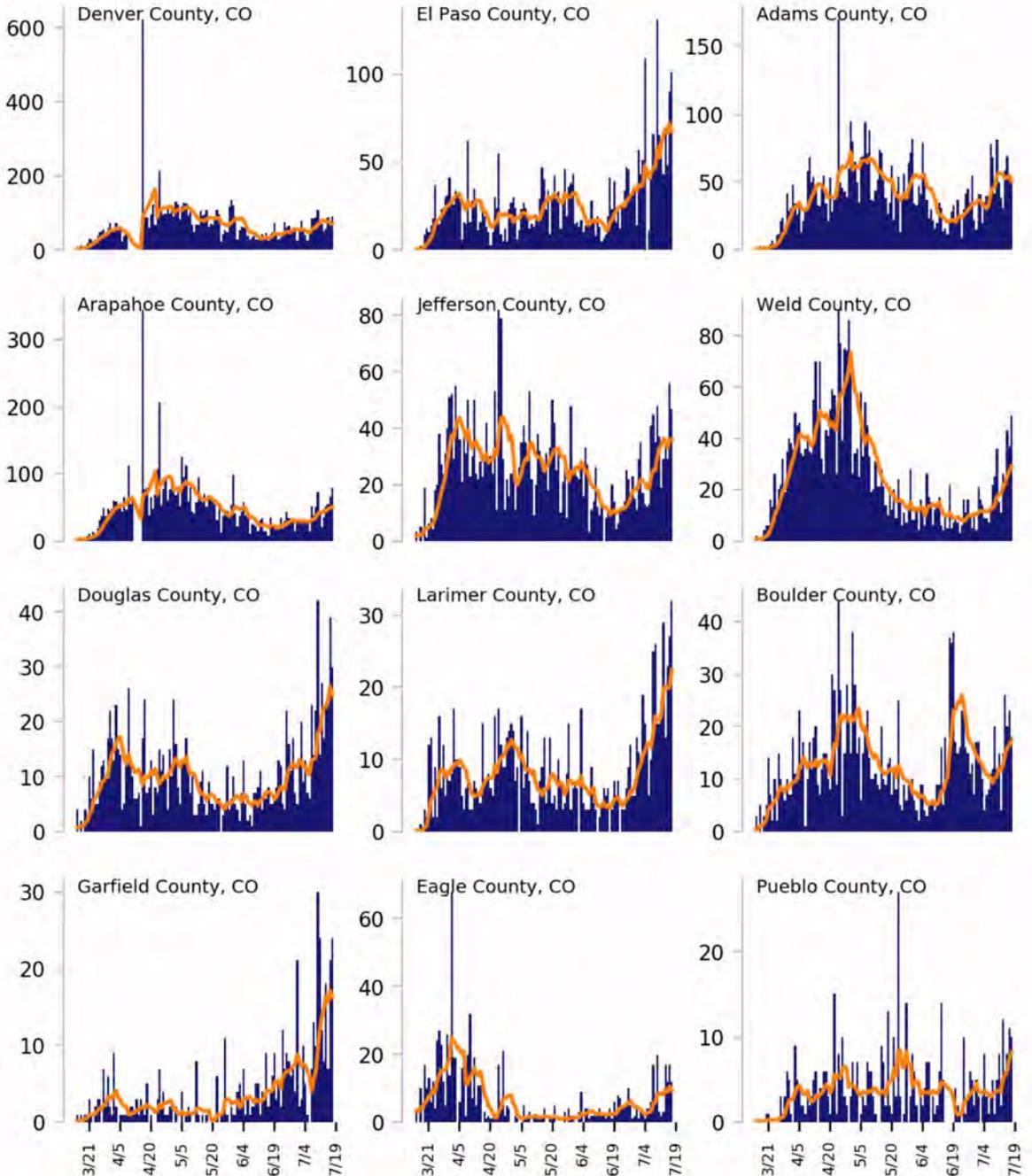
Testing: CELR (COVID-19 Electronic Lab Reporting) state health department-reported data through 7/15/2020.



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



DATA SOURCES

Cases: County-level data from USAFacts through 7/17/2020. Last 3 weeks is 6/27 - 7/17.

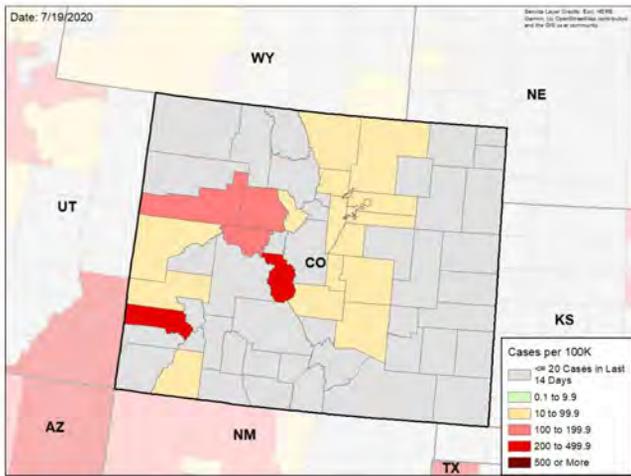


COLORADO

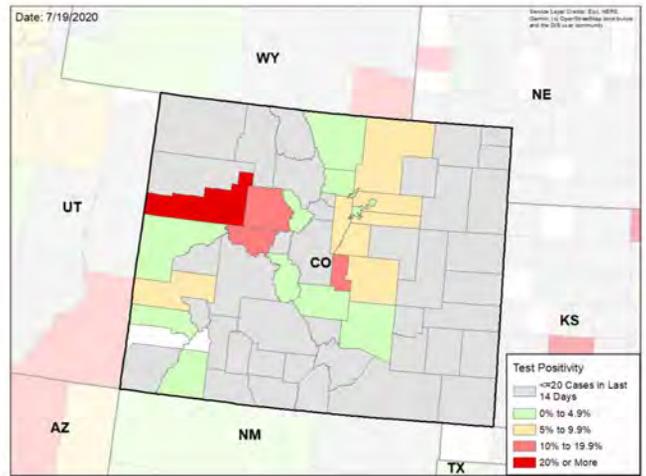
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CASE RATES AND DIAGNOSTIC TEST POSITIVITY DURING THE LAST WEEK

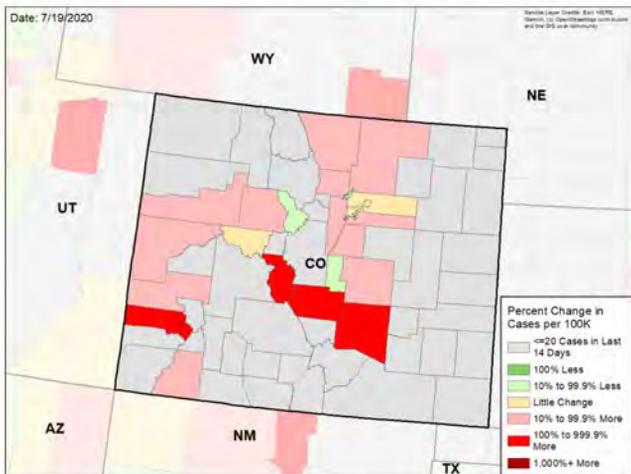
NEW CASES PER 100,000 DURING LAST WEEK



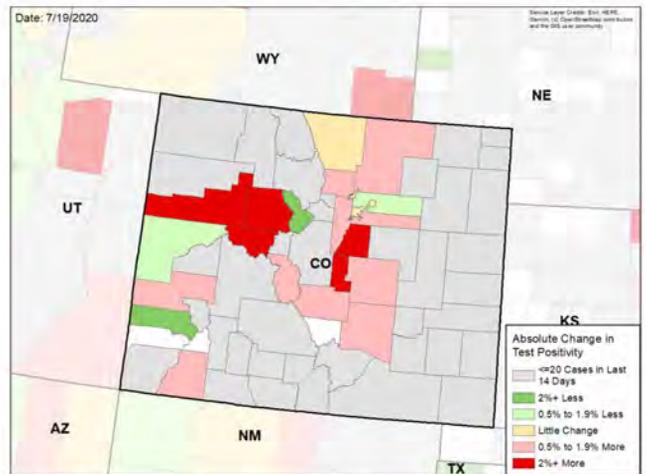
TEST POSITIVITY DURING LAST WEEK



WEEKLY % CHANGE IN NEW CASES PER 100K



WEEKLY CHANGE IN TEST POSITIVITY



DATA SOURCES

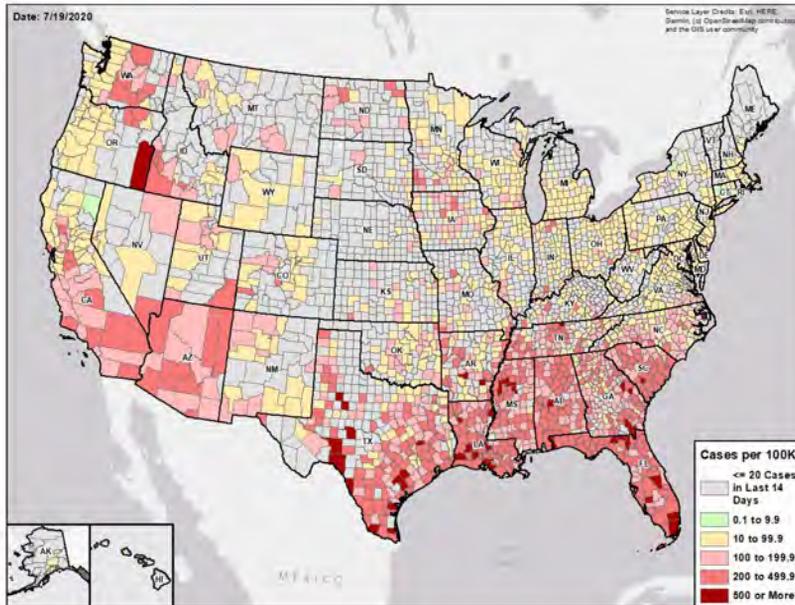
Cases: County-level data from USAFacts through 7/17/2020. Last week is 7/11 - 7/17, previous week is 7/4 - 7/10

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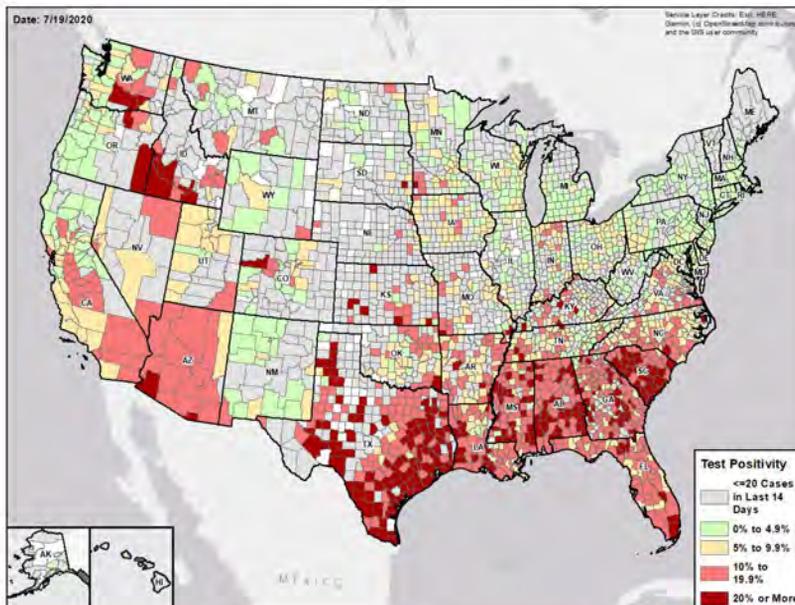


National Picture

NEW CASES PER 100,000 LAST WEEK



TEST POSITIVITY LAST WEEK



DATA SOURCES

Cases: County-level data from USAFacts through 7/17/2020. Last week is 7/11 - 7/17

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 7/15/2020. Last week is 7/9 - 7/15. Testing data may be backfilled over time, resulting in changes week-to-week in testing data. It is critical that states provide as up-to-date testing data as possible.



Methods

STATE REPORT | 07.19.2020

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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	<0.5	0.5-2	>2
Percent change in deaths per 100,000 population	<-10%	-10% - 10%	>10%
Skilled Nursing Facilities with at least one COVID-19 case	0%	0.1%-5%	>5%
Change in SNFs with at least one COVID-19 case	<-0.5%	-0.5%-0.5%	>0.5%

DATA NOTES

- Cases and deaths:** County-level data from USAFacts as of 13:00 EDT on 07/18/2020. 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 7/11 to 7/17; previous week data are from 7/4 to 7/10.
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- 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.
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CONNECTICUT

STATE REPORT | 07.19.2020

SUMMARY

- Connecticut is in the yellow zone for cases, indicating between 10 to 100 new cases per 100,000 population last week, and the green zone for test positivity, indicating a rate below 5%.
- Connecticut has seen stability in new cases and stability in testing positivity over the past week.
- The following three counties had the highest number of new cases over the past 3 weeks: 1. Hartford County, 2. Fairfield County, and 3. New Haven County. These counties represent 81.8 percent of new cases in Connecticut.
- Connecticut had 17 new cases per 100,000 population in the past week, compared to a national average of 140 per 100,000.
- The federal government has deployed the following staff as assets to support the state response: 2 to support operations activities from FEMA; 4 to support operations activities from USCG; and 1 to support operations activities from VA.
- During Jul 15 - Jul 17, on average, 4 patients with confirmed COVID-19 and 51 patients with suspected COVID-19 were reported as newly admitted each day to hospitals in Connecticut. An average of 56 percent of hospitals reported 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

- Continue limitations on indoor occupancy of bars and restaurants as specified in phase 2 of Connecticut's Reopen Plan.
- Continue the scale-up of testing and rollout of contact tracing currently underway. Recruit more contact tracers as community outreach workers to ensure all cases are contacted and all members of positive households are individually tested within 24 hours.
- Continue the state masking requirement and intensify public messaging of its importance given national trends.
- Protect those in nursing homes and long-term care facilities by assuring access to rapid facility-wide testing in response to a resident or staff member with COVID-19. Address staff and supply shortages. Ensure social distancing and universal facemask use.
- Specific, detailed guidance on community mitigation measures can be found on the [CDC website](#).

The purpose of this report is to develop a shared understanding of the current status of the pandemic at the national, regional, state and local levels. We recognize that data at the state level may differ from that available at the federal level. Our objective is to use consistent data sources and methods that allow for comparisons to be made across localities. We appreciate your continued support in identifying data discrepancies and improving data completeness and sharing across systems. We look forward to your feedback.

** This figure may differ from state data due to differences in hospital lists between federal and state systems or inclusion of hospitals that are not admitting COVID-19 patients. We are working to incorporate feedback on an ongoing basis to update these figures. These data exclude psychiatric, rehabilitation, and religious non-medical hospitals.*



COVID-19

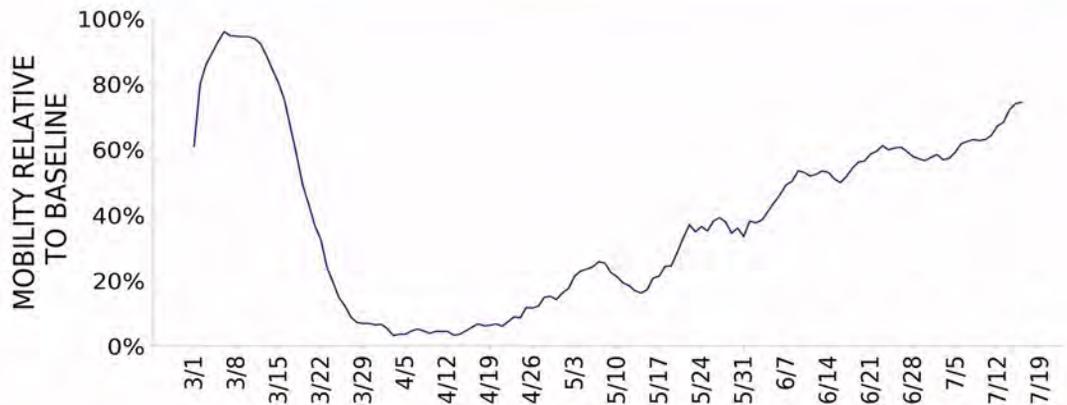


CONNECTICUT

STATE REPORT | 07.19.2020

	STATE, LAST WEEK	STATE, % CHANGE FROM PREVIOUS WEEK	FEMA/HHS REGION, LAST WEEK	UNITED STATES, LAST WEEK
NEW CASES (RATE PER 100,000)	606 (17)	+6.3%	3,236 (22)	460,366 (140)
DIAGNOSTIC TEST POSITIVITY RATE	1.1%	-0.1%*	1.7%	9.1%
TOTAL DIAGNOSTIC TESTS (TESTS PER 100,000)	30,437 (854)	-50.0%	184,227 (1,241)	4,940,998 (1,505)
COVID DEATHS (RATE PER 100,000)	48 (1)	+269.2%	179 (1)	5,122 (2)
SNFs WITH AT LEAST ONE COVID-19 CASE	12.7%	+1.1%	7.0%	10.0%

MOBILITY



* Indicates absolute change in percentage points

DATA SOURCES

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 7/17/2020; last week is 7/11 - 7/17, previous week is 7/4 - 7/10.

Testing: State-level values calculated by using 7-day rolling averages of reported tests. Regional- and national-level values calculated by using a 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 7/15/2020. Last week is 7/9 - 7/15, previous week is 7/2 - 7/8. Testing data are inclusive of everything received and processed by the CELR system as of 14:00 EDT on 07/19/2020. Some dates may be incomplete due to delays in reporting. Testing data may be backfilled over time, resulting in changes week-to-week in testing data. It is critical that states provide as up-to-date testing data as possible.

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; 100% represents the baseline mobility level. Data is anonymized and provided at the county level. Data through 7/16/2020.

SNFs: Skilled nursing facilities. National Healthcare Safety Network. Last week is 7/6-7/12, previous week is 6/29-7/5.



CONNECTICUT

STATE REPORT | 07.19.2020

LOCALITIES IN RED ZONE

LOCALITIES IN YELLOW ZONE

METRO AREA (CBSA) LAST WEEK

0	N/A
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0	N/A
----------	-----

COUNTY LAST WEEK

0	N/A
----------	-----

0	N/A
----------	-----

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 a diagnostic test positivity result above 10%.

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

Note: Top 12 locations are selected based on the highest number of new cases in the last three weeks.

DATA SOURCES

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 7/17/2020; last week is 7/11 - 7/17, three weeks is 6/27 - 7/17.

Testing: CELR (COVID-19 Electronic Lab Reporting) state health department-reported data through 7/15/2020. Last week is 7/9 - 7/15. Testing data may be backfilled over time, resulting in changes week-to-week in testing data. It is critical that states provide as up-to-date testing data as possible.

POLICY RECOMMENDATIONS FOR COUNTIES IN THE RED ZONE

Public Messaging

- Wear a mask at all times outside the home and maintain physical distance
- Limit social gatherings to 10 people or fewer
- Do not go to bars, nightclubs, or gyms
- Use take out or eat outdoors socially distanced
- Protect anyone with serious medical conditions at home by social distancing at home and using high levels of personal hygiene, including handwashing and cleaning surfaces
- Reduce your public interactions and activities to 25% of your normal activity

Public Officials

- Close bars and gyms, and create outdoor dining opportunities with pedestrian areas
- Limit social gatherings to 10 people or fewer
- Institute routine weekly testing of all workers in assisted living and long-term care facilities. Require masks for all staff and prohibit visitors
- Ensure that all business retailers and personal services require masks and can safely social distance
- Increase messaging on the risk of serious disease for individuals in all age groups with preexisting obesity, hypertension, and diabetes mellitus, and recommend to shelter in place
- Work with local community groups to provide targeted, tailored messaging to communities with high case rates, and increase community level testing
- Recruit more contact tracers as community outreach workers to ensure all cases are contacted and all positive households are individually tested within 24 hours
- Provide isolation facilities outside of households if COVID-positive individuals can't quarantine successfully

Testing

- Move to community-led neighborhood testing and work with local community groups to increase access to testing
- Surge testing and contact tracing resources to neighborhoods and zip codes with highest case rates
- **Diagnostic pooling:** Laboratories should use pooling of samples to increase testing access and reduce turnaround times to under 12 hours. Consider pools of 2-3 individuals in high incidence settings and 5:1 pools in setting where test positivity is under 10%
- **Surveillance pooling:** For family and cohabitating households, screen entire households in a single test by pooling specimens of all members into single collection device

POLICY RECOMMENDATIONS FOR COUNTIES IN THE YELLOW ZONE IN ORDER TO PREEMPT EXPONENTIAL COMMUNITY SPREAD

Public Messaging

- Wear a mask at all times outside the home and maintain physical distance
- Limit social gatherings to 25 people or fewer
- Do not go to bars or nightclubs
- Use take out, outdoor dining or indoor dining when strict social distancing can be maintained
- Protect anyone with serious medical conditions at home by social distancing at home and using high levels of personal hygiene
- Reduce your public interactions and activities to 50% of your normal activity

Public Officials

- Limit gyms to 25% occupancy and close bars until percent positive rates are under 3%; create outdoor dining opportunities with pedestrian areas
- Limit social gatherings to 25 people or fewer
- Institute routine weekly testing of all workers in assisted living and long-term care facilities. Require masks for all staff and prohibit visitors
- Ensure that all business retailers and personal services require masks and can safely social distance
- Increase messaging on the risk of serious disease for individuals in all age groups with preexisting obesity, hypertension, and diabetes mellitus, and recommend to shelter in place
- Work with local community groups to provide targeted, tailored messaging to communities with high case rates, and increase community level testing
- Recruit more contact tracers as community outreach workers to ensure all cases are contacted and all positive households are individually tested within 24 hours
- Provide isolation facilities outside of households if COVID-positive individuals can't quarantine successfully

Testing

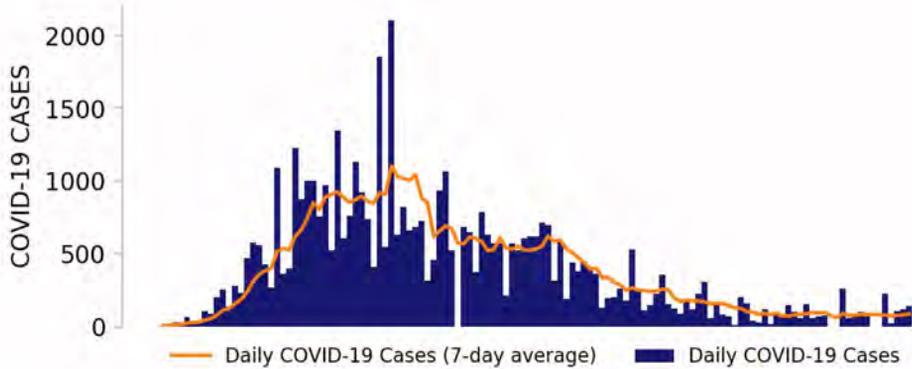
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- **Surveillance pooling:** For family and cohabitating households, screen entire households in a single test by pooling specimens of all members into single collection device



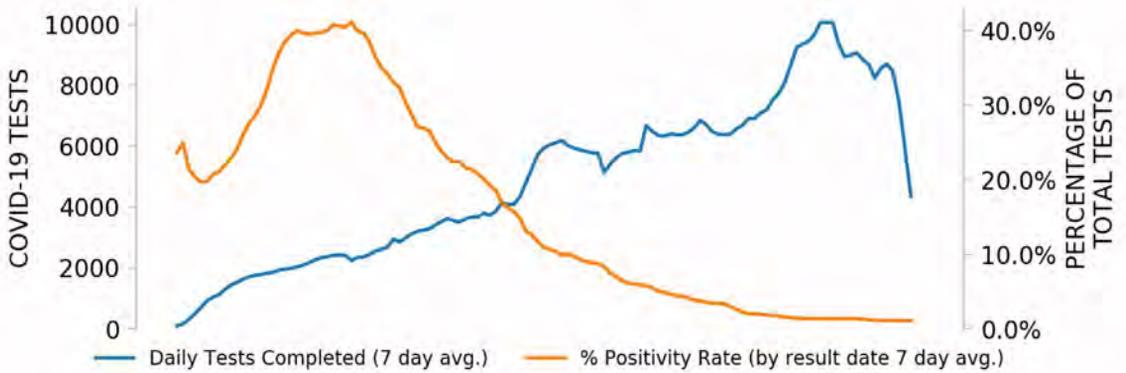
CONNECTICUT

STATE REPORT | 07.19.2020

NEW CASES

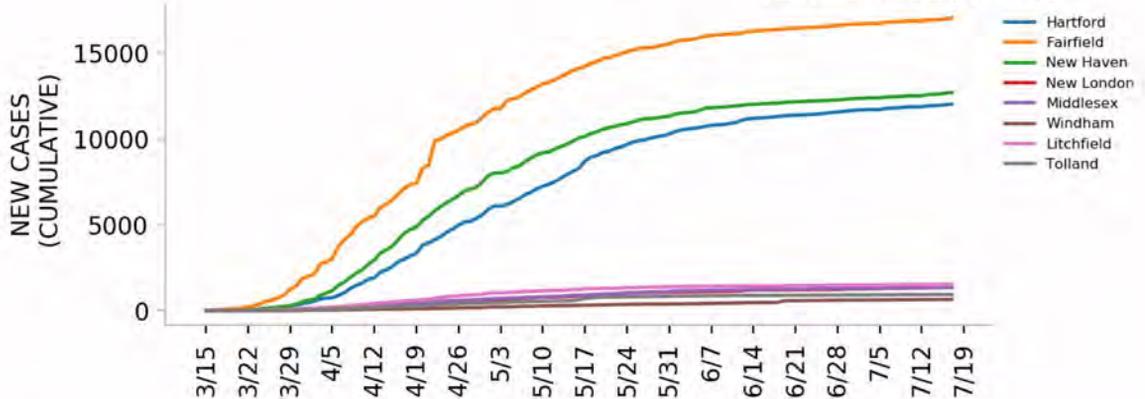


TESTING



Top counties based on greatest number of new cases in last three weeks (6/27 - 7/17)

TOP COUNTIES



DATA SOURCES

Cases: County-level data from USAFacts. 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 7/17/2020.

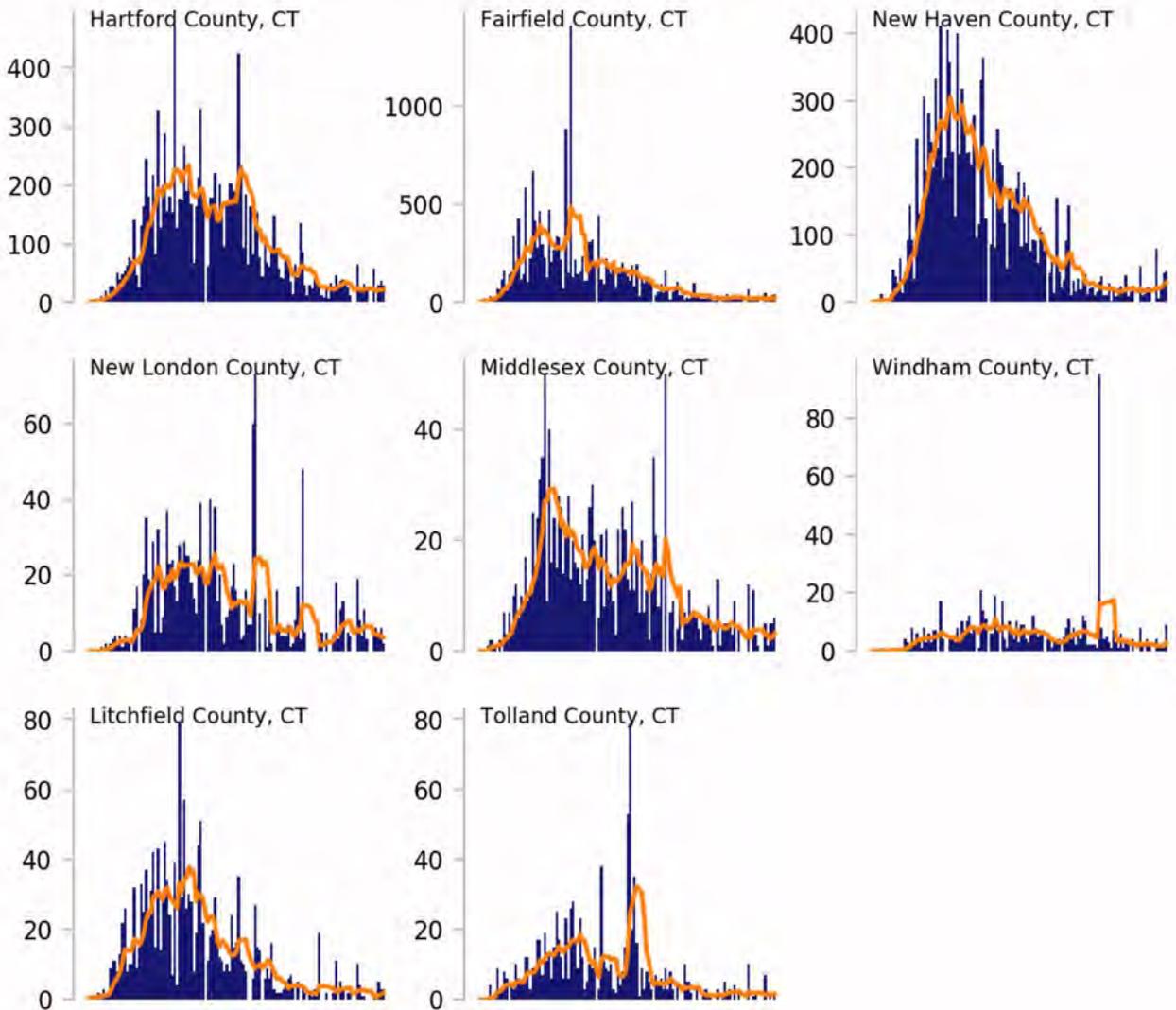
Testing: CELR (COVID-19 Electronic Lab Reporting) state health department-reported data through 7/15/2020.



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



DATA SOURCES

Cases: County-level data from USAFacts through 7/17/2020. Last 3 weeks is 6/27 - 7/17.

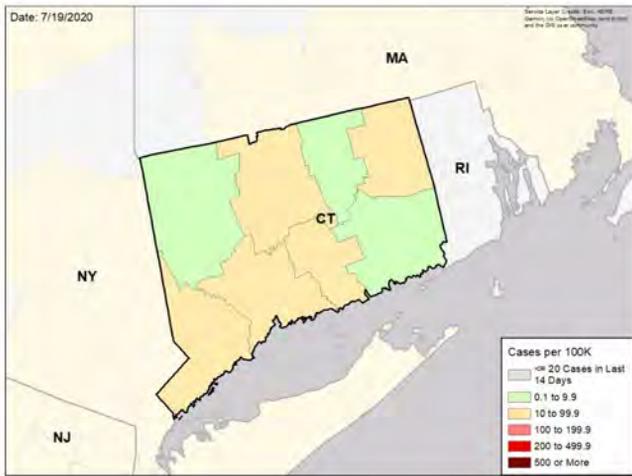


CONNECTICUT

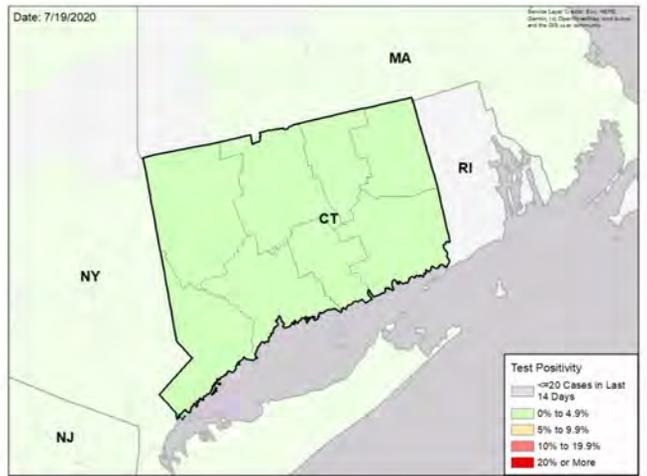
STATE REPORT | 07.19.2020

CASE RATES AND DIAGNOSTIC TEST POSITIVITY DURING THE LAST WEEK

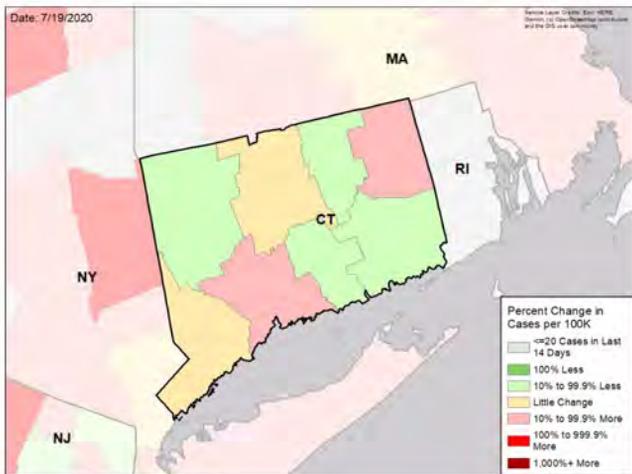
NEW CASES PER 100,000 DURING LAST WEEK



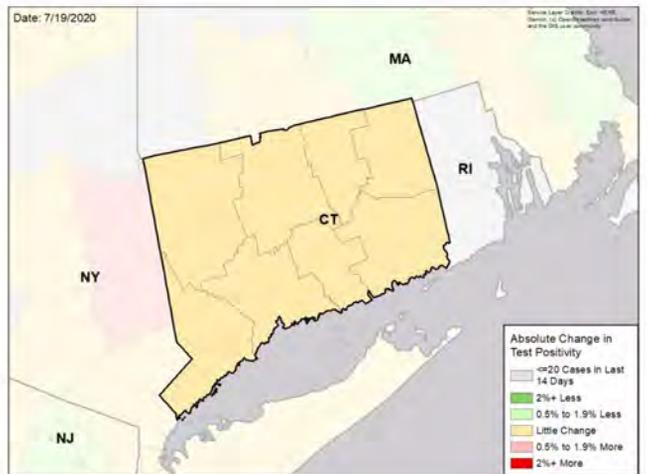
TEST POSITIVITY DURING LAST WEEK



WEEKLY % CHANGE IN NEW CASES PER 100K



WEEKLY CHANGE IN TEST POSITIVITY



DATA SOURCES

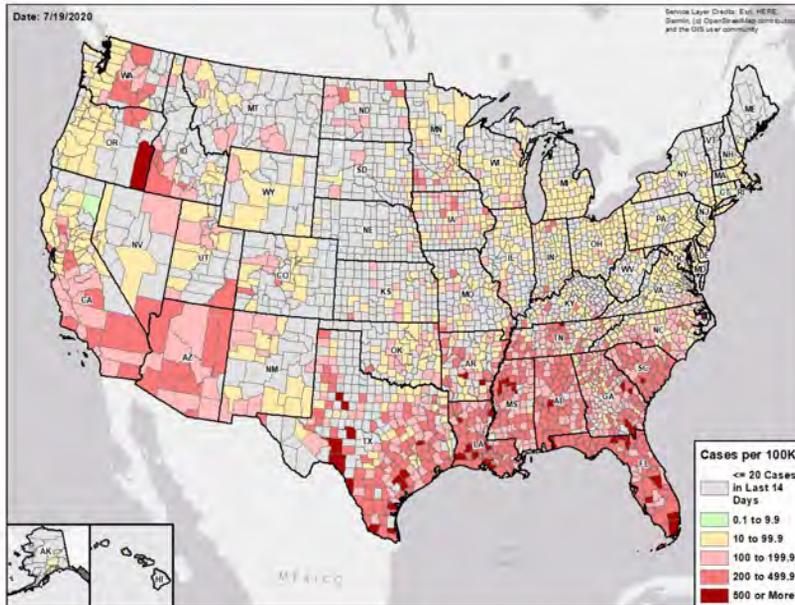
Cases: County-level data from USAFacts through 7/17/2020. Last week is 7/11 - 7/17, previous week is 7/4 - 7/10

Testing: CELR (COVID-19 Electronic Lab Reporting) state health department-reported data through 7/15/2020. Last week is 7/9 - 7/15, previous week is 7/2 - 7/8. Testing data may be backfilled over time, resulting in changes week-to-week in testing data. It is critical that states provide as up-to-date testing data as possible.

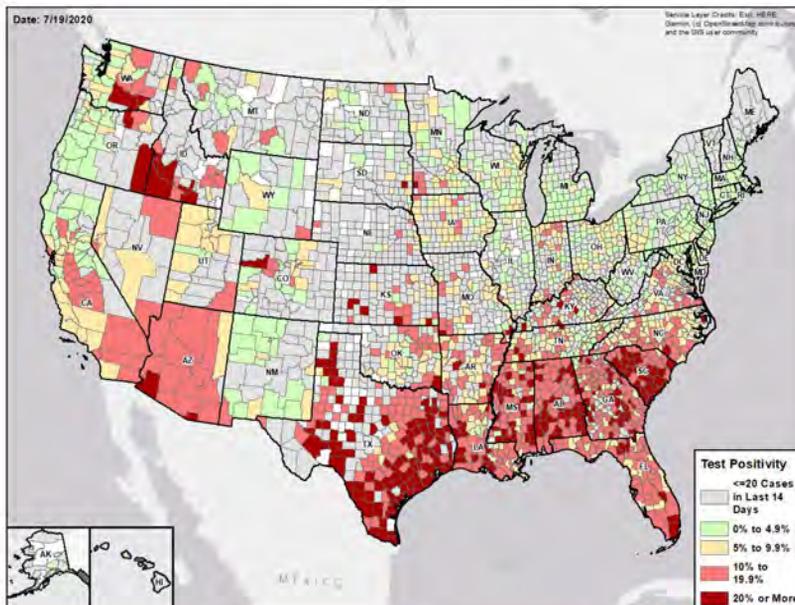


National Picture

NEW CASES PER 100,000 LAST WEEK



TEST POSITIVITY LAST WEEK



DATA SOURCES

Cases: County-level data from USAFacts through 7/17/2020. Last week is 7/11 - 7/17

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 7/15/2020. Last week is 7/9 - 7/15. Testing data may be backfilled over time, resulting in changes week-to-week in testing data. It is critical that states provide as up-to-date testing data as possible.



Methods

STATE REPORT | 07.19.2020

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)

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	<0.5	0.5-2	>2
Percent change in deaths per 100,000 population	<-10%	-10% - 10%	>10%
Skilled Nursing Facilities with at least one COVID-19 case	0%	0.1%-5%	>5%
Change in SNFs with at least one COVID-19 case	<-0.5%	-0.5%-0.5%	>0.5%

DATA NOTES

- Cases and deaths:** County-level data from USAFacts as of 13:00 EDT on 07/18/2020. 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 7/11 to 7/17; previous week data are from 7/4 to 7/10.
- Testing:** CELR (COVID-19 Electronic Lab Reporting) state health department-reported data are used to describe state-level totals when able to be disaggregated from serology test results and to describe county-level 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. Total diagnostic tests are the number of tests performed, not the number of individuals tested. Diagnostic test positivity rate is the number of positive tests divided by the number of tests performed and resulted. Last week data are from 7/9 to 7/15; previous week data are from 7/2 to 7/8. HHS Protect data is recent as of 16:30 EDT on 07/19/2020. Testing data are inclusive of everything received and processed by the CELR system as of 14:00 EDT on 07/19/2020. Testing data may be backfilled over time, resulting in changes week-to-week in testing data. It is critical that states provide as up-to-date testing data as possible.
- 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; 100% represents the baseline mobility level. Data is recent as of 13:00 EDT on 07/18/2020 and through 7/16/2020.
- 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.
- Skilled Nursing Facilities:** National Healthcare Safety Network (NHSN). 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 analysis. Also note that data presented by NHSN is more recent than the data publicly posted by CMS. Therefore, data presented may differ slightly from those publicly posted by CMS.



DELAWARE

STATE REPORT | 07.20.2020

SUMMARY

- Delaware is in the yellow zone for cases, indicating between 10 to 100 new cases per 100,000 population last week, and the green zone for test positivity, indicating a rate below 5%.
- Delaware has seen stability in new cases and stability in testing positivity over the past week.
- Delaware had 70 new cases per 100,000 population in the past week, compared to a national average of 140 per 100,000.
- The federal government has deployed the following staff as assets to support the state response: 6 to support operations activities from FEMA.
- During Jul 15 - Jul 17, on average, 4 patients with confirmed COVID-19 and 2 patients with suspected COVID-19 were reported as newly admitted each day to hospitals in Delaware. An average of 62 percent of hospitals reported 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

- Continue closure or limited seating of bars in highly affected areas. Modulate business restrictions on occupancy or operation in other localities depending on changes in reported cases.
- Continue emphasis on masking requirements in more affected areas.
- Continue efforts to recruit sufficient contact tracers as community outreach workers to ensure all cases are contacted and all members of positive households are individually tested within 24 hours.
- Work with local community groups to provide targeted, tailored messaging to communities with high case rates and to increase community level testing.
- Protect those in nursing homes and long-term care facilities by assuring access to rapid facility-wide testing in response to a resident or staff member with COVID-19. Address staff and supply shortages. Ensure social distancing and universal facemask use.
- Specific, detailed guidance on community mitigation measures can be found on the [CDC website](#).

The purpose of this report is to develop a shared understanding of the current status of the pandemic at the national, regional, state and local levels. We recognize that data at the state level may differ from that available at the federal level. Our objective is to use consistent data sources and methods that allow for comparisons to be made across localities. We appreciate your continued support in identifying data discrepancies and improving data completeness and sharing across systems. We look forward to your feedback.

** This figure may differ from state data due to differences in hospital lists between federal and state systems or inclusion of hospitals that are not admitting COVID-19 patients. We are working to incorporate feedback on an ongoing basis to update these figures. These data exclude psychiatric, rehabilitation, and religious non-medical hospitals.*



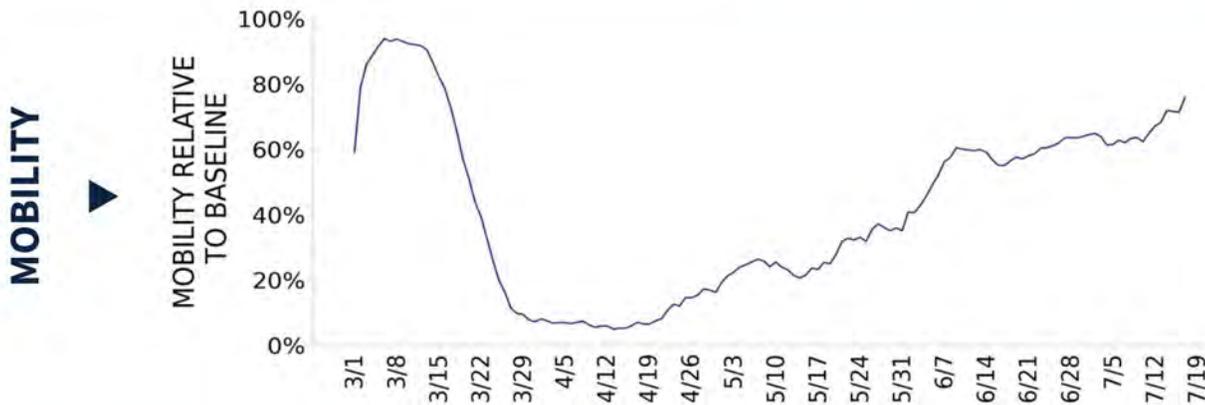
COVID-19



DELAWARE

STATE REPORT | 07.20.2020

	STATE, LAST WEEK	STATE, % CHANGE FROM PREVIOUS WEEK	FEMA/HHS REGION, LAST WEEK	UNITED STATES, LAST WEEK
NEW CASES (RATE PER 100,000)	683 (70)	-6.3%	19,501 (63)	460,366 (140)
DIAGNOSTIC TEST POSITIVITY RATE	5.0%	-0.5%*	6.8%	9.1%
TOTAL DIAGNOSTIC TESTS (TESTS PER 100,000)	7,884 (810)	+4.9%	459,561 (1,489)	4,940,998 (1,505)
COVID DEATHS (RATE PER 100,000)	5 (1)	-16.7%	234 (1)	5,122 (2)
SNFs WITH AT LEAST ONE COVID-19 CASE	4.8%	-0.1%	8.2%	10.0%



* Indicates absolute change in percentage points

DATA SOURCES

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SNFs: Skilled nursing facilities. National Healthcare Safety Network. Last week is 7/6-7/12, previous week is 6/29-7/5.



DELAWARE

STATE REPORT | 07.20.2020

LOCALITIES IN RED ZONE

LOCALITIES IN YELLOW ZONE

METRO AREA (CBSA) LAST WEEK	0	N/A	1	Dover
COUNTY LAST WEEK	0	N/A	2	Sussex Kent

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 a diagnostic test positivity result above 10%.

Yellow Zone: Those core-based statistical areas (CBSAs) and counties that during the last week reported both new cases between 10-100 per 100,000 population, and a diagnostic test positivity result between 5-10%, or one of those two conditions and one condition qualifying as being in the “Red Zone.”

Note: Top 12 locations are selected based on the highest number of new cases in the last three weeks.

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POLICY RECOMMENDATIONS FOR COUNTIES IN THE RED ZONE

Public Messaging

- Wear a mask at all times outside the home and maintain physical distance
- Limit social gatherings to 10 people or fewer
- Do not go to bars, nightclubs, or gyms
- Use take out or eat outdoors socially distanced
- Protect anyone with serious medical conditions at home by social distancing at home and using high levels of personal hygiene, including handwashing and cleaning surfaces
- Reduce your public interactions and activities to 25% of your normal activity

Public Officials

- Close bars and gyms, and create outdoor dining opportunities with pedestrian areas
- Limit social gatherings to 10 people or fewer
- Institute routine weekly testing of all workers in assisted living and long-term care facilities. Require masks for all staff and prohibit visitors
- Ensure that all business retailers and personal services require masks and can safely social distance
- Increase messaging on the risk of serious disease for individuals in all age groups with preexisting obesity, hypertension, and diabetes mellitus, and recommend to shelter in place
- Work with local community groups to provide targeted, tailored messaging to communities with high case rates, and increase community level testing
- Recruit more contact tracers as community outreach workers to ensure all cases are contacted and all positive households are individually tested within 24 hours
- Provide isolation facilities outside of households if COVID-positive individuals can't quarantine successfully

Testing

- Move to community-led neighborhood testing and work with local community groups to increase access to testing
- Surge testing and contact tracing resources to neighborhoods and zip codes with highest case rates
- **Diagnostic pooling:** Laboratories should use pooling of samples to increase testing access and reduce turnaround times to under 12 hours. Consider pools of 2-3 individuals in high incidence settings and 5:1 pools in setting where test positivity is under 10%
- **Surveillance pooling:** For family and cohabitating households, screen entire households in a single test by pooling specimens of all members into single collection device

POLICY RECOMMENDATIONS FOR COUNTIES IN THE YELLOW ZONE IN ORDER TO PREEMPT EXPONENTIAL COMMUNITY SPREAD

Public Messaging

- Wear a mask at all times outside the home and maintain physical distance
- Limit social gatherings to 25 people or fewer
- Do not go to bars or nightclubs
- Use take out, outdoor dining or indoor dining when strict social distancing can be maintained
- Protect anyone with serious medical conditions at home by social distancing at home and using high levels of personal hygiene
- Reduce your public interactions and activities to 50% of your normal activity

Public Officials

- Limit gyms to 25% occupancy and close bars until percent positive rates are under 3%; create outdoor dining opportunities with pedestrian areas
- Limit social gatherings to 25 people or fewer
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Testing

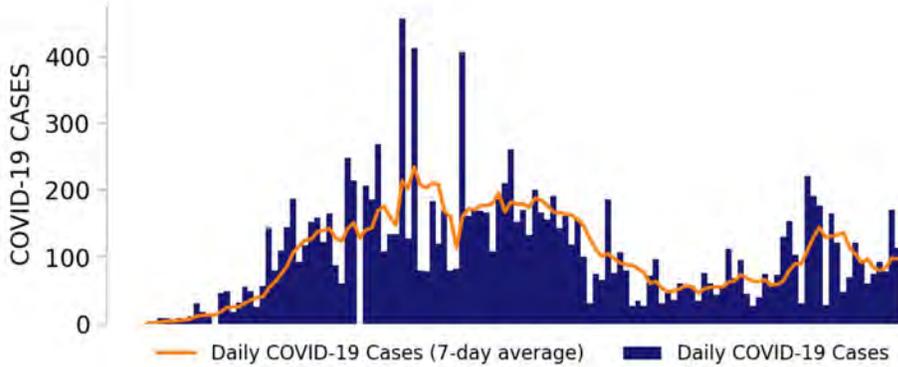
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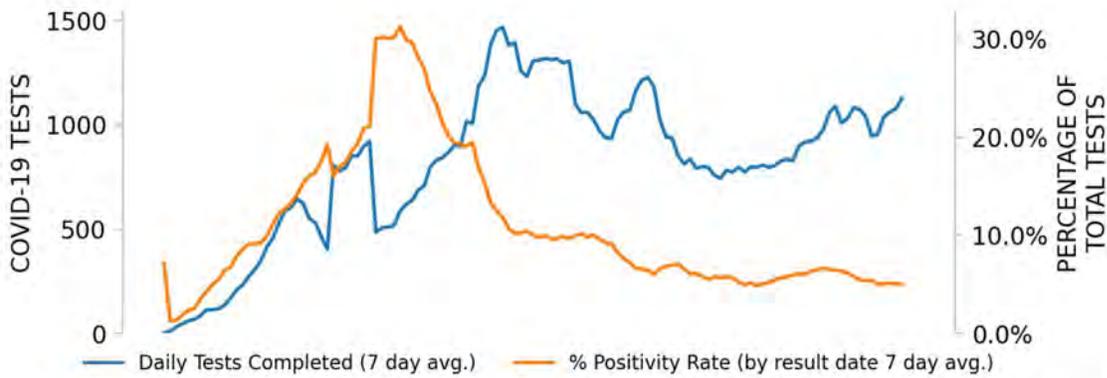
DELAWARE

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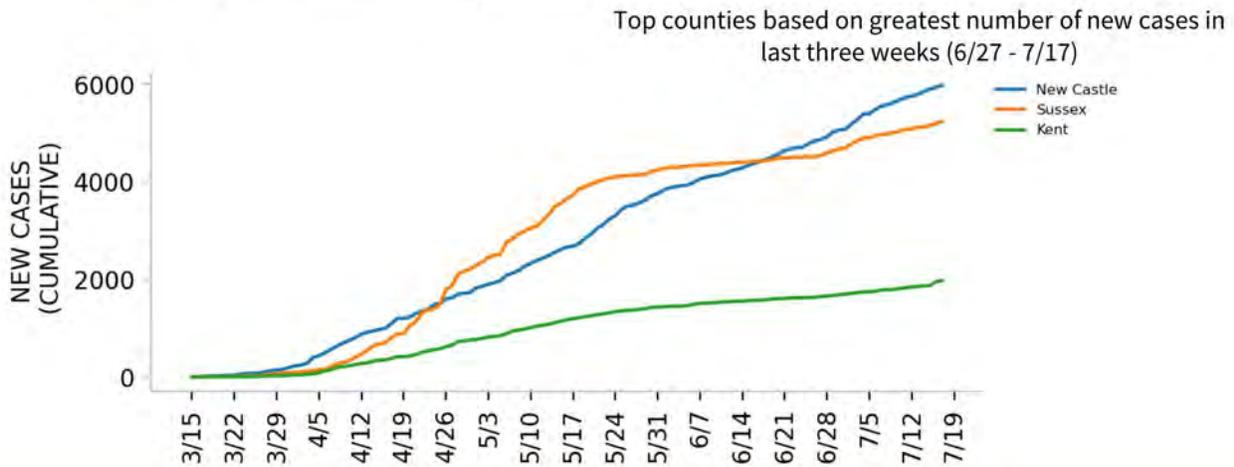
NEW CASES



TESTING



TOP COUNTIES



DATA SOURCES

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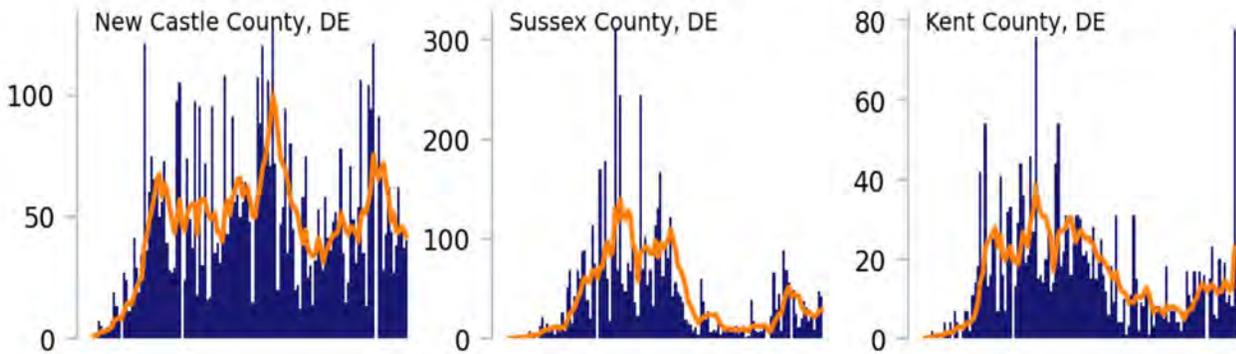
Testing: HHS Protect laboratory data (provided directly to Federal Government from public health labs, hospital labs, and commercial labs) through 7/15/2020.



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

TOTAL DAILY CASES

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



DATA SOURCES

Cases: County-level data from USAFacts through 7/17/2020. Last 3 weeks is 6/27 - 7/17.

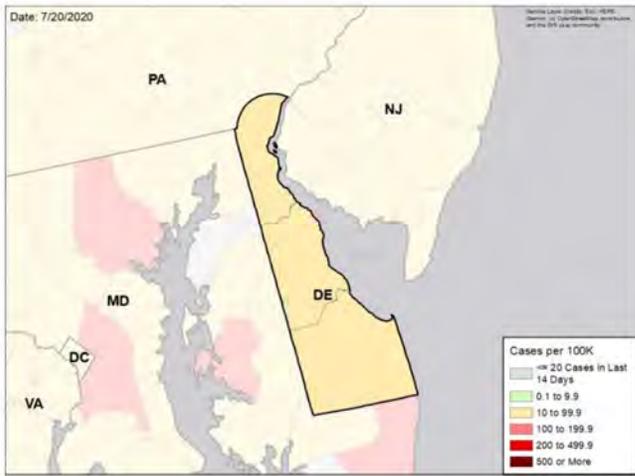


DELAWARE

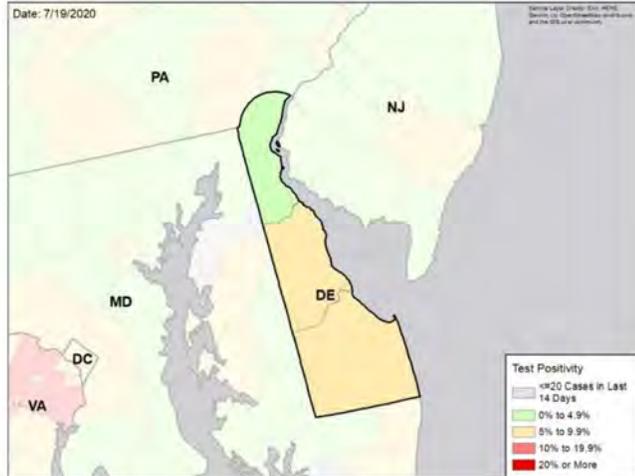
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CASE RATES AND DIAGNOSTIC TEST POSITIVITY DURING THE LAST WEEK

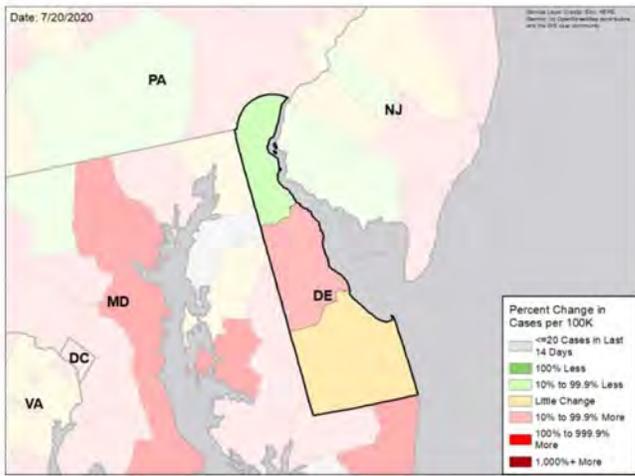
NEW CASES PER 100,000 DURING LAST WEEK



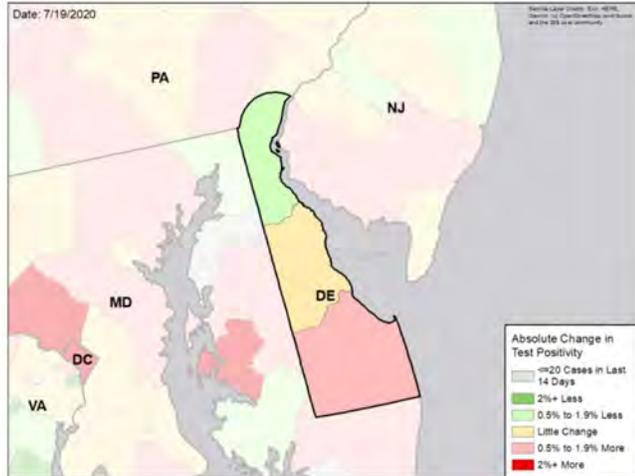
TEST POSITIVITY DURING LAST WEEK



WEEKLY % CHANGE IN NEW CASES PER 100K



WEEKLY CHANGE IN TEST POSITIVITY



DATA SOURCES

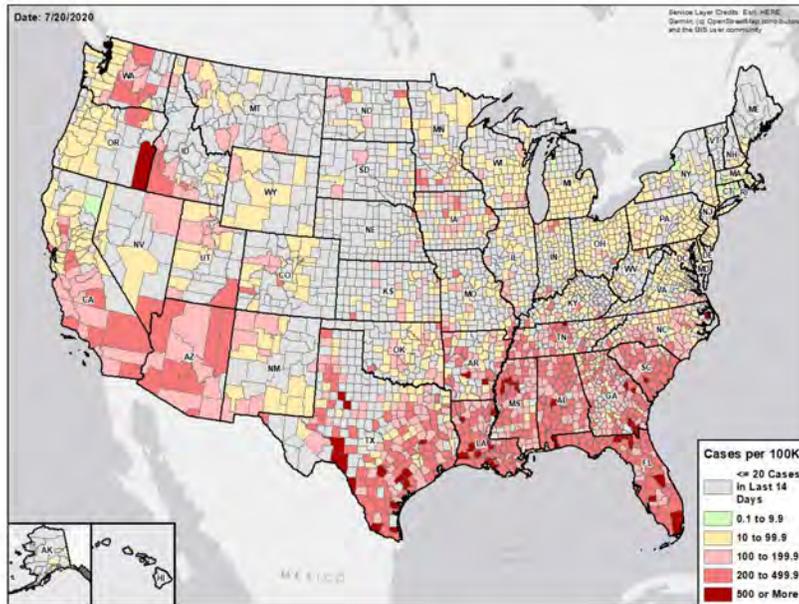
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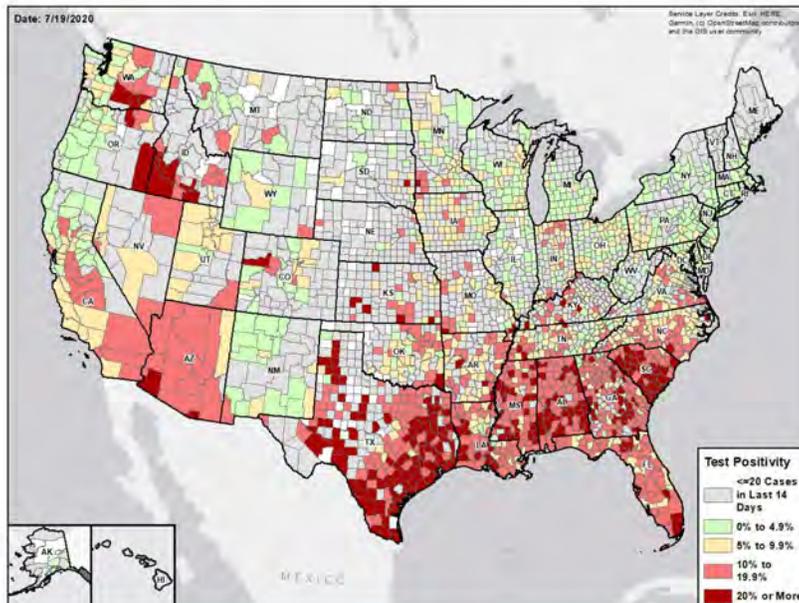


National Picture

NEW CASES PER 100,000 LAST WEEK



TEST POSITIVITY LAST WEEK



DATA SOURCES

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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 7/15/2020. Last week is 7/9 - 7/15. Testing data may be backfilled over time, resulting in changes week-to-week in testing data. It is critical that states provide as up-to-date testing data as possible.



Methods

STATE REPORT | 07.20.2020

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)

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	<0.5	0.5-2	>2
Percent change in deaths per 100,000 population	<-10%	-10% - 10%	>10%
Skilled Nursing Facilities with at least one COVID-19 case	0%	0.1%-5%	>5%
Change in SNFs with at least one COVID-19 case	<-0.5%	-0.5%-0.5%	>0.5%

DATA NOTES

- **Cases and deaths:** County-level data from USAFacts as of 13:00 EDT on 07/19/2020. 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 7/11 to 7/17; previous week data are from 7/4 to 7/10.
- **Testing:** CELR (COVID-19 Electronic Lab Reporting) state health department-reported data are used to describe state-level totals when able to be disaggregated from serology test results and to describe county-level 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. Total diagnostic tests are the number of tests performed, not the number of individuals tested. Diagnostic test positivity rate is the number of positive tests divided by the number of tests performed and resulted. Last week data are from 7/9 to 7/15; previous week data are from 7/2 to 7/8. HHS Protect data is recent as of 16:30 EDT on 07/19/2020. Testing data are inclusive of everything received and processed by the CELR system as of 14:00 EDT on 07/19/2020. Testing data may be backfilled over time, resulting in changes week-to-week in testing data. It is critical that states provide as up-to-date testing data as possible.
- **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; 100% represents the baseline mobility level. Data is recent as of 13:00 EDT on 07/18/2020 and through 7/17/2020.
- **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.
- **Skilled Nursing Facilities:** National Healthcare Safety Network (NHSN). 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 analysis. Also note that data presented by NHSN is more recent than the data publicly posted by CMS. Therefore, data presented may differ slightly from those publicly posted by CMS.



THE DISTRICT OF COLUMBIA

STATE REPORT | 07.19.2020

SUMMARY

- The District of Columbia is in the yellow zone for cases, indicating between 10 to 100 new cases per 100,000 population last week, and the yellow zone for test positivity, indicating a rate between 5% to 10%.
- The District of Columbia has seen an increase in new cases and an increase in testing positivity over the past week.
- The District of Columbia had 56 new cases per 100,000 population in the past week, compared to a national average of 140 per 100,000.
- During Jul 15 - Jul 17, on average, 10 patients with confirmed COVID-19 and 47 patients with suspected COVID-19 were reported as newly admitted each day to hospitals in the District of Columbia. An average of 57 percent of hospitals reported 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

- Active promotion of testing of young people and those engaged in public activities, gatherings, and protests to ensure new cases are found before active community spread occurs.
- Consider implementing additional restrictions on occupancy or operation within the current phase 2 opening status for certain businesses (bars, restaurants) if the rise in reported cases continues this week.
- Work with local community groups to provide targeted, tailored messaging to communities with high case rates and increase community level testing.
- Continue efforts to surge testing and contact tracing resources to neighborhoods and zip codes with highest case rates.
- Surveillance pooling: As assays receive FDA Emergency Use Authorizations for pooling, expand the use of this method to maximize testing capacity. For family and cohabitating households, screen entire households in a single test by pooling specimens of all members into single collection device.
- Protect those in nursing homes and long-term care facilities by assuring access to rapid facility-wide testing in response to a resident or staff member with COVID-19. Address staff and supply shortages. Ensure social distancing and universal facemask use.
- Specific, detailed guidance on community mitigation measures can be found on the [CDC website](#).

The purpose of this report is to develop a shared understanding of the current status of the pandemic at the national, regional, state and local levels. We recognize that data at the state level may differ from that available at the federal level. Our objective is to use consistent data sources and methods that allow for comparisons to be made across localities. We appreciate your continued support in identifying data discrepancies and improving data completeness and sharing across systems. We look forward to your feedback.

** This figure may differ from state data due to differences in hospital lists between federal and state systems or inclusion of hospitals that are not admitting COVID-19 patients. We are working to incorporate feedback on an ongoing basis to update these figures. These data exclude psychiatric, rehabilitation, and religious non-medical hospitals.*



COVID-19

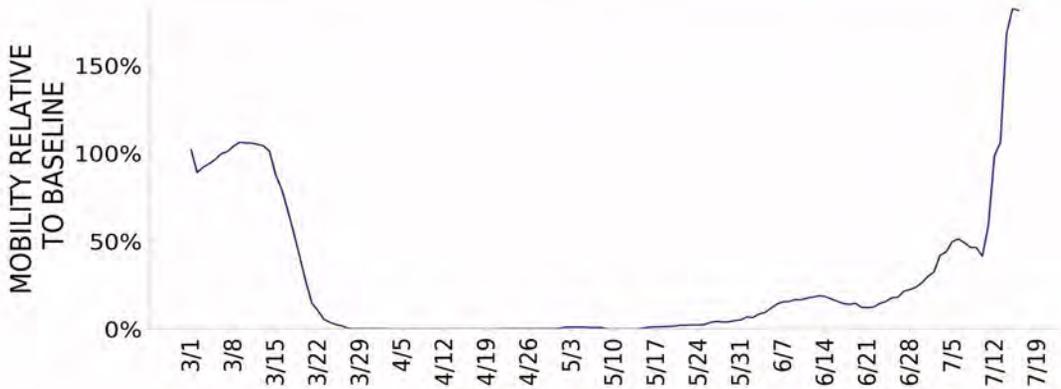


THE DISTRICT OF COLUMBIA

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	STATE, LAST WEEK	STATE, % CHANGE FROM PREVIOUS WEEK	FEMA/HHS REGION, LAST WEEK	UNITED STATES, LAST WEEK
NEW CASES (RATE PER 100,000)	393 (56)	+11.0%	19,501 (63)	460,366 (140)
DIAGNOSTIC TEST POSITIVITY RATE	9.4%	+2.6%*	6.8%	9.1%
TOTAL DIAGNOSTIC TESTS (TESTS PER 100,000)	35,956 (5,095)	+52.3%	459,561 (1,489)	4,940,998 (1,505)
COVID DEATHS (RATE PER 100,000)	9 (1)	-18.2%	234 (1)	5,122 (2)
SNFs WITH AT LEAST ONE COVID-19 CASE	0.0%	+0.0%	8.2%	10.0%

MOBILITY



* Indicates absolute change in percentage points

DATA SOURCES

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 7/17/2020; last week is 7/11 - 7/17, previous week is 7/4 - 7/10.

Testing: State-level values calculated by using 7-day rolling averages of reported tests. Regional- and national-level values calculated by using a 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 7/15/2020. Last week is 7/9 - 7/15, previous week is 7/2 - 7/8. Testing data are inclusive of everything received and processed by the CELR system as of 14:00 EDT on 07/19/2020. Some dates may be incomplete due to delays in reporting. Testing data may be backfilled over time, resulting in changes week-to-week in testing data. It is critical that states provide as up-to-date testing data as possible.

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; 100% represents the baseline mobility level. Data is anonymized and provided at the county level. Data through 7/16/2020.

SNFs: Skilled nursing facilities. National Healthcare Safety Network. Last week is 7/6-7/12, previous week is 6/29-7/5.



THE DISTRICT OF COLUMBIA

STATE REPORT | 07.19.2020

LOCALITIES IN RED ZONE

LOCALITIES IN YELLOW ZONE

METRO AREA (CBSA) LAST WEEK

0

N/A

1

Washington-Arlington-Alexandria

COUNTY LAST WEEK

0

N/A

1

District of Columbia, DC

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 a diagnostic test positivity result above 10%.

Yellow Zone: Those core-based statistical areas (CBSAs) and counties that during the last week reported both new cases between 10-100 per 100,000 population, and a diagnostic test positivity result between 5-10%, or one of those two conditions and one condition qualifying as being in the “Red Zone.”

Note: Top 12 locations are selected based on the highest number of new cases in the last three weeks.

DATA SOURCES

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 7/17/2020; last week is 7/11 - 7/17, three weeks is 6/27 - 7/17.

Testing: HHS Protect laboratory data (provided directly to Federal Government from public health labs, hospital labs, and commercial labs) through 7/15/2020. Last week is 7/9 - 7/15. Testing data may be backfilled over time, resulting in changes week-to-week in testing data. It is critical that states provide as up-to-date testing data as possible.

POLICY RECOMMENDATIONS FOR COUNTIES IN THE RED ZONE

Public Messaging

- Wear a mask at all times outside the home and maintain physical distance
- Limit social gatherings to 10 people or fewer
- Do not go to bars, nightclubs, or gyms
- Use take out or eat outdoors socially distanced
- Protect anyone with serious medical conditions at home by social distancing at home and using high levels of personal hygiene, including handwashing and cleaning surfaces
- Reduce your public interactions and activities to 25% of your normal activity

Public Officials

- Close bars and gyms, and create outdoor dining opportunities with pedestrian areas
- Limit social gatherings to 10 people or fewer
- Institute routine weekly testing of all workers in assisted living and long-term care facilities. Require masks for all staff and prohibit visitors
- Ensure that all business retailers and personal services require masks and can safely social distance
- Increase messaging on the risk of serious disease for individuals in all age groups with preexisting obesity, hypertension, and diabetes mellitus, and recommend to shelter in place
- Work with local community groups to provide targeted, tailored messaging to communities with high case rates, and increase community level testing
- Recruit more contact tracers as community outreach workers to ensure all cases are contacted and all positive households are individually tested within 24 hours
- Provide isolation facilities outside of households if COVID-positive individuals can't quarantine successfully

Testing

- Move to community-led neighborhood testing and work with local community groups to increase access to testing
- Surge testing and contact tracing resources to neighborhoods and zip codes with highest case rates
- **Diagnostic pooling:** Laboratories should use pooling of samples to increase testing access and reduce turnaround times to under 12 hours. Consider pools of 2-3 individuals in high incidence settings and 5:1 pools in setting where test positivity is under 10%
- **Surveillance pooling:** For family and cohabitating households, screen entire households in a single test by pooling specimens of all members into single collection device

POLICY RECOMMENDATIONS FOR COUNTIES IN THE YELLOW ZONE IN ORDER TO PREEMPT EXPONENTIAL COMMUNITY SPREAD

Public Messaging

- Wear a mask at all times outside the home and maintain physical distance
- Limit social gatherings to 25 people or fewer
- Do not go to bars or nightclubs
- Use take out, outdoor dining or indoor dining when strict social distancing can be maintained
- Protect anyone with serious medical conditions at home by social distancing at home and using high levels of personal hygiene
- Reduce your public interactions and activities to 50% of your normal activity

Public Officials

- Limit gyms to 25% occupancy and close bars until percent positive rates are under 3%; create outdoor dining opportunities with pedestrian areas
- Limit social gatherings to 25 people or fewer
- Institute routine weekly testing of all workers in assisted living and long-term care facilities. Require masks for all staff and prohibit visitors
- Ensure that all business retailers and personal services require masks and can safely social distance
- Increase messaging on the risk of serious disease for individuals in all age groups with preexisting obesity, hypertension, and diabetes mellitus, and recommend to shelter in place
- Work with local community groups to provide targeted, tailored messaging to communities with high case rates, and increase community level testing
- Recruit more contact tracers as community outreach workers to ensure all cases are contacted and all positive households are individually tested within 24 hours
- Provide isolation facilities outside of households if COVID-positive individuals can't quarantine successfully

Testing

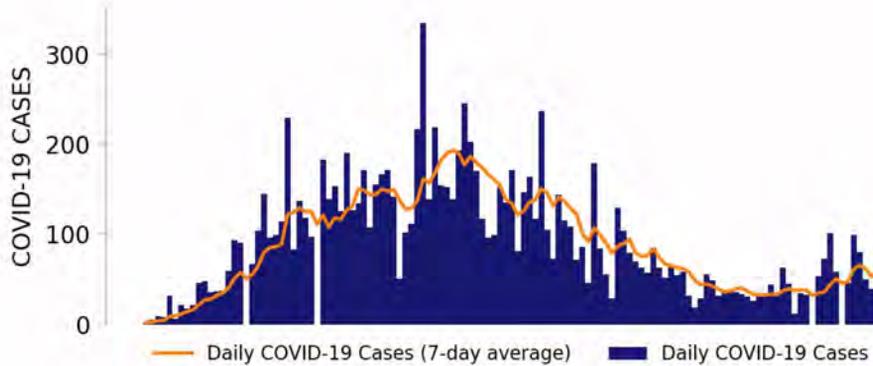
- Move to community-led neighborhood testing and work with local community groups to increase access to testing
- Surge testing and contact tracing resources to neighborhoods and zip codes with highest case rates
- **Diagnostic pooling:** Laboratories should use pooling of samples to increase testing access and reduce turnaround times to under 12 hours. Consider pools of 3-5 individuals
- **Surveillance pooling:** For family and cohabitating households, screen entire households in a single test by pooling specimens of all members into single collection device



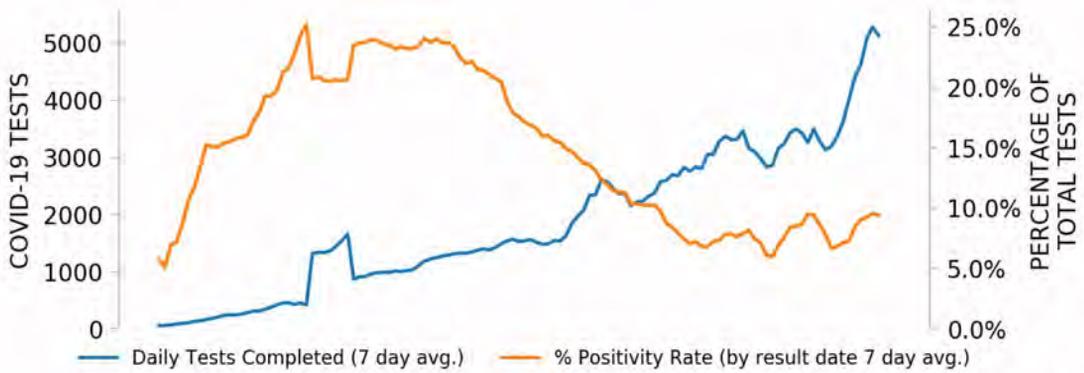
THE DISTRICT OF COLUMBIA

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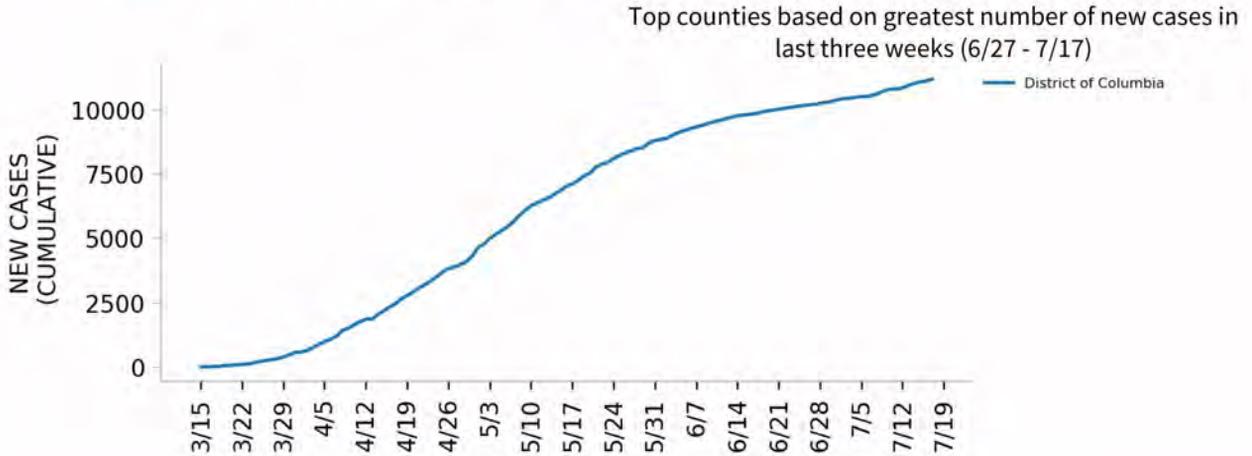
NEW CASES



TESTING



TOP COUNTIES



DATA SOURCES

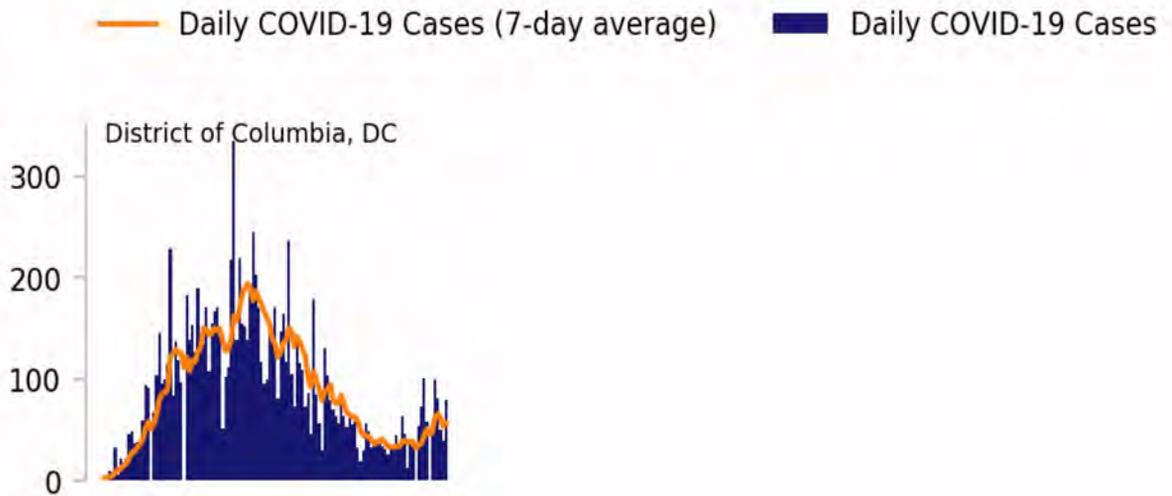
Cases: County-level data from USAFacts. State values are calculated by aggregating county-level data from USAFacts; therefore, the values may not match those reported directly by the state. Data is through 7/17/2020.

Testing: HHS Protect laboratory data (provided directly to Federal Government from public health labs, hospital labs, and commercial labs) through 7/15/2020.



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

TOTAL DAILY CASES



DATA SOURCES

Cases: County-level data from USAFacts through 7/17/2020. Last 3 weeks is 6/27 - 7/17.

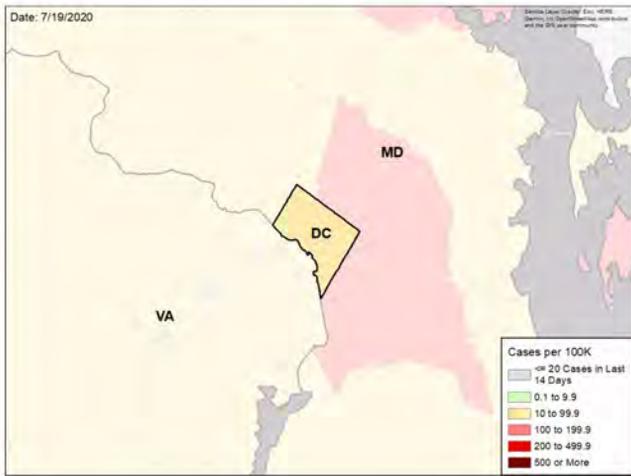


THE DISTRICT OF COLUMBIA

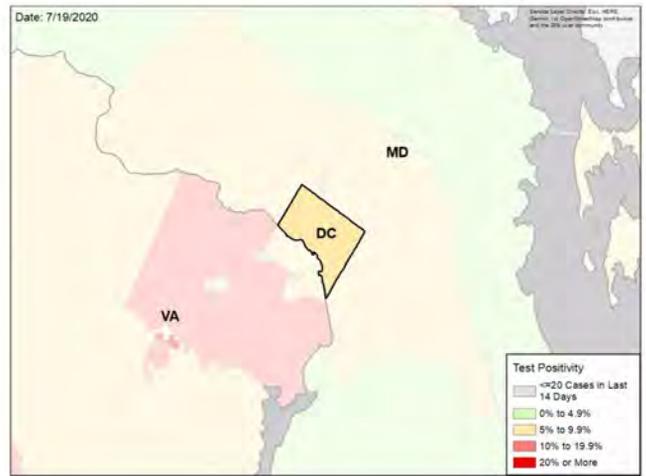
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CASE RATES AND DIAGNOSTIC TEST POSITIVITY DURING THE LAST WEEK

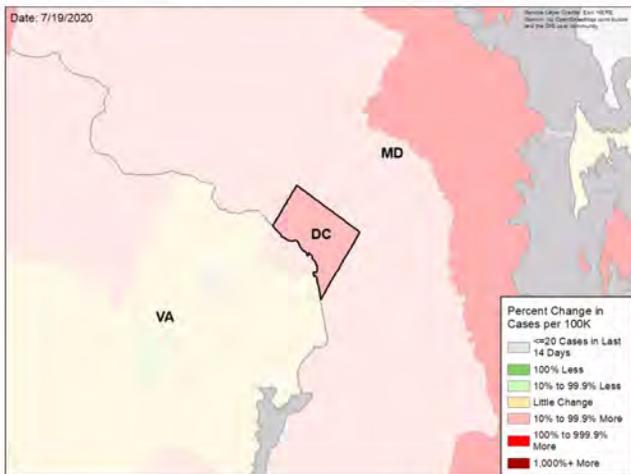
NEW CASES PER 100,000 DURING LAST WEEK



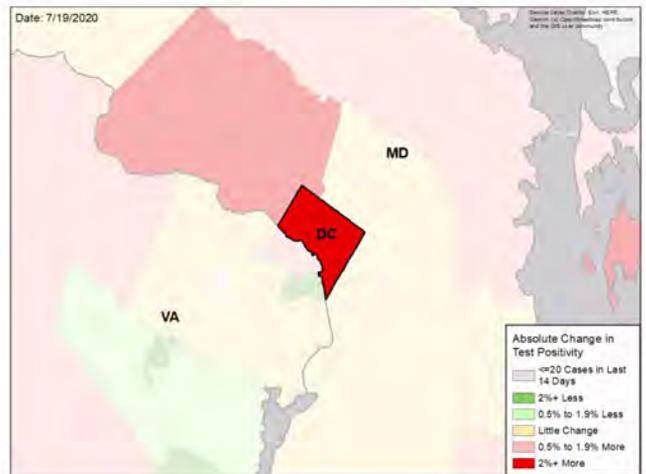
TEST POSITIVITY DURING LAST WEEK



WEEKLY % CHANGE IN NEW CASES PER 100K



WEEKLY CHANGE IN TEST POSITIVITY



DATA SOURCES

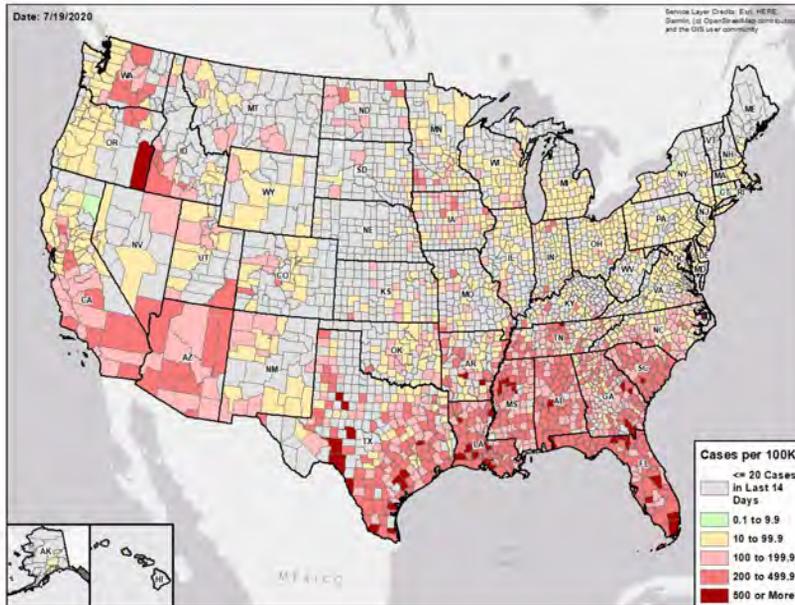
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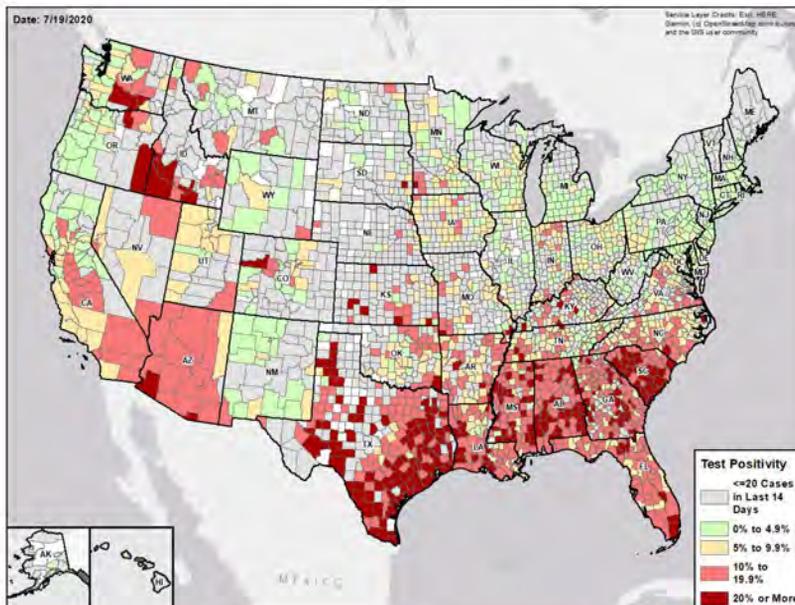


National Picture

NEW CASES PER 100,000 LAST WEEK



TEST POSITIVITY LAST WEEK



DATA SOURCES

Cases: County-level data from USAFacts through 7/17/2020. Last week is 7/11 - 7/17

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 7/15/2020. Last week is 7/9 - 7/15. Testing data may be backfilled over time, resulting in changes week-to-week in testing data. It is critical that states provide as up-to-date testing data as possible.



Methods

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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	<0.5	0.5-2	>2
Percent change in deaths per 100,000 population	<-10%	-10% - 10%	>10%
Skilled Nursing Facilities with at least one COVID-19 case	0%	0.1%-5%	>5%
Change in SNFs with at least one COVID-19 case	<-0.5%	-0.5%-0.5%	>0.5%

DATA NOTES

- Cases and deaths:** County-level data from USAFacts as of 13:00 EDT on 07/18/2020. 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 7/11 to 7/17; previous week data are from 7/4 to 7/10.
- Testing:** CELR (COVID-19 Electronic Lab Reporting) state health department-reported data are used to describe state-level totals when able to be disaggregated from serology test results and to describe county-level 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. Total diagnostic tests are the number of tests performed, not the number of individuals tested. Diagnostic test positivity rate is the number of positive tests divided by the number of tests performed and resulted. Last week data are from 7/9 to 7/15; previous week data are from 7/2 to 7/8. HHS Protect data is recent as of 16:30 EDT on 07/19/2020. Testing data are inclusive of everything received and processed by the CELR system as of 14:00 EDT on 07/19/2020. Testing data may be backfilled over time, resulting in changes week-to-week in testing data. It is critical that states provide as up-to-date testing data as possible.
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- 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.
- Skilled Nursing Facilities:** National Healthcare Safety Network (NHSN). 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 analysis. Also note that data presented by NHSN is more recent than the data publicly posted by CMS. Therefore, data presented may differ slightly from those publicly posted by CMS.



FLORIDA

STATE REPORT | 07.19.2020

SUMMARY

- Florida is in the red zone for cases, indicating more than 100 new cases per 100,000 population last week, and the red zone for test positivity, indicating a rate above 10%.
- Florida has seen an increase in new cases and stability in testing positivity over the past week. Miami continues to have escalating test positivity and rising new cases.
- The following three counties had the highest number of new cases over the past 3 weeks: 1. Miami-Dade County, 2. Broward County, and 3. Hillsborough County. These counties represent 42.0 percent of new cases in Florida.
- Florida has broad community spread across the state, with many counties having greater than 10% test positivity.
- Florida had 387 new cases per 100,000 population in the past week, compared to a national average of 140 per 100,000.
- The federal government has deployed the following staff as assets to support the state response: 4 to support operations activities from FEMA; 1 from CDC; 5 to support operations activities from USACE; 48 to support operations activities from USCG; 23 to support medical activities from VA; and 24 to support operations activities from VA.
- During Jul 15 - Jul 17, on average, 811 patients with confirmed COVID-19 and 695 patients with suspected COVID-19 were reported as newly admitted each day to hospitals in Florida. An average of 80 percent of hospitals reported 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

- Continue routine weekly testing of all workers in assisted living and long-term care facilities and require masks and social distancing for all visitors.
- Continue mandating masks in all counties with rising test percent positivity. Multiple counties and metros are now in this category.
- Close all bars in all counties with rising test percent positivity. Increase outdoor dining opportunities and decrease indoor dining to 25% of normal capacity.
- Ensure messaging to all citizens to limit social gatherings to 10 or fewer people.
- Continue the scale-up of testing, moving to community-led neighborhood testing and working with local community groups to increase household testing of multigenerational households with clear guidance on test positive isolation procedures and mask use.
- Ensure all individuals and households engaged in any large multi-household activities are immediately tested, either in pools or as individuals.
- Increase messaging regarding the risk of serious disease in all age groups with preexisting obesity, hypertension and diabetes mellitus.
- Expand testing capacity in public health labs, adding shifts and weekend shifts to reduce turnaround times. Institute 2:1 pooling of test specimens.
- Expand pooled collection into neighborhoods with household pools, allowing rapid household alerts and household isolation with follow-up individual diagnostic tests. This approach will allow rapid screening of entire neighborhoods and isolation of cases to dramatically decrease spread.
- Specific, detailed guidance on community mitigation measures can be found on the [CDC website](#).

The purpose of this report is to develop a shared understanding of the current status of the pandemic at the national, regional, state and local levels. We recognize that data at the state level may differ from that available at the federal level. Our objective is to use consistent data sources and methods that allow for comparisons to be made across localities. We appreciate your continued support in identifying data discrepancies and improving data completeness and sharing across systems. We look forward to your feedback.

** This figure may differ from state data due to differences in hospital lists between federal and state systems or inclusion of hospitals that are not admitting COVID-19 patients. We are working to incorporate feedback on an ongoing basis to update these figures. These data exclude psychiatric, rehabilitation, and religious non-medical hospitals.*



COVID-19

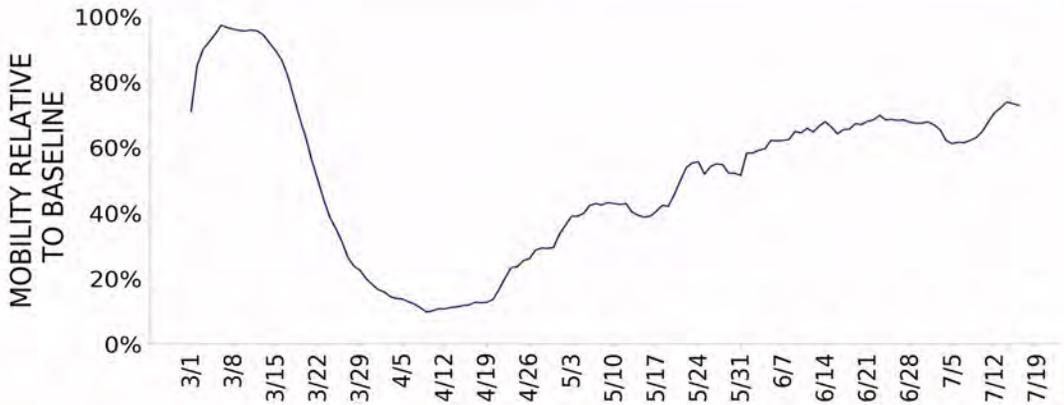


FLORIDA

STATE REPORT | 07.19.2020

	STATE, LAST WEEK	STATE, % CHANGE FROM PREVIOUS WEEK	FEMA/HHS REGION, LAST WEEK	UNITED STATES, LAST WEEK
NEW CASES (RATE PER 100,000)	83,090 (387)	+26.7%	169,342 (253)	460,366 (140)
DIAGNOSTIC TEST POSITIVITY RATE	17.0%	+0.1%*	15.5%	9.1%
TOTAL DIAGNOSTIC TESTS (TESTS PER 100,000)	499,787 (2,327)	-18.4%	990,405 (1,480)	4,940,998 (1,505)
COVID DEATHS (RATE PER 100,000)	703 (3)	+68.6%	1,549 (2)	5,122 (2)
SNFs WITH AT LEAST ONE COVID-19 CASE	20.5%	-0.6%	14.2%	10.0%

MOBILITY



* Indicates absolute change in percentage points

DATA SOURCES

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 7/17/2020; last week is 7/11 - 7/17, previous week is 7/4 - 7/10.

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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; 100% represents the baseline mobility level. Data is anonymized and provided at the county level. Data through 7/16/2020.

SNFs: Skilled nursing facilities. National Healthcare Safety Network. Last week is 7/6-7/12, previous week is 6/29-7/5.



FLORIDA

STATE REPORT | 07.19.2020

LOCALITIES IN RED ZONE

LOCALITIES IN YELLOW ZONE

METRO AREA (CBSA) LAST WEEK

<p>23 Top 12 shown (full list below)</p>	<p>Miami-Fort Lauderdale-Pompano Beach Tampa-St. Petersburg-Clearwater Orlando-Kissimmee-Sanford Jacksonville Cape Coral-Fort Myers North Port-Sarasota-Bradenton Lakeland-Winter Haven Pensacola-Ferry Pass-Brent Naples-Marco Island Deltona-Daytona Beach-Ormond Beach Port St. Lucie Tallahassee</p>
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<p>6</p>	<p>Palm Bay-Melbourne-Titusville Crestview-Fort Walton Beach-Destin Sebastian-Vero Beach Punta Gorda Homosassa Springs The Villages</p>
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COUNTY LAST WEEK

<p>49 Top 12 shown (full list below)</p>	<p>Miami-Dade Broward Hillsborough Orange Palm Beach Duval Pinellas Lee Polk Osceola Escambia Manatee</p>
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<p>18 Top 12 shown (full list below)</p>	<p>Brevard Sarasota Indian River Charlotte Walton Nassau Citrus Sumter Flagler Madison Baker Levy</p>
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All Red CBSAs: Miami-Fort Lauderdale-Pompano Beach, Tampa-St. Petersburg-Clearwater, Orlando-Kissimmee-Sanford, Jacksonville, Cape Coral-Fort Myers, North Port-Sarasota-Bradenton, Lakeland-Winter Haven, Pensacola-Ferry Pass-Brent, Naples-Marco Island, Deltona-Daytona Beach-Ormond Beach, Port St. Lucie, Tallahassee, Gainesville, Ocala, Panama City, Lake City, Palatka, Key West, Arcadia, Clewiston, Sebring-Avon Park, Wauchula, Okeechobee

All Red Counties: Miami-Dade, Broward, Hillsborough, Orange, Palm Beach, Duval, Pinellas, Lee, Polk, Osceola, Escambia, Manatee, Collier, Pasco, Volusia, Seminole, Lake, Leon, St. Lucie, Marion, St. Johns, Alachua, Bay, Clay, Martin, Santa Rosa, Okaloosa, Columbia, Hernando, Putnam, Monroe, DeSoto, Suwannee, Hendry, Jackson, Highlands, Gadsden, Hardee, Okeechobee, Wakulla, Hamilton, Washington, Taylor, Gulf, Gilchrist, Dixie, Union, Liberty, Lafayette

All Yellow Counties: Brevard, Sarasota, Indian River, Charlotte, Walton, Nassau, Citrus, Sumter, Flagler, Madison, Baker, Levy, Calhoun, Holmes, Bradford, Glades, Jefferson, Franklin

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 a diagnostic test positivity result above 10%.

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

Note: Top 12 locations are selected based on the highest number of new cases in the last three weeks.

DATA SOURCES

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 7/17/2020; last week is 7/11 - 7/17, three weeks is 6/27 - 7/17.

Testing: CELR (COVID-19 Electronic Lab Reporting) state health department-reported data through 7/15/2020. Last week is 7/9 - 7/15. Testing data may be backfilled over time, resulting in changes week-to-week in testing data. It is critical that states provide as up-to-date testing data as possible.

POLICY RECOMMENDATIONS FOR COUNTIES IN THE RED ZONE

Public Messaging

- Wear a mask at all times outside the home and maintain physical distance
- Limit social gatherings to 10 people or fewer
- Do not go to bars, nightclubs, or gyms
- Use take out or eat outdoors socially distanced
- Protect anyone with serious medical conditions at home by social distancing at home and using high levels of personal hygiene, including handwashing and cleaning surfaces
- Reduce your public interactions and activities to 25% of your normal activity

Public Officials

- Close bars and gyms, and create outdoor dining opportunities with pedestrian areas
- Limit social gatherings to 10 people or fewer
- Institute routine weekly testing of all workers in assisted living and long-term care facilities. Require masks for all staff and prohibit visitors
- Ensure that all business retailers and personal services require masks and can safely social distance
- Increase messaging on the risk of serious disease for individuals in all age groups with preexisting obesity, hypertension, and diabetes mellitus, and recommend to shelter in place
- Work with local community groups to provide targeted, tailored messaging to communities with high case rates, and increase community level testing
- Recruit more contact tracers as community outreach workers to ensure all cases are contacted and all positive households are individually tested within 24 hours
- Provide isolation facilities outside of households if COVID-positive individuals can't quarantine successfully

Testing

- Move to community-led neighborhood testing and work with local community groups to increase access to testing
- Surge testing and contact tracing resources to neighborhoods and zip codes with highest case rates
- **Diagnostic pooling:** Laboratories should use pooling of samples to increase testing access and reduce turnaround times to under 12 hours. Consider pools of 2-3 individuals in high incidence settings and 5:1 pools in setting where test positivity is under 10%
- **Surveillance pooling:** For family and cohabitating households, screen entire households in a single test by pooling specimens of all members into single collection device

POLICY RECOMMENDATIONS FOR COUNTIES IN THE YELLOW ZONE IN ORDER TO PREEMPT EXPONENTIAL COMMUNITY SPREAD

Public Messaging

- Wear a mask at all times outside the home and maintain physical distance
- Limit social gatherings to 25 people or fewer
- Do not go to bars or nightclubs
- Use take out, outdoor dining or indoor dining when strict social distancing can be maintained
- Protect anyone with serious medical conditions at home by social distancing at home and using high levels of personal hygiene
- Reduce your public interactions and activities to 50% of your normal activity

Public Officials

- Limit gyms to 25% occupancy and close bars until percent positive rates are under 3%; create outdoor dining opportunities with pedestrian areas
- Limit social gatherings to 25 people or fewer
- Institute routine weekly testing of all workers in assisted living and long-term care facilities. Require masks for all staff and prohibit visitors
- Ensure that all business retailers and personal services require masks and can safely social distance
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Testing

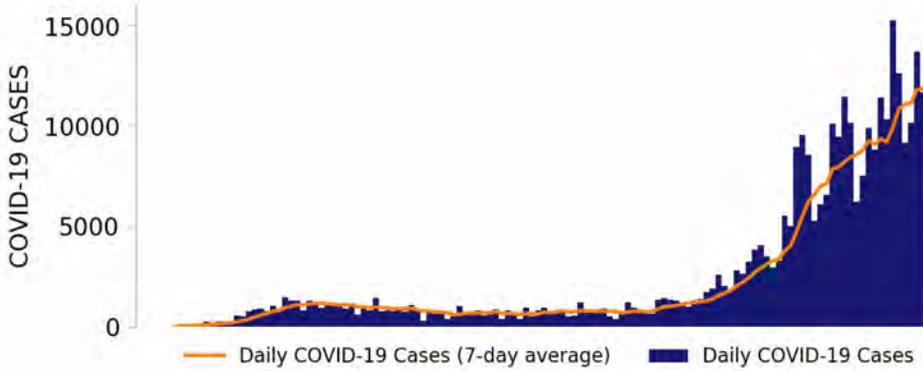
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- Surge testing and contact tracing resources to neighborhoods and zip codes with highest case rates
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- **Surveillance pooling:** For family and cohabitating households, screen entire households in a single test by pooling specimens of all members into single collection device



FLORIDA

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NEW CASES

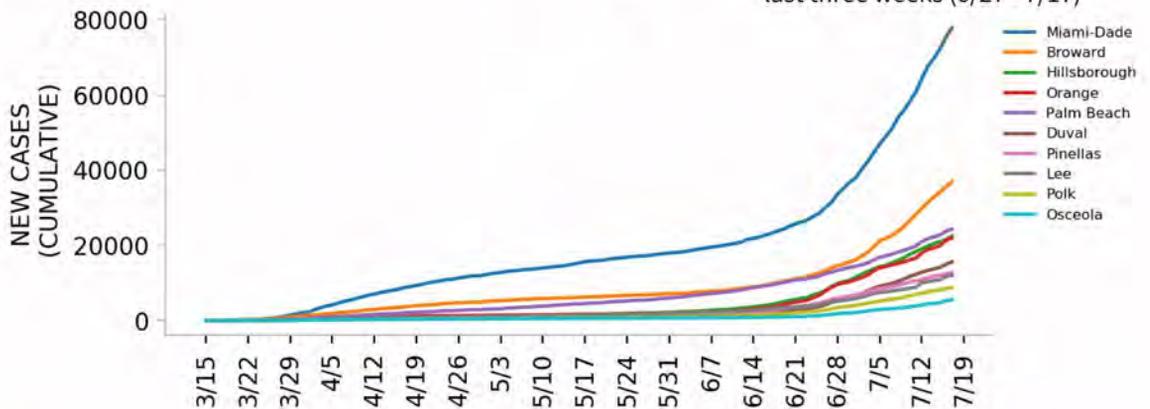


TESTING



Top counties based on greatest number of new cases in last three weeks (6/27 - 7/17)

TOP COUNTIES



DATA SOURCES

Cases: County-level data from USAFacts. 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 7/17/2020.

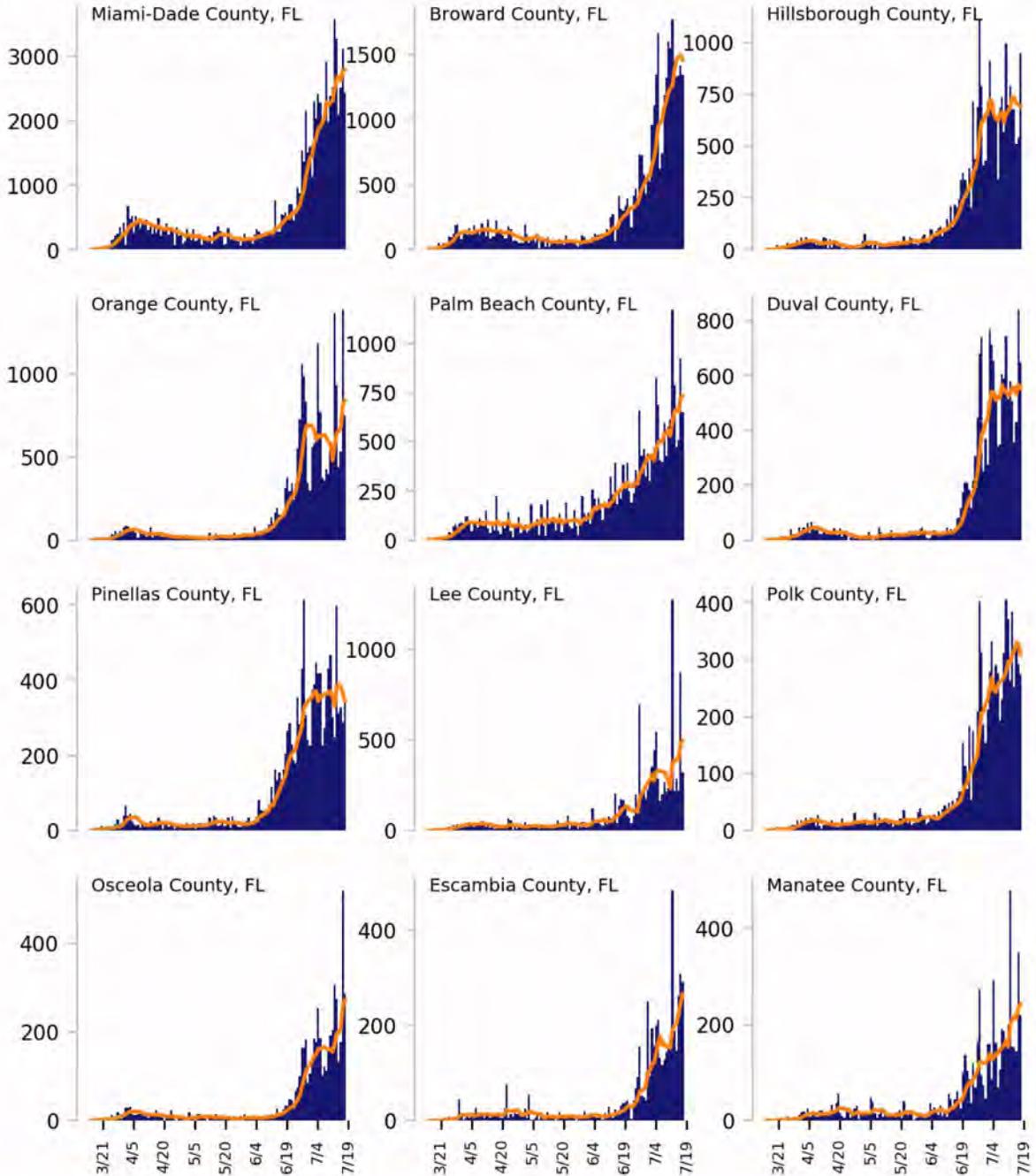
Testing: CELR (COVID-19 Electronic Lab Reporting) state health department-reported data through 7/15/2020.



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



DATA SOURCES

Cases: County-level data from USAFacts through 7/17/2020. Last 3 weeks is 6/27 - 7/17.

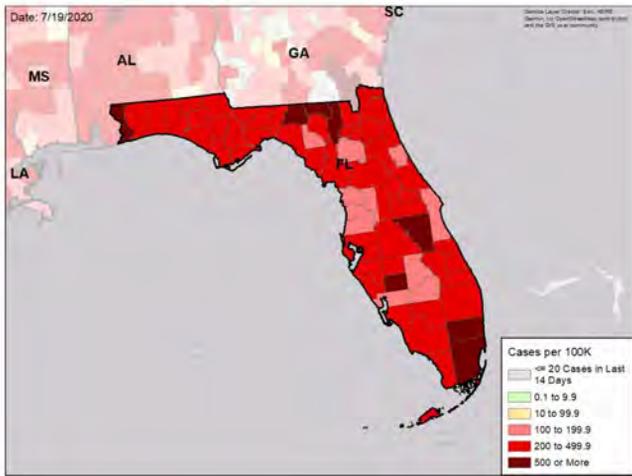


FLORIDA

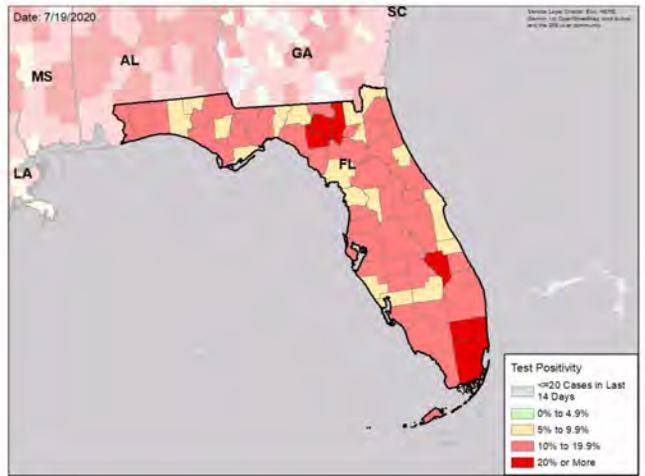
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CASE RATES AND DIAGNOSTIC TEST POSITIVITY DURING THE LAST WEEK

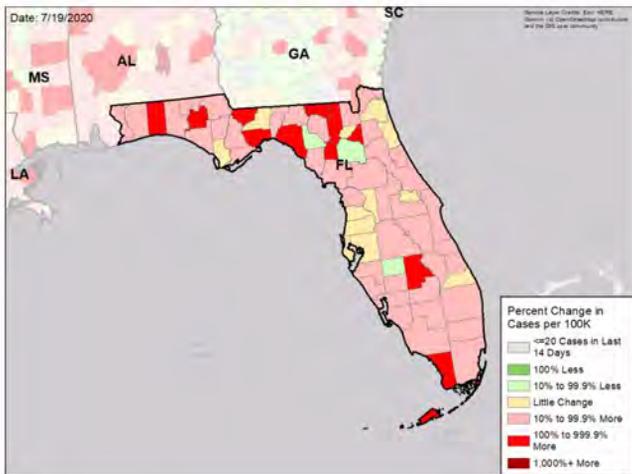
NEW CASES PER 100,000 DURING LAST WEEK



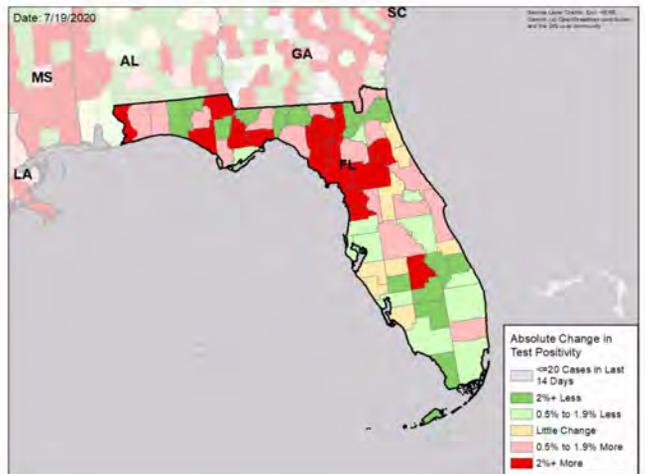
TEST POSITIVITY DURING LAST WEEK



WEEKLY % CHANGE IN NEW CASES PER 100K



WEEKLY CHANGE IN TEST POSITIVITY



DATA SOURCES

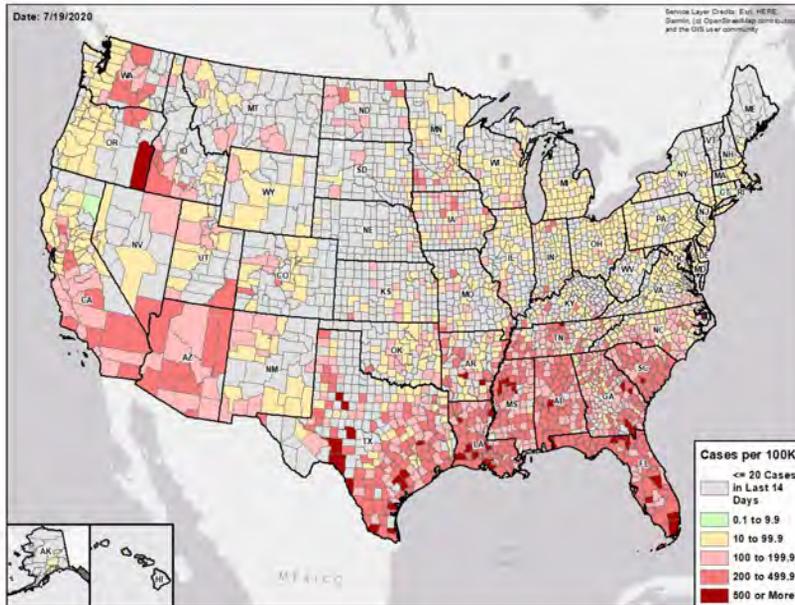
Cases: County-level data from USAFacts through 7/17/2020. Last week is 7/11 - 7/17, previous week is 7/4 - 7/10

Testing: CELR (COVID-19 Electronic Lab Reporting) state health department-reported data through 7/15/2020. Last week is 7/9 - 7/15, previous week is 7/2 - 7/8. Testing data may be backfilled over time, resulting in changes week-to-week in testing data. It is critical that states provide as up-to-date testing data as possible.

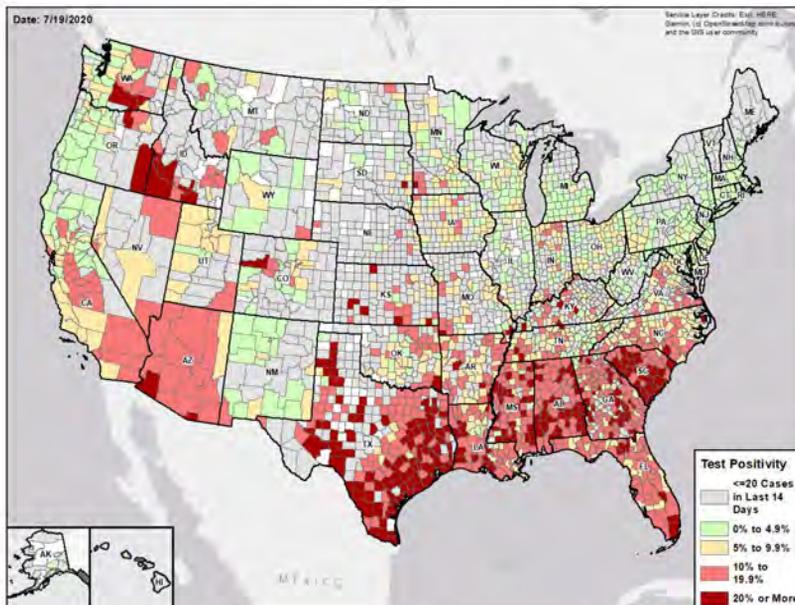


National Picture

NEW CASES PER 100,000 LAST WEEK



TEST POSITIVITY LAST WEEK



DATA SOURCES

Cases: County-level data from USAFacts through 7/17/2020. Last week is 7/11 - 7/17

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 7/15/2020. Last week is 7/9 - 7/15. Testing data may be backfilled over time, resulting in changes week-to-week in testing data. It is critical that states provide as up-to-date testing data as possible.



Methods

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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	<0.5	0.5-2	>2
Percent change in deaths per 100,000 population	<-10%	-10% - 10%	>10%
Skilled Nursing Facilities with at least one COVID-19 case	0%	0.1%-5%	>5%
Change in SNFs with at least one COVID-19 case	<-0.5%	-0.5%-0.5%	>0.5%

DATA NOTES

- Cases and deaths:** County-level data from USAFacts as of 13:00 EDT on 07/18/2020. 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 7/11 to 7/17; previous week data are from 7/4 to 7/10.
- Testing:** CELR (COVID-19 Electronic Lab Reporting) state health department-reported data are used to describe state-level totals when able to be disaggregated from serology test results and to describe county-level 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. Total diagnostic tests are the number of tests performed, not the number of individuals tested. Diagnostic test positivity rate is the number of positive tests divided by the number of tests performed and resulted. Last week data are from 7/9 to 7/15; previous week data are from 7/2 to 7/8. HHS Protect data is recent as of 16:30 EDT on 07/19/2020. Testing data are inclusive of everything received and processed by the CELR system as of 14:00 EDT on 07/19/2020. Testing data may be backfilled over time, resulting in changes week-to-week in testing data. It is critical that states provide as up-to-date testing data as possible.
- 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; 100% represents the baseline mobility level. Data is recent as of 13:00 EDT on 07/18/2020 and through 7/16/2020.
- 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.
- Skilled Nursing Facilities:** National Healthcare Safety Network (NHSN). 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 analysis. Also note that data presented by NHSN is more recent than the data publicly posted by CMS. Therefore, data presented may differ slightly from those publicly posted by CMS.



GEORGIA

STATE REPORT | 07.19.2020

SUMMARY

- Georgia is in the red zone for cases, indicating more than 100 new cases per 100,000 population last week, and the red zone for test positivity, indicating a rate above 10%.
- Georgia has seen some stability in new cases but an increase in testing positivity over the past week.
- The following three counties had the highest number of new cases over the past 3 weeks: 1. Fulton County, 2. Gwinnett County, and 3. DeKalb County. These counties represent 25.0 percent of new cases in Georgia.
- Georgia has broad community spread across the state, with multiple counties having greater than 10% test positivity.
- Georgia had 216 new cases per 100,000 population in the past week, compared to a national average of 140 per 100,000.
- The federal government has deployed the following staff as assets to support the state response: 108 to support operations activities from FEMA; 10 to support operations activities from ASPR; 1 to support operations activities from USCG; 7 to support medical activities from VA; and 1 to support operations activities from VA.
- During Jul 15 - Jul 17, on average, 282 patients with confirmed COVID-19 and 326 patients with suspected COVID-19 were reported as newly admitted each day to hospitals in Georgia. An average of 66 percent of hospitals reported 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

- Continue weekly testing of all workers in assisted living and long-term care facilities and require masks and social distancing for all visitors.
- Mandate use of masks in all current and evolving hot spots.
- Close establishments where social distancing and mask use cannot occur such as bars.
- Move to outdoor dining and limit indoor dining to less than 25% of normal capacity.
- Ask citizens to limit social gatherings to 10 or fewer people.
- Encourage individuals that have participated in large social gatherings to get tested.
- Increase messaging regarding the risk of serious disease in all age groups with preexisting obesity, hypertension and diabetes mellitus.
- Continue the scale-up of testing, moving to community-led neighborhood testing.
- Work with local communities to implement and provide clear guidance for households that test positive, including on individual isolation procedures.
- Continue to enhance contact tracing and ensuring the ability of cases and contacts to quarantine or isolate safely.
- Monitor testing data to identify additional sites of increased transmission and focus public health resources on these sites.
- Ensure Public Health lab is fully staffed and running 24/7 utilizing all platforms.
- Specific, detailed guidance on community mitigation measures can be found on the [CDC website](#).

The purpose of this report is to develop a shared understanding of the current status of the pandemic at the national, regional, state and local levels. We recognize that data at the state level may differ from that available at the federal level. Our objective is to use consistent data sources and methods that allow for comparisons to be made across localities. We appreciate your continued support in identifying data discrepancies and improving data completeness and sharing across systems. We look forward to your feedback.

** This figure may differ from state data due to differences in hospital lists between federal and state systems or inclusion of hospitals that are not admitting COVID-19 patients. We are working to incorporate feedback on an ongoing basis to update these figures. These data exclude psychiatric, rehabilitation, and religious non-medical hospitals.*



COVID-19

SelectSub_000689



GEORGIA

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	STATE, LAST WEEK	STATE, % CHANGE FROM PREVIOUS WEEK	FEMA/HHS REGION, LAST WEEK	UNITED STATES, LAST WEEK
NEW CASES (RATE PER 100,000)	22,963 (216)	+8.5%	169,342 (253)	460,366 (140)
DIAGNOSTIC TEST POSITIVITY RATE	15.6%	+0.9%*	15.5%	9.1%
TOTAL DIAGNOSTIC TESTS (TESTS PER 100,000)	79,843 (752)	+9.8%	990,405 (1,480)	4,940,998 (1,505)
COVID DEATHS (RATE PER 100,000)	141 (1)	+4.4%	1,549 (2)	5,122 (2)
SNFs WITH AT LEAST ONE COVID-19 CASE	13.4%	-0.9%	14.2%	10.0%

MOBILITY



* Indicates absolute change in percentage points

DATA SOURCES

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 7/17/2020; last week is 7/11 - 7/17, previous week is 7/4 - 7/10.

Testing: State-level values calculated by using 7-day rolling averages of reported tests. Regional- and national-level values calculated by using a 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 7/15/2020. Last week is 7/9 - 7/15, previous week is 7/2 - 7/8. Testing data are inclusive of everything received and processed by the CELR system as of 14:00 EDT on 07/19/2020. Some dates may be incomplete due to delays in reporting. Testing data may be backfilled over time, resulting in changes week-to-week in testing data. It is critical that states provide as up-to-date testing data as possible.

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; 100% represents the baseline mobility level. Data is anonymized and provided at the county level. Data through 7/16/2020.

SNFs: Skilled nursing facilities. National Healthcare Safety Network. Last week is 7/6-7/12, previous week is 6/29-7/5.



GEORGIA

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LOCALITIES IN RED ZONE

LOCALITIES IN YELLOW ZONE

METRO AREA (CBSA) LAST WEEK

33

Top 12 shown (full list below)

Atlanta-Sandy Springs-Alpharetta
Savannah
Augusta-Richmond County
Columbus
Macon-Bibb County
Brunswick
Dalton
Valdosta
Gainesville
Athens-Clarke County
Warner Robins
Douglas

4

Chattanooga
Fitzgerald
Cordele
Thomaston

COUNTY LAST WEEK

113

Top 12 shown (full list below)

Fulton
Gwinnett
DeKalb
Cobb
Chatham
Muscogee
Clayton
Bibb
Richmond
Glynn
Hall
Whitfield

30

Top 12 shown (full list below)

Forsyth
Paulding
Coweta
Fayette
Walton
Oconee
Putnam
Ben Hill
Butts
Jones
Worth
Dawson

All Red CBSAs: Atlanta-Sandy Springs-Alpharetta, Savannah, Augusta-Richmond County, Columbus, Macon-Bibb County, Brunswick, Dalton, Valdosta, Gainesville, Athens-Clarke County, Warner Robins, Douglas, LaGrange, Waycross, Albany, Statesboro, Moultrie, Tifton, Dublin, Rome, Calhoun, Milledgeville, Hinesville, Thomasville, Jefferson, St. Marys, Cedartown, Jesup, Vidalia, Cornelia, Americus, Bainbridge, Eufaula

All Red Counties: Fulton, Gwinnett, DeKalb, Cobb, Chatham, Muscogee, Clayton, Bibb, Richmond, Glynn, Hall, Whitfield, Lowndes, Henry, Cherokee, Douglas, Columbia, Clarke, Houston, Carroll, Troup, Newton, Coffee, Bulloch, Bartow, Colquitt, Tift, Ware, Rockdale, Dougherty, Floyd, Gordon, Laurens, Thomas, Barrow, Effingham, Spalding, Baldwin, Jackson, Camden, Liberty, Bryan, Polk, Wayne, Harris, Habersham, Jefferson, Murray, Appling, Cook, Toombs, Gilmer, Pierce, Emanuel, Monroe, Charlton, Elbert, Washington, Madison, Tattnall, Stewart, Telfair, Jeff Davis, Brooks, Burke, Sumter, Atkinson, Franklin, Meriwether, Bacon, Decatur, Candler, McDuffie, Jenkins, Peach, Wilkes, Berrien, Hart, Brantley, Dodge, Fannin, Mitchell, Rabun, Early, White, McIntosh, Evans, Greene, Morgan, Wilkinson, Lincoln, Lanier, Banks, Pike, Bleckley, Heard, Oglethorpe, Montgomery, Terrell, Turner, Talbot, Treutlen, Marion, Twiggs, Wheeler, Echols, Randolph, Clinch, Warren, Wilcox, Seminole, Glascock, Clay

All Yellow Counties: Forsyth, Paulding, Coweta, Fayette, Walton, Oconee, Putnam, Ben Hill, Butts, Jones, Worth, Dawson, Johnson, Upson, Lumpkin, Irwin, Crisp, Lee, Pickens, Lamar, Long, Screven, Macon, Jasper, Hancock, Crawford, Dooly, Pulaski, Calhoun, Baker

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 a diagnostic test positivity result above 10%.

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

Note: Top 12 locations are selected based on the highest number of new cases in the last three weeks.

DATA SOURCES

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Public Messaging

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Public Officials

- Close bars and gyms, and create outdoor dining opportunities with pedestrian areas
- Limit social gatherings to 10 people or fewer
- Institute routine weekly testing of all workers in assisted living and long-term care facilities. Require masks for all staff and prohibit visitors
- Ensure that all business retailers and personal services require masks and can safely social distance
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- Work with local community groups to provide targeted, tailored messaging to communities with high case rates, and increase community level testing
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Testing

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POLICY RECOMMENDATIONS FOR COUNTIES IN THE YELLOW ZONE IN ORDER TO PREEMPT EXPONENTIAL COMMUNITY SPREAD

Public Messaging

- Wear a mask at all times outside the home and maintain physical distance
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Testing

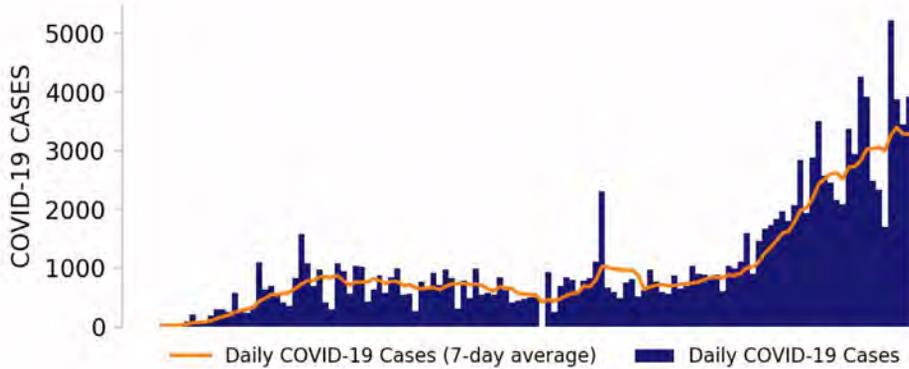
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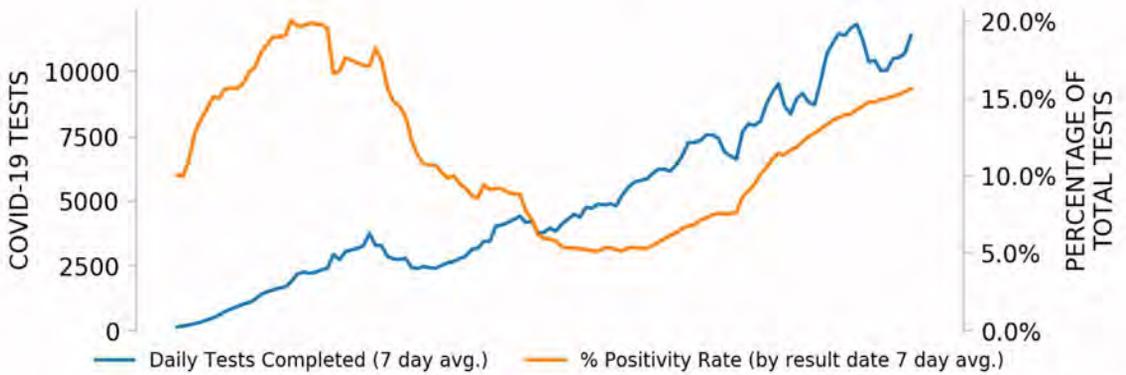
GEORGIA

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NEW CASES

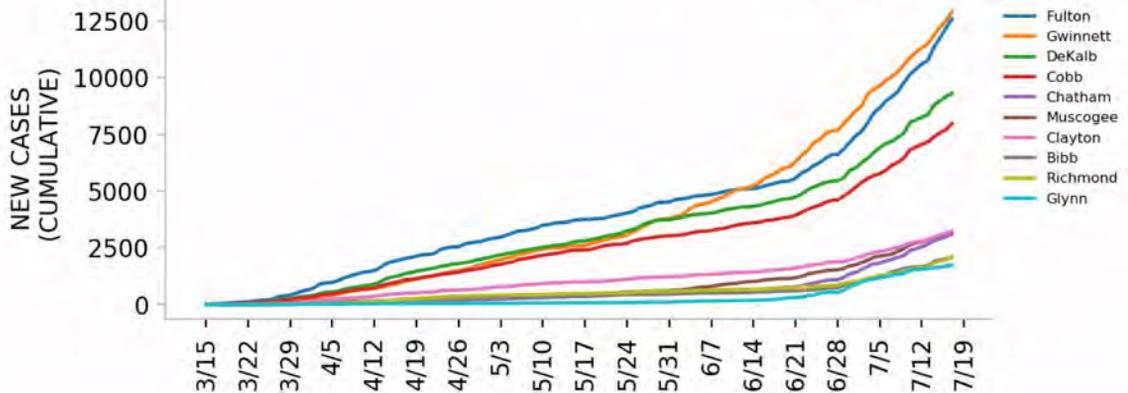


TESTING



Top counties based on greatest number of new cases in last three weeks (6/27 - 7/17)

TOP COUNTIES



DATA SOURCES

Cases: County-level data from USAFacts. 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 7/17/2020.

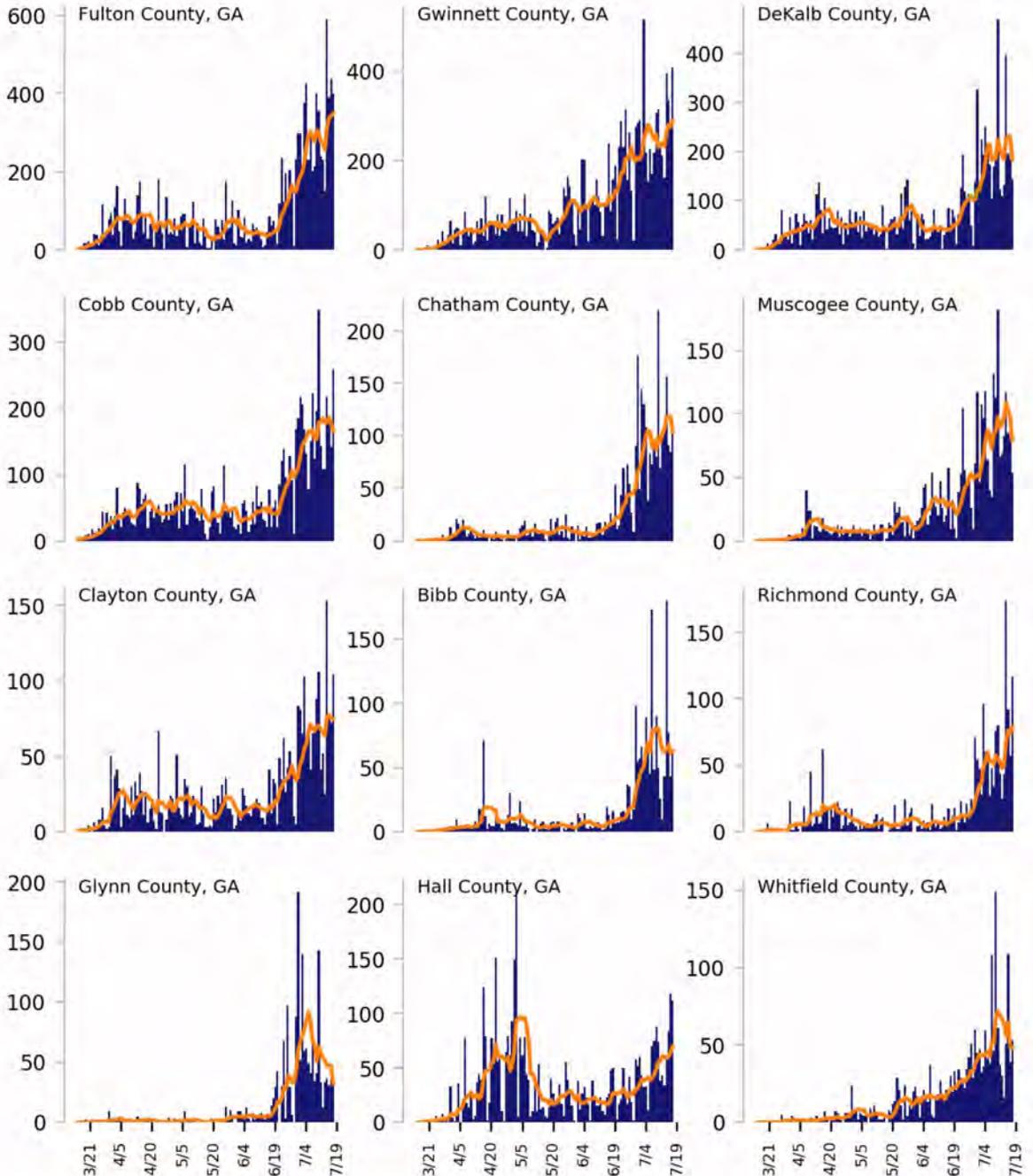
Testing: HHS Protect laboratory data (provided directly to Federal Government from public health labs, hospital labs, and commercial labs) through 7/15/2020.



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



DATA SOURCES

Cases: County-level data from USAFacts through 7/17/2020. Last 3 weeks is 6/27 - 7/17.

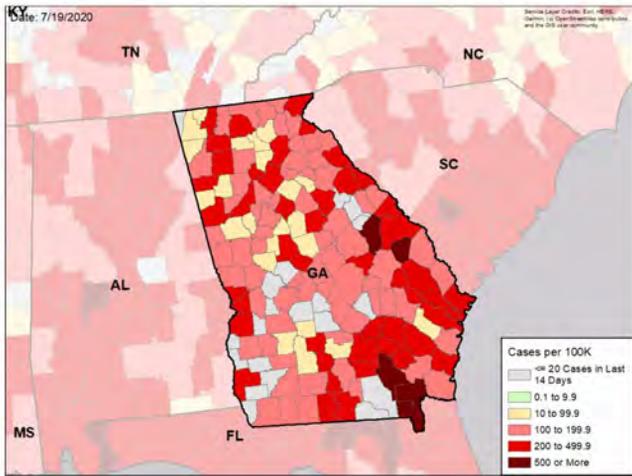


GEORGIA

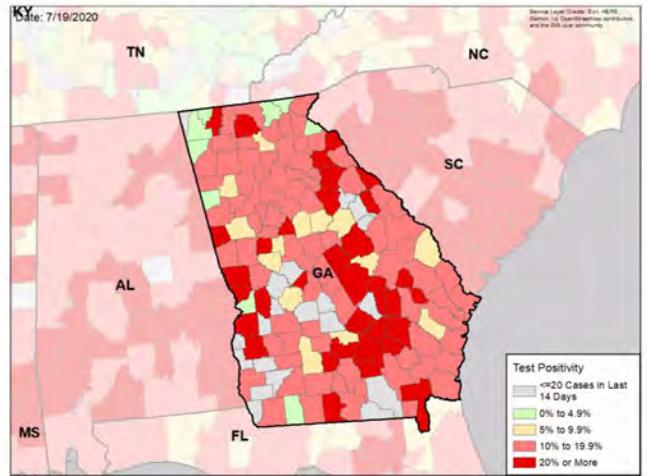
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CASE RATES AND DIAGNOSTIC TEST POSITIVITY DURING THE LAST WEEK

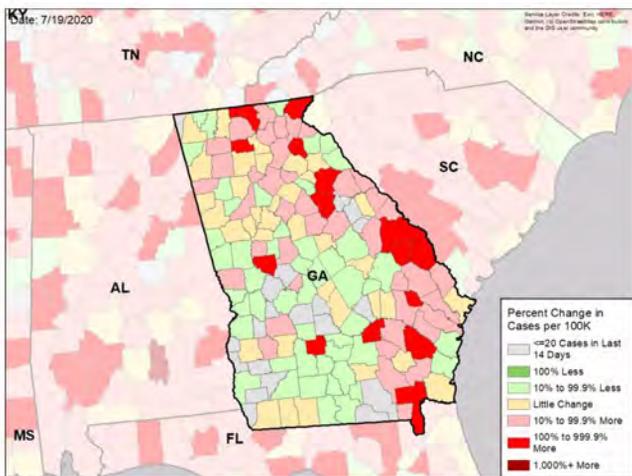
NEW CASES PER 100,000 DURING LAST WEEK



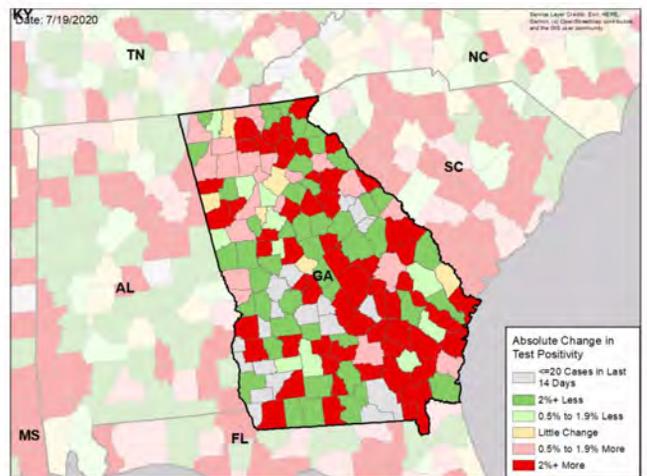
TEST POSITIVITY DURING LAST WEEK



WEEKLY % CHANGE IN NEW CASES PER 100K



WEEKLY CHANGE IN TEST POSITIVITY



DATA SOURCES

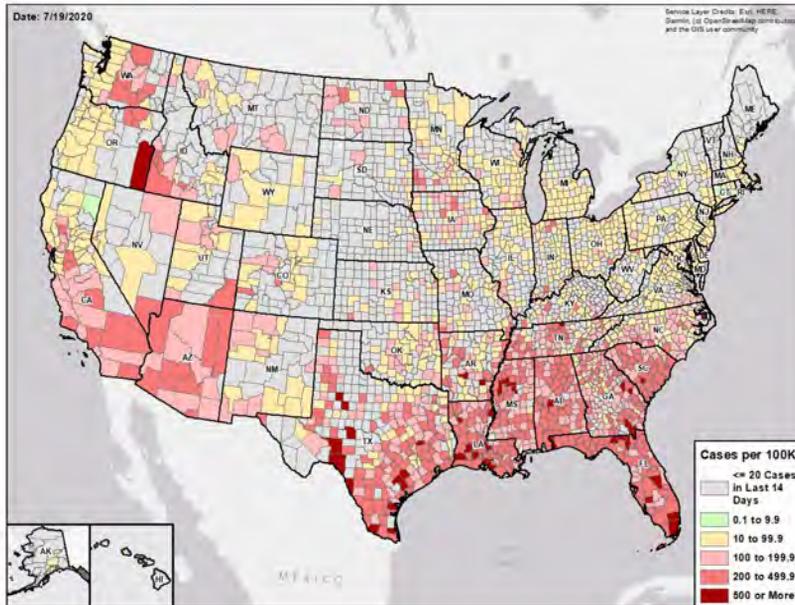
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Testing: HHS Protect laboratory data (provided directly to Federal Government from public health labs, hospital labs, and commercial labs) through 7/15/2020. Last week is 7/9 - 7/15, previous week is 7/2 - 7/8. Testing data may be backfilled over time, resulting in changes week-to-week in testing data. It is critical that states provide as up-to-date testing data as possible.

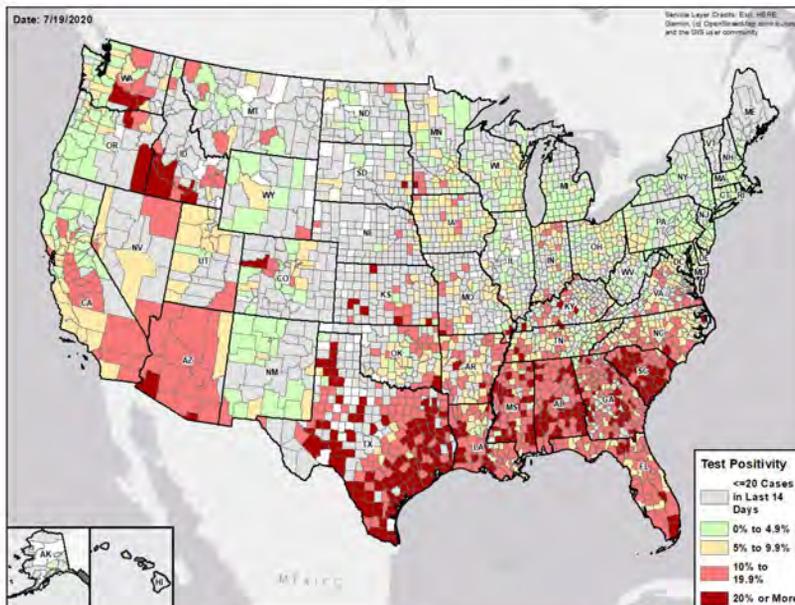


National Picture

NEW CASES PER 100,000 LAST WEEK



TEST POSITIVITY LAST WEEK



DATA SOURCES

Cases: County-level data from USAFacts through 7/17/2020. Last week is 7/11 - 7/17

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 7/15/2020. Last week is 7/9 - 7/15. Testing data may be backfilled over time, resulting in changes week-to-week in testing data. It is critical that states provide as up-to-date testing data as possible.



Methods

STATE REPORT | 07.19.2020

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)

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	<0.5	0.5-2	>2
Percent change in deaths per 100,000 population	<-10%	-10% - 10%	>10%
Skilled Nursing Facilities with at least one COVID-19 case	0%	0.1%-5%	>5%
Change in SNFs with at least one COVID-19 case	<-0.5%	-0.5%-0.5%	>0.5%

DATA NOTES

- Cases and deaths:** County-level data from USAFacts as of 13:00 EDT on 07/18/2020. 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 7/11 to 7/17; previous week data are from 7/4 to 7/10.
- Testing:** CELR (COVID-19 Electronic Lab Reporting) state health department-reported data are used to describe state-level totals when able to be disaggregated from serology test results and to describe county-level 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. Total diagnostic tests are the number of tests performed, not the number of individuals tested. Diagnostic test positivity rate is the number of positive tests divided by the number of tests performed and resulted. Last week data are from 7/9 to 7/15; previous week data are from 7/2 to 7/8. HHS Protect data is recent as of 16:30 EDT on 07/19/2020. Testing data are inclusive of everything received and processed by the CELR system as of 14:00 EDT on 07/19/2020. Testing data may be backfilled over time, resulting in changes week-to-week in testing data. It is critical that states provide as up-to-date testing data as possible.
- 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; 100% represents the baseline mobility level. Data is recent as of 13:00 EDT on 07/18/2020 and through 7/16/2020.
- 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.
- Skilled Nursing Facilities:** National Healthcare Safety Network (NHSN). 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 analysis. Also note that data presented by NHSN is more recent than the data publicly posted by CMS. Therefore, data presented may differ slightly from those publicly posted by CMS.



HAWAII

STATE REPORT | 07.19.2020

SUMMARY

- Hawaii is in the yellow zone for cases, indicating between 10 to 100 new cases per 100,000 population last week, and the green zone for test positivity, indicating a rate below 5%.
- Hawaii has seen stability in new cases and a decrease in testing positivity over the past week.
- The following three counties had the highest number of new cases over the past 3 weeks: 1. Honolulu County, 2. Hawaii County, and 3. Maui County. These counties represent 96.8 percent of new cases in Hawaii.
- Hawaii had 12 new cases per 100,000 population in the past week, compared to a national average of 140 per 100,000.
- The federal government has deployed the following staff as assets to support the state response: 17 to support operations activities from FEMA and 13 to support operations activities from USCG.
- During Jul 15 - Jul 17, on average, 1 patient with confirmed COVID-19 and 17 patients with suspected COVID-19 were reported as newly admitted each day to hospitals in Hawaii. An average of 44 percent of hospitals reported 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

- Careful monitoring in Honolulu is critical, particularly activities in bars and restaurants. Encourage strong safety measures at restaurants and gyms, including required mask use and social distancing.
- Continue scale-up of contact tracing.
- Protect those in nursing homes and long-term care facilities by assuring access to rapid facility-wide testing in response to a resident or staff member with COVID-19. Address staff and supply shortages. Ensure social distancing and universal facemask use.
- Specific, detailed guidance on community mitigation measures can be found on the [CDC website](#).

The purpose of this report is to develop a shared understanding of the current status of the pandemic at the national, regional, state and local levels. We recognize that data at the state level may differ from that available at the federal level. Our objective is to use consistent data sources and methods that allow for comparisons to be made across localities. We appreciate your continued support in identifying data discrepancies and improving data completeness and sharing across systems. We look forward to your feedback.

** This figure may differ from state data due to differences in hospital lists between federal and state systems or inclusion of hospitals that are not admitting COVID-19 patients. We are working to incorporate feedback on an ongoing basis to update these figures. These data exclude psychiatric, rehabilitation, and religious non-medical hospitals.*



COVID-19

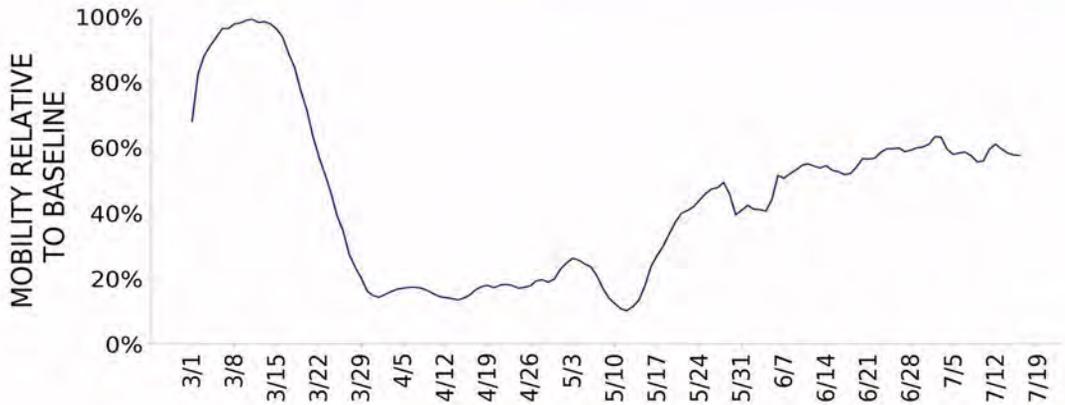


HAWAII

STATE REPORT | 07.19.2020

	STATE, LAST WEEK	STATE, % CHANGE FROM PREVIOUS WEEK	FEMA/HHS REGION, LAST WEEK	UNITED STATES, LAST WEEK
NEW CASES (RATE PER 100,000)	176 (12)	-4.3%	90,868 (177)	460,366 (140)
DIAGNOSTIC TEST POSITIVITY RATE	2.3%	-0.9%*	10.3%	9.1%
TOTAL DIAGNOSTIC TESTS (TESTS PER 100,000)	14,544 (1,027)	+31.6%	790,849 (1,542)	4,940,998 (1,505)
COVID DEATHS (RATE PER 100,000)	4 (0)	N/A	1,160 (2)	5,122 (2)
SNFs WITH AT LEAST ONE COVID-19 CASE	2.3%	-0.1%	17.3%	10.0%

MOBILITY



* Indicates absolute change in percentage points

DATA SOURCES

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 7/17/2020; last week is 7/11 - 7/17, previous week is 7/4 - 7/10.

Testing: State-level values calculated by using 7-day rolling averages of reported tests. Regional- and national-level values calculated by using a 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 7/15/2020. Last week is 7/9 - 7/15, previous week is 7/2 - 7/8. Testing data are inclusive of everything received and processed by the CELR system as of 14:00 EDT on 07/19/2020. Some dates may be incomplete due to delays in reporting. Testing data may be backfilled over time, resulting in changes week-to-week in testing data. It is critical that states provide as up-to-date testing data as possible.

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SNFs: Skilled nursing facilities. National Healthcare Safety Network. Last week is 7/6-7/12, previous week is 6/29-7/5.



HAWAII

STATE REPORT | 07.19.2020

LOCALITIES IN RED ZONE

LOCALITIES IN YELLOW ZONE

METRO AREA (CBSA) LAST WEEK

0

N/A

0

N/A

COUNTY LAST WEEK

0

N/A

0

N/A

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 a diagnostic test positivity result above 10%.

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

Note: Top 12 locations are selected based on the highest number of new cases in the last three weeks.

DATA SOURCES

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 7/17/2020; last week is 7/11 - 7/17, three weeks is 6/27 - 7/17.

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POLICY RECOMMENDATIONS FOR COUNTIES IN THE RED ZONE

Public Messaging

- Wear a mask at all times outside the home and maintain physical distance
- Limit social gatherings to 10 people or fewer
- Do not go to bars, nightclubs, or gyms
- Use take out or eat outdoors socially distanced
- Protect anyone with serious medical conditions at home by social distancing at home and using high levels of personal hygiene, including handwashing and cleaning surfaces
- Reduce your public interactions and activities to 25% of your normal activity

Public Officials

- Close bars and gyms, and create outdoor dining opportunities with pedestrian areas
- Limit social gatherings to 10 people or fewer
- Institute routine weekly testing of all workers in assisted living and long-term care facilities. Require masks for all staff and prohibit visitors
- Ensure that all business retailers and personal services require masks and can safely social distance
- Increase messaging on the risk of serious disease for individuals in all age groups with preexisting obesity, hypertension, and diabetes mellitus, and recommend to shelter in place
- Work with local community groups to provide targeted, tailored messaging to communities with high case rates, and increase community level testing
- Recruit more contact tracers as community outreach workers to ensure all cases are contacted and all positive households are individually tested within 24 hours
- Provide isolation facilities outside of households if COVID-positive individuals can't quarantine successfully

Testing

- Move to community-led neighborhood testing and work with local community groups to increase access to testing
- Surge testing and contact tracing resources to neighborhoods and zip codes with highest case rates
- **Diagnostic pooling:** Laboratories should use pooling of samples to increase testing access and reduce turnaround times to under 12 hours. Consider pools of 2-3 individuals in high incidence settings and 5:1 pools in setting where test positivity is under 10%
- **Surveillance pooling:** For family and cohabitating households, screen entire households in a single test by pooling specimens of all members into single collection device

POLICY RECOMMENDATIONS FOR COUNTIES IN THE YELLOW ZONE IN ORDER TO PREEMPT EXPONENTIAL COMMUNITY SPREAD

Public Messaging

- Wear a mask at all times outside the home and maintain physical distance
- Limit social gatherings to 25 people or fewer
- Do not go to bars or nightclubs
- Use take out, outdoor dining or indoor dining when strict social distancing can be maintained
- Protect anyone with serious medical conditions at home by social distancing at home and using high levels of personal hygiene
- Reduce your public interactions and activities to 50% of your normal activity

Public Officials

- Limit gyms to 25% occupancy and close bars until percent positive rates are under 3%; create outdoor dining opportunities with pedestrian areas
- Limit social gatherings to 25 people or fewer
- Institute routine weekly testing of all workers in assisted living and long-term care facilities. Require masks for all staff and prohibit visitors
- Ensure that all business retailers and personal services require masks and can safely social distance
- Increase messaging on the risk of serious disease for individuals in all age groups with preexisting obesity, hypertension, and diabetes mellitus, and recommend to shelter in place
- Work with local community groups to provide targeted, tailored messaging to communities with high case rates, and increase community level testing
- Recruit more contact tracers as community outreach workers to ensure all cases are contacted and all positive households are individually tested within 24 hours
- Provide isolation facilities outside of households if COVID-positive individuals can't quarantine successfully

Testing

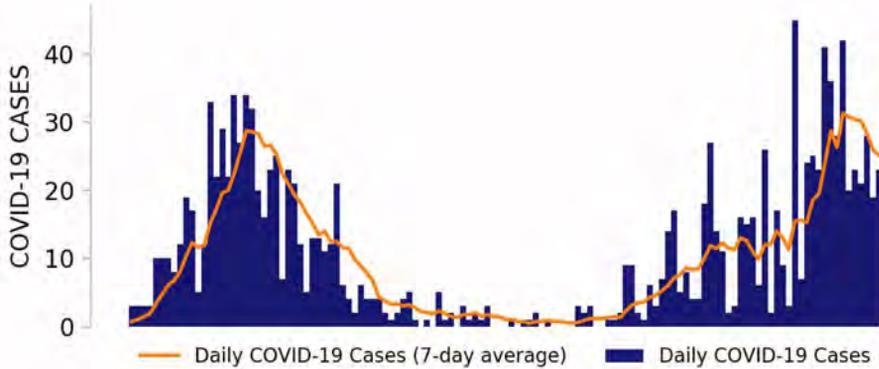
- Move to community-led neighborhood testing and work with local community groups to increase access to testing
- Surge testing and contact tracing resources to neighborhoods and zip codes with highest case rates
- **Diagnostic pooling:** Laboratories should use pooling of samples to increase testing access and reduce turnaround times to under 12 hours. Consider pools of 3-5 individuals
- **Surveillance pooling:** For family and cohabitating households, screen entire households in a single test by pooling specimens of all members into single collection device



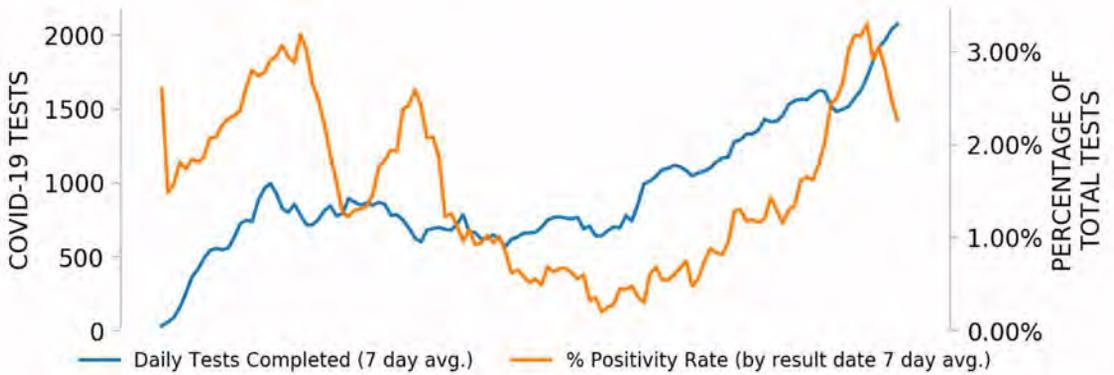
HAWAII

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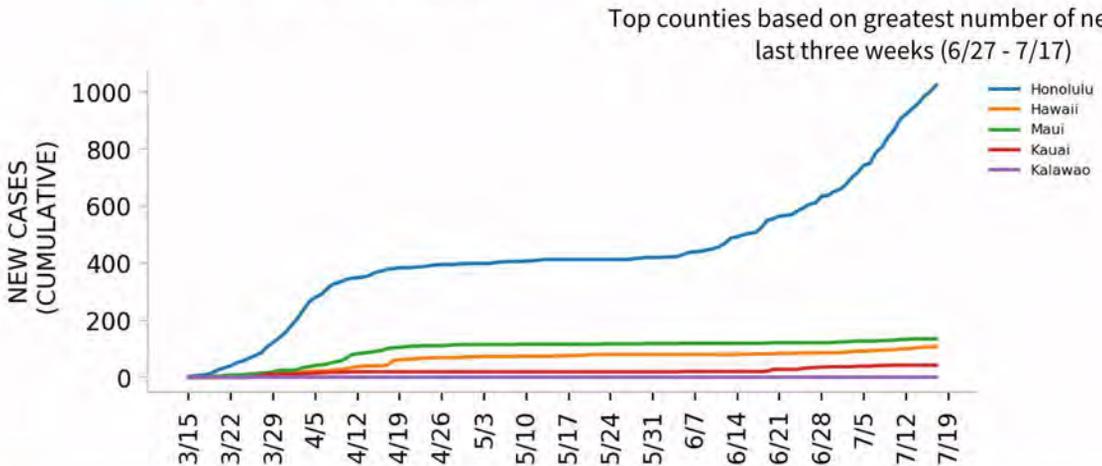
NEW CASES



TESTING



TOP COUNTIES



Top counties based on greatest number of new cases in last three weeks (6/27 - 7/17)

DATA SOURCES

Cases: County-level data from USAFacts. 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 7/17/2020.

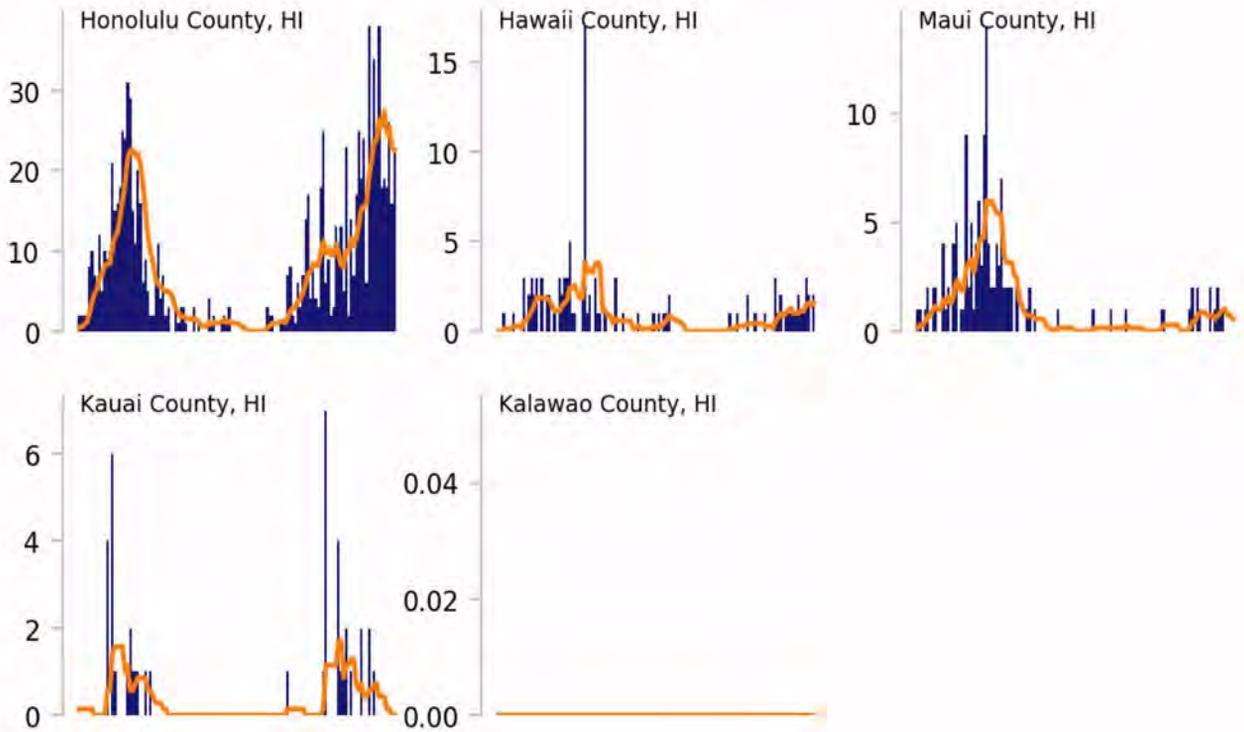
Testing: CELR (COVID-19 Electronic Lab Reporting) state health department-reported data through 7/15/2020.



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



DATA SOURCES

Cases: County-level data from USAFacts through 7/17/2020. Last 3 weeks is 6/27 - 7/17.

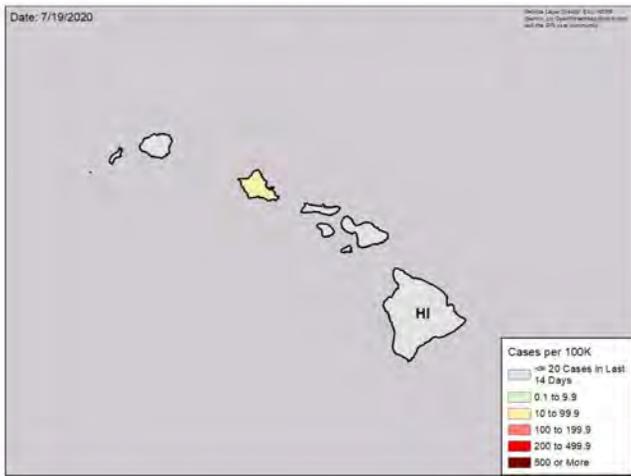


HAWAII

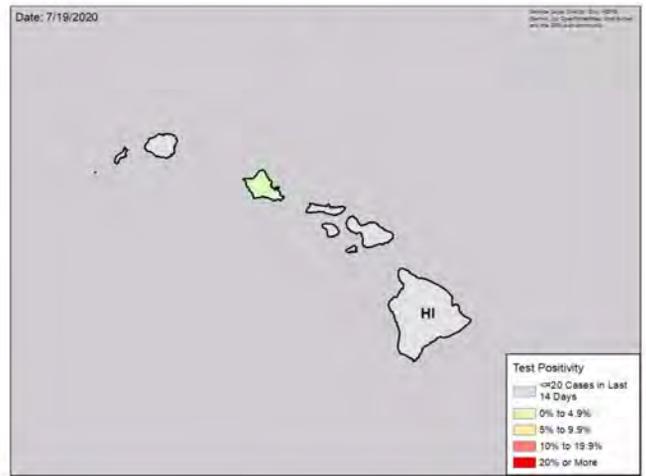
STATE REPORT | 07.19.2020

CASE RATES AND DIAGNOSTIC TEST POSITIVITY DURING THE LAST WEEK

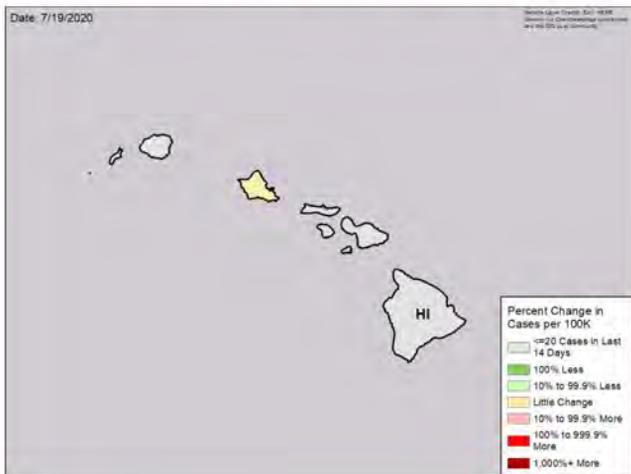
NEW CASES PER 100,000 DURING LAST WEEK



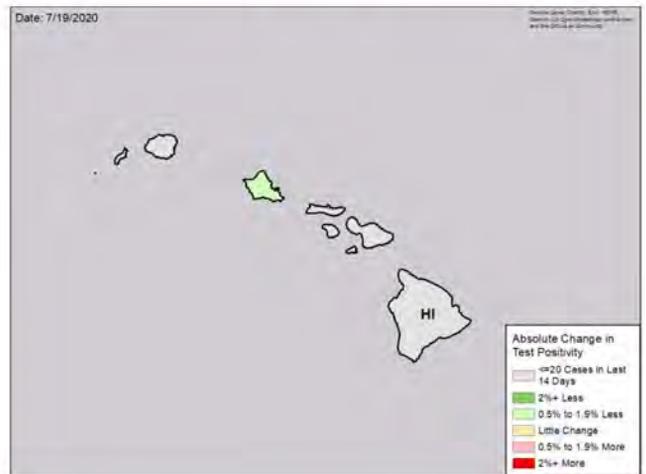
TEST POSITIVITY DURING LAST WEEK



WEEKLY % CHANGE IN NEW CASES PER 100K



WEEKLY CHANGE IN TEST POSITIVITY



DATA SOURCES

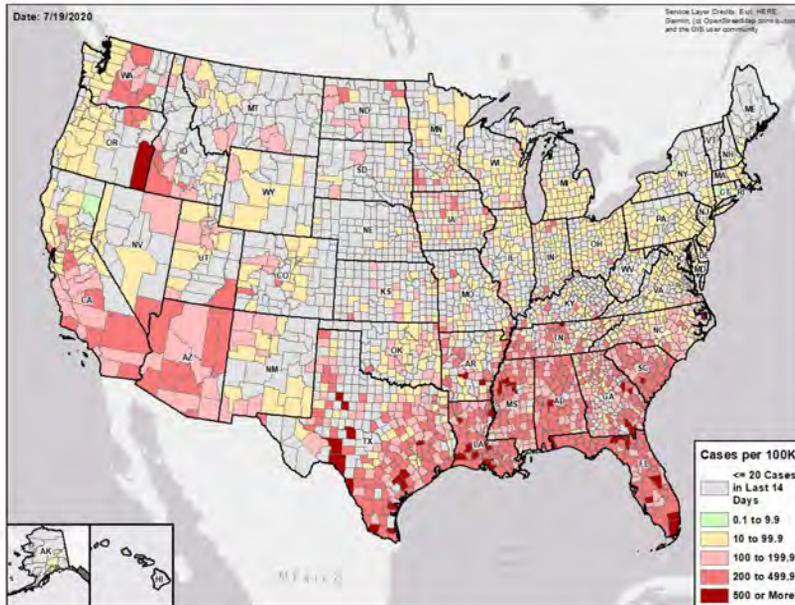
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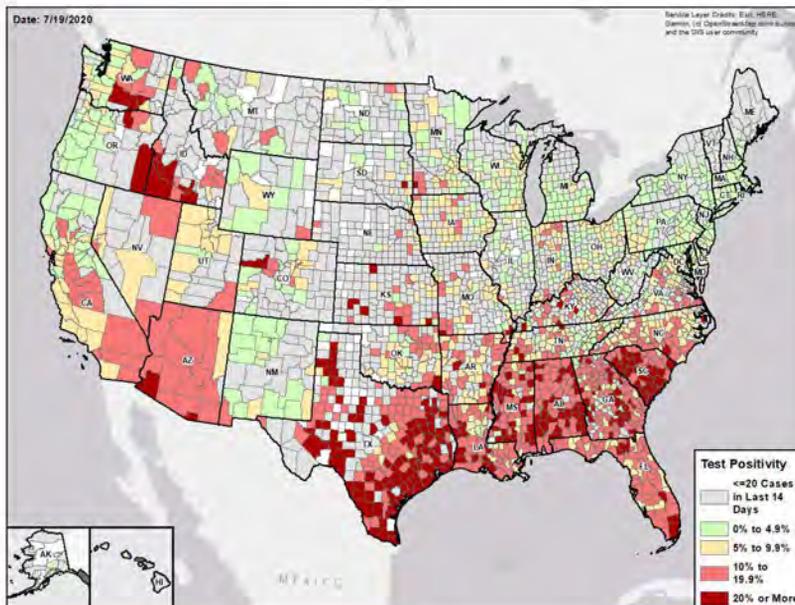


National Picture

NEW CASES PER 100,000 LAST WEEK



TEST POSITIVITY LAST WEEK



DATA SOURCES

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Methods

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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
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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	<0.5	0.5-2	>2
Percent change in deaths per 100,000 population	<-10%	-10% - 10%	>10%
Skilled Nursing Facilities with at least one COVID-19 case	0%	0.1%-5%	>5%
Change in SNFs with at least one COVID-19 case	<-0.5%	-0.5%-0.5%	>0.5%

DATA NOTES

- Cases and deaths:** County-level data from USAFacts as of 13:00 EDT on 07/18/2020. 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 7/11 to 7/17; previous week data are from 7/4 to 7/10.
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IDAHO

STATE REPORT | 07.19.2020

SUMMARY

- Idaho is in the red zone for cases, indicating more than 100 new cases per 100,000 population last week, and the red zone for test positivity, indicating a rate above 10%.
- Idaho has seen an increase in new cases and an increase in testing positivity over the past week.
- The following three counties had the highest number of new cases over the past 3 weeks: 1. Ada County, 2. Canyon County, and 3. Kootenai County. These counties represent 77.2 percent of new cases in Idaho.
- Disease trends continue to move in the wrong direction. Cases are continuing to rapidly increase; the test positivity rate exceeds 20% and continues to increase sharply despite increased testing over the past several weeks. COVID-19-related hospitalizations have risen rapidly in the past week and currently exceeds the initial peak in April. While many counties throughout Idaho are affected, the highest case and test positivity rates are in the Boise area and other counties of southwest Idaho.
- Idaho had 214 new cases per 100,000 population in the past week, compared to a national average of 140 per 100,000.
- The federal government has deployed the following staff as assets to support the state response: 12 to support operations activities from FEMA and 2 to support medical activities from VA.
- During Jul 15 - Jul 17, on average, 19 patients with confirmed COVID-19 and 8 patients with suspected COVID-19 were reported as newly admitted each day to hospitals in Idaho. An average of 52 percent of hospitals reported 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

- Move to community-led neighborhood testing and work with local community groups to increase access of testing.
- Surge testing and contact tracing resources to neighborhoods and zip codes with highest case rates, especially in the Central Health District.
- Support the recent mandates for mask wearing in highly affected counties and the Central Health District. Communicate support for adoption of mask wearing mandates in other counties and health districts with rapidly rising reported cases.
- Consider further restrictions of opening status under state reopening guidelines for businesses in localities if cases and hospitalizations continue to rise rapidly.
- Protect those in nursing homes and long-term care facilities by assuring access to rapid facility-wide testing in response to a resident or staff member with COVID-19. Address staff and supply shortages. Ensure social distancing and universal facemask use.
- Specific, detailed guidance on community mitigation measures can be found on the [CDC website](#).

The purpose of this report is to develop a shared understanding of the current status of the pandemic at the national, regional, state and local levels. We recognize that data at the state level may differ from that available at the federal level. Our objective is to use consistent data sources and methods that allow for comparisons to be made across localities. We appreciate your continued support in identifying data discrepancies and improving data completeness and sharing across systems. We look forward to your feedback.

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COVID-19

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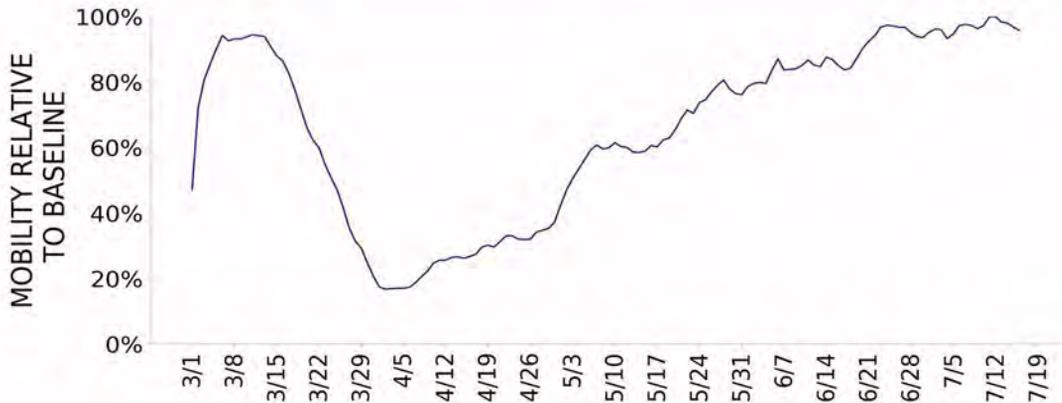


IDAHO

STATE REPORT | 07.19.2020

	STATE, LAST WEEK	STATE, % CHANGE FROM PREVIOUS WEEK	FEMA/HHS REGION, LAST WEEK	UNITED STATES, LAST WEEK
NEW CASES (RATE PER 100,000)	3,824 (214)	+30.3%	12,456 (87)	460,366 (140)
DIAGNOSTIC TEST POSITIVITY RATE	22.4%	+6.0%*	10.0%	9.1%
TOTAL DIAGNOSTIC TESTS (TESTS PER 100,000)	29,743 (1,664)	+25.2%	176,868 (1,232)	4,940,998 (1,505)
COVID DEATHS (RATE PER 100,000)	13 (1)	+44.4%	83 (1)	5,122 (2)
SNFs WITH AT LEAST ONE COVID-19 CASE	4.9%	+1.2%	5.3%	10.0%

MOBILITY



* Indicates absolute change in percentage points

DATA SOURCES

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 7/17/2020; last week is 7/11 - 7/17, previous week is 7/4 - 7/10.

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SNFs: Skilled nursing facilities. National Healthcare Safety Network. Last week is 7/6-7/12, previous week is 6/29-7/5.



IDAHO

STATE REPORT | 07.19.2020

LOCALITIES IN RED ZONE

LOCALITIES IN YELLOW ZONE

METRO AREA (CBSA) LAST WEEK

6	Boise City Coeur d'Alene Twin Falls Burley Ontario Mountain Home
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6	Idaho Falls Pocatello Rexburg Blackfoot Hailey Logan
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COUNTY LAST WEEK

13 Top 12 shown (full list below)	Ada Canyon Kootenai Twin Falls Payette Cassia Minidoka Jerome Owyhee Elmore Gem Washington
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17 Top 12 shown (full list below)	Bonneville Bannock Bingham Madison Gooding Blaine Jefferson Teton Valley Fremont Boise Franklin
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All Red Counties: Ada, Canyon, Kootenai, Twin Falls, Payette, Cassia, Minidoka, Jerome, Owyhee, Elmore, Gem, Washington, Shoshone

All Yellow Counties: Bonneville, Bannock, Bingham, Madison, Gooding, Blaine, Teton, Jefferson, Valley, Fremont, Boise, Franklin, Lincoln, Oneida, Power, Custer, Adams

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 a diagnostic test positivity result above 10%.

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

Note: Top 12 locations are selected based on the highest number of new cases in the last three weeks.

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POLICY RECOMMENDATIONS FOR COUNTIES IN THE RED ZONE

Public Messaging

- Wear a mask at all times outside the home and maintain physical distance
- Limit social gatherings to 10 people or fewer
- Do not go to bars, nightclubs, or gyms
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- Ensure that all business retailers and personal services require masks and can safely social distance
- Increase messaging on the risk of serious disease for individuals in all age groups with preexisting obesity, hypertension, and diabetes mellitus, and recommend to shelter in place
- Work with local community groups to provide targeted, tailored messaging to communities with high case rates, and increase community level testing
- Recruit more contact tracers as community outreach workers to ensure all cases are contacted and all positive households are individually tested within 24 hours
- Provide isolation facilities outside of households if COVID-positive individuals can't quarantine successfully

Testing

- Move to community-led neighborhood testing and work with local community groups to increase access to testing
- Surge testing and contact tracing resources to neighborhoods and zip codes with highest case rates
- **Diagnostic pooling:** Laboratories should use pooling of samples to increase testing access and reduce turnaround times to under 12 hours. Consider pools of 2-3 individuals in high incidence settings and 5:1 pools in setting where test positivity is under 10%
- **Surveillance pooling:** For family and cohabitating households, screen entire households in a single test by pooling specimens of all members into single collection device

POLICY RECOMMENDATIONS FOR COUNTIES IN THE YELLOW ZONE IN ORDER TO PREEMPT EXPONENTIAL COMMUNITY SPREAD

Public Messaging

- Wear a mask at all times outside the home and maintain physical distance
- Limit social gatherings to 25 people or fewer
- Do not go to bars or nightclubs
- Use take out, outdoor dining or indoor dining when strict social distancing can be maintained
- Protect anyone with serious medical conditions at home by social distancing at home and using high levels of personal hygiene
- Reduce your public interactions and activities to 50% of your normal activity

Public Officials

- Limit gyms to 25% occupancy and close bars until percent positive rates are under 3%; create outdoor dining opportunities with pedestrian areas
- Limit social gatherings to 25 people or fewer
- Institute routine weekly testing of all workers in assisted living and long-term care facilities. Require masks for all staff and prohibit visitors
- Ensure that all business retailers and personal services require masks and can safely social distance
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Testing

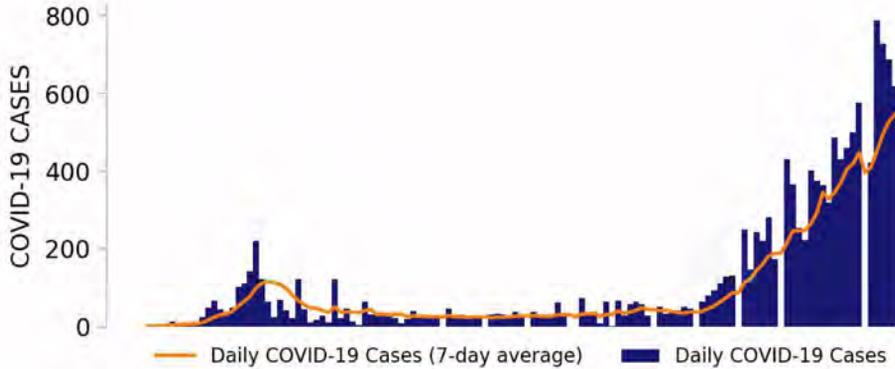
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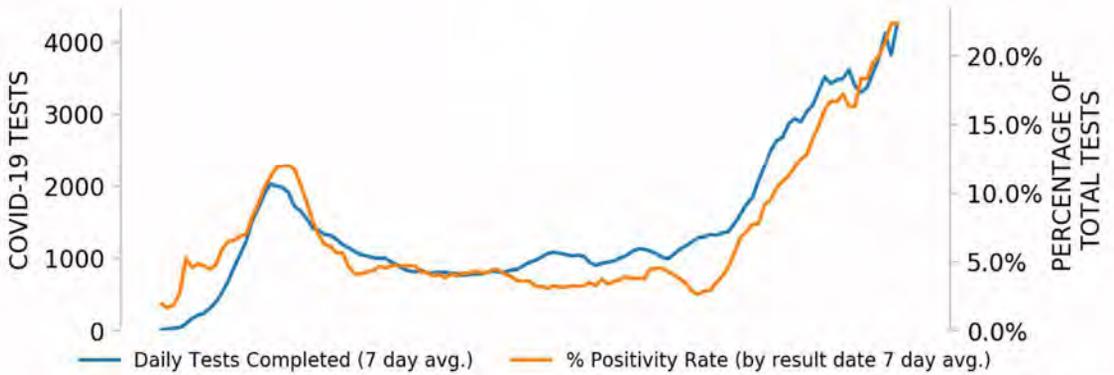
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NEW CASES

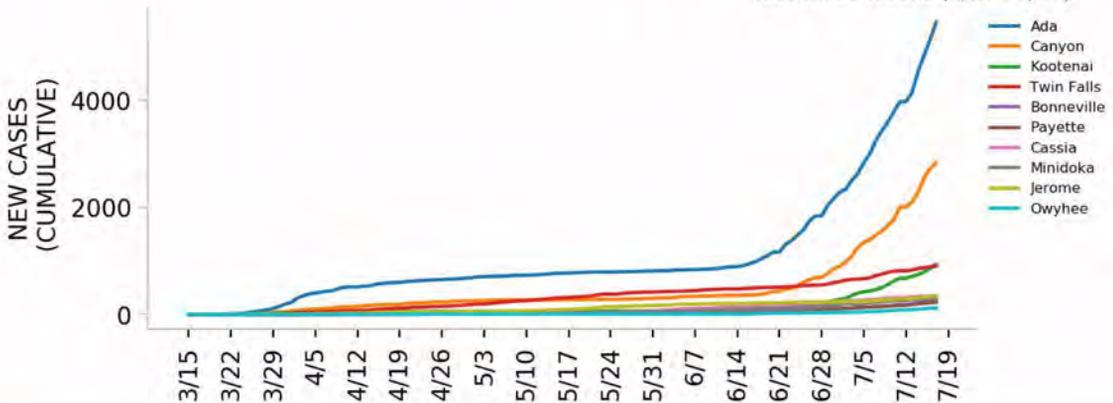


TESTING



Top counties based on greatest number of new cases in last three weeks (6/27 - 7/17)

TOP COUNTIES



DATA SOURCES

Cases: County-level data from USAFacts. 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 7/17/2020.

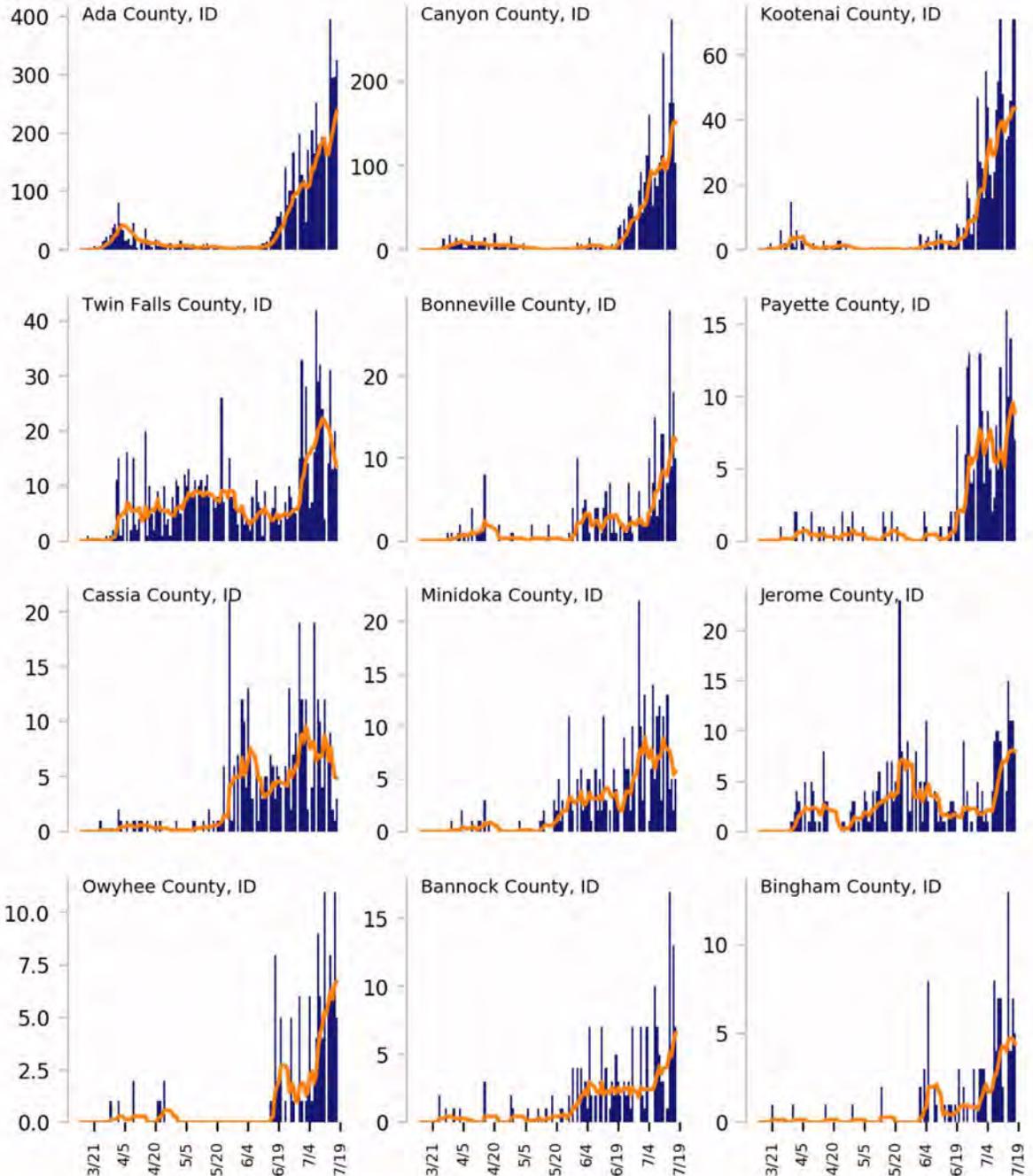
Testing: CELR (COVID-19 Electronic Lab Reporting) state health department-reported data through 7/15/2020.



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



DATA SOURCES

Cases: County-level data from USAFacts through 7/17/2020. Last 3 weeks is 6/27 - 7/17.

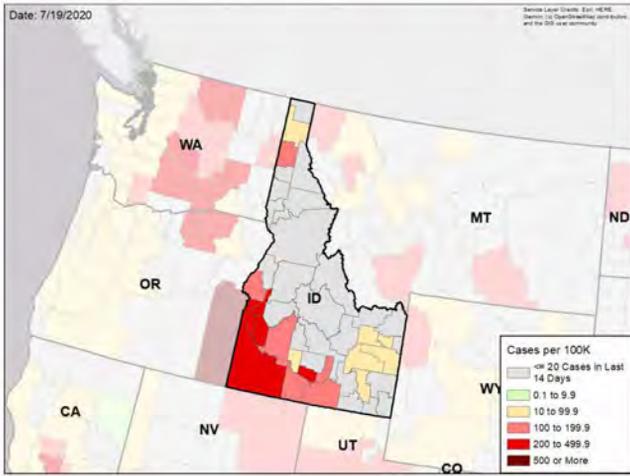


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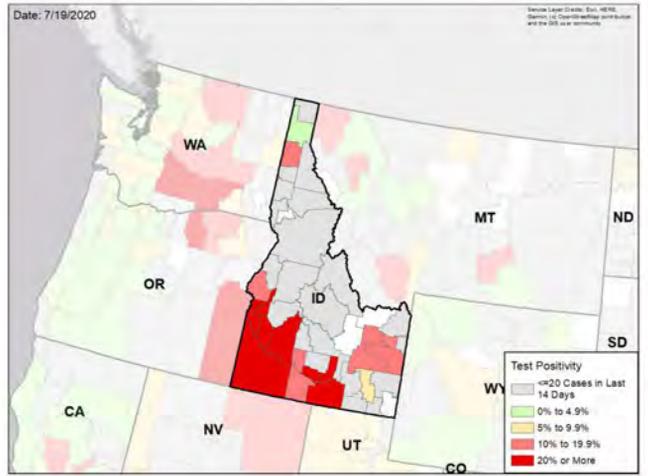
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CASE RATES AND DIAGNOSTIC TEST POSITIVITY DURING THE LAST WEEK

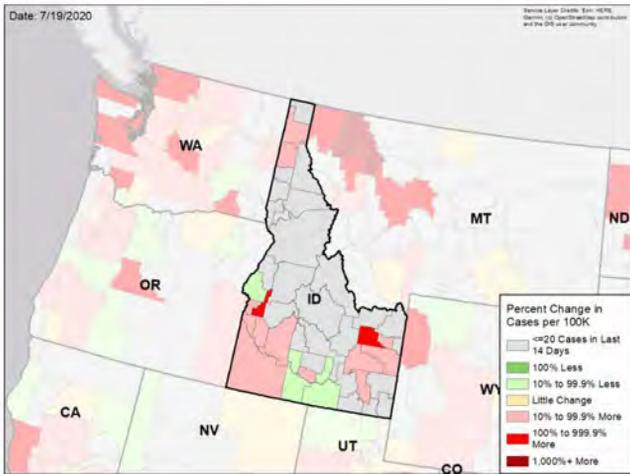
NEW CASES PER 100,000 DURING LAST WEEK



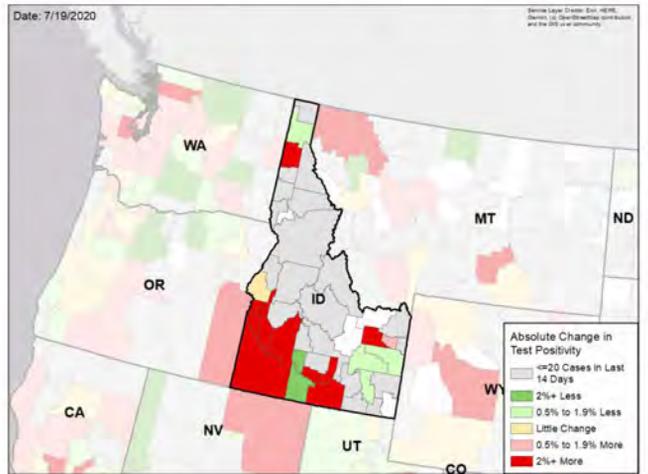
TEST POSITIVITY DURING LAST WEEK



WEEKLY % CHANGE IN NEW CASES PER 100K



WEEKLY CHANGE IN TEST POSITIVITY



DATA SOURCES

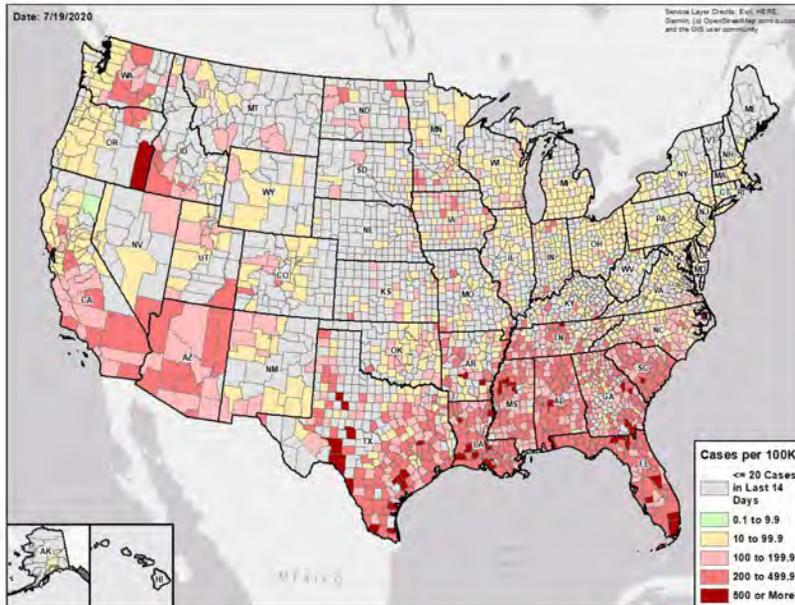
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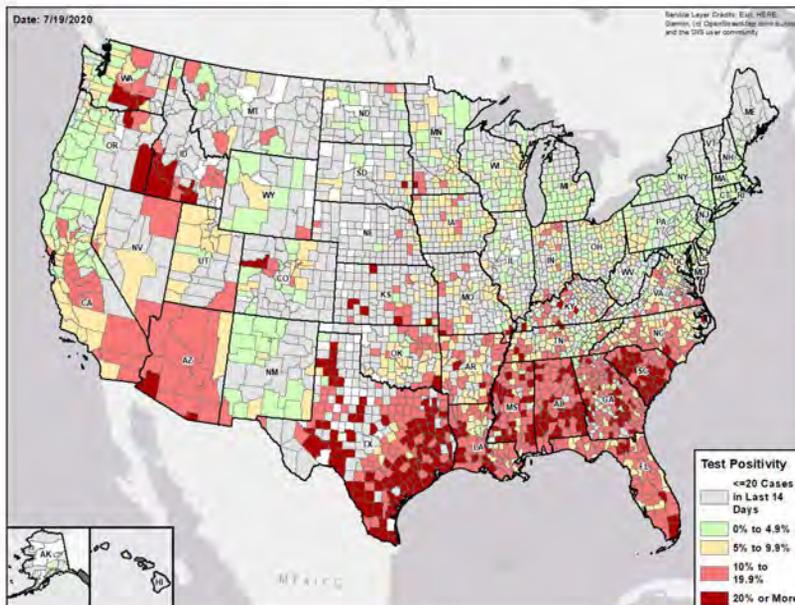


National Picture

NEW CASES PER 100,000 LAST WEEK



TEST POSITIVITY LAST WEEK



DATA SOURCES

Cases: County-level data from USAFacts through 7/17/2020. Last week is 7/11 - 7/17

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 7/15/2020. Last week is 7/9 - 7/15. Testing data may be backfilled over time, resulting in changes week-to-week in testing data. It is critical that states provide as up-to-date testing data as possible.



Methods

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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	<0.5	0.5-2	>2
Percent change in deaths per 100,000 population	<-10%	-10% - 10%	>10%
Skilled Nursing Facilities with at least one COVID-19 case	0%	0.1%-5%	>5%
Change in SNFs with at least one COVID-19 case	<-0.5%	-0.5%-0.5%	>0.5%

DATA NOTES

- Cases and deaths:** County-level data from USAFacts as of 13:00 EDT on 07/18/2020. 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 7/11 to 7/17; previous week data are from 7/4 to 7/10.
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- 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; 100% represents the baseline mobility level. Data is recent as of 13:00 EDT on 07/18/2020 and through 7/16/2020.
- 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.
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ILLINOIS

STATE REPORT | 07.19.2020

SUMMARY

- Illinois is in the yellow zone for cases, indicating between 10 to 100 new cases per 100,000 population last week, and the green zone for test positivity, indicating a rate below 5%.
- Illinois has seen an increase in new cases and stability in testing positivity over the past week.
- The following three counties had the highest number of new cases over the past 3 weeks: 1. Cook County, 2. Lake County, and 3. DuPage County. These counties represent 57.8 percent of new cases in Illinois.
- Illinois had 60 new cases per 100,000 population in the past week, compared to a national average of 140 per 100,000.
- The federal government has deployed the following staff as assets to support the state response: 90 to support operations activities from FEMA; 6 to support operations activities from ASPR; 3 from CDC; 7 to support operations activities from USCG; and 2 to support medical activities from VA.
- During Jul 15 - Jul 17, on average, 85 patients with confirmed COVID-19 and 375 patients with suspected COVID-19 were reported as newly admitted each day to hospitals in Illinois. An average of 78 percent of hospitals reported 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

- Protect vulnerable populations in assisted living and long-term care facilities through weekly testing of all workers and requiring masks. In facilities with workers who tested positive, ensure all residents have been tested and appropriate cohorting measures are in place.
- Continue to scale contact tracing and ensure the ability of cases and contacts to quarantine or isolate safely.
- Monitor testing data to identify additional sites of increased transmission and focus public health resources on them.
- Ensure COVID-19 diagnostic testing continues to expand, specifically in the metro areas. Work with hospitals to ensure COVID-19 test results are immediately available for timely use of therapeutics.
- Monitor activities at bars and restaurants if cases rise and adjust occupancy levels accordingly.
- Specific, detailed guidance on community mitigation measures can be found on the [CDC website](#).

The purpose of this report is to develop a shared understanding of the current status of the pandemic at the national, regional, state and local levels. We recognize that data at the state level may differ from that available at the federal level. Our objective is to use consistent data sources and methods that allow for comparisons to be made across localities. We appreciate your continued support in identifying data discrepancies and improving data completeness and sharing across systems. We look forward to your feedback.

** This figure may differ from state data due to differences in hospital lists between federal and state systems or inclusion of hospitals that are not admitting COVID-19 patients. We are working to incorporate feedback on an ongoing basis to update these figures. These data exclude psychiatric, rehabilitation, and religious non-medical hospitals.*



COVID-19

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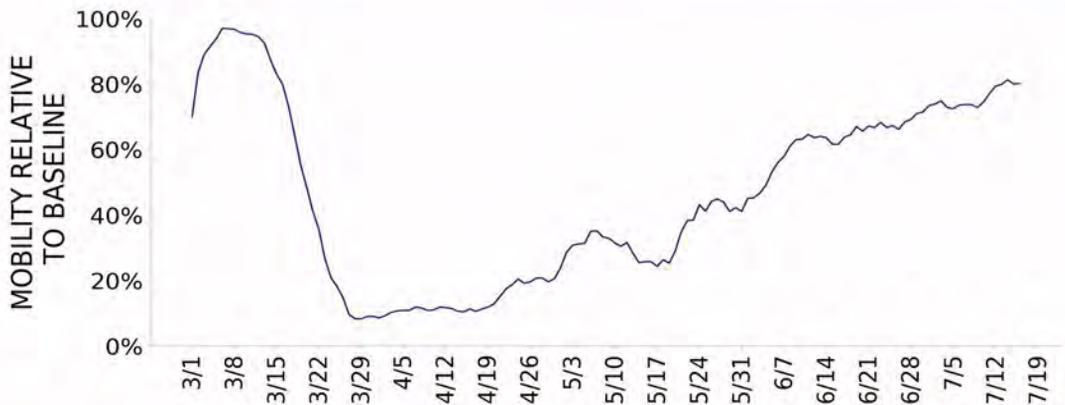


ILLINOIS

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	STATE, LAST WEEK	STATE, % CHANGE FROM PREVIOUS WEEK	FEMA/HHS REGION, LAST WEEK	UNITED STATES, LAST WEEK
NEW CASES (RATE PER 100,000)	7,586 (60)	+26.3%	36,439 (69)	460,366 (140)
DIAGNOSTIC TEST POSITIVITY RATE	4.0%	+0.2%*	5.0%	9.1%
TOTAL DIAGNOSTIC TESTS (TESTS PER 100,000)	203,944 (1,609)	+9.8%	883,705 (1,682)	4,940,998 (1,505)
COVID DEATHS (RATE PER 100,000)	131 (1)	-4.4%	401 (1)	5,122 (2)
SNFs WITH AT LEAST ONE COVID-19 CASE	10.3%	+0.5%	7.0%	10.0%

MOBILITY



* Indicates absolute change in percentage points

DATA SOURCES

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 7/17/2020; last week is 7/11 - 7/17, previous week is 7/4 - 7/10.

Testing: State-level values calculated by using 7-day rolling averages of reported tests. Regional- and national-level values calculated by using a 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 7/15/2020. Last week is 7/9 - 7/15, previous week is 7/2 - 7/8. Testing data are inclusive of everything received and processed by the CELR system as of 14:00 EDT on 07/19/2020. Some dates may be incomplete due to delays in reporting. Testing data may be backfilled over time, resulting in changes week-to-week in testing data. It is critical that states provide as up-to-date testing data as possible.

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; 100% represents the baseline mobility level. Data is anonymized and provided at the county level. Data through 7/16/2020.

SNFs: Skilled nursing facilities. National Healthcare Safety Network. Last week is 7/6-7/12, previous week is 6/29-7/5.



ILLINOIS

STATE REPORT | 07.19.2020

LOCALITIES IN RED ZONE

LOCALITIES IN YELLOW ZONE

METRO AREA (CBSA) LAST WEEK

0	N/A
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6	St. Louis Davenport-Moline-Rock Island Quincy Rochelle Paducah Cape Girardeau
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COUNTY LAST WEEK

3	Monroe Pulaski Hardin
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18 Top 12 shown (full list below)	Kane Madison Rock Island Peoria Adams Ogle Randolph Union Clinton Woodford Saline Johnson
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All Yellow Counties: Kane, Madison, Rock Island, Peoria, Adams, Ogle, Randolph, Union, Clinton, Woodford, Saline, Johnson, Lawrence, Massac, Gallatin, Edwards, Calhoun, Pope

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 a diagnostic test positivity result above 10%.

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

Note: Top 12 locations are selected based on the highest number of new cases in the last three weeks.

DATA SOURCES

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 7/17/2020; last week is 7/11 - 7/17, three weeks is 6/27 - 7/17.

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POLICY RECOMMENDATIONS FOR COUNTIES IN THE RED ZONE

Public Messaging

- Wear a mask at all times outside the home and maintain physical distance
- Limit social gatherings to 10 people or fewer
- Do not go to bars, nightclubs, or gyms
- Use take out or eat outdoors socially distanced
- Protect anyone with serious medical conditions at home by social distancing at home and using high levels of personal hygiene, including handwashing and cleaning surfaces
- Reduce your public interactions and activities to 25% of your normal activity

Public Officials

- Close bars and gyms, and create outdoor dining opportunities with pedestrian areas
- Limit social gatherings to 10 people or fewer
- Institute routine weekly testing of all workers in assisted living and long-term care facilities. Require masks for all staff and prohibit visitors
- Ensure that all business retailers and personal services require masks and can safely social distance
- Increase messaging on the risk of serious disease for individuals in all age groups with preexisting obesity, hypertension, and diabetes mellitus, and recommend to shelter in place
- Work with local community groups to provide targeted, tailored messaging to communities with high case rates, and increase community level testing
- Recruit more contact tracers as community outreach workers to ensure all cases are contacted and all positive households are individually tested within 24 hours
- Provide isolation facilities outside of households if COVID-positive individuals can't quarantine successfully

Testing

- Move to community-led neighborhood testing and work with local community groups to increase access to testing
- Surge testing and contact tracing resources to neighborhoods and zip codes with highest case rates
- **Diagnostic pooling:** Laboratories should use pooling of samples to increase testing access and reduce turnaround times to under 12 hours. Consider pools of 2-3 individuals in high incidence settings and 5:1 pools in setting where test positivity is under 10%
- **Surveillance pooling:** For family and cohabitating households, screen entire households in a single test by pooling specimens of all members into single collection device

POLICY RECOMMENDATIONS FOR COUNTIES IN THE YELLOW ZONE IN ORDER TO PREEMPT EXPONENTIAL COMMUNITY SPREAD

Public Messaging

- Wear a mask at all times outside the home and maintain physical distance
- Limit social gatherings to 25 people or fewer
- Do not go to bars or nightclubs
- Use take out, outdoor dining or indoor dining when strict social distancing can be maintained
- Protect anyone with serious medical conditions at home by social distancing at home and using high levels of personal hygiene
- Reduce your public interactions and activities to 50% of your normal activity

Public Officials

- Limit gyms to 25% occupancy and close bars until percent positive rates are under 3%; create outdoor dining opportunities with pedestrian areas
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Testing

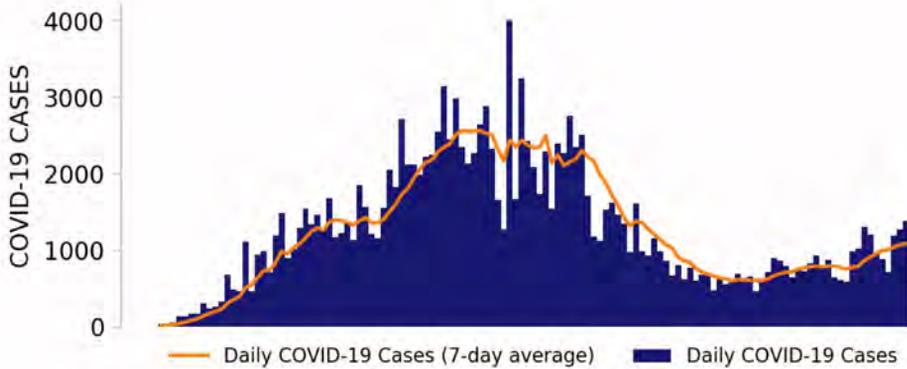
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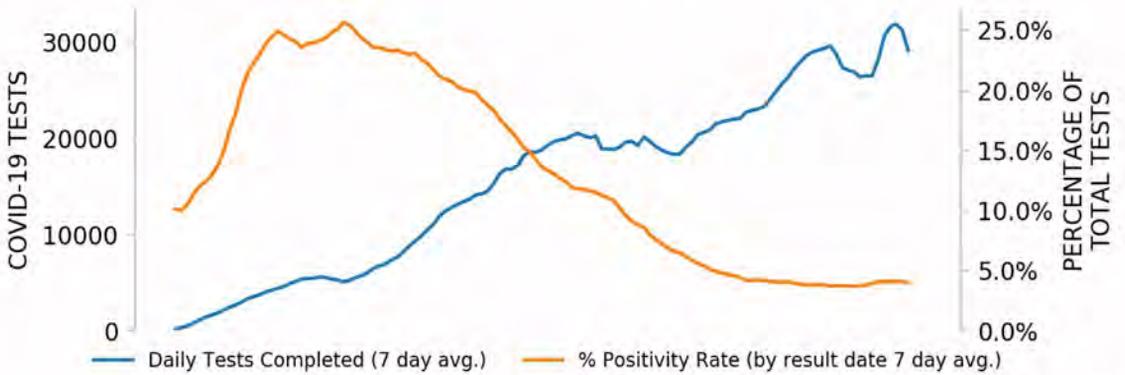
ILLINOIS

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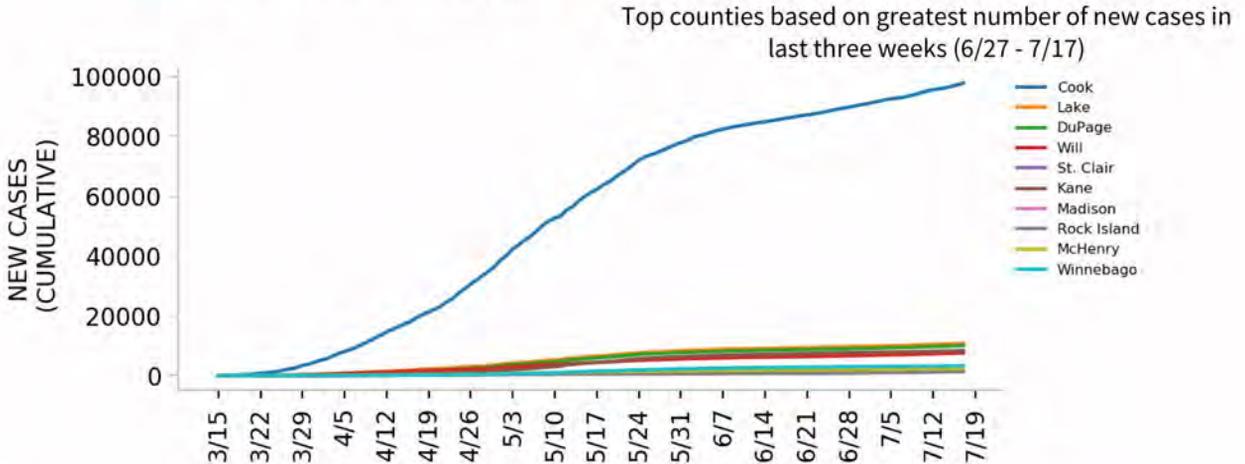
NEW CASES



TESTING



TOP COUNTIES



DATA SOURCES

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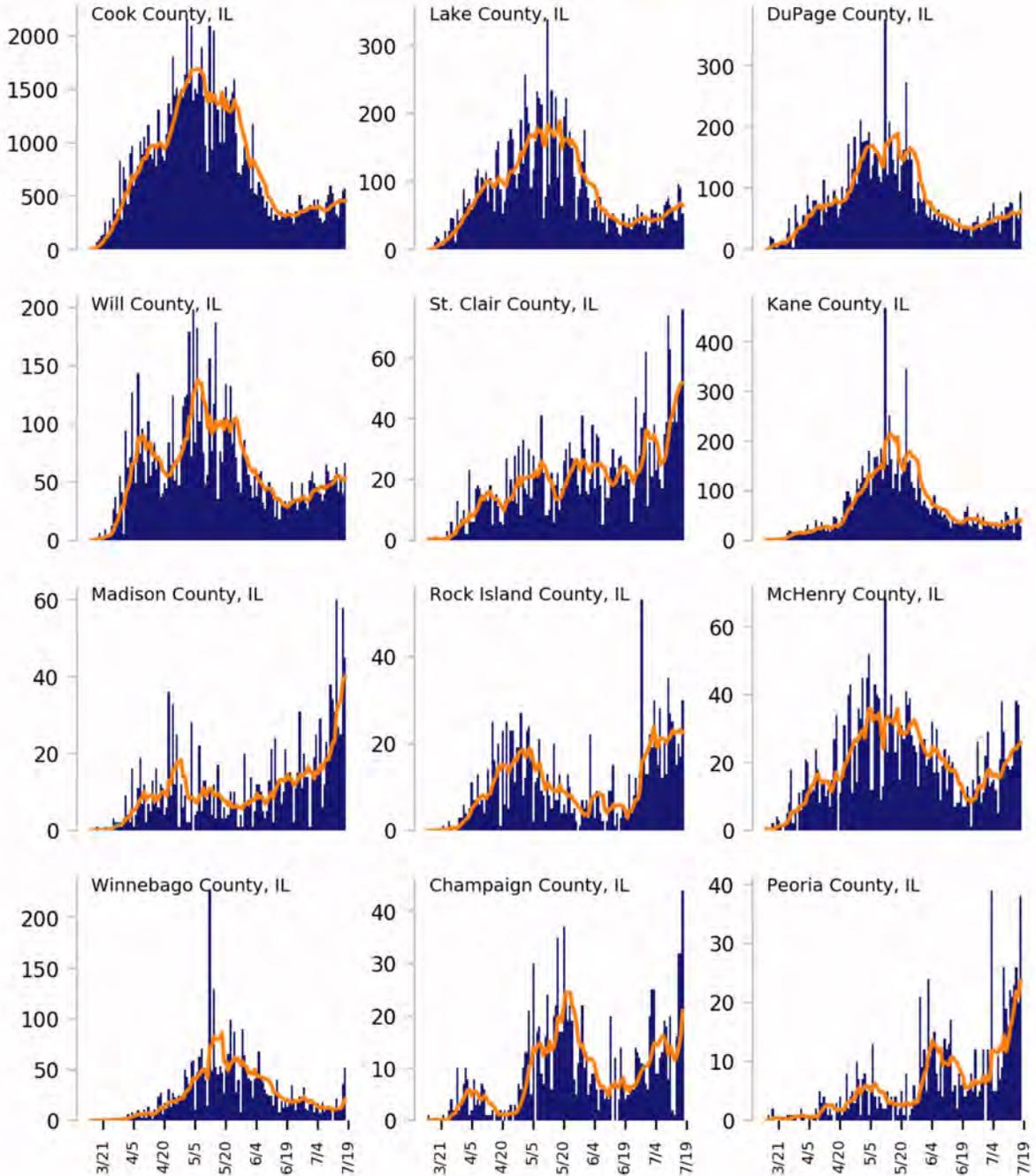
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Top 12 counties based on number of new cases in the last 3 weeks

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

TOTAL DAILY CASES



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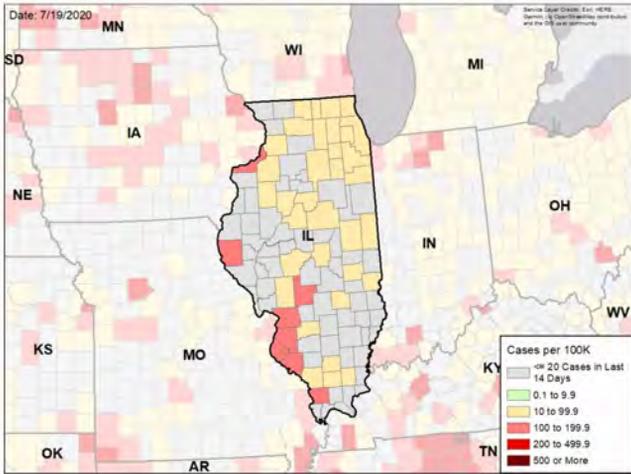


ILLINOIS

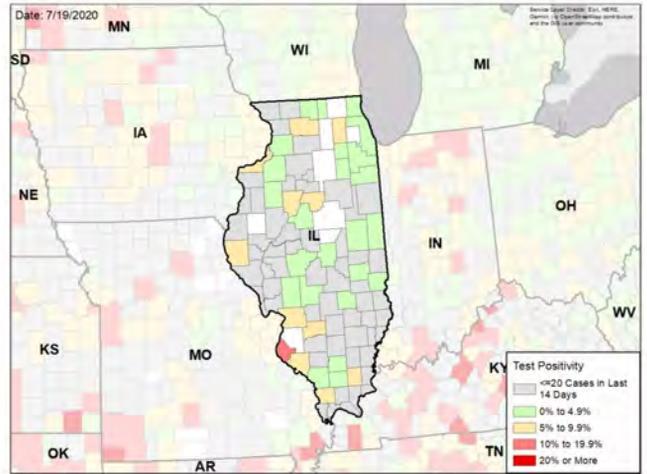
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CASE RATES AND DIAGNOSTIC TEST POSITIVITY DURING THE LAST WEEK

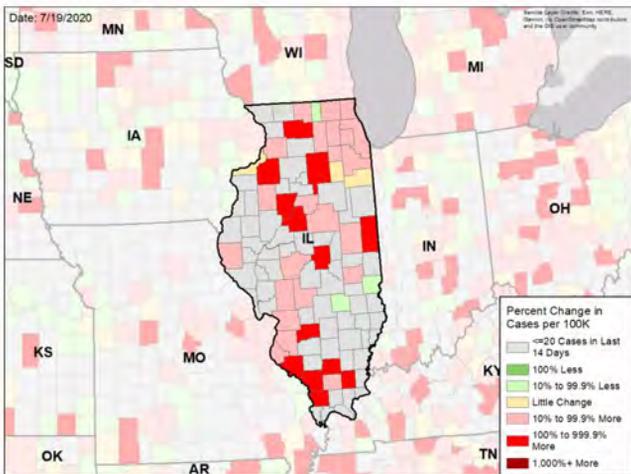
NEW CASES PER 100,000 DURING LAST WEEK



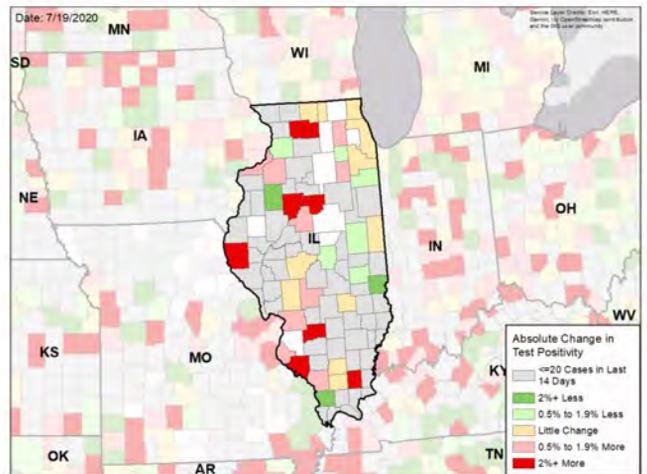
TEST POSITIVITY DURING LAST WEEK



WEEKLY % CHANGE IN NEW CASES PER 100K



WEEKLY CHANGE IN TEST POSITIVITY



DATA SOURCES

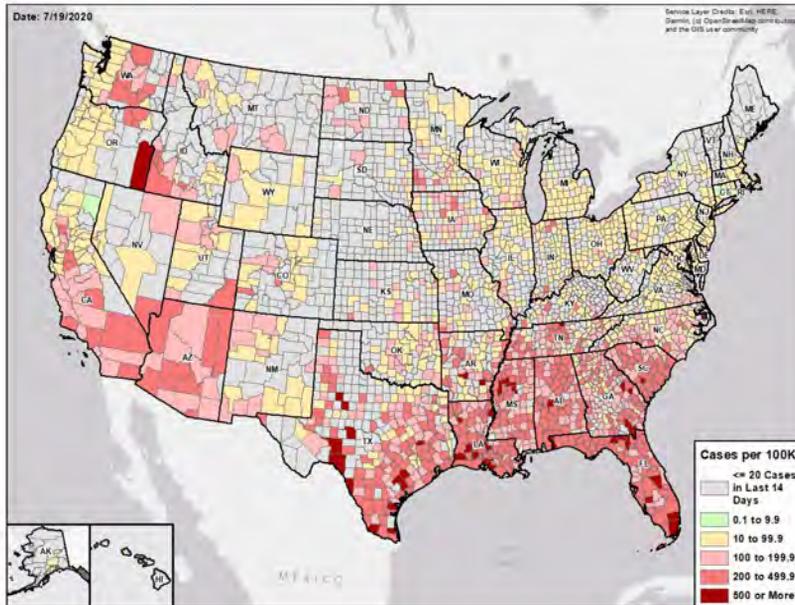
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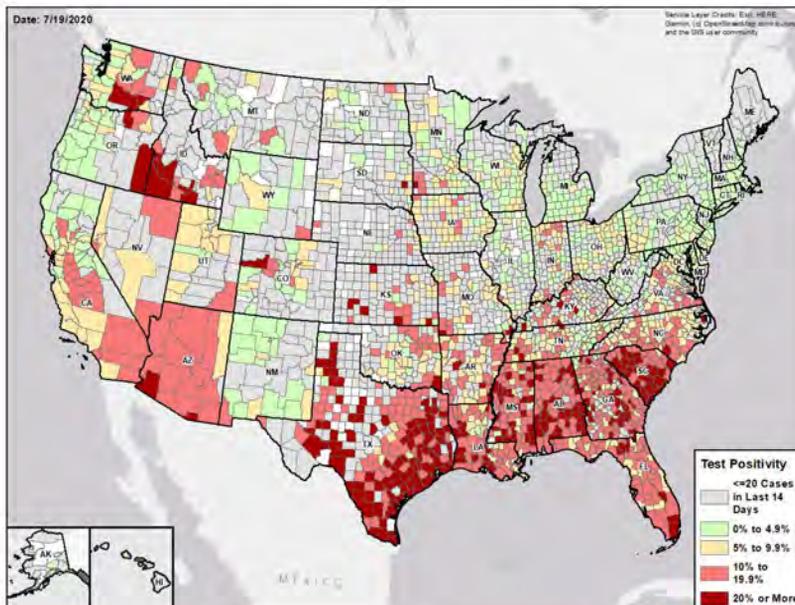


National Picture

NEW CASES PER 100,000 LAST WEEK



TEST POSITIVITY LAST WEEK



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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	<0.5	0.5-2	>2
Percent change in deaths per 100,000 population	<-10%	-10% - 10%	>10%
Skilled Nursing Facilities with at least one COVID-19 case	0%	0.1%-5%	>5%
Change in SNFs with at least one COVID-19 case	<-0.5%	-0.5%-0.5%	>0.5%

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INDIANA

STATE REPORT | 07.19.2020

SUMMARY

- Indiana is in the yellow zone for cases, indicating between 10 to 100 new cases per 100,000 population last week, and the yellow zone for test positivity, indicating a rate between 5% to 10%.
- Indiana has seen an increase in new cases and an increase in testing positivity over the past week.
- The following three counties had the highest number of new cases over the past 3 weeks: 1. Marion County, 2. Lake County, and 3. Elkhart County. These counties represent 34.9 percent of new cases in Indiana.
- Indiana had 67 new cases per 100,000 population in the past week, compared to a national average of 140 per 100,000.
- The federal government has deployed the following staff as assets to support the state response: 7 to support operations activities from FEMA and 4 from CDC.
- During Jul 15 - Jul 17, on average, 51 patients with confirmed COVID-19 and 115 patients with suspected COVID-19 were reported as newly admitted each day to hospitals in Indiana. An average of 43 percent of hospitals reported 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

- Emphasize social distancing (at least 6 ft) and use of face masks in all indoor business or public areas; require face mask outside the home in all counties with incidence over 100 new cases per 100,000 population and/or average test positivity greater than 5%.
- Protect those in nursing homes and long-term care facilities by testing all staff each week and requiring staff to wear face masks while on duty.
- Continue to vigorously investigate cases with contact tracing and early quarantine of contacts and isolation of cases; focus resources on counties with high or increasing transmission such as Dubois, Elkhart, Grant, Jefferson, Lake, Marion, Marshall, Perry, Posey, St. Joseph's, Spencer, and Starke counties.
- Move to community-led testing and work with local community groups to increase testing access. Consider pooling specimens as instructed below to increase access and reduce turnaround times.
- In all counties with 7-day average test positivity greater than 10%, close bars and gyms, require strict social distancing within restaurants and revert to take-out or outdoor dining, and limit gatherings to 10 or fewer people.
- Encourage all individuals under age 40 that participated in large social gatherings or protests to be tested to prevent spread to vulnerable individuals in the community. Significant levels of asymptomatic cases are being found in people under age 40 across the United States.
- Specific, detailed guidance on community mitigation measures can be found on the [CDC website](#).

The purpose of this report is to develop a shared understanding of the current status of the pandemic at the national, regional, state and local levels. We recognize that data at the state level may differ from that available at the federal level. Our objective is to use consistent data sources and methods that allow for comparisons to be made across localities. We appreciate your continued support in identifying data discrepancies and improving data completeness and sharing across systems. We look forward to your feedback.

** This figure may differ from state data due to differences in hospital lists between federal and state systems or inclusion of hospitals that are not admitting COVID-19 patients. We are working to incorporate feedback on an ongoing basis to update these figures. These data exclude psychiatric, rehabilitation, and religious non-medical hospitals.*



COVID-19



INDIANA

STATE REPORT | 07.19.2020

	STATE, LAST WEEK	STATE, % CHANGE FROM PREVIOUS WEEK	FEMA/HHS REGION, LAST WEEK	UNITED STATES, LAST WEEK
NEW CASES (RATE PER 100,000)	4,514 (67)	+33.4%	36,439 (69)	460,366 (140)
DIAGNOSTIC TEST POSITIVITY RATE	7.4%	+1.1%*	5.0%	9.1%
TOTAL DIAGNOSTIC TESTS (TESTS PER 100,000)	90,808 (1,349)	+21.1%	883,705 (1,682)	4,940,998 (1,505)
COVID DEATHS (RATE PER 100,000)	55 (1)	-19.1%	401 (1)	5,122 (2)
SNFs WITH AT LEAST ONE COVID-19 CASE	6.6%	+0.1%	7.0%	10.0%

MOBILITY



* Indicates absolute change in percentage points

DATA SOURCES

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 7/17/2020; last week is 7/11 - 7/17, previous week is 7/4 - 7/10.

Testing: State-level values calculated by using 7-day rolling averages of reported tests. Regional- and national-level values calculated by using a 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 7/15/2020. Last week is 7/9 - 7/15, previous week is 7/2 - 7/8. Testing data are inclusive of everything received and processed by the CELR system as of 14:00 EDT on 07/19/2020. Some dates may be incomplete due to delays in reporting. Testing data may be backfilled over time, resulting in changes week-to-week in testing data. It is critical that states provide as up-to-date testing data as possible.

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; 100% represents the baseline mobility level. Data is anonymized and provided at the county level. Data through 7/16/2020.

SNFs: Skilled nursing facilities. National Healthcare Safety Network. Last week is 7/6-7/12, previous week is 6/29-7/5.



INDIANA

STATE REPORT | 07.19.2020

LOCALITIES IN RED ZONE

LOCALITIES IN YELLOW ZONE

METRO AREA (CBSA) LAST WEEK

3

Elkhart-Goshen
Plymouth
Jasper

20

Top 12 shown (full list below)

Indianapolis-Carmel-Anderson
Evansville
South Bend-Mishawaka
Fort Wayne
Louisville/Jefferson County
Warsaw
Michigan City-La Porte
Kendallville
Cincinnati
Kokomo
Marion
Madison

COUNTY LAST WEEK

5

Elkhart
Marshall
Dubois
Starke
Spencer

49

Top 12 shown (full list below)

Marion
Lake
Vanderburgh
St. Joseph
Allen
Porter
Johnson
Hendricks
Kosciusko
LaPorte
Clark
Noble

All Yellow CBSAs: Indianapolis-Carmel-Anderson, Evansville, South Bend-Mishawaka, Fort Wayne, Louisville/Jefferson County, Warsaw, Michigan City-La Porte, Kendallville, Cincinnati, Kokomo, Marion, Madison, Huntington, Angola, Peru, Scottsburg, Logansport, Auburn, Connersville, Wabash

All Yellow Counties: Marion, Lake, Vanderburgh, St. Joseph, Allen, Porter, Johnson, Hendricks, Kosciusko, LaPorte, Clark, Noble, Warrick, Gibson, Howard, Dearborn, Boone, Floyd, Grant, Hancock, Madison, LaGrange, Shelby, Jefferson, Posey, Morgan, Jasper, Perry, Whitley, White, Ripley, Huntington, Steuben, Cass, Scott, Miami, DeKalb, Fayette, Wells, Wabash, Fulton, Sullivan, Ohio, Switzerland, Carroll, Franklin, Crawford, Martin, Union

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 a diagnostic test positivity result above 10%.

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

Note: Top 12 locations are selected based on the highest number of new cases in the last three weeks.

DATA SOURCES

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 7/17/2020; last week is 7/11 - 7/17, three weeks is 6/27 - 7/17.

Testing: CELR (COVID-19 Electronic Lab Reporting) state health department-reported data through 7/15/2020. Last week is 7/9 - 7/15. Testing data may be backfilled over time, resulting in changes week-to-week in testing data. It is critical that states provide as up-to-date testing data as possible.

POLICY RECOMMENDATIONS FOR COUNTIES IN THE RED ZONE

Public Messaging

- Wear a mask at all times outside the home and maintain physical distance
- Limit social gatherings to 10 people or fewer
- Do not go to bars, nightclubs, or gyms
- Use take out or eat outdoors socially distanced
- Protect anyone with serious medical conditions at home by social distancing at home and using high levels of personal hygiene, including handwashing and cleaning surfaces
- Reduce your public interactions and activities to 25% of your normal activity

Public Officials

- Close bars and gyms, and create outdoor dining opportunities with pedestrian areas
- Limit social gatherings to 10 people or fewer
- Institute routine weekly testing of all workers in assisted living and long-term care facilities. Require masks for all staff and prohibit visitors
- Ensure that all business retailers and personal services require masks and can safely social distance
- Increase messaging on the risk of serious disease for individuals in all age groups with preexisting obesity, hypertension, and diabetes mellitus, and recommend to shelter in place
- Work with local community groups to provide targeted, tailored messaging to communities with high case rates, and increase community level testing
- Recruit more contact tracers as community outreach workers to ensure all cases are contacted and all positive households are individually tested within 24 hours
- Provide isolation facilities outside of households if COVID-positive individuals can't quarantine successfully

Testing

- Move to community-led neighborhood testing and work with local community groups to increase access to testing
- Surge testing and contact tracing resources to neighborhoods and zip codes with highest case rates
- **Diagnostic pooling:** Laboratories should use pooling of samples to increase testing access and reduce turnaround times to under 12 hours. Consider pools of 2-3 individuals in high incidence settings and 5:1 pools in setting where test positivity is under 10%
- **Surveillance pooling:** For family and cohabitating households, screen entire households in a single test by pooling specimens of all members into single collection device

POLICY RECOMMENDATIONS FOR COUNTIES IN THE YELLOW ZONE IN ORDER TO PREEMPT EXPONENTIAL COMMUNITY SPREAD

Public Messaging

- Wear a mask at all times outside the home and maintain physical distance
- Limit social gatherings to 25 people or fewer
- Do not go to bars or nightclubs
- Use take out, outdoor dining or indoor dining when strict social distancing can be maintained
- Protect anyone with serious medical conditions at home by social distancing at home and using high levels of personal hygiene
- Reduce your public interactions and activities to 50% of your normal activity

Public Officials

- Limit gyms to 25% occupancy and close bars until percent positive rates are under 3%; create outdoor dining opportunities with pedestrian areas
- Limit social gatherings to 25 people or fewer
- Institute routine weekly testing of all workers in assisted living and long-term care facilities. Require masks for all staff and prohibit visitors
- Ensure that all business retailers and personal services require masks and can safely social distance
- Increase messaging on the risk of serious disease for individuals in all age groups with preexisting obesity, hypertension, and diabetes mellitus, and recommend to shelter in place
- Work with local community groups to provide targeted, tailored messaging to communities with high case rates, and increase community level testing
- Recruit more contact tracers as community outreach workers to ensure all cases are contacted and all positive households are individually tested within 24 hours
- Provide isolation facilities outside of households if COVID-positive individuals can't quarantine successfully

Testing

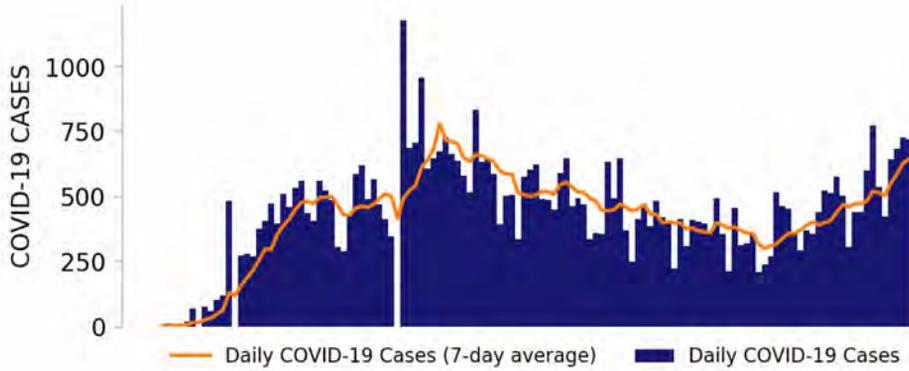
- Move to community-led neighborhood testing and work with local community groups to increase access to testing
- Surge testing and contact tracing resources to neighborhoods and zip codes with highest case rates
- **Diagnostic pooling:** Laboratories should use pooling of samples to increase testing access and reduce turnaround times to under 12 hours. Consider pools of 3-5 individuals
- **Surveillance pooling:** For family and cohabitating households, screen entire households in a single test by pooling specimens of all members into single collection device



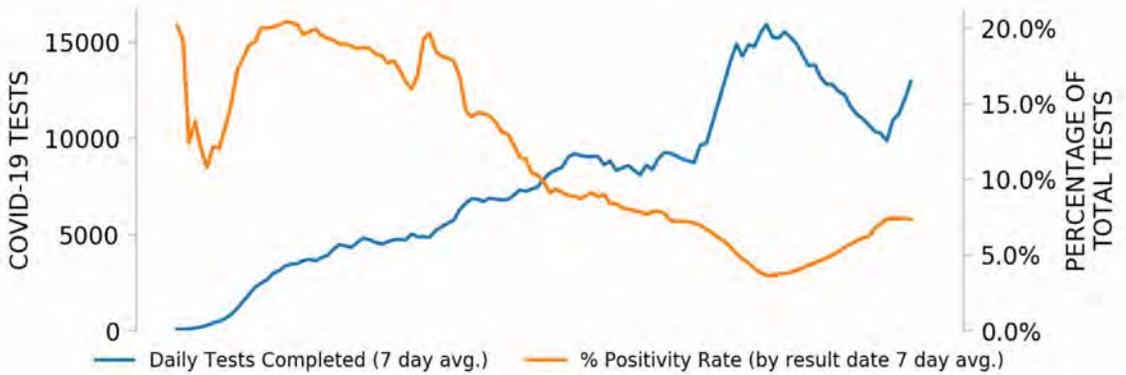
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NEW CASES

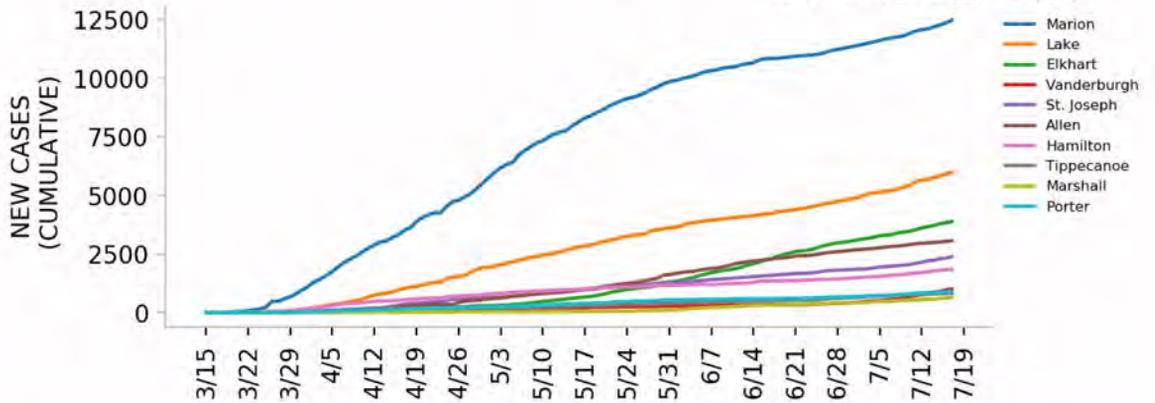


TESTING



Top counties based on greatest number of new cases in last three weeks (6/27 - 7/17)

TOP COUNTIES



DATA SOURCES

Cases: County-level data from USAFacts. 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 7/17/2020.

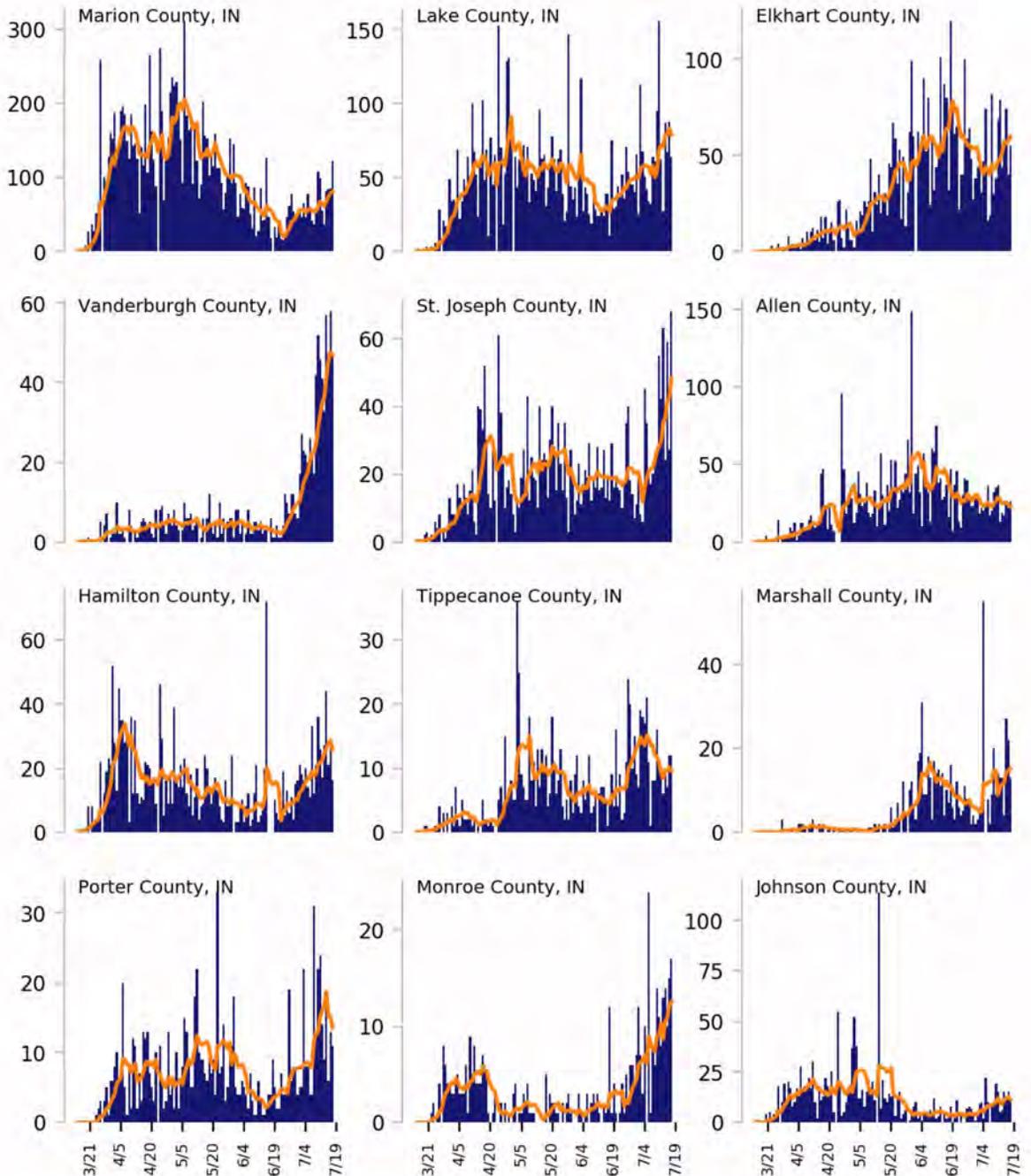
Testing: CELR (COVID-19 Electronic Lab Reporting) state health department-reported data through 7/15/2020.



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



DATA SOURCES

Cases: County-level data from USAFacts through 7/17/2020. Last 3 weeks is 6/27 - 7/17.

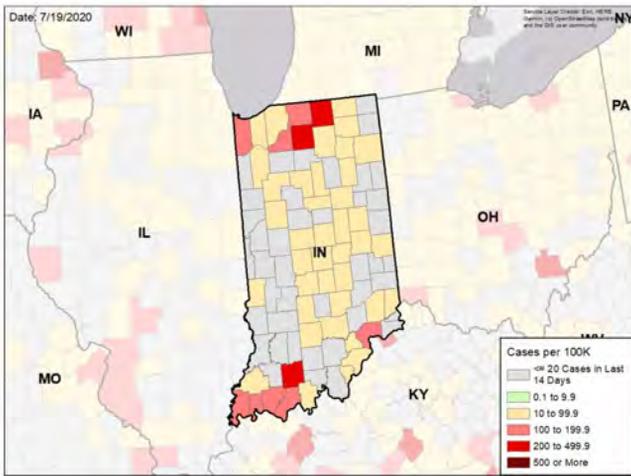


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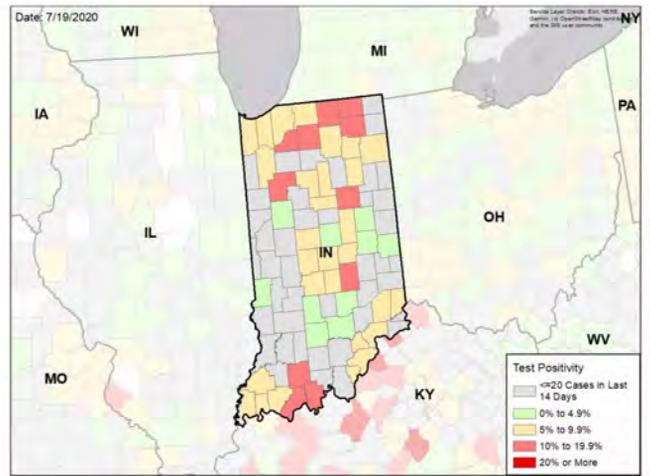
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CASE RATES AND DIAGNOSTIC TEST POSITIVITY DURING THE LAST WEEK

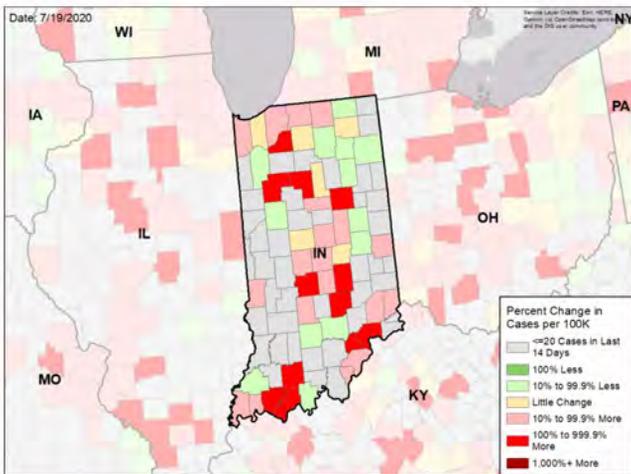
NEW CASES PER 100,000 DURING LAST WEEK



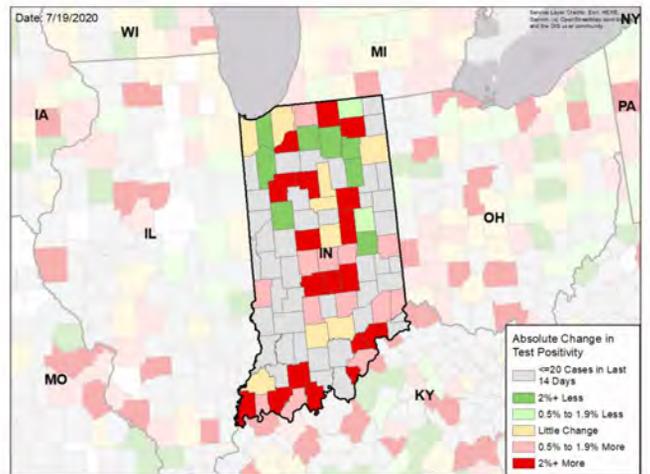
TEST POSITIVITY DURING LAST WEEK



WEEKLY % CHANGE IN NEW CASES PER 100K



WEEKLY CHANGE IN TEST POSITIVITY



DATA SOURCES

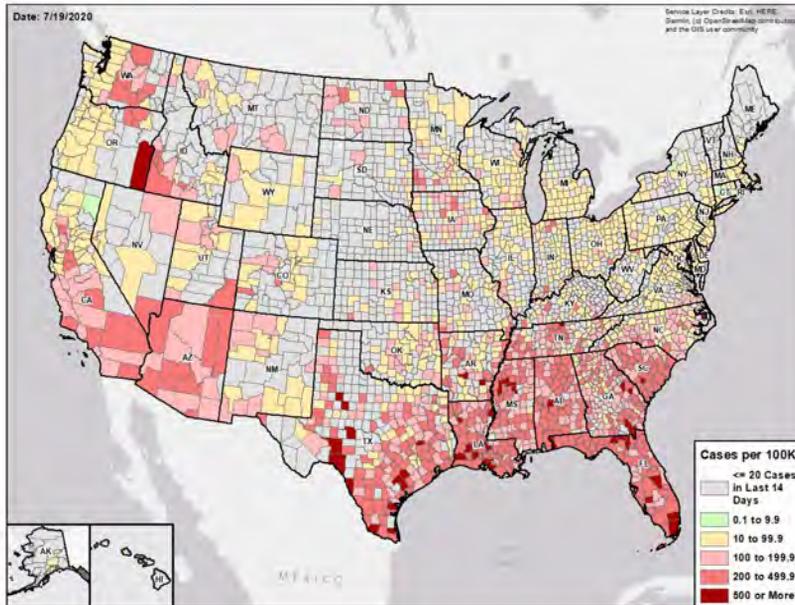
Cases: County-level data from USAFacts through 7/17/2020. Last week is 7/11 - 7/17, previous week is 7/4 - 7/10

Testing: CELR (COVID-19 Electronic Lab Reporting) state health department-reported data through 7/15/2020. Last week is 7/9 - 7/15, previous week is 7/2 - 7/8. Testing data may be backfilled over time, resulting in changes week-to-week in testing data. It is critical that states provide as up-to-date testing data as possible.

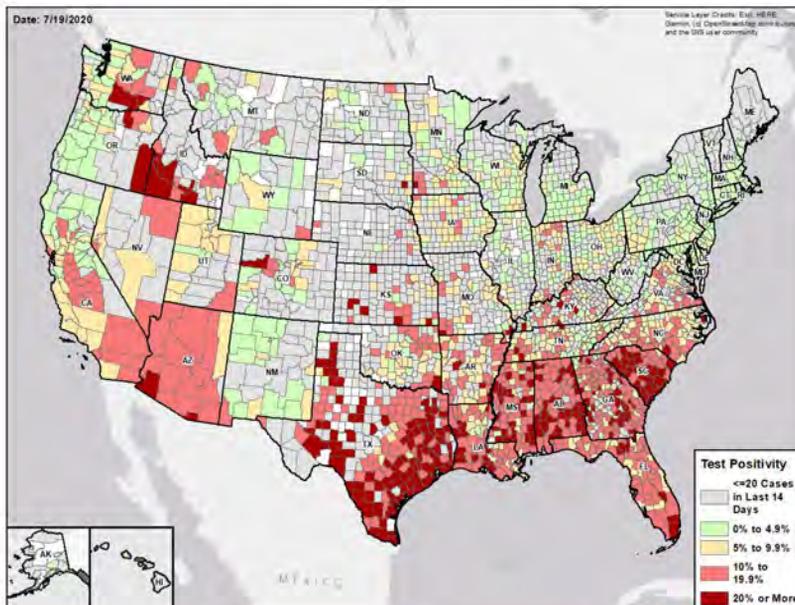


National Picture

NEW CASES PER 100,000 LAST WEEK



TEST POSITIVITY LAST WEEK



DATA SOURCES

Cases: County-level data from USAFacts through 7/17/2020. Last week is 7/11 - 7/17

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 7/15/2020. Last week is 7/9 - 7/15. Testing data may be backfilled over time, resulting in changes week-to-week in testing data. It is critical that states provide as up-to-date testing data as possible.



Methods

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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	<0.5	0.5-2	>2
Percent change in deaths per 100,000 population	<-10%	-10% - 10%	>10%
Skilled Nursing Facilities with at least one COVID-19 case	0%	0.1%-5%	>5%
Change in SNFs with at least one COVID-19 case	<-0.5%	-0.5%-0.5%	>0.5%

DATA NOTES

- Cases and deaths:** County-level data from USAFacts as of 13:00 EDT on 07/18/2020. 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 7/11 to 7/17; previous week data are from 7/4 to 7/10.
- Testing:** CELR (COVID-19 Electronic Lab Reporting) state health department-reported data are used to describe state-level totals when able to be disaggregated from serology test results and to describe county-level 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. Total diagnostic tests are the number of tests performed, not the number of individuals tested. Diagnostic test positivity rate is the number of positive tests divided by the number of tests performed and resulted. Last week data are from 7/9 to 7/15; previous week data are from 7/2 to 7/8. HHS Protect data is recent as of 16:30 EDT on 07/19/2020. Testing data are inclusive of everything received and processed by the CELR system as of 14:00 EDT on 07/19/2020. Testing data may be backfilled over time, resulting in changes week-to-week in testing data. It is critical that states provide as up-to-date testing data as possible.
- 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; 100% represents the baseline mobility level. Data is recent as of 13:00 EDT on 07/18/2020 and through 7/16/2020.
- 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.
- Skilled Nursing Facilities:** National Healthcare Safety Network (NHSN). 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 analysis. Also note that data presented by NHSN is more recent than the data publicly posted by CMS. Therefore, data presented may differ slightly from those publicly posted by CMS.



IOWA

STATE REPORT | 07.19.2020

SUMMARY

- Iowa is in the red zone for cases, indicating more than 100 new cases per 100,000 population last week, and the yellow zone for test positivity, indicating a rate between 5% to 10%.
- Iowa has seen stability in new cases and stability in testing positivity over the past week.
- The following three counties had the highest number of new cases over the past 3 weeks: 1. Polk County, 2. Scott County, and 3. Black Hawk County. These counties represent 36.5 percent of new cases in Iowa.
- Iowa had 116 new cases per 100,000 population in the past week, compared to a national average of 140 per 100,000.
- During Jul 15 - Jul 17, on average, 25 patients with confirmed COVID-19 and 25 patients with suspected COVID-19 were reported as newly admitted each day to hospitals in Iowa. An average of 72 percent of hospitals reported 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

- Continue to promote social distancing and wearing of cloth face masks when outside the home.
- Protect those in nursing homes and long-term care facilities by testing all staff each week and requiring staff to wear face masks while on duty.
- Continue to aggressively investigate outbreaks early, especially in localities with increasing transmission and large populations. Intensify contact tracing, quarantine of contacts and isolation for documented or suspected cases.
- Meatpacking plants and other crowded workplaces should institute social distancing and implement clear protocols for early and thorough case investigations and contact tracing.
- Move to community-led testing in localities with elevated or increasing transmission; consider pooled testing as directed below to increase access and reduce turnaround times.
- In localities with 7-day average test positivity greater than 10%, close bars and gyms, require strict social distancing in restaurants (restrict indoor dining and promote outdoor dining) and restrict gatherings to fewer than 10 people.
- Specific, detailed guidance on community mitigation measures can be found on the [CDC website](#).

The purpose of this report is to develop a shared understanding of the current status of the pandemic at the national, regional, state and local levels. We recognize that data at the state level may differ from that available at the federal level. Our objective is to use consistent data sources and methods that allow for comparisons to be made across localities. We appreciate your continued support in identifying data discrepancies and improving data completeness and sharing across systems. We look forward to your feedback.

** This figure may differ from state data due to differences in hospital lists between federal and state systems or inclusion of hospitals that are not admitting COVID-19 patients. We are working to incorporate feedback on an ongoing basis to update these figures. These data exclude psychiatric, rehabilitation, and religious non-medical hospitals.*



COVID-19

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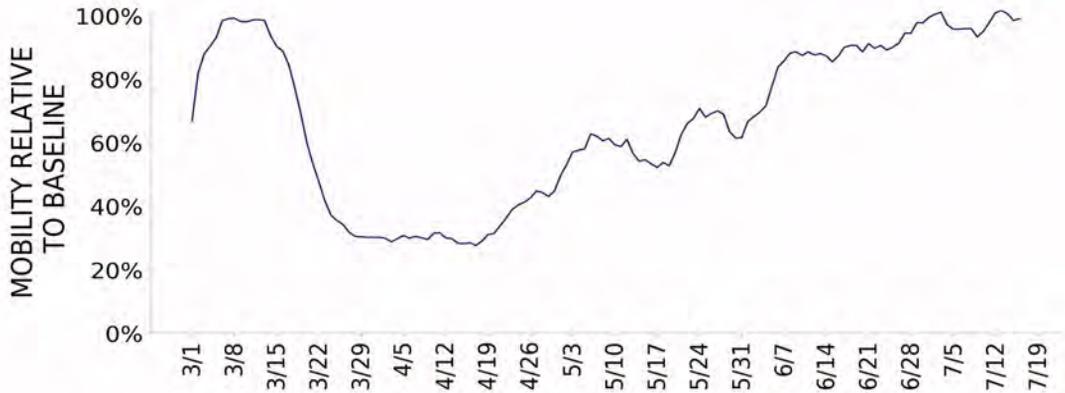


IOWA

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	STATE, LAST WEEK	STATE, % CHANGE FROM PREVIOUS WEEK	FEMA/HHS REGION, LAST WEEK	UNITED STATES, LAST WEEK
NEW CASES (RATE PER 100,000)	3,659 (116)	+0.2%	13,119 (93)	460,366 (140)
DIAGNOSTIC TEST POSITIVITY RATE	7.2%	+0.5%*	7.9%	9.1%
TOTAL DIAGNOSTIC TESTS (TESTS PER 100,000)	63,769 (2,021)	+10.1%	191,556 (1,355)	4,940,998 (1,505)
COVID DEATHS (RATE PER 100,000)	39 (1)	+69.6%	137 (1)	5,122 (2)
SNFs WITH AT LEAST ONE COVID-19 CASE	3.8%	-0.4%	4.0%	10.0%

MOBILITY



* Indicates absolute change in percentage points

DATA SOURCES

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 7/17/2020; last week is 7/11 - 7/17, previous week is 7/4 - 7/10.

Testing: State-level values calculated by using 7-day rolling averages of reported tests. Regional- and national-level values calculated by using a 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 7/15/2020. Last week is 7/9 - 7/15, previous week is 7/2 - 7/8. Testing data are inclusive of everything received and processed by the CELR system as of 14:00 EDT on 07/19/2020. Some dates may be incomplete due to delays in reporting. Testing data may be backfilled over time, resulting in changes week-to-week in testing data. It is critical that states provide as up-to-date testing data as possible.

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; 100% represents the baseline mobility level. Data is anonymized and provided at the county level. Data through 7/16/2020.

SNFs: Skilled nursing facilities. National Healthcare Safety Network. Last week is 7/6-7/12, previous week is 6/29-7/5.



IOWA

STATE REPORT | 07.19.2020

LOCALITIES IN RED ZONE

LOCALITIES IN YELLOW ZONE

METRO AREA (CBSA) LAST WEEK

3

Mason City
Fort Dodge
Marshalltown

COUNTY LAST WEEK

7

Webster
Cerro Gordo
Marshall
Jasper
Mitchell
Lyon
Worth

14

Top 12 shown (full list below)

Des Moines-West Des Moines
Waterloo-Cedar Falls
Davenport-Moline-Rock Island
Iowa City
Dubuque
Ames
Sioux City
Omaha-Council Bluffs
Muscatine
Spirit Lake
Clinton
Storm Lake

47

Top 12 shown (full list below)

Polk
Scott
Black Hawk
Johnson
Dubuque
Dallas
Story
Woodbury
Pottawattamie
Warren
Muscatine
Dickinson

All Yellow CBSAs: Des Moines-West Des Moines, Waterloo-Cedar Falls, Davenport-Moline-Rock Island, Iowa City, Dubuque, Ames, Sioux City, Omaha-Council Bluffs, Muscatine, Spirit Lake, Clinton, Storm Lake, Carroll, Pella

All Yellow Counties: Polk, Scott, Black Hawk, Johnson, Dubuque, Dallas, Story, Woodbury, Pottawattamie, Warren, Muscatine, Dickinson, Plymouth, Sioux, Clinton, Buena Vista, Tama, Jackson, Pocahontas, Wright, Franklin, Carroll, Boone, Bremer, Marion, Hardin, Clarke, Union, Winnebago, Cedar, Palo Alto, Calhoun, Kossuth, Floyd, Hancock, Madison, Guthrie, Winneshiek, Shelby, Osceola, Harrison, Appanoose, Montgomery, Fremont, Monroe, Decatur, Audubon

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 a diagnostic test positivity result above 10%.

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

Note: Top 12 locations are selected based on the highest number of new cases in the last three weeks.

DATA SOURCES

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 7/17/2020; last week is 7/11 - 7/17, three weeks is 6/27 - 7/17.

Testing: CELR (COVID-19 Electronic Lab Reporting) state health department-reported data through 7/15/2020. Last week is 7/9 - 7/15. Testing data may be backfilled over time, resulting in changes week-to-week in testing data. It is critical that states provide as up-to-date testing data as possible.

POLICY RECOMMENDATIONS FOR COUNTIES IN THE RED ZONE

Public Messaging

- Wear a mask at all times outside the home and maintain physical distance
- Limit social gatherings to 10 people or fewer
- Do not go to bars, nightclubs, or gyms
- Use take out or eat outdoors socially distanced
- Protect anyone with serious medical conditions at home by social distancing at home and using high levels of personal hygiene, including handwashing and cleaning surfaces
- Reduce your public interactions and activities to 25% of your normal activity

Public Officials

- Close bars and gyms, and create outdoor dining opportunities with pedestrian areas
- Limit social gatherings to 10 people or fewer
- Institute routine weekly testing of all workers in assisted living and long-term care facilities. Require masks for all staff and prohibit visitors
- Ensure that all business retailers and personal services require masks and can safely social distance
- Increase messaging on the risk of serious disease for individuals in all age groups with preexisting obesity, hypertension, and diabetes mellitus, and recommend to shelter in place
- Work with local community groups to provide targeted, tailored messaging to communities with high case rates, and increase community level testing
- Recruit more contact tracers as community outreach workers to ensure all cases are contacted and all positive households are individually tested within 24 hours
- Provide isolation facilities outside of households if COVID-positive individuals can't quarantine successfully

Testing

- Move to community-led neighborhood testing and work with local community groups to increase access to testing
- Surge testing and contact tracing resources to neighborhoods and zip codes with highest case rates
- **Diagnostic pooling:** Laboratories should use pooling of samples to increase testing access and reduce turnaround times to under 12 hours. Consider pools of 2-3 individuals in high incidence settings and 5:1 pools in setting where test positivity is under 10%
- **Surveillance pooling:** For family and cohabitating households, screen entire households in a single test by pooling specimens of all members into single collection device

POLICY RECOMMENDATIONS FOR COUNTIES IN THE YELLOW ZONE IN ORDER TO PREEMPT EXPONENTIAL COMMUNITY SPREAD

Public Messaging

- Wear a mask at all times outside the home and maintain physical distance
- Limit social gatherings to 25 people or fewer
- Do not go to bars or nightclubs
- Use take out, outdoor dining or indoor dining when strict social distancing can be maintained
- Protect anyone with serious medical conditions at home by social distancing at home and using high levels of personal hygiene
- Reduce your public interactions and activities to 50% of your normal activity

Public Officials

- Limit gyms to 25% occupancy and close bars until percent positive rates are under 3%; create outdoor dining opportunities with pedestrian areas
- Limit social gatherings to 25 people or fewer
- Institute routine weekly testing of all workers in assisted living and long-term care facilities. Require masks for all staff and prohibit visitors
- Ensure that all business retailers and personal services require masks and can safely social distance
- Increase messaging on the risk of serious disease for individuals in all age groups with preexisting obesity, hypertension, and diabetes mellitus, and recommend to shelter in place
- Work with local community groups to provide targeted, tailored messaging to communities with high case rates, and increase community level testing
- Recruit more contact tracers as community outreach workers to ensure all cases are contacted and all positive households are individually tested within 24 hours
- Provide isolation facilities outside of households if COVID-positive individuals can't quarantine successfully

Testing

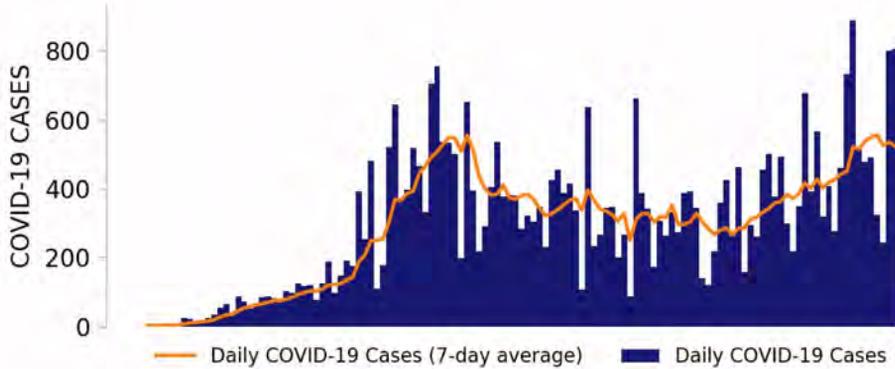
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- Surge testing and contact tracing resources to neighborhoods and zip codes with highest case rates
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- **Surveillance pooling:** For family and cohabitating households, screen entire households in a single test by pooling specimens of all members into single collection device



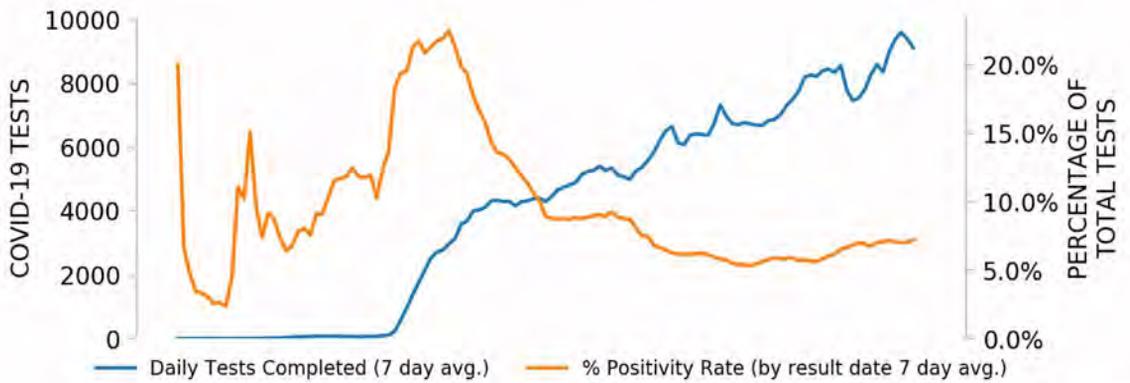
IOWA

STATE REPORT | 07.19.2020

NEW CASES

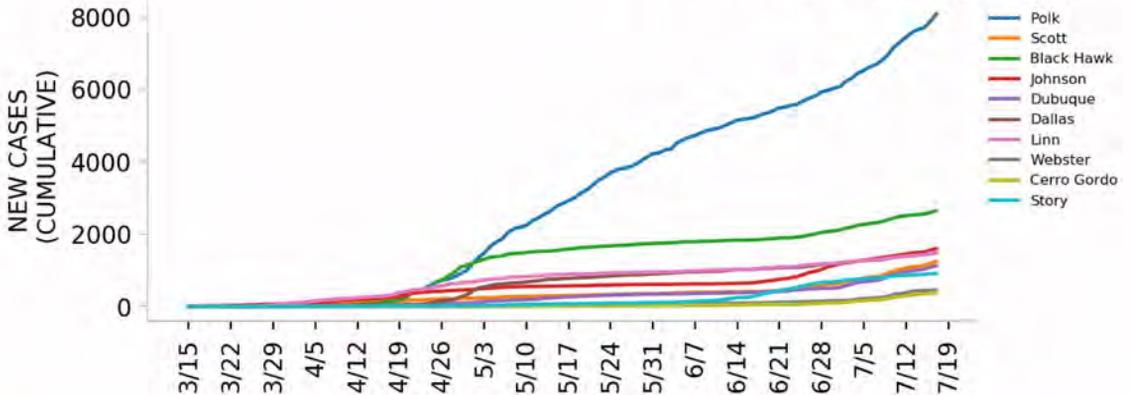


TESTING



Top counties based on greatest number of new cases in last three weeks (6/27 - 7/17)

TOP COUNTIES



DATA SOURCES

Cases: County-level data from USAFacts. 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 7/17/2020.

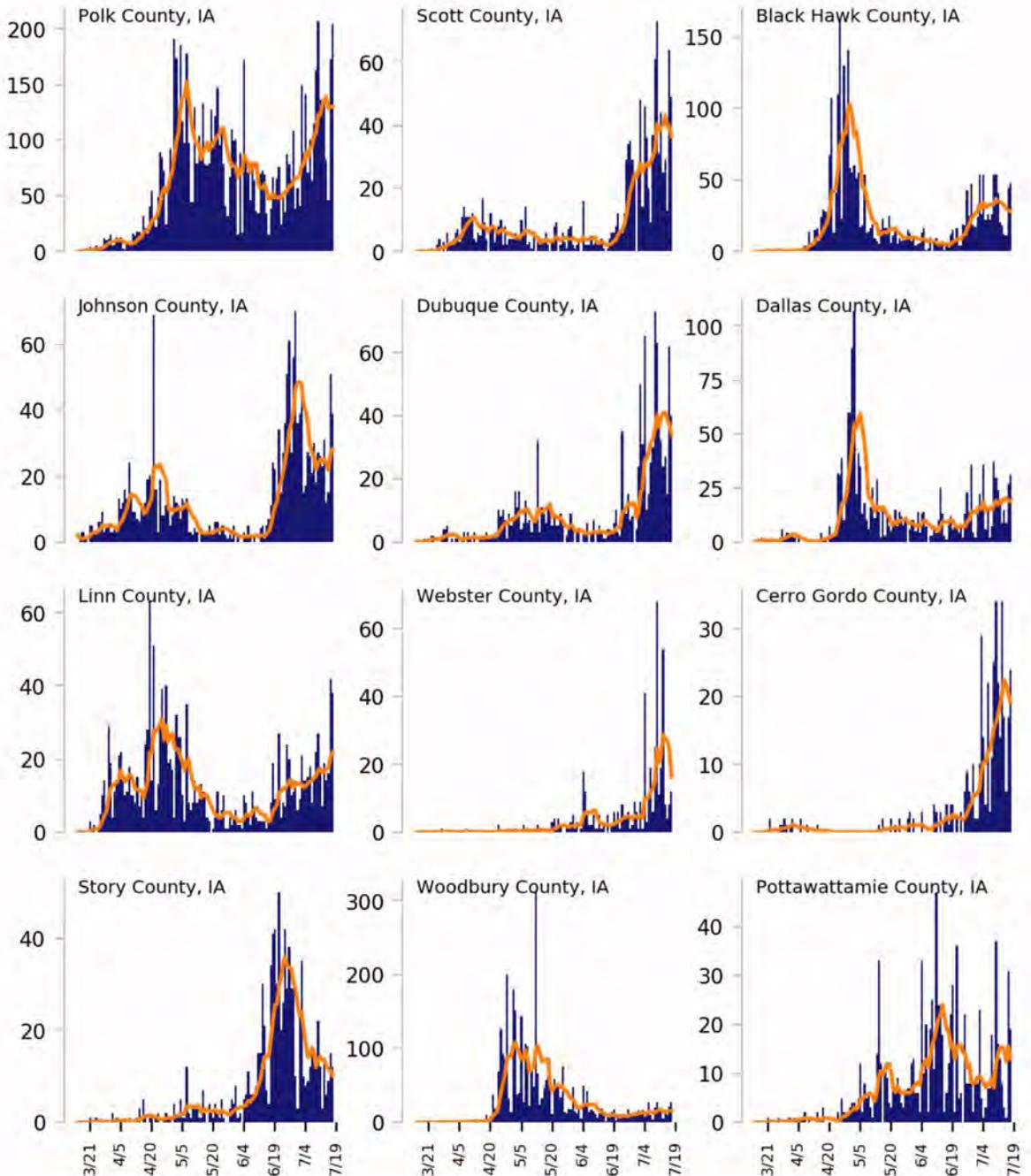
Testing: CELR (COVID-19 Electronic Lab Reporting) state health department-reported data through 7/15/2020.



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



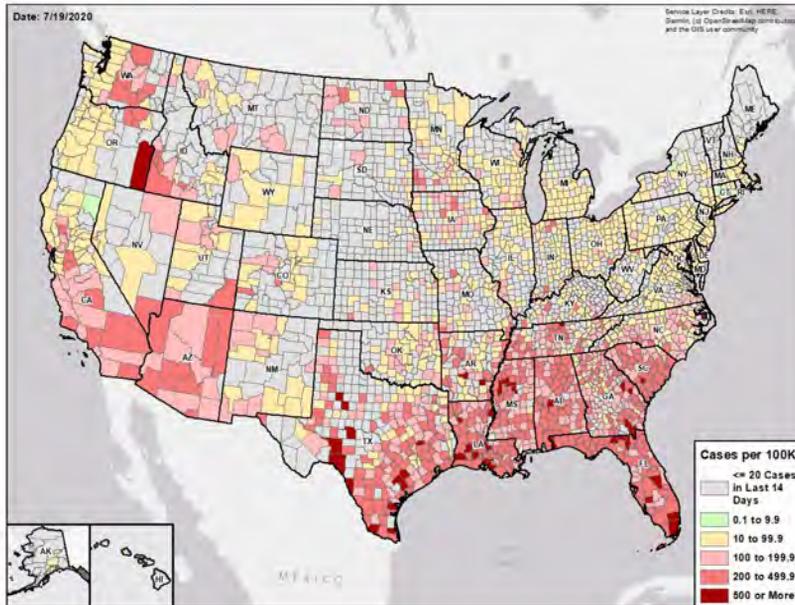
DATA SOURCES

Cases: County-level data from USAFacts through 7/17/2020. Last 3 weeks is 6/27 - 7/17.

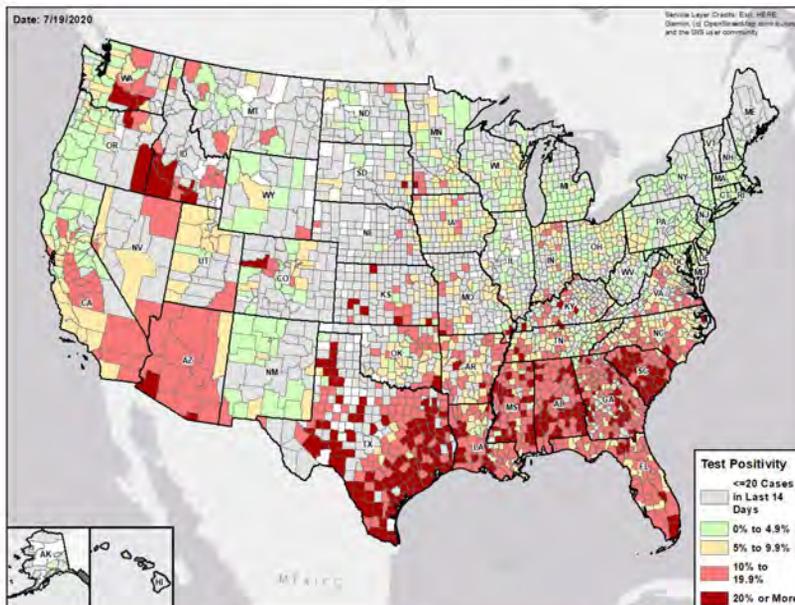


National Picture

NEW CASES PER 100,000 LAST WEEK



TEST POSITIVITY LAST WEEK



DATA SOURCES

Cases: County-level data from USAFacts through 7/17/2020. Last week is 7/11 - 7/17

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 7/15/2020. Last week is 7/9 - 7/15. Testing data may be backfilled over time, resulting in changes week-to-week in testing data. It is critical that states provide as up-to-date testing data as possible.



Methods

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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	<0.5	0.5-2	>2
Percent change in deaths per 100,000 population	<-10%	-10% - 10%	>10%
Skilled Nursing Facilities with at least one COVID-19 case	0%	0.1%-5%	>5%
Change in SNFs with at least one COVID-19 case	<-0.5%	-0.5%-0.5%	>0.5%

DATA NOTES

- Cases and deaths:** County-level data from USAFacts as of 13:00 EDT on 07/18/2020. 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 7/11 to 7/17; previous week data are from 7/4 to 7/10.
- Testing:** CELR (COVID-19 Electronic Lab Reporting) state health department-reported data are used to describe state-level totals when able to be disaggregated from serology test results and to describe county-level 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. Total diagnostic tests are the number of tests performed, not the number of individuals tested. Diagnostic test positivity rate is the number of positive tests divided by the number of tests performed and resulted. Last week data are from 7/9 to 7/15; previous week data are from 7/2 to 7/8. HHS Protect data is recent as of 16:30 EDT on 07/19/2020. Testing data are inclusive of everything received and processed by the CELR system as of 14:00 EDT on 07/19/2020. Testing data may be backfilled over time, resulting in changes week-to-week in testing data. It is critical that states provide as up-to-date testing data as possible.
- 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; 100% represents the baseline mobility level. Data is recent as of 13:00 EDT on 07/18/2020 and through 7/16/2020.
- 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.
- Skilled Nursing Facilities:** National Healthcare Safety Network (NHSN). 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 analysis. Also note that data presented by NHSN is more recent than the data publicly posted by CMS. Therefore, data presented may differ slightly from those publicly posted by CMS.



KANSAS

STATE REPORT | 07.19.2020

SUMMARY

- Kansas is in the red zone for cases, indicating more than 100 new cases per 100,000 population last week, and the yellow zone for test positivity, indicating a rate between 5% to 10%.
- Kansas has seen stability in new cases and stability in testing positivity over the past week.
- The following three counties had the highest number of new cases over the past 3 weeks: 1. Johnson County, 2. Sedgwick County, and 3. Wyandotte County. These counties represent 61.4 percent of new cases in Kansas.
- Kansas had 114 new cases per 100,000 population in the past week, compared to a national average of 140 per 100,000.
- The federal government has deployed the following staff as assets to support the state response: 1 to support operations activities from FEMA and 5 to support operations activities from ASPR.
- During Jul 15 - Jul 17, on average, 44 patients with confirmed COVID-19 and 99 patients with suspected COVID-19 were reported as newly admitted each day to hospitals in Kansas. An average of 62 percent of hospitals reported 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

- Continue state masking mandate. Communicate with counties that have opted out of requiring masks regarding the public health benefits and regarding the risks if cases continue to rise of decreased business activity and difficulties with opening school operations.
- Close all bars in counties with rising test percent positivity, increase outdoor dining opportunities, decrease indoor dining to 25%, and limit social gatherings to 10 or fewer people.
- Continue the scale-up of testing, moving to community-led neighborhood testing and working with local community groups to increase household testing of multigenerational households with clear guidance on test positive isolation procedures and mask use.
- Increase messaging of the risk of serious disease in all age groups with preexisting medical conditions, including obesity, hypertension and diabetes mellitus.
- Expand testing capacity in Public Health labs, adding shifts and weekend shifts to decrease turnaround times.
- Work with university students to identify and disseminate messaging that resonates with students.
- Protect those in nursing homes and long-term care facilities by assuring access to rapid facility-wide testing in response to a resident or staff member with COVID-19. Address staff and supply shortages. Ensure social distancing and universal facemask use.
- Specific, detailed guidance on community mitigation measures can be found on the [CDC website](#).

The purpose of this report is to develop a shared understanding of the current status of the pandemic at the national, regional, state and local levels. We recognize that data at the state level may differ from that available at the federal level. Our objective is to use consistent data sources and methods that allow for comparisons to be made across localities. We appreciate your continued support in identifying data discrepancies and improving data completeness and sharing across systems. We look forward to your feedback.

** This figure may differ from state data due to differences in hospital lists between federal and state systems or inclusion of hospitals that are not admitting COVID-19 patients. We are working to incorporate feedback on an ongoing basis to update these figures. These data exclude psychiatric, rehabilitation, and religious non-medical hospitals.*



COVID-19

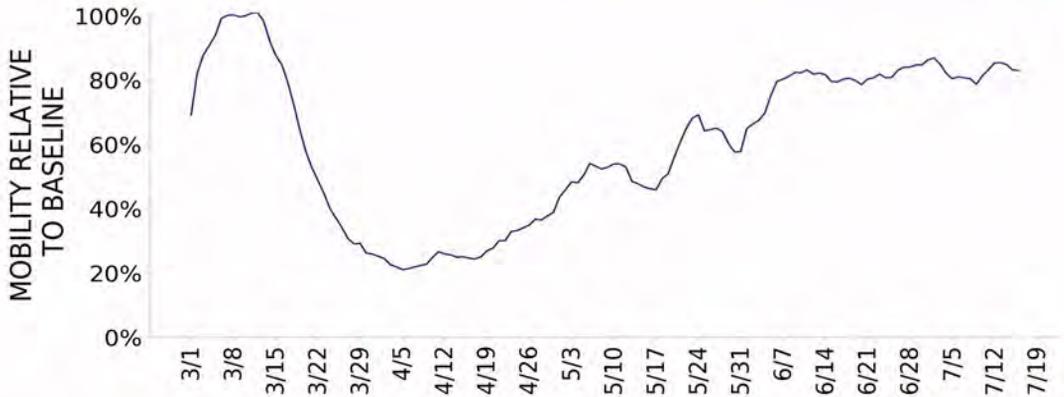


KANSAS

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	STATE, LAST WEEK	STATE, % CHANGE FROM PREVIOUS WEEK	FEMA/HHS REGION, LAST WEEK	UNITED STATES, LAST WEEK
NEW CASES (RATE PER 100,000)	3,313 (114)	-8.6%	13,119 (93)	460,366 (140)
DIAGNOSTIC TEST POSITIVITY RATE	9.7%	-0.3%*	7.9%	9.1%
TOTAL DIAGNOSTIC TESTS (TESTS PER 100,000)	32,359 (1,111)	-15.0%	191,556 (1,355)	4,940,998 (1,505)
COVID DEATHS (RATE PER 100,000)	17 (1)	+21.4%	137 (1)	5,122 (2)
SNFs WITH AT LEAST ONE COVID-19 CASE	2.5%	-0.1%	4.0%	10.0%

MOBILITY



* Indicates absolute change in percentage points

DATA SOURCES

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 7/17/2020; last week is 7/11 - 7/17, previous week is 7/4 - 7/10.

Testing: State-level values calculated by using 7-day rolling averages of reported tests. Regional- and national-level values calculated by using a 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 7/15/2020. Last week is 7/9 - 7/15, previous week is 7/2 - 7/8. Testing data are inclusive of everything received and processed by the CELR system as of 14:00 EDT on 07/19/2020. Some dates may be incomplete due to delays in reporting. Testing data may be backfilled over time, resulting in changes week-to-week in testing data. It is critical that states provide as up-to-date testing data as possible.

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; 100% represents the baseline mobility level. Data is anonymized and provided at the county level. Data through 7/16/2020.

SNFs: Skilled nursing facilities. National Healthcare Safety Network. Last week is 7/6-7/12, previous week is 6/29-7/5.



KANSAS

STATE REPORT | 07.19.2020

LOCALITIES IN RED ZONE

LOCALITIES IN YELLOW ZONE

METRO AREA (CBSA) LAST WEEK

4

Wichita
Salina
Liberal
Parsons

14

Top 12 shown (full list below)

Kansas City
Topeka
Lawrence
Manhattan
Hutchinson
Pittsburg
Dodge City
Emporia
Garden City
Hays
Coffeyville
Ottawa

COUNTY LAST WEEK

19

Top 12 shown (full list below)

Sedgwick
Wyandotte
Saline
Seward
Sumner
Phillips
Labette
Grant
Anderson
Norton
Ottawa
Mitchell

43

Top 12 shown (full list below)

Johnson
Shawnee
Douglas
Riley
Leavenworth
Geary
Crawford
Reno
Harvey
Butler
Ford
Lyon

All Yellow CBSAs: Kansas City, Topeka, Lawrence, Manhattan, Hutchinson, Pittsburg, Dodge City, Emporia, Garden City, Hays, Coffeyville, Ottawa, Winfield, Atchison

All Red Counties: Sedgwick, Wyandotte, Saline, Seward, Sumner, Phillips, Labette, Grant, Norton, Anderson, Ottawa, Mitchell, Gray, Stevens, Hamilton, Kearny, Decatur, Clark, Greeley

All Yellow Counties: Johnson, Shawnee, Douglas, Riley, Leavenworth, Geary, Reno, Crawford, Harvey, Butler, Ford, Lyon, Finney, Ellis, Miami, Montgomery, Pottawatomie, Franklin, Cowley, Bourbon, Neosho, Atchison, Pratt, Marion, Dickinson, Brown, Haskell, Rice, Graham, Linn, Coffey, Lincoln, Pawnee, Thomas, Russell, Wilson, Scott, Harper, Chase, Trego, Kiowa, Ness, Jewell

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 a diagnostic test positivity result above 10%.

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

Note: Top 12 locations are selected based on the highest number of new cases in the last three weeks.

DATA SOURCES

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 7/17/2020; last week is 7/11 - 7/17, three weeks is 6/27 - 7/17.

Testing: CELR (COVID-19 Electronic Lab Reporting) state health department-reported data through 7/15/2020. Last week is 7/9 - 7/15. Testing data may be backfilled over time, resulting in changes week-to-week in testing data. It is critical that states provide as up-to-date testing data as possible.

POLICY RECOMMENDATIONS FOR COUNTIES IN THE RED ZONE

Public Messaging

- Wear a mask at all times outside the home and maintain physical distance
- Limit social gatherings to 10 people or fewer
- Do not go to bars, nightclubs, or gyms
- Use take out or eat outdoors socially distanced
- Protect anyone with serious medical conditions at home by social distancing at home and using high levels of personal hygiene, including handwashing and cleaning surfaces
- Reduce your public interactions and activities to 25% of your normal activity

Public Officials

- Close bars and gyms, and create outdoor dining opportunities with pedestrian areas
- Limit social gatherings to 10 people or fewer
- Institute routine weekly testing of all workers in assisted living and long-term care facilities. Require masks for all staff and prohibit visitors
- Ensure that all business retailers and personal services require masks and can safely social distance
- Increase messaging on the risk of serious disease for individuals in all age groups with preexisting obesity, hypertension, and diabetes mellitus, and recommend to shelter in place
- Work with local community groups to provide targeted, tailored messaging to communities with high case rates, and increase community level testing
- Recruit more contact tracers as community outreach workers to ensure all cases are contacted and all positive households are individually tested within 24 hours
- Provide isolation facilities outside of households if COVID-positive individuals can't quarantine successfully

Testing

- Move to community-led neighborhood testing and work with local community groups to increase access to testing
- Surge testing and contact tracing resources to neighborhoods and zip codes with highest case rates
- **Diagnostic pooling:** Laboratories should use pooling of samples to increase testing access and reduce turnaround times to under 12 hours. Consider pools of 2-3 individuals in high incidence settings and 5:1 pools in setting where test positivity is under 10%
- **Surveillance pooling:** For family and cohabitating households, screen entire households in a single test by pooling specimens of all members into single collection device

POLICY RECOMMENDATIONS FOR COUNTIES IN THE YELLOW ZONE IN ORDER TO PREEMPT EXPONENTIAL COMMUNITY SPREAD

Public Messaging

- Wear a mask at all times outside the home and maintain physical distance
- Limit social gatherings to 25 people or fewer
- Do not go to bars or nightclubs
- Use take out, outdoor dining or indoor dining when strict social distancing can be maintained
- Protect anyone with serious medical conditions at home by social distancing at home and using high levels of personal hygiene
- Reduce your public interactions and activities to 50% of your normal activity

Public Officials

- Limit gyms to 25% occupancy and close bars until percent positive rates are under 3%; create outdoor dining opportunities with pedestrian areas
- Limit social gatherings to 25 people or fewer
- Institute routine weekly testing of all workers in assisted living and long-term care facilities. Require masks for all staff and prohibit visitors
- Ensure that all business retailers and personal services require masks and can safely social distance
- Increase messaging on the risk of serious disease for individuals in all age groups with preexisting obesity, hypertension, and diabetes mellitus, and recommend to shelter in place
- Work with local community groups to provide targeted, tailored messaging to communities with high case rates, and increase community level testing
- Recruit more contact tracers as community outreach workers to ensure all cases are contacted and all positive households are individually tested within 24 hours
- Provide isolation facilities outside of households if COVID-positive individuals can't quarantine successfully

Testing

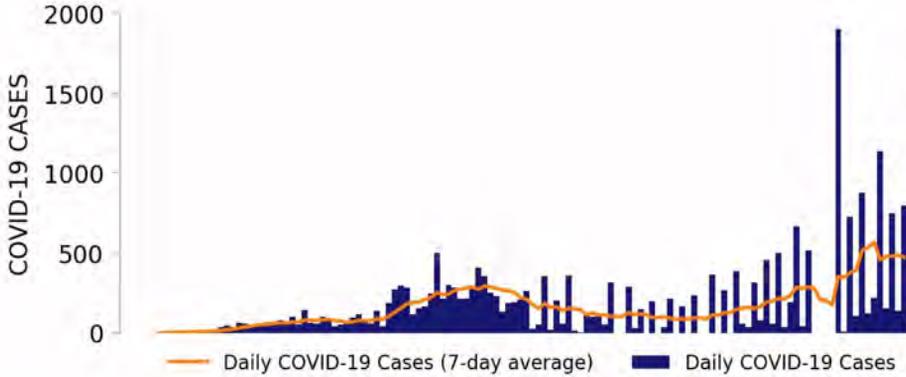
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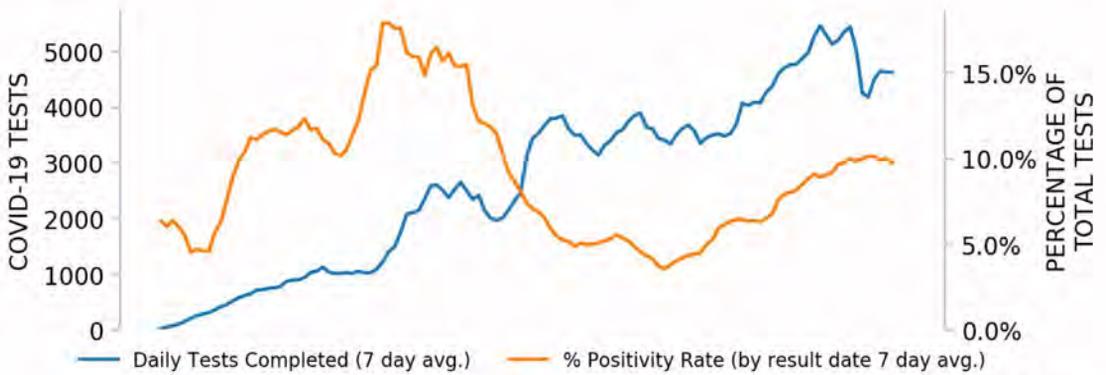
KANSAS

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NEW CASES

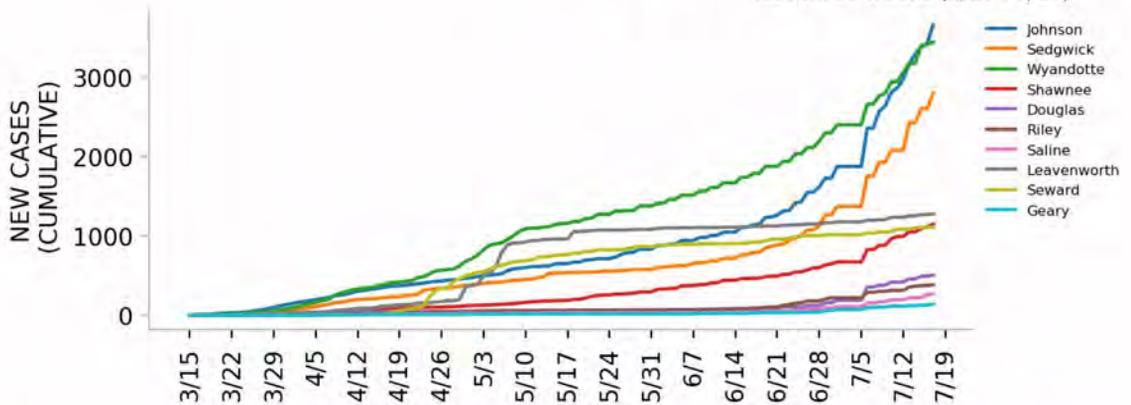


TESTING



Top counties based on greatest number of new cases in last three weeks (6/27 - 7/17)

TOP COUNTIES



DATA SOURCES

Cases: County-level data from USAFacts. 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 7/17/2020.

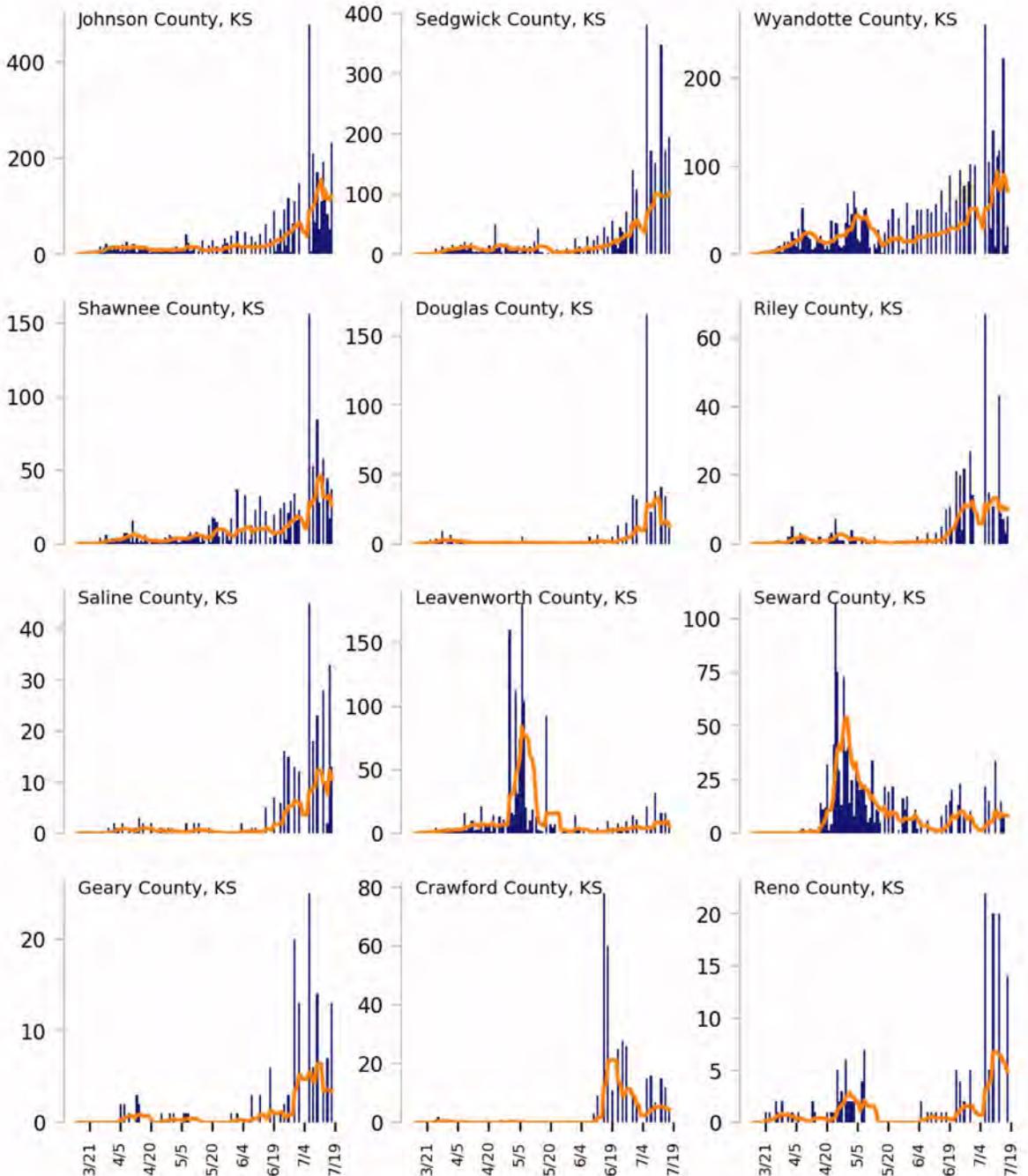
Testing: CELR (COVID-19 Electronic Lab Reporting) state health department-reported data through 7/15/2020.



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



DATA SOURCES

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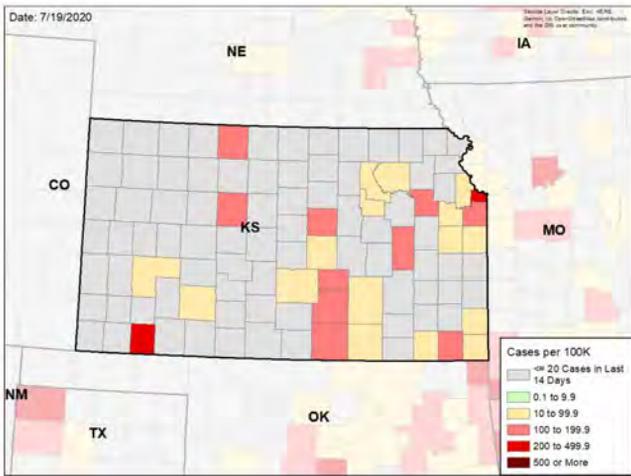


KANSAS

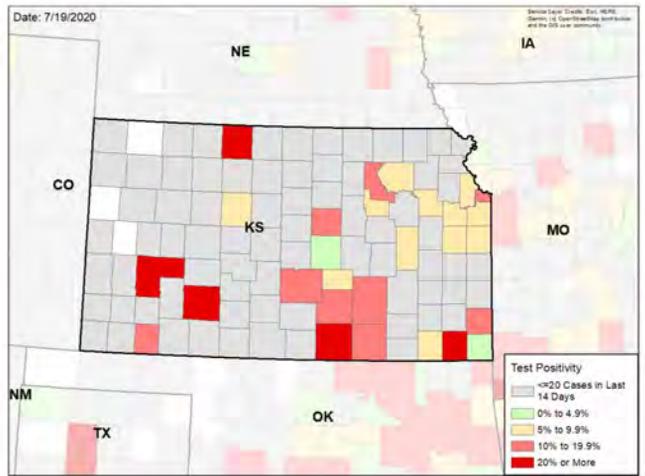
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CASE RATES AND DIAGNOSTIC TEST POSITIVITY DURING THE LAST WEEK

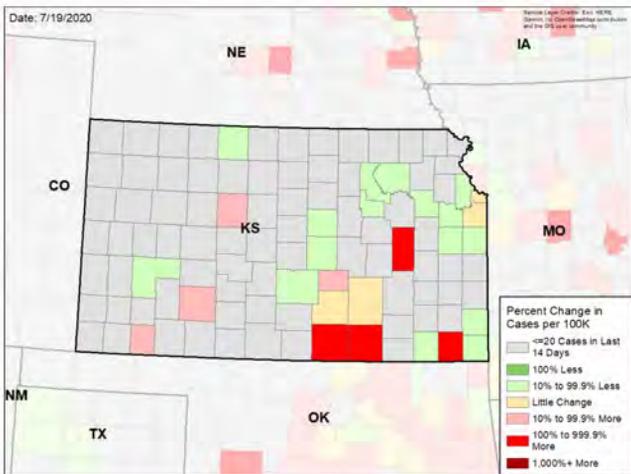
NEW CASES PER 100,000 DURING LAST WEEK



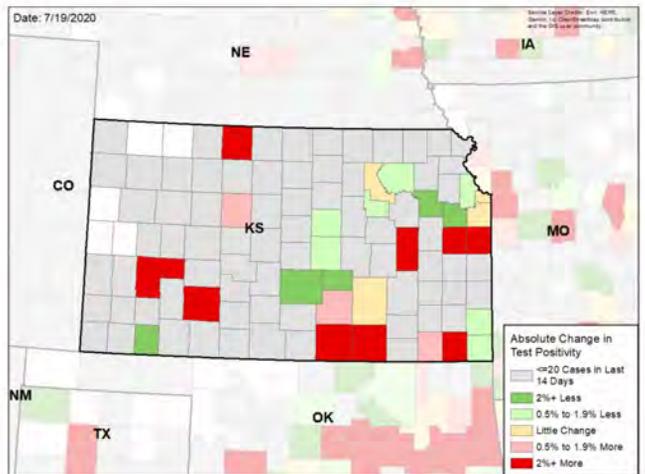
TEST POSITIVITY DURING LAST WEEK



WEEKLY % CHANGE IN NEW CASES PER 100K



WEEKLY CHANGE IN TEST POSITIVITY



DATA SOURCES

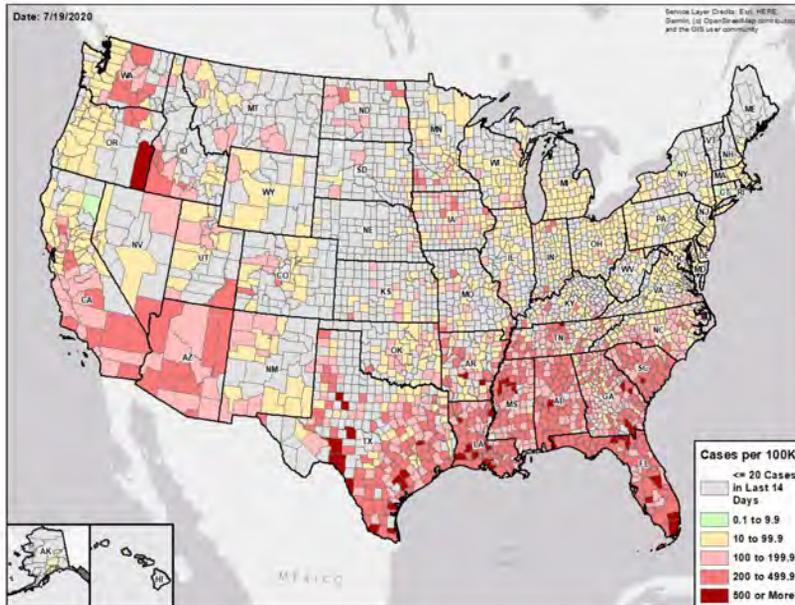
Cases: County-level data from USAFacts through 7/17/2020. Last week is 7/11 - 7/17, previous week is 7/4 - 7/10

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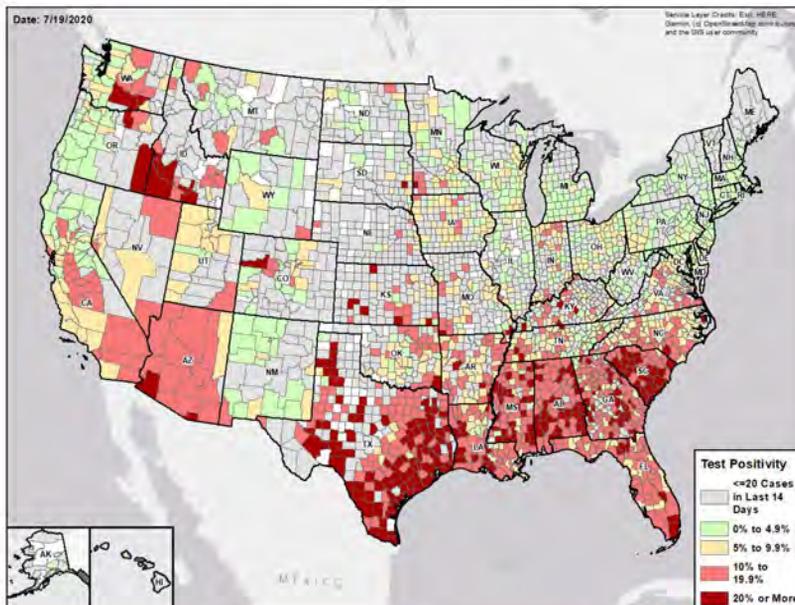


National Picture

NEW CASES PER 100,000 LAST WEEK



TEST POSITIVITY LAST WEEK



DATA SOURCES

Cases: County-level data from USAFacts through 7/17/2020. Last week is 7/11 - 7/17

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Methods

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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	<0.5	0.5-2	>2
Percent change in deaths per 100,000 population	<-10%	-10% - 10%	>10%
Skilled Nursing Facilities with at least one COVID-19 case	0%	0.1%-5%	>5%
Change in SNFs with at least one COVID-19 case	<-0.5%	-0.5%-0.5%	>0.5%

DATA NOTES

- Cases and deaths:** County-level data from USAFacts as of 13:00 EDT on 07/18/2020. 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 7/11 to 7/17; previous week data are from 7/4 to 7/10.
- Testing:** CELR (COVID-19 Electronic Lab Reporting) state health department-reported data are used to describe state-level totals when able to be disaggregated from serology test results and to describe county-level 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. Total diagnostic tests are the number of tests performed, not the number of individuals tested. Diagnostic test positivity rate is the number of positive tests divided by the number of tests performed and resulted. Last week data are from 7/9 to 7/15; previous week data are from 7/2 to 7/8. HHS Protect data is recent as of 16:30 EDT on 07/19/2020. Testing data are inclusive of everything received and processed by the CELR system as of 14:00 EDT on 07/19/2020. Testing data may be backfilled over time, resulting in changes week-to-week in testing data. It is critical that states provide as up-to-date testing data as possible.
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KENTUCKY

STATE REPORT | 07.19.2020

SUMMARY

- Kentucky is in the yellow zone for cases, indicating between 10 to 100 new cases per 100,000 population last week, and the yellow zone for test positivity, indicating a rate between 5% to 10%.
- Kentucky has seen an increase in new cases and an increase in testing positivity over the past week.
- The following three counties had the highest number of new cases over the past 3 weeks: 1. Jefferson County, 2. Fayette County, and 3. Warren County. These counties represent 33.0 percent of new cases in Kentucky.
- Kentucky had 67 new cases per 100,000 population in the past week, compared to a national average of 140 per 100,000.
- The federal government has deployed the following staff as assets to support the state response: 6 to support operations activities from FEMA.
- During Jul 15 - Jul 17, on average, 41 patients with confirmed COVID-19 and 105 patients with suspected COVID-19 were reported as newly admitted each day to hospitals in Kentucky. An average of 83 percent of hospitals reported 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

- Cases and test positivity are rising in metro areas; closing bars and limiting indoor dining are crucial to stop the spread.
- Continue mask mandate in public settings.
- Protect vulnerable populations in assisted living and long-term care facilities through weekly testing of all workers and requiring masks. In facilities with workers who tested positive, ensure all residents have been tested and appropriate cohorting measures are in place.
- Continue to scale contact tracing and ensure the ability of cases and contacts to quarantine or isolate safely.
- Monitor testing data to identify additional sites of increased transmission and focus public health resources on them.
- Ensure COVID-19 diagnostic testing continues to expand, specifically in the metro areas.
- Specific, detailed guidance on community mitigation measures can be found on the [CDC website](#).

The purpose of this report is to develop a shared understanding of the current status of the pandemic at the national, regional, state and local levels. We recognize that data at the state level may differ from that available at the federal level. Our objective is to use consistent data sources and methods that allow for comparisons to be made across localities. We appreciate your continued support in identifying data discrepancies and improving data completeness and sharing across systems. We look forward to your feedback.

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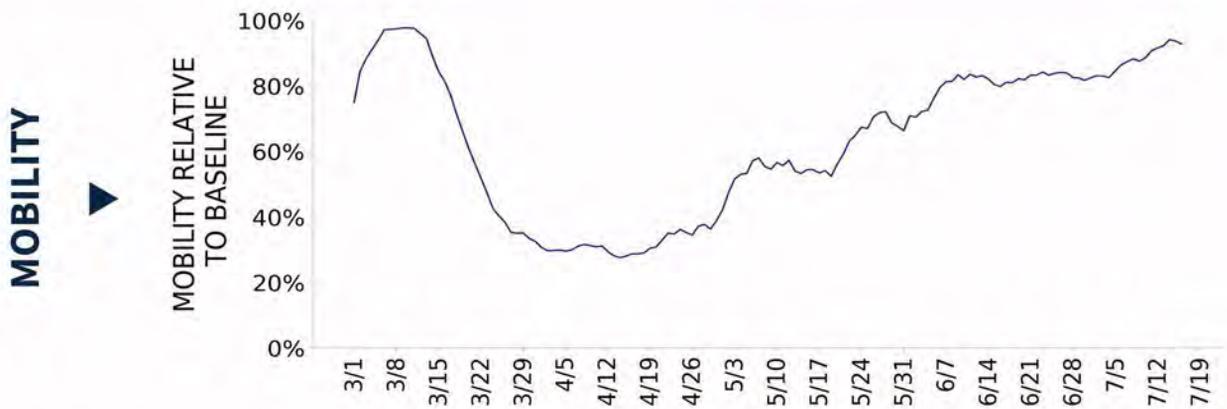
COVID-19



KENTUCKY

STATE REPORT | 07.19.2020

	STATE, LAST WEEK	STATE, % CHANGE FROM PREVIOUS WEEK	FEMA/HHS REGION, LAST WEEK	UNITED STATES, LAST WEEK
NEW CASES (RATE PER 100,000)	2,976 (67)	+29.8%	169,342 (253)	460,366 (140)
DIAGNOSTIC TEST POSITIVITY RATE	8.7%	+0.6%*	15.5%	9.1%
TOTAL DIAGNOSTIC TESTS (TESTS PER 100,000)	40,437 (905)	-7.0%	990,405 (1,480)	4,940,998 (1,505)
COVID DEATHS (RATE PER 100,000)	38 (1)	+8.6%	1,549 (2)	5,122 (2)
SNFs WITH AT LEAST ONE COVID-19 CASE	7.3%	+0.5%	14.2%	10.0%



* Indicates absolute change in percentage points

DATA SOURCES

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 7/17/2020; last week is 7/11 - 7/17, previous week is 7/4 - 7/10.

Testing: State-level values calculated by using 7-day rolling averages of reported tests. Regional- and national-level values calculated by using a 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 7/15/2020. Last week is 7/9 - 7/15, previous week is 7/2 - 7/8. Testing data are inclusive of everything received and processed by the CELR system as of 14:00 EDT on 07/19/2020. Some dates may be incomplete due to delays in reporting. Testing data may be backfilled over time, resulting in changes week-to-week in testing data. It is critical that states provide as up-to-date testing data as possible.

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; 100% represents the baseline mobility level. Data is anonymized and provided at the county level. Data through 7/16/2020.

SNFs: Skilled nursing facilities. National Healthcare Safety Network. Last week is 7/6-7/12, previous week is 6/29-7/5.



KENTUCKY

STATE REPORT | 07.19.2020

LOCALITIES IN RED ZONE

LOCALITIES IN YELLOW ZONE

METRO AREA (CBSA) LAST WEEK

3

Bowling Green
Mayfield
Central City

16

Top 12 shown (full list below)

Louisville/Jefferson County
Lexington-Fayette
Cincinnati
London
Elizabethtown-Fort Knox
Clarksville
Owensboro
Middlesborough
Paducah
Glasgow
Bardstown
Evansville

COUNTY LAST WEEK

10

Warren
Christian
Graves
Ohio
Casey
Muhlenberg
Carroll
Clay
Adair
Monroe

70

Top 12 shown (full list below)

Jefferson
Fayette
Boone
Shelby
Kenton
Hardin
Laurel
Madison
Bell
Daviess
Campbell
Knox

All Yellow CBSAs: Louisville/Jefferson County, Lexington-Fayette, Cincinnati, London, Elizabethtown-Fort Knox, Clarksville, Owensboro, Middlesborough, Paducah, Glasgow, Bardstown, Evansville, Danville, Mount Sterling, Murray, Campbellsville

All Yellow Counties: Jefferson, Fayette, Boone, Shelby, Kenton, Hardin, Laurel, Madison, Bell, Daviess, Campbell, Knox, Nelson, Henderson, Oldham, Barren, Jessamine, Pike, Perry, Scott, Logan, Franklin, Calloway, Lincoln, Bullitt, Whitley, Allen, Montgomery, Butler, Marion, Taylor, Caldwell, Spencer, Simpson, Bourbon, Harrison, Fleming, Grayson, Boyle, Henry, Webster, Wayne, Meade, Washington, Hancock, Grant, Hart, Trimble, Livingston, Trigg, Morgan, Fulton, Ballard, Breckinridge, Green, Owen, McLean, Crittenden, Larue, Nicholas, Carlisle, Edmonson, Menifee, Union, Bracken, Clinton, Wolfe, Elliott, Robertson, Cumberland

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 a diagnostic test positivity result above 10%.

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

Note: Top 12 locations are selected based on the highest number of new cases in the last three weeks.

DATA SOURCES

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 7/17/2020; last week is 7/11 - 7/17, three weeks is 6/27 - 7/17.

Testing: CELR (COVID-19 Electronic Lab Reporting) state health department-reported data through 7/15/2020. Last week is 7/9 - 7/15. Testing data may be backfilled over time, resulting in changes week-to-week in testing data. It is critical that states provide as up-to-date testing data as possible.

POLICY RECOMMENDATIONS FOR COUNTIES IN THE RED ZONE

Public Messaging

- Wear a mask at all times outside the home and maintain physical distance
- Limit social gatherings to 10 people or fewer
- Do not go to bars, nightclubs, or gyms
- Use take out or eat outdoors socially distanced
- Protect anyone with serious medical conditions at home by social distancing at home and using high levels of personal hygiene, including handwashing and cleaning surfaces
- Reduce your public interactions and activities to 25% of your normal activity

Public Officials

- Close bars and gyms, and create outdoor dining opportunities with pedestrian areas
- Limit social gatherings to 10 people or fewer
- Institute routine weekly testing of all workers in assisted living and long-term care facilities. Require masks for all staff and prohibit visitors
- Ensure that all business retailers and personal services require masks and can safely social distance
- Increase messaging on the risk of serious disease for individuals in all age groups with preexisting obesity, hypertension, and diabetes mellitus, and recommend to shelter in place
- Work with local community groups to provide targeted, tailored messaging to communities with high case rates, and increase community level testing
- Recruit more contact tracers as community outreach workers to ensure all cases are contacted and all positive households are individually tested within 24 hours
- Provide isolation facilities outside of households if COVID-positive individuals can't quarantine successfully

Testing

- Move to community-led neighborhood testing and work with local community groups to increase access to testing
- Surge testing and contact tracing resources to neighborhoods and zip codes with highest case rates
- **Diagnostic pooling:** Laboratories should use pooling of samples to increase testing access and reduce turnaround times to under 12 hours. Consider pools of 2-3 individuals in high incidence settings and 5:1 pools in setting where test positivity is under 10%
- **Surveillance pooling:** For family and cohabitating households, screen entire households in a single test by pooling specimens of all members into single collection device

POLICY RECOMMENDATIONS FOR COUNTIES IN THE YELLOW ZONE IN ORDER TO PREEMPT EXPONENTIAL COMMUNITY SPREAD

Public Messaging

- Wear a mask at all times outside the home and maintain physical distance
- Limit social gatherings to 25 people or fewer
- Do not go to bars or nightclubs
- Use take out, outdoor dining or indoor dining when strict social distancing can be maintained
- Protect anyone with serious medical conditions at home by social distancing at home and using high levels of personal hygiene
- Reduce your public interactions and activities to 50% of your normal activity

Public Officials

- Limit gyms to 25% occupancy and close bars until percent positive rates are under 3%; create outdoor dining opportunities with pedestrian areas
- Limit social gatherings to 25 people or fewer
- Institute routine weekly testing of all workers in assisted living and long-term care facilities. Require masks for all staff and prohibit visitors
- Ensure that all business retailers and personal services require masks and can safely social distance
- Increase messaging on the risk of serious disease for individuals in all age groups with preexisting obesity, hypertension, and diabetes mellitus, and recommend to shelter in place
- Work with local community groups to provide targeted, tailored messaging to communities with high case rates, and increase community level testing
- Recruit more contact tracers as community outreach workers to ensure all cases are contacted and all positive households are individually tested within 24 hours
- Provide isolation facilities outside of households if COVID-positive individuals can't quarantine successfully

Testing

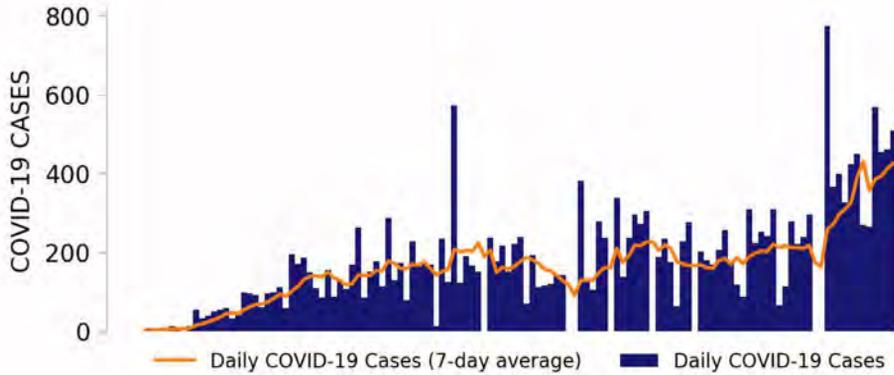
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- Surge testing and contact tracing resources to neighborhoods and zip codes with highest case rates
- **Diagnostic pooling:** Laboratories should use pooling of samples to increase testing access and reduce turnaround times to under 12 hours. Consider pools of 3-5 individuals
- **Surveillance pooling:** For family and cohabitating households, screen entire households in a single test by pooling specimens of all members into single collection device



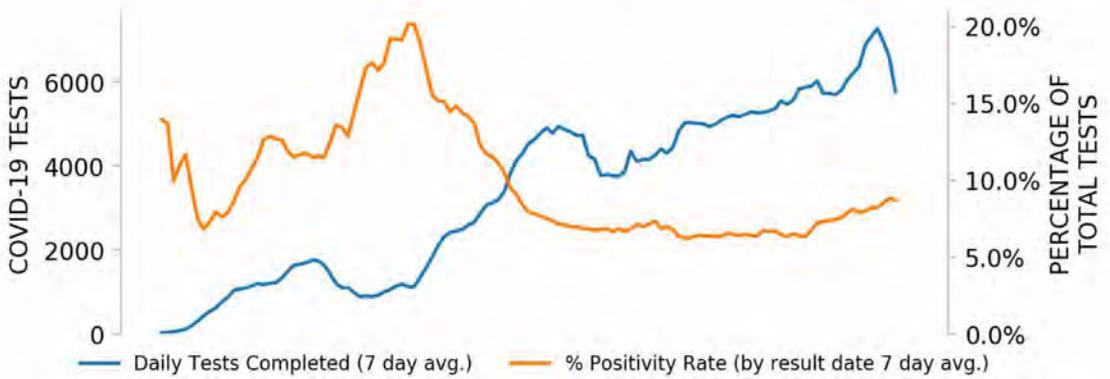
KENTUCKY

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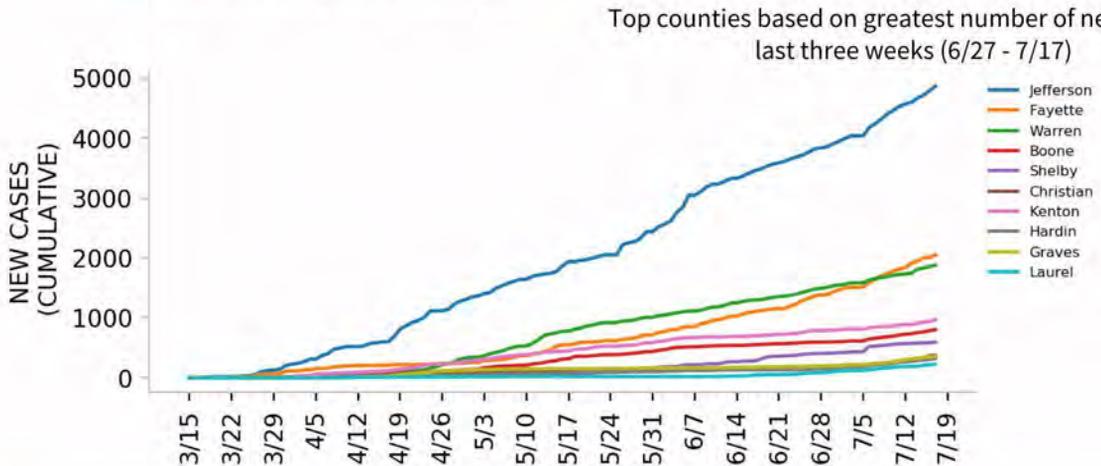
NEW CASES



TESTING



TOP COUNTIES



Top counties based on greatest number of new cases in last three weeks (6/27 - 7/17)

DATA SOURCES

Cases: County-level data from USAFacts. 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 7/17/2020.

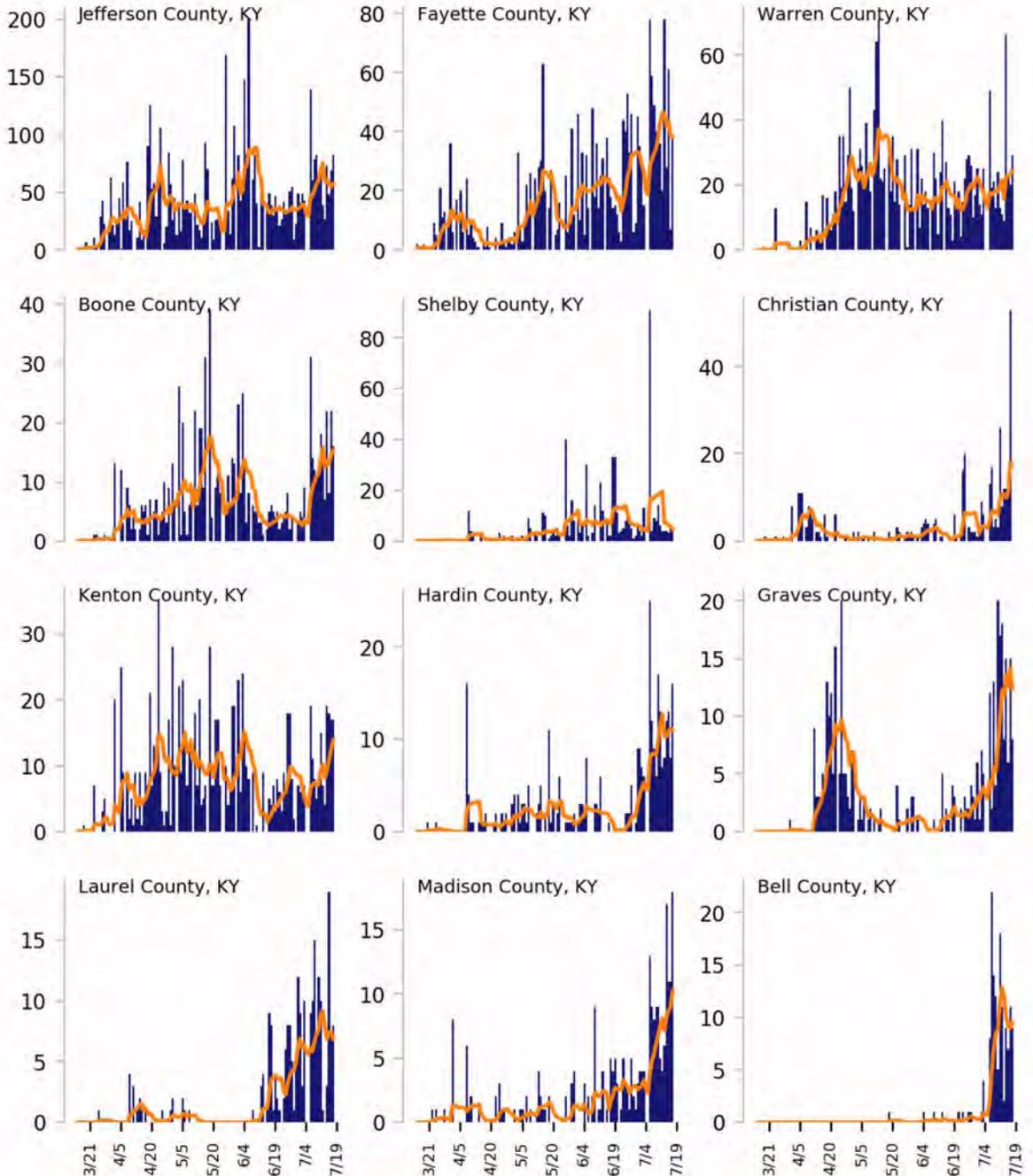
Testing: CELR (COVID-19 Electronic Lab Reporting) state health department-reported data through 7/15/2020.



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



DATA SOURCES

Cases: County-level data from USAFacts through 7/17/2020. Last 3 weeks is 6/27 - 7/17.

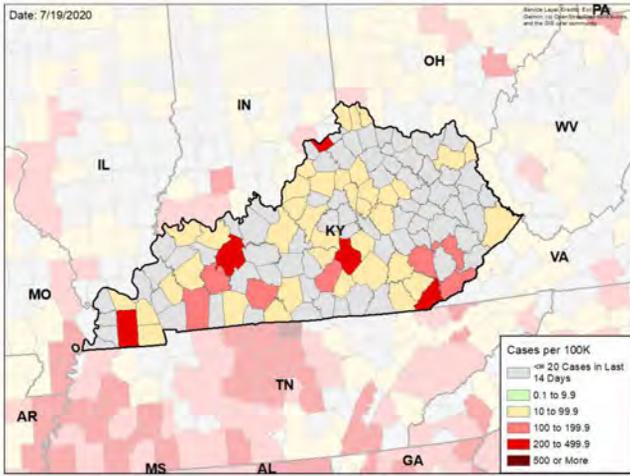


KENTUCKY

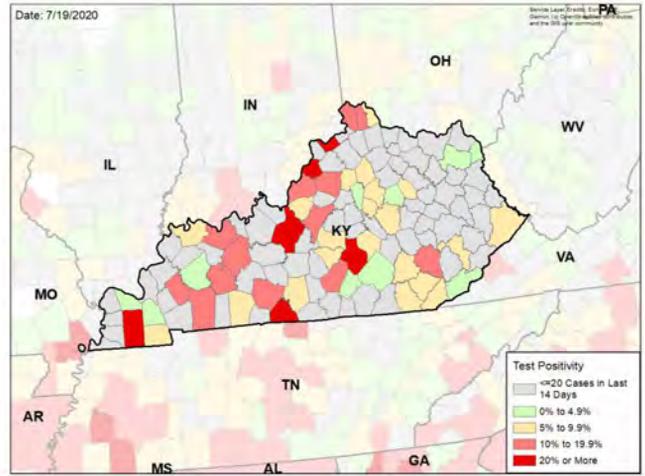
STATE REPORT | 07.19.2020

CASE RATES AND DIAGNOSTIC TEST POSITIVITY DURING THE LAST WEEK

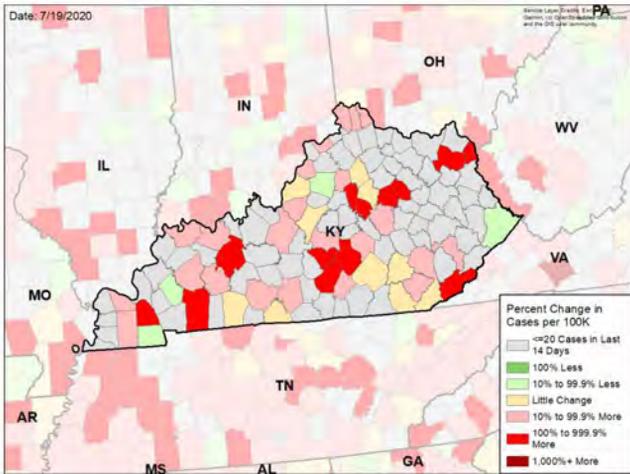
NEW CASES PER 100,000 DURING LAST WEEK



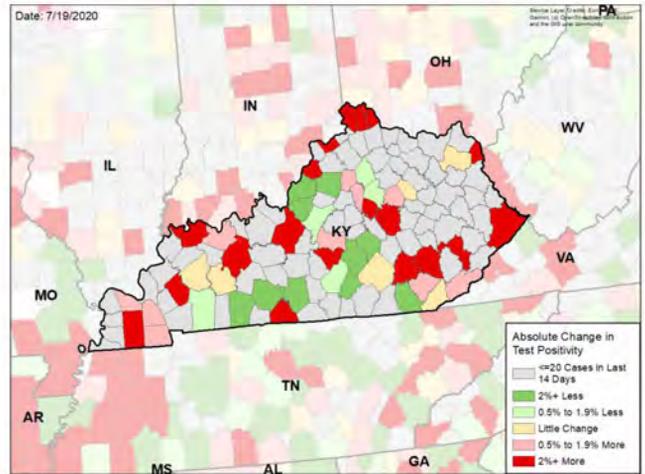
TEST POSITIVITY DURING LAST WEEK



WEEKLY % CHANGE IN NEW CASES PER 100K



WEEKLY CHANGE IN TEST POSITIVITY



DATA SOURCES

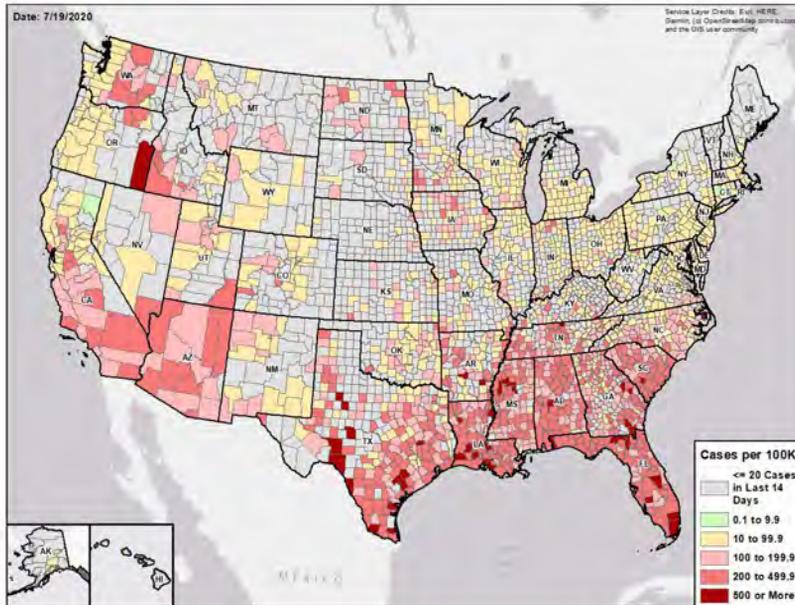
Cases: County-level data from USAFacts through 7/17/2020. Last week is 7/11 - 7/17, previous week is 7/4 - 7/10

Testing: CELR (COVID-19 Electronic Lab Reporting) state health department-reported data through 7/15/2020. Last week is 7/9 - 7/15, previous week is 7/2 - 7/8. Testing data may be backfilled over time, resulting in changes week-to-week in testing data. It is critical that states provide as up-to-date testing data as possible.

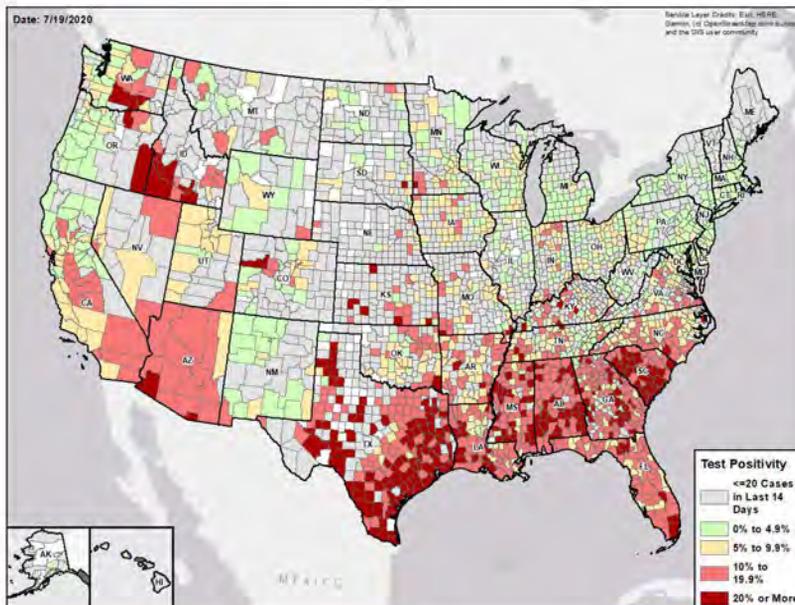


National Picture

NEW CASES PER 100,000 LAST WEEK



TEST POSITIVITY LAST WEEK



DATA SOURCES

Cases: County-level data from USAFacts through 7/17/2020. Last week is 7/11 - 7/17

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 7/15/2020. Last week is 7/9 - 7/15. Testing data may be backfilled over time, resulting in changes week-to-week in testing data. It is critical that states provide as up-to-date testing data as possible.



Methods

STATE REPORT | 07.19.2020

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)

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	<0.5	0.5-2	>2
Percent change in deaths per 100,000 population	<-10%	-10% - 10%	>10%
Skilled Nursing Facilities with at least one COVID-19 case	0%	0.1%-5%	>5%
Change in SNFs with at least one COVID-19 case	<-0.5%	-0.5%-0.5%	>0.5%

DATA NOTES

- Cases and deaths:** County-level data from USAFacts as of 13:00 EDT on 07/18/2020. 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 7/11 to 7/17; previous week data are from 7/4 to 7/10.
- Testing:** CELR (COVID-19 Electronic Lab Reporting) state health department-reported data are used to describe state-level totals when able to be disaggregated from serology test results and to describe county-level 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. Total diagnostic tests are the number of tests performed, not the number of individuals tested. Diagnostic test positivity rate is the number of positive tests divided by the number of tests performed and resulted. Last week data are from 7/9 to 7/15; previous week data are from 7/2 to 7/8. HHS Protect data is recent as of 16:30 EDT on 07/19/2020. Testing data are inclusive of everything received and processed by the CELR system as of 14:00 EDT on 07/19/2020. Testing data may be backfilled over time, resulting in changes week-to-week in testing data. It is critical that states provide as up-to-date testing data as possible.
- 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; 100% represents the baseline mobility level. Data is recent as of 13:00 EDT on 07/18/2020 and through 7/16/2020.
- 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.
- Skilled Nursing Facilities:** National Healthcare Safety Network (NHSN). 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 analysis. Also note that data presented by NHSN is more recent than the data publicly posted by CMS. Therefore, data presented may differ slightly from those publicly posted by CMS.



LOUISIANA

STATE REPORT | 07.19.2020

SUMMARY

- Louisiana is in the red zone for cases, indicating more than 100 new cases per 100,000 population last week, and the red zone for test positivity, indicating a rate above 10%.
- Louisiana has seen an increase in new cases and an increase in testing positivity over the past week.
- The following three parishes had the highest number of new cases over the past 3 weeks: 1. East Baton Rouge Parish, 2. Calcasieu Parish, and 3. Jefferson Parish. These parishes represent 26.5 percent of new cases in Louisiana.
- Louisiana is experiencing broad community spread across the state in the majority of parishes.
- Louisiana had 300 new cases per 100,000 population in the past week, compared to a national average of 140 per 100,000.
- The federal government has deployed the following staff as assets to support the state response: 10 to support operations activities from FEMA; 1 from CDC; 37 to support operations activities from USCG; and 11 to support medical activities from VA.
- During Jul 15 - Jul 17, on average, 159 patients with confirmed COVID-19 and 57 patients with suspected COVID-19 were reported as newly admitted each day to hospitals in Louisiana. An average of 97 percent of hospitals reported 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

- Continue weekly testing of all workers in assisted living and long-term care facilities and require masks and social distancing for all visitors.
- Mandate use of masks in all current and evolving hot spots.
- Close establishments where social distancing and mask use cannot occur such as bars.
- Move to outdoor dining and limit indoor dining to less than 25% of normal capacity.
- Ask citizens to limit social gatherings to 10 or fewer people.
- Encourage individuals that have participated in any large social gatherings to get tested.
- Increase messaging regarding the risk of serious disease in all age groups with preexisting obesity, hypertension, and diabetes mellitus.
- Continue the scale-up of testing, moving to community-led neighborhood testing.
- Work with local communities to implement and provide clear guidance for households that test positive, including on individual isolation procedures.
- Continue to enhance contact tracing and ensure the ability of cases and contacts to quarantine or isolate safely.
- Monitor testing data to identify additional sites of increased transmission and focus public health resources on them.
- Ensure Public Health lab is fully staffed and running 24/7 utilizing all platforms.
- Specific, detailed guidance on community mitigation measures can be found on the [CDC web-site](#).

The purpose of this report is to develop a shared understanding of the current status of the pandemic at the national, regional, state and local levels. We recognize that data at the state level may differ from that available at the federal level. Our objective is to use consistent data sources and methods that allow for comparisons to be made across localities. We appreciate your continued support in identifying data discrepancies and improving data completeness and sharing across systems. We look forward to your feedback.

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COVID-19

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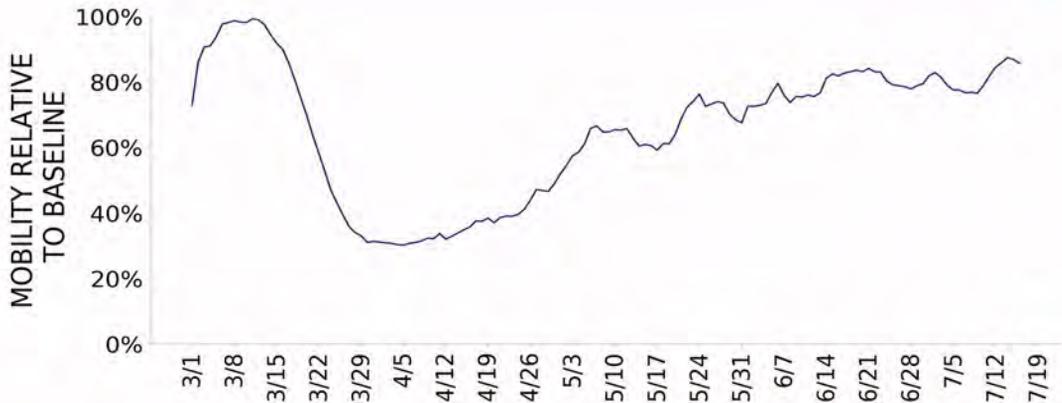


LOUISIANA

STATE REPORT | 07.19.2020

	STATE, LAST WEEK	STATE, % CHANGE FROM PREVIOUS WEEK	FEMA/HHS REGION, LAST WEEK	UNITED STATES, LAST WEEK
NEW CASES (RATE PER 100,000)	13,954 (300)	+23.0%	98,661 (231)	460,366 (140)
DIAGNOSTIC TEST POSITIVITY RATE	14.0%	+0.6%*	16.1%	9.1%
TOTAL DIAGNOSTIC TESTS (TESTS PER 100,000)	115,830 (2,492)	+5.1%	515,746 (1,207)	4,940,998 (1,505)
COVID DEATHS (RATE PER 100,000)	128 (3)	+25.5%	948 (2)	5,122 (2)
SNFs WITH AT LEAST ONE COVID-19 CASE	23.8%	+0.7%	14.1%	10.0%

MOBILITY



* Indicates absolute change in percentage points

DATA SOURCES

Cases and Deaths: State values are calculated by aggregating parish-level data from USAFacts; therefore, the values may not match those reported directly by the state. Data is through 7/17/2020; last week is 7/11 - 7/17, previous week is 7/4 - 7/10.

Testing: State-level values calculated by using 7-day rolling averages of reported tests. Regional- and national-level values calculated by using a 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 7/15/2020. Last week is 7/9 - 7/15, previous week is 7/2 - 7/8. Testing data are inclusive of everything received and processed by the CELR system as of 14:00 EDT on 07/19/2020. Some dates may be incomplete due to delays in reporting. Testing data may be backfilled over time, resulting in changes week-to-week in testing data. It is critical that states provide as up-to-date testing data as possible.

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 parish; 100% represents the baseline mobility level. Data is anonymized and provided at the parish level. Data through 7/16/2020.

SNFs: Skilled nursing facilities. National Healthcare Safety Network. Last week is 7/6-7/12, previous week is 6/29-7/5.



LOUISIANA

STATE REPORT | 07.19.2020

LOCALITIES IN RED ZONE

LOCALITIES IN YELLOW ZONE

METRO AREA (CBSA) LAST WEEK

<p>19 Top 12 shown (full list below)</p>	<p>New Orleans-Metairie Baton Rouge Lafayette Lake Charles Shreveport-Bossier City Houma-Thibodaux Monroe Hammond Alexandria Opelousas Morgan City Jennings</p>
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<p>0</p>	<p>N/A</p>
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PARISH LAST WEEK

<p>48 Top 12 shown (full list below)</p>	<p>East Baton Rouge Calcasieu Jefferson Lafayette Caddo St. Tammany Ouachita Terrebonne Livingston Tangipahoa Iberia Acadia</p>
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<p>14 Top 12 shown (full list below)</p>	<p>Orleans St. Charles Iberville Franklin East Feliciana Morehouse Plaquemines Winn Grant St. Helena Catahoula Jackson</p>
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All Red CBSAs: New Orleans-Metairie, Baton Rouge, Lafayette, Lake Charles, Shreveport-Bossier City, Houma-Thibodaux, Monroe, Hammond, Alexandria, Opelousas, Morgan City, Jennings, Bogalusa, DeRidder, Fort Polk South, Natchitoches, Minden, Ruston, Natchez

All Red Parishes: East Baton Rouge, Calcasieu, Jefferson, Lafayette, Caddo, St. Tammany, Ouachita, Terrebonne, Livingston, Tangipahoa, Iberia, Acadia, Lafourche, St. Landry, Rapides, Ascension, Bossier, St. Mary, St. Martin, Vermilion, Jefferson Davis, Allen, Avoyelles, Washington, Beauregard, Evangeline, Vernon, Pointe Coupee, Natchitoches, West Baton Rouge, Webster, Sabine, St. Bernard, St. John the Baptist, Lincoln, Richland, St. James, De Soto, Madison, Assumption, Union, Cameron, West Carroll, Bienville, Concordia, Red River, East Carroll, Tensas

All Yellow Parishes: Orleans, St. Charles, Iberville, Franklin, East Feliciana, Morehouse, Plaquemines, Winn, Grant, St. Helena, Catahoula, Jackson, Claiborne, Caldwell

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

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

Note: Top 12 locations are selected based on the highest number of new cases in the last three weeks.

DATA SOURCES

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POLICY RECOMMENDATIONS FOR COUNTIES IN THE RED ZONE

Public Messaging

- Wear a mask at all times outside the home and maintain physical distance
- Limit social gatherings to 10 people or fewer
- Do not go to bars, nightclubs, or gyms
- Use take out or eat outdoors socially distanced
- Protect anyone with serious medical conditions at home by social distancing at home and using high levels of personal hygiene, including handwashing and cleaning surfaces
- Reduce your public interactions and activities to 25% of your normal activity

Public Officials

- Close bars and gyms, and create outdoor dining opportunities with pedestrian areas
- Limit social gatherings to 10 people or fewer
- Institute routine weekly testing of all workers in assisted living and long-term care facilities. Require masks for all staff and prohibit visitors
- Ensure that all business retailers and personal services require masks and can safely social distance
- Increase messaging on the risk of serious disease for individuals in all age groups with preexisting obesity, hypertension, and diabetes mellitus, and recommend to shelter in place
- Work with local community groups to provide targeted, tailored messaging to communities with high case rates, and increase community level testing
- Recruit more contact tracers as community outreach workers to ensure all cases are contacted and all positive households are individually tested within 24 hours
- Provide isolation facilities outside of households if COVID-positive individuals can't quarantine successfully

Testing

- Move to community-led neighborhood testing and work with local community groups to increase access to testing
- Surge testing and contact tracing resources to neighborhoods and zip codes with highest case rates
- **Diagnostic pooling:** Laboratories should use pooling of samples to increase testing access and reduce turnaround times to under 12 hours. Consider pools of 2-3 individuals in high incidence settings and 5:1 pools in setting where test positivity is under 10%
- **Surveillance pooling:** For family and cohabitating households, screen entire households in a single test by pooling specimens of all members into single collection device

POLICY RECOMMENDATIONS FOR COUNTIES IN THE YELLOW ZONE IN ORDER TO PREEMPT EXPONENTIAL COMMUNITY SPREAD

Public Messaging

- Wear a mask at all times outside the home and maintain physical distance
- Limit social gatherings to 25 people or fewer
- Do not go to bars or nightclubs
- Use take out, outdoor dining or indoor dining when strict social distancing can be maintained
- Protect anyone with serious medical conditions at home by social distancing at home and using high levels of personal hygiene
- Reduce your public interactions and activities to 50% of your normal activity

Public Officials

- Limit gyms to 25% occupancy and close bars until percent positive rates are under 3%; create outdoor dining opportunities with pedestrian areas
- Limit social gatherings to 25 people or fewer
- Institute routine weekly testing of all workers in assisted living and long-term care facilities. Require masks for all staff and prohibit visitors
- Ensure that all business retailers and personal services require masks and can safely social distance
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Testing

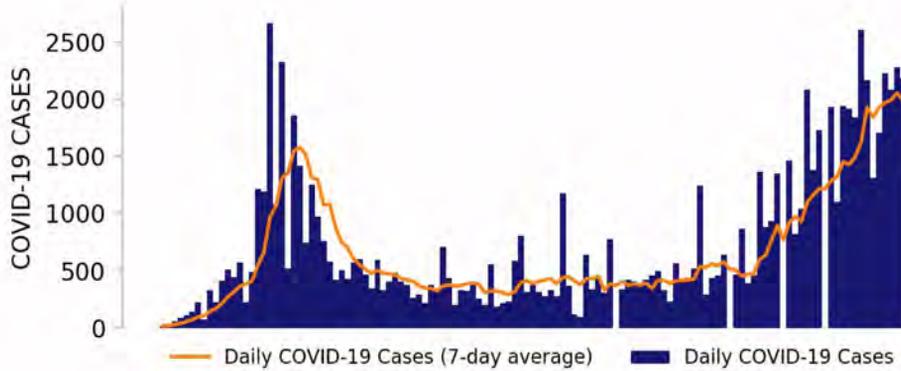
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- **Diagnostic pooling:** Laboratories should use pooling of samples to increase testing access and reduce turnaround times to under 12 hours. Consider pools of 3-5 individuals
- **Surveillance pooling:** For family and cohabitating households, screen entire households in a single test by pooling specimens of all members into single collection device



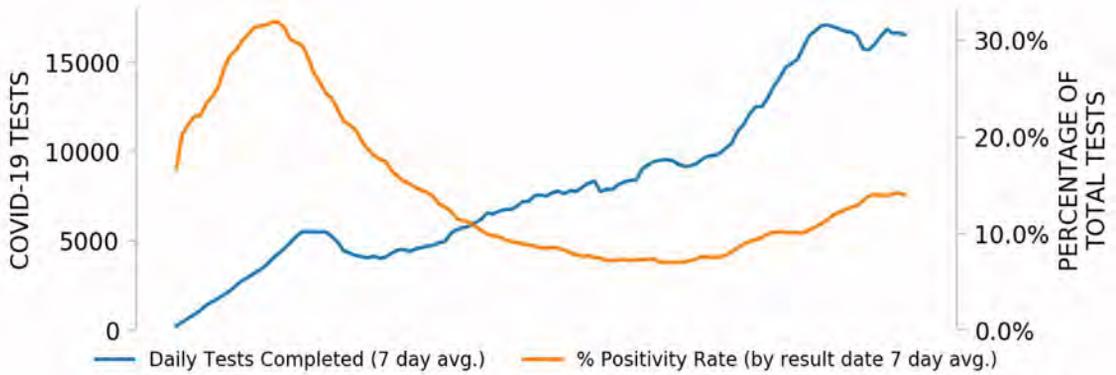
LOUISIANA

STATE REPORT | 07.19.2020

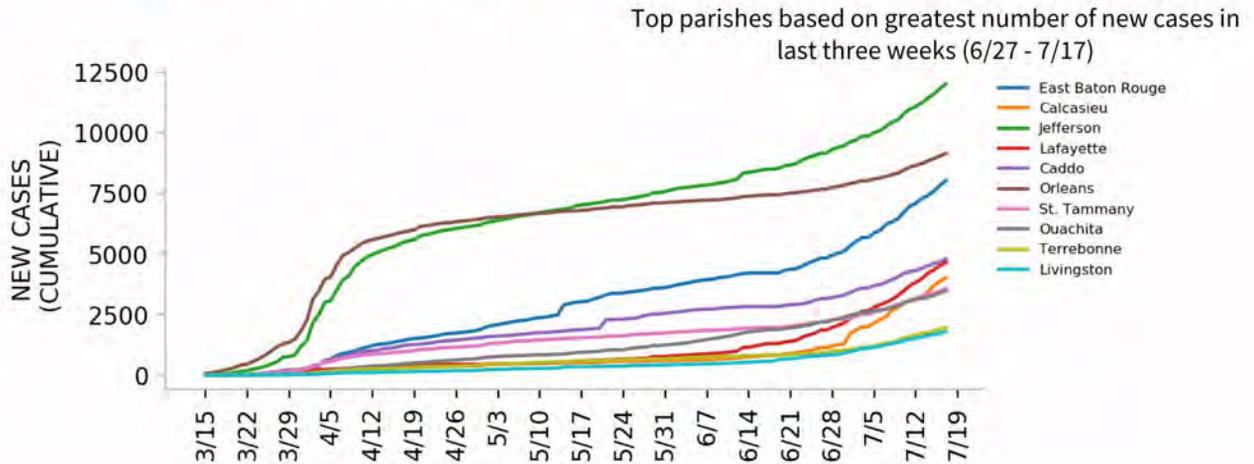
NEW CASES



TESTING



TOP PARISHES



DATA SOURCES

Cases: Parish-level data from USAFacts. State values are calculated by aggregating parish-level data from USAFacts; therefore, the values may not match those reported directly by the state. Data is through 7/17/2020.

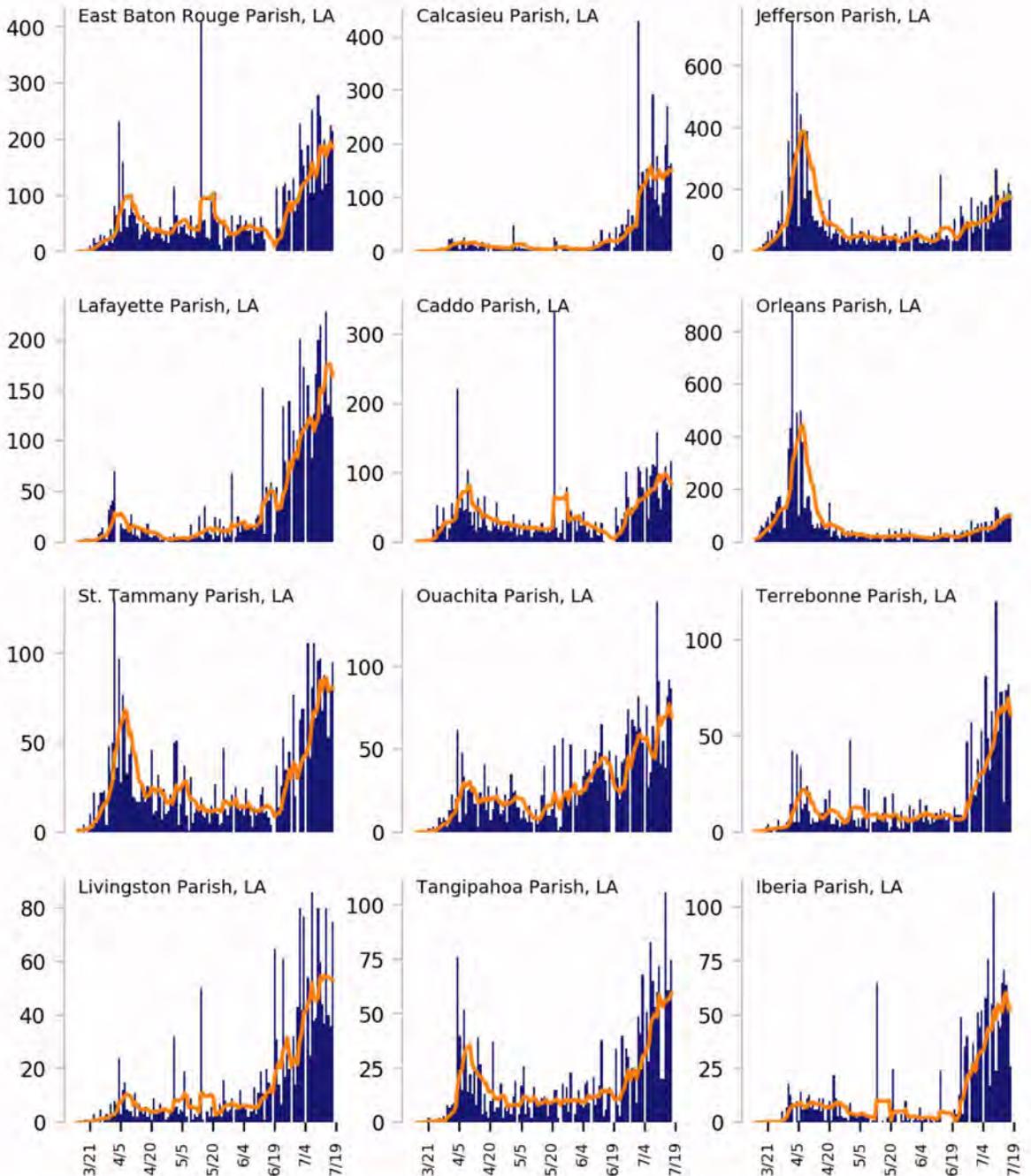
Testing: CELR (COVID-19 Electronic Lab Reporting) state health department-reported data through 7/15/2020.



Top 12 parishes 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



DATA SOURCES

Cases: Parish-level data from USAFacts through 7/17/2020. Last 3 weeks is 6/27 - 7/17.

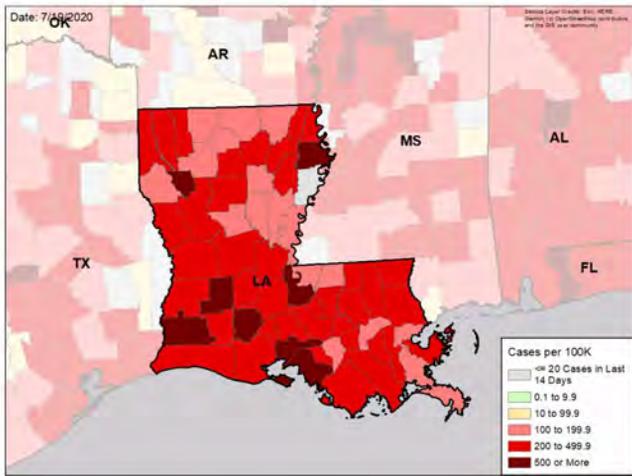


LOUISIANA

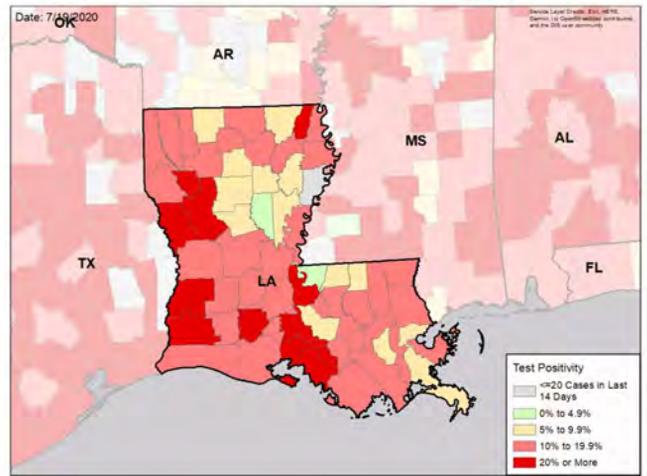
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CASE RATES AND DIAGNOSTIC TEST POSITIVITY DURING THE LAST WEEK

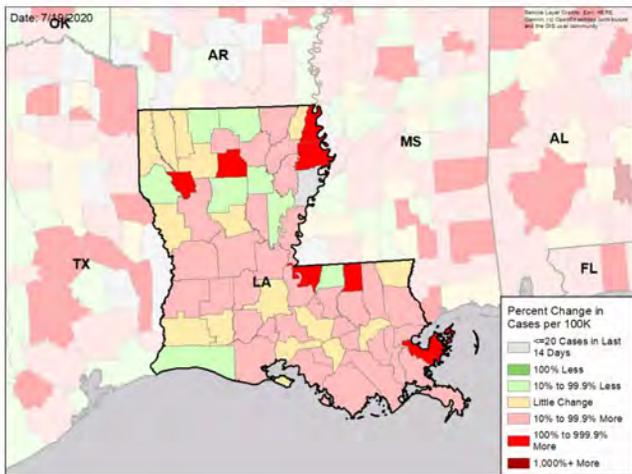
NEW CASES PER 100,000 DURING LAST WEEK



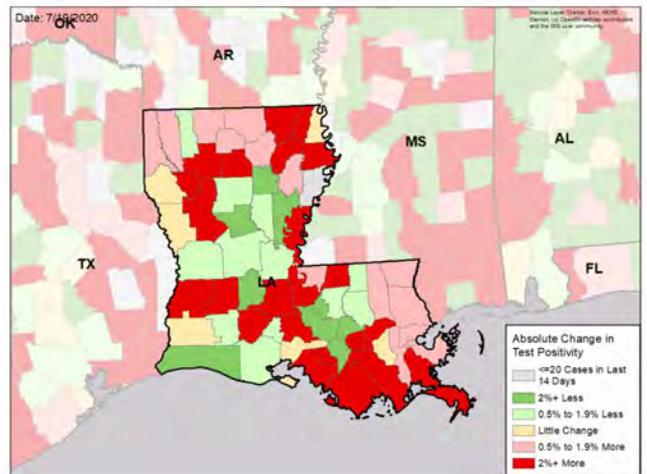
TEST POSITIVITY DURING LAST WEEK



WEEKLY % CHANGE IN NEW CASES PER 100K



WEEKLY CHANGE IN TEST POSITIVITY



DATA SOURCES

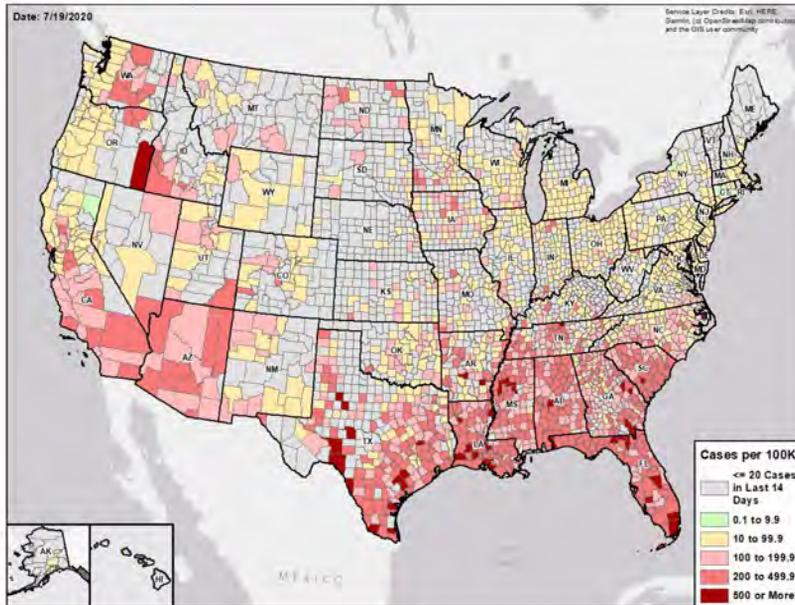
Cases: Parish-level data from USAFacts through 7/17/2020. Last week is 7/11 - 7/17, previous week is 7/4 - 7/10

Testing: CELR (COVID-19 Electronic Lab Reporting) state health department-reported data through 7/15/2020. Last week is 7/9 - 7/15, previous week is 7/2 - 7/8. Testing data may be backfilled over time, resulting in changes week-to-week in testing data. It is critical that states provide as up-to-date testing data as possible.

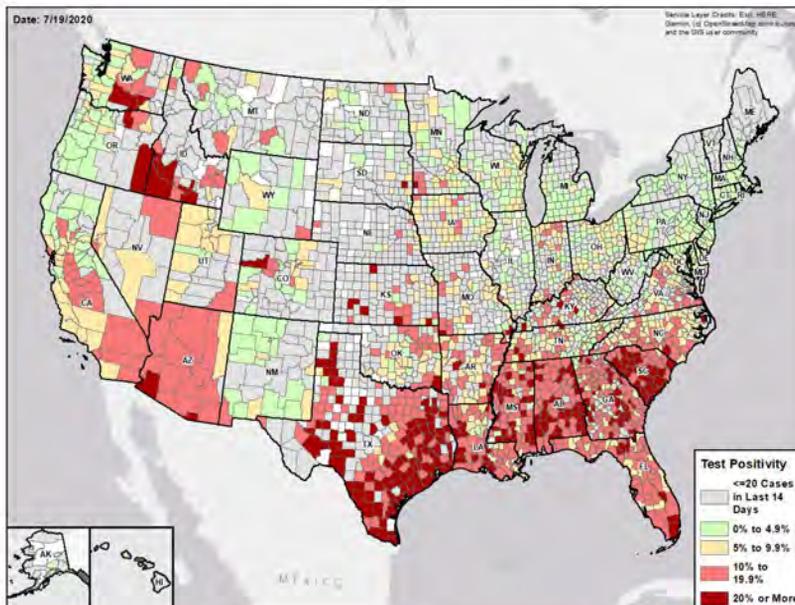


National Picture

NEW CASES PER 100,000 LAST WEEK



TEST POSITIVITY LAST WEEK



DATA SOURCES

Cases: County-level data from USAFacts through 7/17/2020. Last week is 7/11 - 7/17

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 7/15/2020. Last week is 7/9 - 7/15. Testing data may be backfilled over time, resulting in changes week-to-week in testing data. It is critical that states provide as up-to-date testing data as possible.



Methods

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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	<0.5	0.5-2	>2
Percent change in deaths per 100,000 population	<-10%	-10% - 10%	>10%
Skilled Nursing Facilities with at least one COVID-19 case	0%	0.1%-5%	>5%
Change in SNFs with at least one COVID-19 case	<-0.5%	-0.5%-0.5%	>0.5%

DATA NOTES

- Cases and deaths:** County-level data from USAFacts as of 13:00 EDT on 07/18/2020. 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 7/11 to 7/17; previous week data are from 7/4 to 7/10.
- Testing:** CELR (COVID-19 Electronic Lab Reporting) state health department-reported data are used to describe state-level totals when able to be disaggregated from serology test results and to describe county-level 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. Total diagnostic tests are the number of tests performed, not the number of individuals tested. Diagnostic test positivity rate is the number of positive tests divided by the number of tests performed and resulted. Last week data are from 7/9 to 7/15; previous week data are from 7/2 to 7/8. HHS Protect data is recent as of 16:30 EDT on 07/19/2020. Testing data are inclusive of everything received and processed by the CELR system as of 14:00 EDT on 07/19/2020. Testing data may be backfilled over time, resulting in changes week-to-week in testing data. It is critical that states provide as up-to-date testing data as possible.
- 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; 100% represents the baseline mobility level. Data is recent as of 13:00 EDT on 07/18/2020 and through 7/16/2020.
- 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.
- Skilled Nursing Facilities:** National Healthcare Safety Network (NHSN). 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 analysis. Also note that data presented by NHSN is more recent than the data publicly posted by CMS. Therefore, data presented may differ slightly from those publicly posted by CMS.



MAINE

STATE REPORT | 07.19.2020

SUMMARY

- Maine is in the yellow zone for cases, indicating between 10 to 100 new cases per 100,000 population last week, and the green zone for test positivity, indicating a rate below 5%.
- Maine has seen an increase in new cases and stability in testing positivity over the past week.
- The following three counties had the highest number of new cases over the past 3 weeks: 1. Cumberland County, 2. York County, and 3. Androscoggin County. These counties represent 84.3 percent of new cases in Maine.
- Maine had 11 new cases per 100,000 population in the past week, compared to a national average of 140 per 100,000.
- The federal government has deployed the following staff as assets to support the state response: 3 to support operations activities from FEMA; 1 from CDC; and 3 to support medical activities from VA.
- During Jul 15 - Jul 17, on average, 1 patient with confirmed COVID-19 and 21 patients with suspected COVID-19 were reported as newly admitted each day to hospitals in Maine. An average of 56 percent of hospitals reported 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

- Continue to educate the public (including summer visitors) on the need for face masks and enforce face mask wearing and social distancing, especially in indoor environments and in coastal and more populous counties.
- Protect residents of nursing homes and long-term care facilities with continued regular testing.
- Expand case investigation and contact tracing, especially in localities with increasing transmission, and ensure isolation of cases and quarantine of contacts.
- Gradual, cautious loosening of community measures and quarantine requirement for visitors from low incidence states is appropriate.
- Continue to track cases, test percent positivity, and hospitalizations.
- Specific, detailed guidance on community mitigation measures can be found on the [CDC website](#).

The purpose of this report is to develop a shared understanding of the current status of the pandemic at the national, regional, state and local levels. We recognize that data at the state level may differ from that available at the federal level. Our objective is to use consistent data sources and methods that allow for comparisons to be made across localities. We appreciate your continued support in identifying data discrepancies and improving data completeness and sharing across systems. We look forward to your feedback.

** This figure may differ from state data due to differences in hospital lists between federal and state systems or inclusion of hospitals that are not admitting COVID-19 patients. We are working to incorporate feedback on an ongoing basis to update these figures. These data exclude psychiatric, rehabilitation, and religious non-medical hospitals.*



COVID-19

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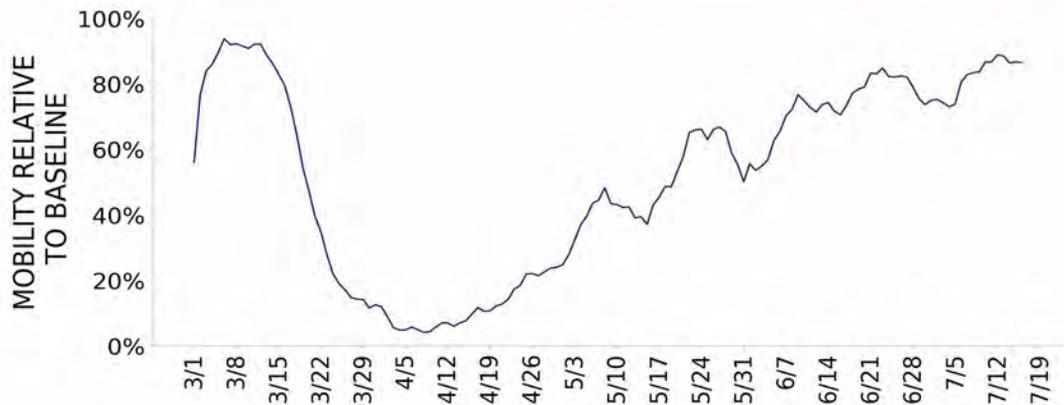


MAINE

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	STATE, LAST WEEK	STATE, % CHANGE FROM PREVIOUS WEEK	FEMA/HHS REGION, LAST WEEK	UNITED STATES, LAST WEEK
NEW CASES (RATE PER 100,000)	149 (11)	+49.0%	3,236 (22)	460,366 (140)
DIAGNOSTIC TEST POSITIVITY RATE	1.4%	+0.1%*	1.7%	9.1%
TOTAL DIAGNOSTIC TESTS (TESTS PER 100,000)	10,625 (790)	+6.8%	184,227 (1,241)	4,940,998 (1,505)
COVID DEATHS (RATE PER 100,000)	6 (0)	+50.0%	179 (1)	5,122 (2)
SNFs WITH AT LEAST ONE COVID-19 CASE	4.3%	-0.1%	7.0%	10.0%

MOBILITY



* Indicates absolute change in percentage points

DATA SOURCES

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 7/17/2020; last week is 7/11 - 7/17, previous week is 7/4 - 7/10.

Testing: State-level values calculated by using 7-day rolling averages of reported tests. Regional- and national-level values calculated by using a 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 7/15/2020. Last week is 7/9 - 7/15, previous week is 7/2 - 7/8. Testing data are inclusive of everything received and processed by the CELR system as of 14:00 EDT on 07/19/2020. Some dates may be incomplete due to delays in reporting. Testing data may be backfilled over time, resulting in changes week-to-week in testing data. It is critical that states provide as up-to-date testing data as possible.

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; 100% represents the baseline mobility level. Data is anonymized and provided at the county level. Data through 7/16/2020.

SNFs: Skilled nursing facilities. National Healthcare Safety Network. Last week is 7/6-7/12, previous week is 6/29-7/5.



MAINE

STATE REPORT | 07.19.2020

LOCALITIES IN RED ZONE

LOCALITIES IN YELLOW ZONE

METRO AREA (CBSA) LAST WEEK

0	N/A
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0	N/A
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COUNTY LAST WEEK

0	N/A
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0	N/A
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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 a diagnostic test positivity result above 10%.

Yellow Zone: Those core-based statistical areas (CBSAs) and counties that during the last week reported both new cases between 10-100 per 100,000 population, and a diagnostic test positivity result between 5-10%, or one of those two conditions and one condition qualifying as being in the “Red Zone.”

Note: Top 12 locations are selected based on the highest number of new cases in the last three weeks.

DATA SOURCES

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 7/17/2020; last week is 7/11 - 7/17, three weeks is 6/27 - 7/17.

Testing: HHS Protect laboratory data (provided directly to Federal Government from public health labs, hospital labs, and commercial labs) through 7/15/2020. Last week is 7/9 - 7/15. Testing data may be backfilled over time, resulting in changes week-to-week in testing data. It is critical that states provide as up-to-date testing data as possible.

POLICY RECOMMENDATIONS FOR COUNTIES IN THE RED ZONE

Public Messaging

- Wear a mask at all times outside the home and maintain physical distance
- Limit social gatherings to 10 people or fewer
- Do not go to bars, nightclubs, or gyms
- Use take out or eat outdoors socially distanced
- Protect anyone with serious medical conditions at home by social distancing at home and using high levels of personal hygiene, including handwashing and cleaning surfaces
- Reduce your public interactions and activities to 25% of your normal activity

Public Officials

- Close bars and gyms, and create outdoor dining opportunities with pedestrian areas
- Limit social gatherings to 10 people or fewer
- Institute routine weekly testing of all workers in assisted living and long-term care facilities. Require masks for all staff and prohibit visitors
- Ensure that all business retailers and personal services require masks and can safely social distance
- Increase messaging on the risk of serious disease for individuals in all age groups with preexisting obesity, hypertension, and diabetes mellitus, and recommend to shelter in place
- Work with local community groups to provide targeted, tailored messaging to communities with high case rates, and increase community level testing
- Recruit more contact tracers as community outreach workers to ensure all cases are contacted and all positive households are individually tested within 24 hours
- Provide isolation facilities outside of households if COVID-positive individuals can't quarantine successfully

Testing

- Move to community-led neighborhood testing and work with local community groups to increase access to testing
- Surge testing and contact tracing resources to neighborhoods and zip codes with highest case rates
- **Diagnostic pooling:** Laboratories should use pooling of samples to increase testing access and reduce turnaround times to under 12 hours. Consider pools of 2-3 individuals in high incidence settings and 5:1 pools in setting where test positivity is under 10%
- **Surveillance pooling:** For family and cohabitating households, screen entire households in a single test by pooling specimens of all members into single collection device

POLICY RECOMMENDATIONS FOR COUNTIES IN THE YELLOW ZONE IN ORDER TO PREEMPT EXPONENTIAL COMMUNITY SPREAD

Public Messaging

- Wear a mask at all times outside the home and maintain physical distance
- Limit social gatherings to 25 people or fewer
- Do not go to bars or nightclubs
- Use take out, outdoor dining or indoor dining when strict social distancing can be maintained
- Protect anyone with serious medical conditions at home by social distancing at home and using high levels of personal hygiene
- Reduce your public interactions and activities to 50% of your normal activity

Public Officials

- Limit gyms to 25% occupancy and close bars until percent positive rates are under 3%; create outdoor dining opportunities with pedestrian areas
- Limit social gatherings to 25 people or fewer
- Institute routine weekly testing of all workers in assisted living and long-term care facilities. Require masks for all staff and prohibit visitors
- Ensure that all business retailers and personal services require masks and can safely social distance
- Increase messaging on the risk of serious disease for individuals in all age groups with preexisting obesity, hypertension, and diabetes mellitus, and recommend to shelter in place
- Work with local community groups to provide targeted, tailored messaging to communities with high case rates, and increase community level testing
- Recruit more contact tracers as community outreach workers to ensure all cases are contacted and all positive households are individually tested within 24 hours
- Provide isolation facilities outside of households if COVID-positive individuals can't quarantine successfully

Testing

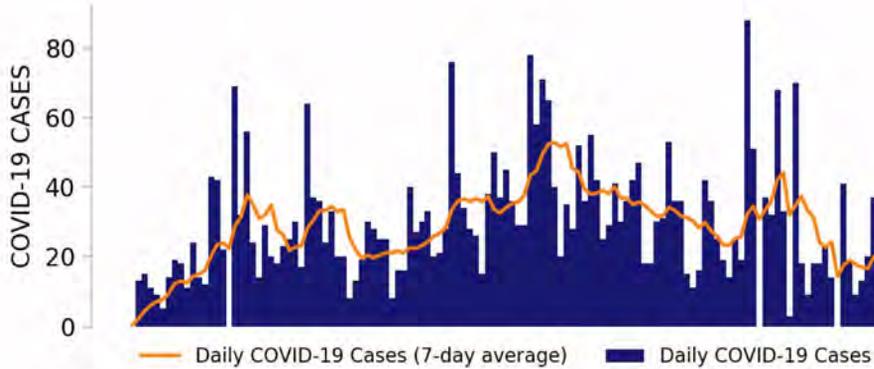
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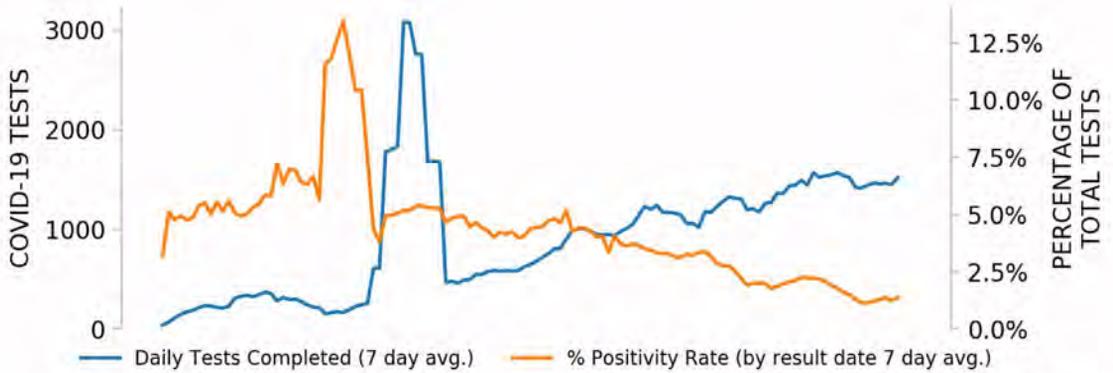
MAINE

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NEW CASES

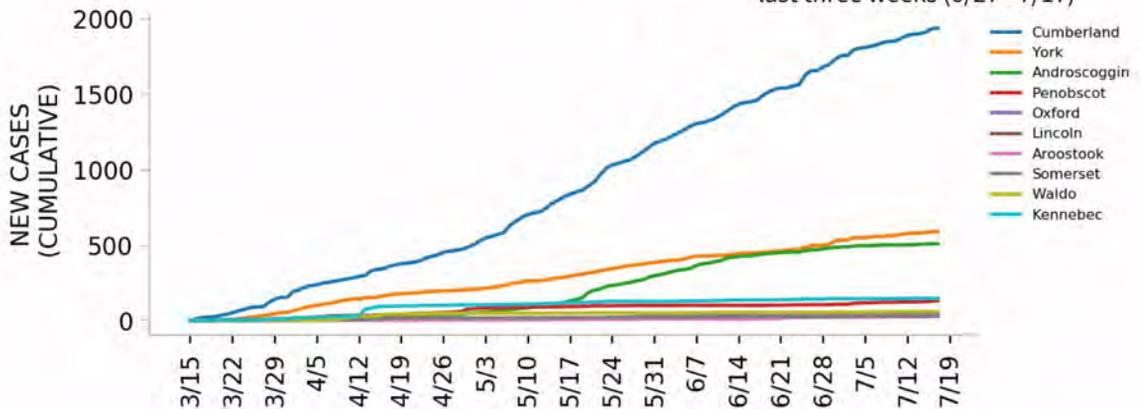


TESTING



Top counties based on greatest number of new cases in last three weeks (6/27 - 7/17)

TOP COUNTIES



DATA SOURCES

Cases: County-level data from USAFacts. 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 7/17/2020.

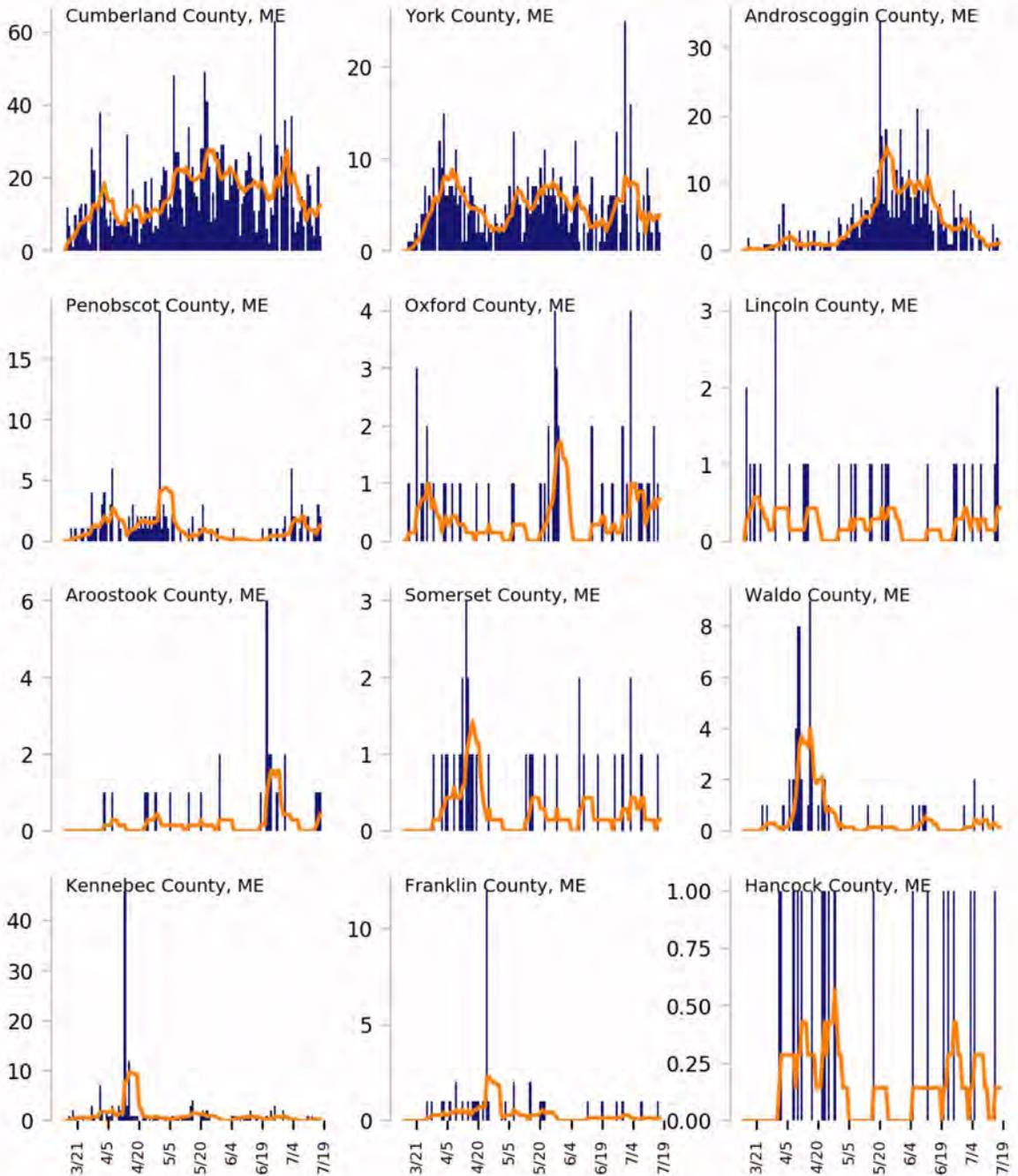
Testing: HHS Protect laboratory data (provided directly to Federal Government from public health labs, hospital labs, and commercial labs) through 7/15/2020.



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



DATA SOURCES

Cases: County-level data from USAFacts through 7/17/2020. Last 3 weeks is 6/27 - 7/17.

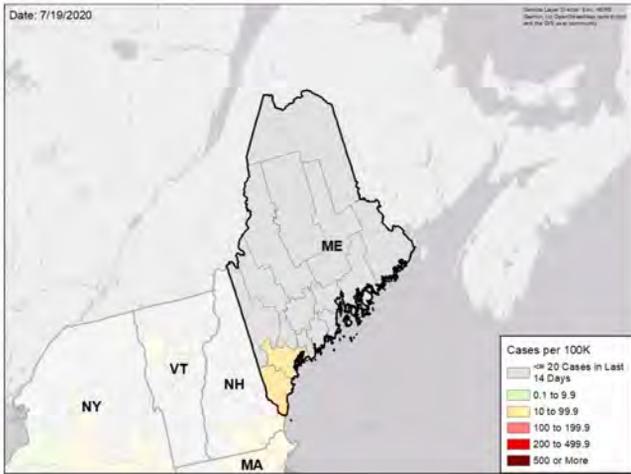


MAINE

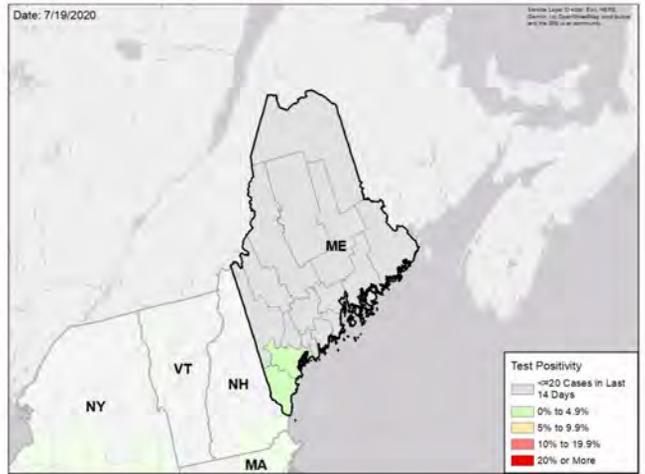
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CASE RATES AND DIAGNOSTIC TEST POSITIVITY DURING THE LAST WEEK

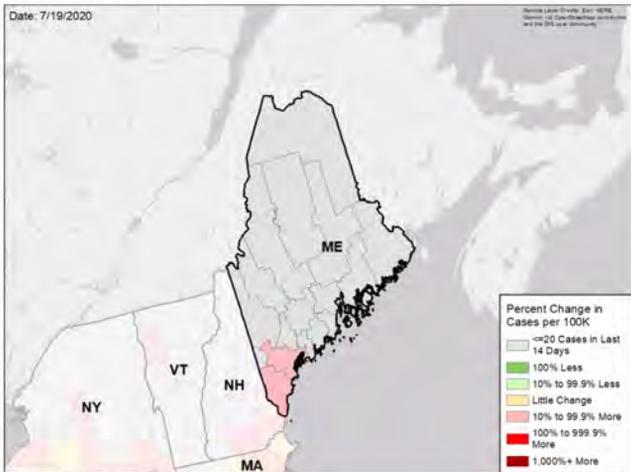
NEW CASES PER 100,000 DURING LAST WEEK



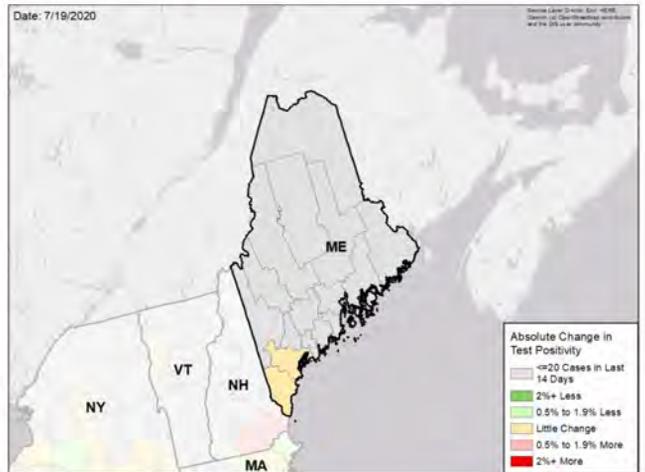
TEST POSITIVITY DURING LAST WEEK



WEEKLY % CHANGE IN NEW CASES PER 100K



WEEKLY CHANGE IN TEST POSITIVITY



DATA SOURCES

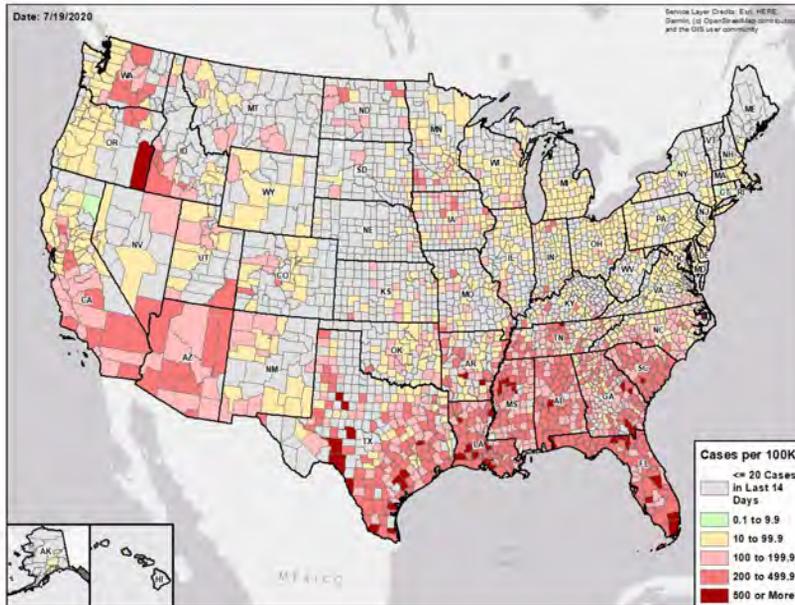
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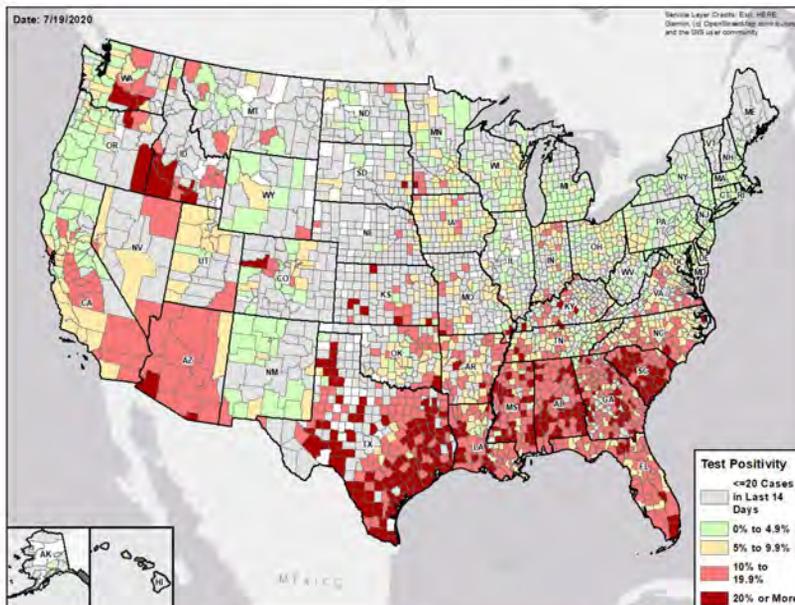


National Picture

NEW CASES PER 100,000 LAST WEEK



TEST POSITIVITY LAST WEEK



DATA SOURCES

Cases: County-level data from USAFacts through 7/17/2020. Last week is 7/11 - 7/17

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 7/15/2020. Last week is 7/9 - 7/15. Testing data may be backfilled over time, resulting in changes week-to-week in testing data. It is critical that states provide as up-to-date testing data as possible.



Methods

STATE REPORT | 07.19.2020

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)

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	<0.5	0.5-2	>2
Percent change in deaths per 100,000 population	<-10%	-10% - 10%	>10%
Skilled Nursing Facilities with at least one COVID-19 case	0%	0.1%-5%	>5%
Change in SNFs with at least one COVID-19 case	<-0.5%	-0.5%-0.5%	>0.5%

DATA NOTES

- Cases and deaths:** County-level data from USAFacts as of 13:00 EDT on 07/18/2020. 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 7/11 to 7/17; previous week data are from 7/4 to 7/10.
- Testing:** CELR (COVID-19 Electronic Lab Reporting) state health department-reported data are used to describe state-level totals when able to be disaggregated from serology test results and to describe county-level 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. Total diagnostic tests are the number of tests performed, not the number of individuals tested. Diagnostic test positivity rate is the number of positive tests divided by the number of tests performed and resulted. Last week data are from 7/9 to 7/15; previous week data are from 7/2 to 7/8. HHS Protect data is recent as of 16:30 EDT on 07/19/2020. Testing data are inclusive of everything received and processed by the CELR system as of 14:00 EDT on 07/19/2020. Testing data may be backfilled over time, resulting in changes week-to-week in testing data. It is critical that states provide as up-to-date testing data as possible.
- 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; 100% represents the baseline mobility level. Data is recent as of 13:00 EDT on 07/18/2020 and through 7/16/2020.
- 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.
- Skilled Nursing Facilities:** National Healthcare Safety Network (NHSN). 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 analysis. Also note that data presented by NHSN is more recent than the data publicly posted by CMS. Therefore, data presented may differ slightly from those publicly posted by CMS.



MARYLAND

STATE REPORT | 07.19.2020

SUMMARY

- Maryland is in the yellow zone for cases, indicating between 10 to 100 new cases per 100,000 population last week, and the yellow zone for test positivity, indicating a rate between 5% to 10%.
- Maryland has seen an increase in new cases and an increase in testing positivity over the past week.
- The following three counties had the highest number of new cases over the past 3 weeks: 1. Prince George's County, 2. Baltimore City, and 3. Montgomery County. These counties represent 53.0 percent of new cases in Maryland.
- Maryland had 87 new cases per 100,000 population in the past week, compared to a national average of 140 per 100,000.
- The federal government has deployed the following staff as assets to support the state response: 21 to support operations activities from FEMA; 28 to support operations activities from ASPR; 4 from CDC; and 14 to support operations activities from USCG.
- During Jul 15 - Jul 17, on average, 53 patients with confirmed COVID-19 and 165 patients with suspected COVID-19 were reported as newly admitted each day to hospitals in Maryland. An average of 66 percent of hospitals reported 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

- Protect vulnerable populations in assisted living and long-term care facilities through weekly testing of all workers and requiring masks. In facilities with workers who tested positive, ensure all residents have been tested and appropriate cohorting measures are in place.
- Continue to scale contact tracing and ensure the ability of cases and contacts to quarantine or isolate safely.
- Monitor testing data to identify additional sites of increased transmission and focus public health resources on them.
- Ensure COVID-19 diagnostic testing continues to expand, specifically in the metro areas. Work with hospitals to ensure COVID-19 test results are immediately available.
- Monitor compliance to mask use and social distancing at bars and restaurants if cases rise and adjust occupancy levels accordingly.
- Specific, detailed guidance on community mitigation measures can be found on the [CDC website](#).

The purpose of this report is to develop a shared understanding of the current status of the pandemic at the national, regional, state and local levels. We recognize that data at the state level may differ from that available at the federal level. Our objective is to use consistent data sources and methods that allow for comparisons to be made across localities. We appreciate your continued support in identifying data discrepancies and improving data completeness and sharing across systems. We look forward to your feedback.

** This figure may differ from state data due to differences in hospital lists between federal and state systems or inclusion of hospitals that are not admitting COVID-19 patients. We are working to incorporate feedback on an ongoing basis to update these figures. These data exclude psychiatric, rehabilitation, and religious non-medical hospitals.*



COVID-19

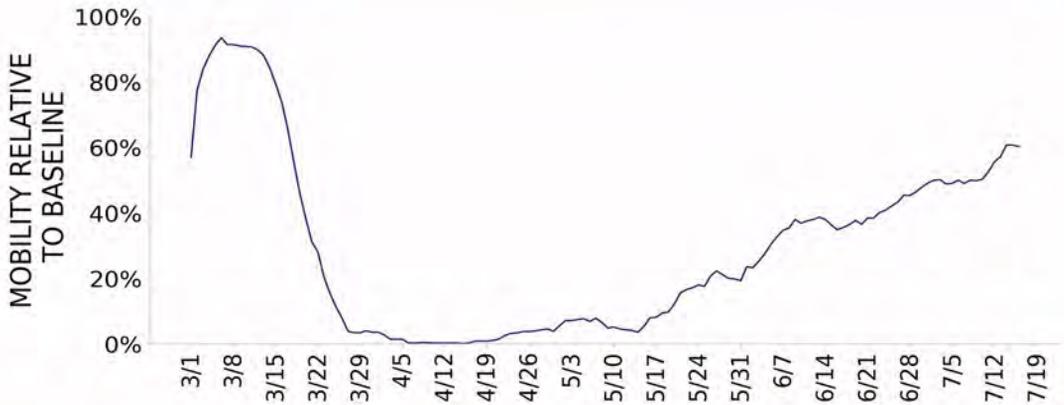


MARYLAND

STATE REPORT | 07.19.2020

	STATE, LAST WEEK	STATE, % CHANGE FROM PREVIOUS WEEK	FEMA/HHS REGION, LAST WEEK	UNITED STATES, LAST WEEK
NEW CASES (RATE PER 100,000)	5,239 (87)	+74.4%	19,501 (63)	460,366 (140)
DIAGNOSTIC TEST POSITIVITY RATE	5.6%	+0.9%*	6.8%	9.1%
TOTAL DIAGNOSTIC TESTS (TESTS PER 100,000)	135,940 (2,249)	+43.4%	459,561 (1,489)	4,940,998 (1,505)
COVID DEATHS (RATE PER 100,000)	34 (1)	-58.5%	234 (1)	5,122 (2)
SNFs WITH AT LEAST ONE COVID-19 CASE	10.8%	+1.5%	8.2%	10.0%

MOBILITY



* Indicates absolute change in percentage points

DATA SOURCES

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 7/17/2020; last week is 7/11 - 7/17, previous week is 7/4 - 7/10.

Testing: State-level values calculated by using 7-day rolling averages of reported tests. Regional- and national-level values calculated by using a 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 7/15/2020. Last week is 7/9 - 7/15, previous week is 7/2 - 7/8. Testing data are inclusive of everything received and processed by the CELR system as of 14:00 EDT on 07/19/2020. Some dates may be incomplete due to delays in reporting. Testing data may be backfilled over time, resulting in changes week-to-week in testing data. It is critical that states provide as up-to-date testing data as possible.

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; 100% represents the baseline mobility level. Data is anonymized and provided at the county level. Data through 7/16/2020.

SNFs: Skilled nursing facilities. National Healthcare Safety Network. Last week is 7/6-7/12, previous week is 6/29-7/5.



MARYLAND

STATE REPORT | 07.19.2020

LOCALITIES IN RED ZONE

LOCALITIES IN YELLOW ZONE

METRO AREA (CBSA) LAST WEEK

0	N/A
----------	-----

2	Washington-Arlington-Alexandria Easton
----------	---

COUNTY LAST WEEK

0	N/A
----------	-----

6	Prince George's Baltimore city, MD Montgomery Talbot Worcester Queen Anne's
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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 a diagnostic test positivity result above 10%.

Yellow Zone: Those core-based statistical areas (CBSAs) and counties that during the last week reported both new cases between 10-100 per 100,000 population, and a diagnostic test positivity result between 5-10%, or one of those two conditions and one condition qualifying as being in the “Red Zone.”

Note: Top 12 locations are selected based on the highest number of new cases in the last three weeks.

DATA SOURCES

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 7/17/2020; last week is 7/11 - 7/17, three weeks is 6/27 - 7/17.

Testing: CELR (COVID-19 Electronic Lab Reporting) state health department-reported data through 7/15/2020. Last week is 7/9 - 7/15. Testing data may be backfilled over time, resulting in changes week-to-week in testing data. It is critical that states provide as up-to-date testing data as possible.

POLICY RECOMMENDATIONS FOR COUNTIES IN THE RED ZONE

Public Messaging

- Wear a mask at all times outside the home and maintain physical distance
- Limit social gatherings to 10 people or fewer
- Do not go to bars, nightclubs, or gyms
- Use take out or eat outdoors socially distanced
- Protect anyone with serious medical conditions at home by social distancing at home and using high levels of personal hygiene, including handwashing and cleaning surfaces
- Reduce your public interactions and activities to 25% of your normal activity

Public Officials

- Close bars and gyms, and create outdoor dining opportunities with pedestrian areas
- Limit social gatherings to 10 people or fewer
- Institute routine weekly testing of all workers in assisted living and long-term care facilities. Require masks for all staff and prohibit visitors
- Ensure that all business retailers and personal services require masks and can safely social distance
- Increase messaging on the risk of serious disease for individuals in all age groups with preexisting obesity, hypertension, and diabetes mellitus, and recommend to shelter in place
- Work with local community groups to provide targeted, tailored messaging to communities with high case rates, and increase community level testing
- Recruit more contact tracers as community outreach workers to ensure all cases are contacted and all positive households are individually tested within 24 hours
- Provide isolation facilities outside of households if COVID-positive individuals can't quarantine successfully

Testing

- Move to community-led neighborhood testing and work with local community groups to increase access to testing
- Surge testing and contact tracing resources to neighborhoods and zip codes with highest case rates
- **Diagnostic pooling:** Laboratories should use pooling of samples to increase testing access and reduce turnaround times to under 12 hours. Consider pools of 2-3 individuals in high incidence settings and 5:1 pools in setting where test positivity is under 10%
- **Surveillance pooling:** For family and cohabitating households, screen entire households in a single test by pooling specimens of all members into single collection device

POLICY RECOMMENDATIONS FOR COUNTIES IN THE YELLOW ZONE IN ORDER TO PREEMPT EXPONENTIAL COMMUNITY SPREAD

Public Messaging

- Wear a mask at all times outside the home and maintain physical distance
- Limit social gatherings to 25 people or fewer
- Do not go to bars or nightclubs
- Use take out, outdoor dining or indoor dining when strict social distancing can be maintained
- Protect anyone with serious medical conditions at home by social distancing at home and using high levels of personal hygiene
- Reduce your public interactions and activities to 50% of your normal activity

Public Officials

- Limit gyms to 25% occupancy and close bars until percent positive rates are under 3%; create outdoor dining opportunities with pedestrian areas
- Limit social gatherings to 25 people or fewer
- Institute routine weekly testing of all workers in assisted living and long-term care facilities. Require masks for all staff and prohibit visitors
- Ensure that all business retailers and personal services require masks and can safely social distance
- Increase messaging on the risk of serious disease for individuals in all age groups with preexisting obesity, hypertension, and diabetes mellitus, and recommend to shelter in place
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Testing

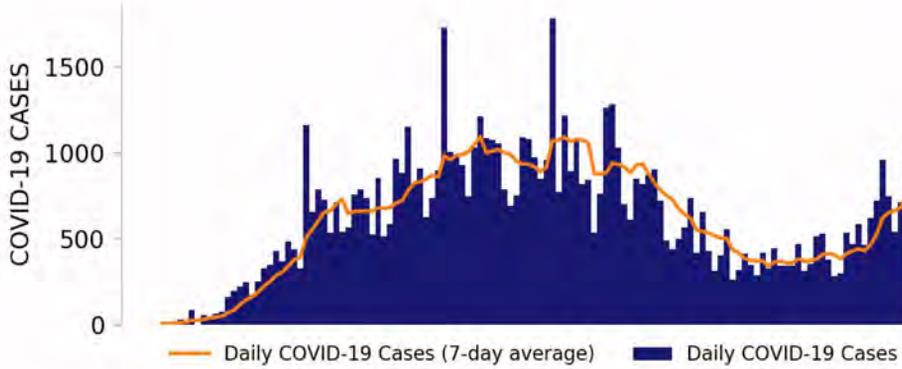
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- Surge testing and contact tracing resources to neighborhoods and zip codes with highest case rates
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- **Surveillance pooling:** For family and cohabitating households, screen entire households in a single test by pooling specimens of all members into single collection device



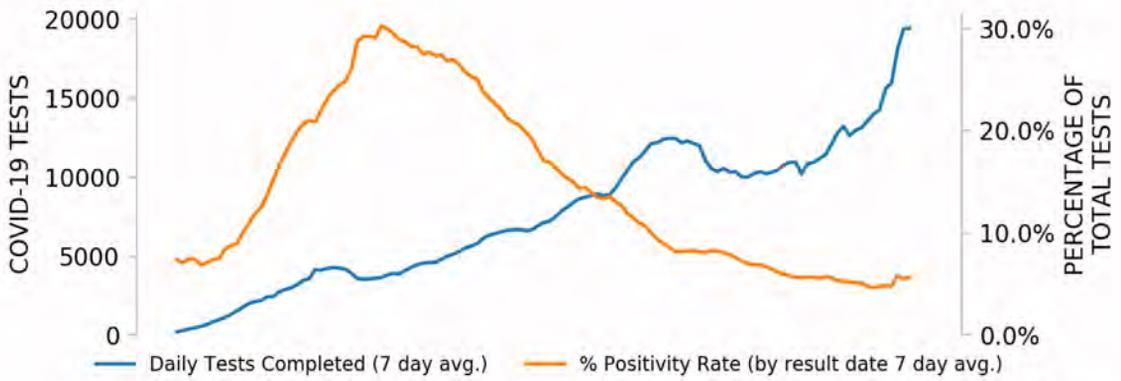
MARYLAND

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NEW CASES

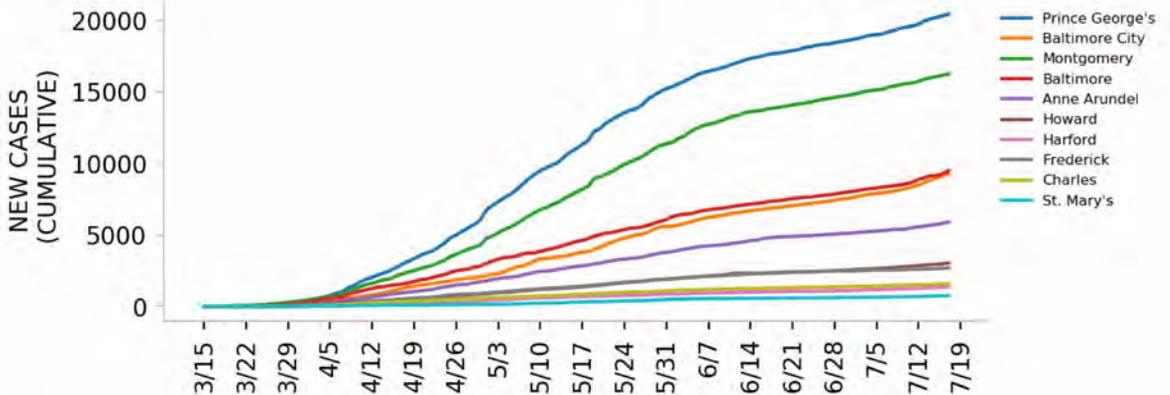


TESTING



Top counties based on greatest number of new cases in last three weeks (6/27 - 7/17)

TOP COUNTIES



DATA SOURCES

Cases: County-level data from USAFacts. 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 7/17/2020.

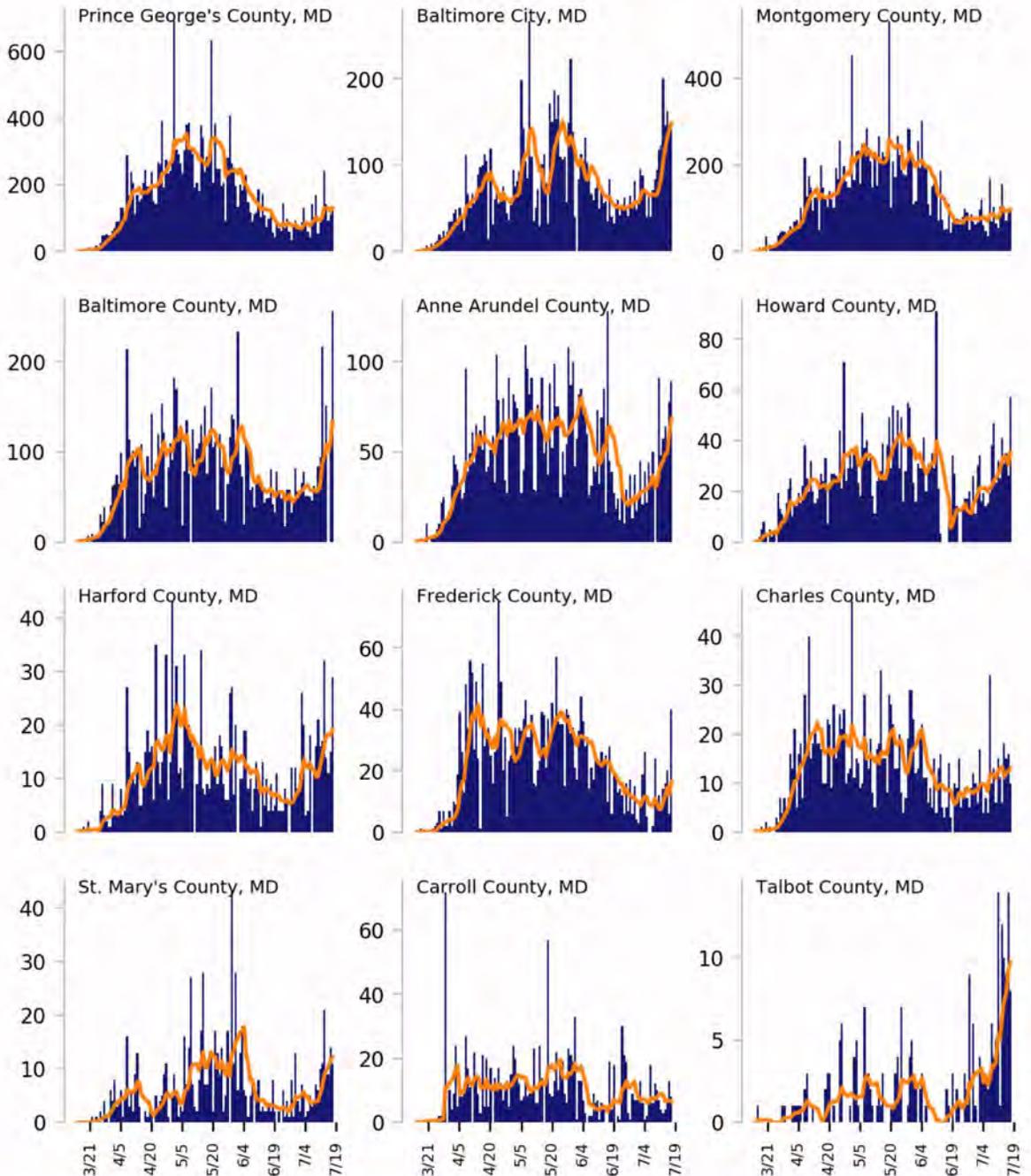
Testing: CELR (COVID-19 Electronic Lab Reporting) state health department-reported data through 7/15/2020.



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



DATA SOURCES

Cases: County-level data from USAFacts through 7/17/2020. Last 3 weeks is 6/27 - 7/17.

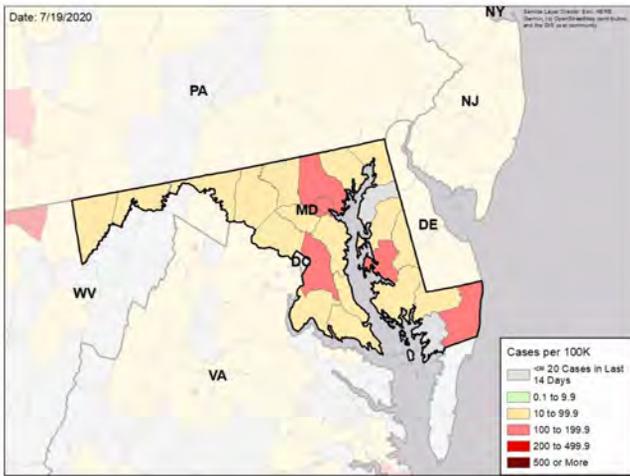


MARYLAND

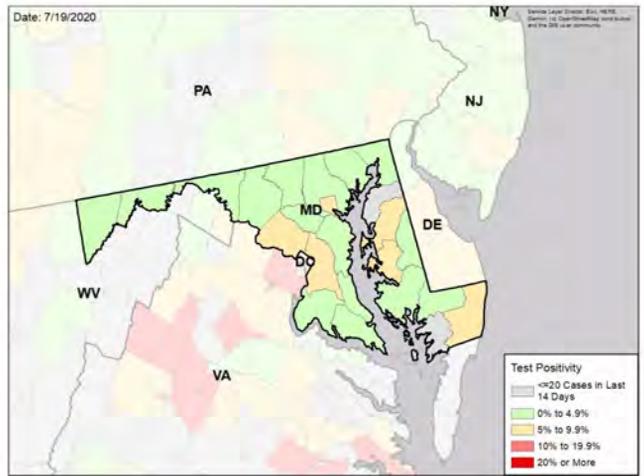
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CASE RATES AND DIAGNOSTIC TEST POSITIVITY DURING THE LAST WEEK

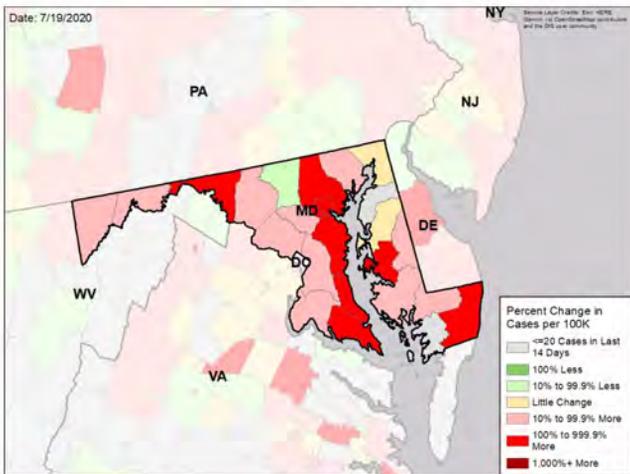
NEW CASES PER 100,000 DURING LAST WEEK



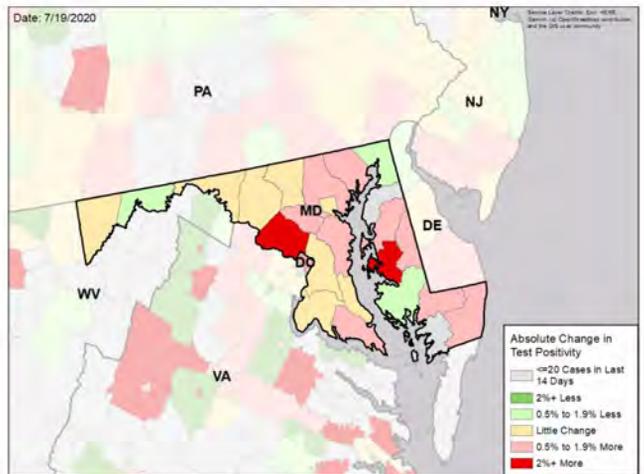
TEST POSITIVITY DURING LAST WEEK



WEEKLY % CHANGE IN NEW CASES PER 100K



WEEKLY CHANGE IN TEST POSITIVITY



DATA SOURCES

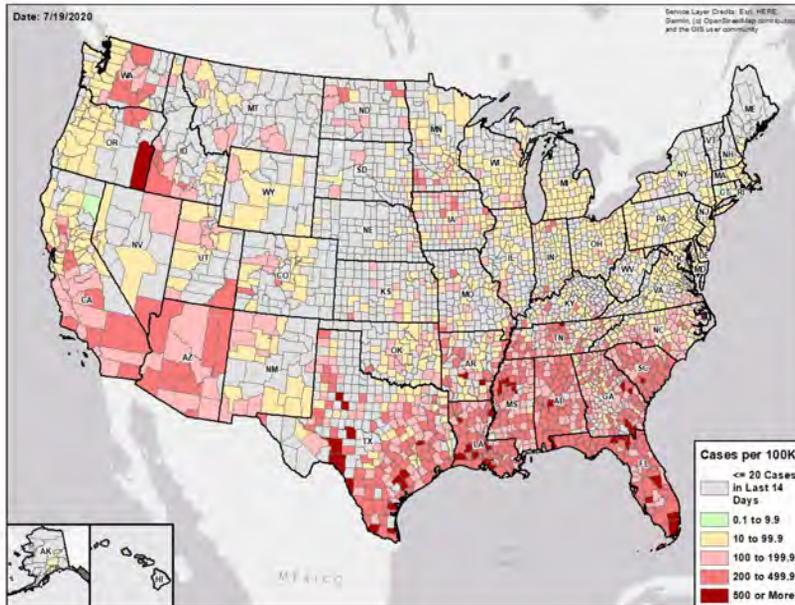
Cases: County-level data from USAFacts through 7/17/2020. Last week is 7/11 - 7/17, previous week is 7/4 - 7/10

Testing: CELR (COVID-19 Electronic Lab Reporting) state health department-reported data through 7/15/2020. Last week is 7/9 - 7/15, previous week is 7/2 - 7/8. Testing data may be backfilled over time, resulting in changes week-to-week in testing data. It is critical that states provide as up-to-date testing data as possible.

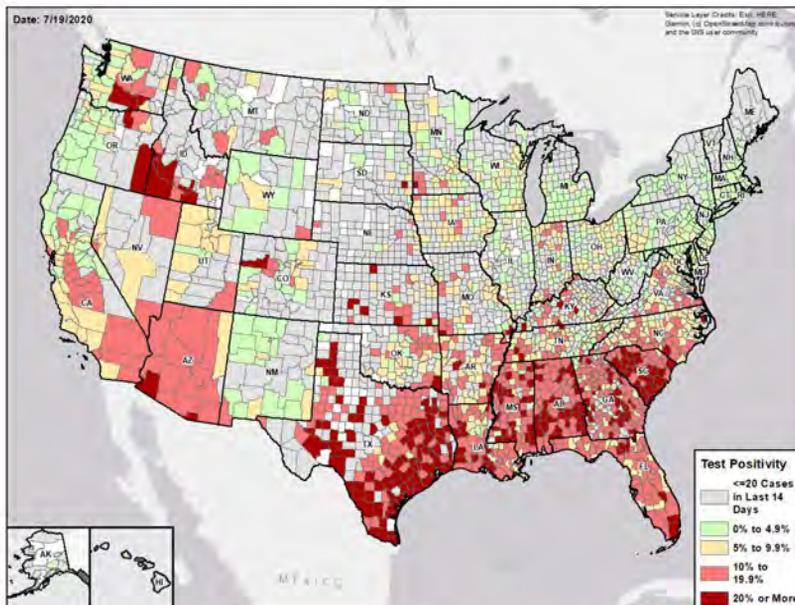


National Picture

NEW CASES PER 100,000 LAST WEEK



TEST POSITIVITY LAST WEEK



DATA SOURCES

Cases: County-level data from USAFacts through 7/17/2020. Last week is 7/11 - 7/17

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 7/15/2020. Last week is 7/9 - 7/15. Testing data may be backfilled over time, resulting in changes week-to-week in testing data. It is critical that states provide as up-to-date testing data as possible.



Methods

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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	<0.5	0.5-2	>2
Percent change in deaths per 100,000 population	<-10%	-10% - 10%	>10%
Skilled Nursing Facilities with at least one COVID-19 case	0%	0.1%-5%	>5%
Change in SNFs with at least one COVID-19 case	<-0.5%	-0.5%-0.5%	>0.5%

DATA NOTES

- Cases and deaths:** County-level data from USAFacts as of 13:00 EDT on 07/18/2020. 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 7/11 to 7/17; previous week data are from 7/4 to 7/10.
- Testing:** CELR (COVID-19 Electronic Lab Reporting) state health department-reported data are used to describe state-level totals when able to be disaggregated from serology test results and to describe county-level 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. Total diagnostic tests are the number of tests performed, not the number of individuals tested. Diagnostic test positivity rate is the number of positive tests divided by the number of tests performed and resulted. Last week data are from 7/9 to 7/15; previous week data are from 7/2 to 7/8. HHS Protect data is recent as of 16:30 EDT on 07/19/2020. Testing data are inclusive of everything received and processed by the CELR system as of 14:00 EDT on 07/19/2020. Testing data may be backfilled over time, resulting in changes week-to-week in testing data. It is critical that states provide as up-to-date testing data as possible.
- 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; 100% represents the baseline mobility level. Data is recent as of 13:00 EDT on 07/18/2020 and through 7/16/2020.
- 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.
- Skilled Nursing Facilities:** National Healthcare Safety Network (NHSN). 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 analysis. Also note that data presented by NHSN is more recent than the data publicly posted by CMS. Therefore, data presented may differ slightly from those publicly posted by CMS.



MASSACHUSETTS

STATE REPORT | 07.19.2020

SUMMARY

- Massachusetts is in the yellow zone for cases, indicating between 10 to 100 new cases per 100,000 population last week, and the green zone for test positivity, indicating a rate below 5%.
- Massachusetts has seen an increase in new cases and stability in testing positivity over the past week.
- The following three counties had the highest number of new cases over the past 3 weeks: 1. Middlesex County, 2. Suffolk County, and 3. Essex County. These counties represent 49.9 percent of new cases in Massachusetts.
- Massachusetts had 26 new cases per 100,000 population in the past week, compared to a national average of 140 per 100,000.
- The federal government has deployed the following staff as assets to support the state response: 1 from DOT; 146 to support operations activities from FEMA; 11 to support operations activities from ASPR; 2 from CDC; 18 to support operations activities from USCG; 7 to support medical activities from VA; and 1 to support operations activities from VA.
- During Jul 15 - Jul 17, on average, 11 patients with confirmed COVID-19 and 99 patients with suspected COVID-19 were reported as newly admitted each day to hospitals in Massachusetts. An average of 47 percent of hospitals reported 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

- Continue to require face masks and maintaining 6 ft distancing for people outside of their homes, especially when entering indoor spaces; continue education campaigns and enforcement of face masks as tourist season picks up.
- Continue to implement and improve the case investigation and contact tracing program, with early quarantine of contacts and isolation of cases.
- Continue weekly testing program for nursing homes and long-term care facilities and require staff to wear face masks.
- Continue to track cases, test percent positivity, and hospitalizations, and target most intense measures to the areas with highest incidence and evidence of increasing transmission.
- Specific, detailed guidance on community mitigation measures can be found on the [CDC website](#).

The purpose of this report is to develop a shared understanding of the current status of the pandemic at the national, regional, state and local levels. We recognize that data at the state level may differ from that available at the federal level. Our objective is to use consistent data sources and methods that allow for comparisons to be made across localities. We appreciate your continued support in identifying data discrepancies and improving data completeness and sharing across systems. We look forward to your feedback.

** This figure may differ from state data due to differences in hospital lists between federal and state systems or inclusion of hospitals that are not admitting COVID-19 patients. We are working to incorporate feedback on an ongoing basis to update these figures. These data exclude psychiatric, rehabilitation, and religious non-medical hospitals.*



COVID-19

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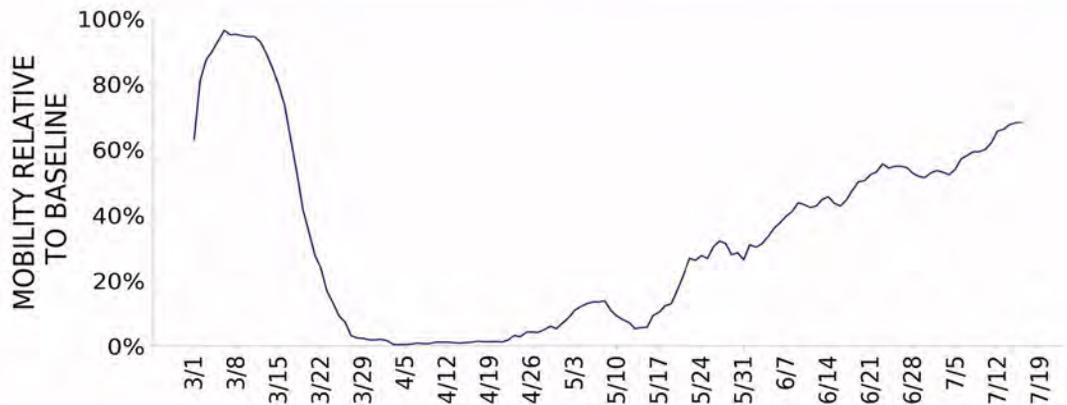


MASSACHUSETTS

STATE REPORT | 07.19.2020

	STATE, LAST WEEK	STATE, % CHANGE FROM PREVIOUS WEEK	FEMA/HHS REGION, LAST WEEK	UNITED STATES, LAST WEEK
NEW CASES (RATE PER 100,000)	1,769 (26)	+19.4%	3,236 (22)	460,366 (140)
DIAGNOSTIC TEST POSITIVITY RATE	1.8%	-0.4%*	1.7%	9.1%
TOTAL DIAGNOSTIC TESTS (TESTS PER 100,000)	103,427 (1,501)	+27.0%	184,227 (1,241)	4,940,998 (1,505)
COVID DEATHS (RATE PER 100,000)	106 (2)	-28.9%	179 (1)	5,122 (2)
SNFs WITH AT LEAST ONE COVID-19 CASE	6.0%	+0.2%	7.0%	10.0%

MOBILITY



* Indicates absolute change in percentage points

DATA SOURCES

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 7/17/2020; last week is 7/11 - 7/17, previous week is 7/4 - 7/10.

Testing: State-level values calculated by using 7-day rolling averages of reported tests. Regional- and national-level values calculated by using a 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 7/15/2020. Last week is 7/9 - 7/15, previous week is 7/2 - 7/8. Testing data are inclusive of everything received and processed by the CELR system as of 14:00 EDT on 07/19/2020. Some dates may be incomplete due to delays in reporting. Testing data may be backfilled over time, resulting in changes week-to-week in testing data. It is critical that states provide as up-to-date testing data as possible.

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; 100% represents the baseline mobility level. Data is anonymized and provided at the county level. Data through 7/16/2020.

SNFs: Skilled nursing facilities. National Healthcare Safety Network. Last week is 7/6-7/12, previous week is 6/29-7/5.



MASSACHUSETTS

STATE REPORT | 07.19.2020

LOCALITIES IN RED ZONE

LOCALITIES IN YELLOW ZONE

METRO AREA (CBSA) LAST WEEK

0	N/A
----------	-----

0	N/A
----------	-----

COUNTY LAST WEEK

0	N/A
----------	-----

0	N/A
----------	-----

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 a diagnostic test positivity result above 10%.

Yellow Zone: Those core-based statistical areas (CBSAs) and counties that during the last week reported both new cases between 10-100 per 100,000 population, and a diagnostic test positivity result between 5-10%, or one of those two conditions and one condition qualifying as being in the “Red Zone.”

Note: Top 12 locations are selected based on the highest number of new cases in the last three weeks.

DATA SOURCES

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Testing: CELR (COVID-19 Electronic Lab Reporting) state health department-reported data through 7/15/2020. Last week is 7/9 - 7/15. Testing data may be backfilled over time, resulting in changes week-to-week in testing data. It is critical that states provide as up-to-date testing data as possible.

POLICY RECOMMENDATIONS FOR COUNTIES IN THE RED ZONE

Public Messaging

- Wear a mask at all times outside the home and maintain physical distance
- Limit social gatherings to 10 people or fewer
- Do not go to bars, nightclubs, or gyms
- Use take out or eat outdoors socially distanced
- Protect anyone with serious medical conditions at home by social distancing at home and using high levels of personal hygiene, including handwashing and cleaning surfaces
- Reduce your public interactions and activities to 25% of your normal activity

Public Officials

- Close bars and gyms, and create outdoor dining opportunities with pedestrian areas
- Limit social gatherings to 10 people or fewer
- Institute routine weekly testing of all workers in assisted living and long-term care facilities. Require masks for all staff and prohibit visitors
- Ensure that all business retailers and personal services require masks and can safely social distance
- Increase messaging on the risk of serious disease for individuals in all age groups with preexisting obesity, hypertension, and diabetes mellitus, and recommend to shelter in place
- Work with local community groups to provide targeted, tailored messaging to communities with high case rates, and increase community level testing
- Recruit more contact tracers as community outreach workers to ensure all cases are contacted and all positive households are individually tested within 24 hours
- Provide isolation facilities outside of households if COVID-positive individuals can't quarantine successfully

Testing

- Move to community-led neighborhood testing and work with local community groups to increase access to testing
- Surge testing and contact tracing resources to neighborhoods and zip codes with highest case rates
- **Diagnostic pooling:** Laboratories should use pooling of samples to increase testing access and reduce turnaround times to under 12 hours. Consider pools of 2-3 individuals in high incidence settings and 5:1 pools in setting where test positivity is under 10%
- **Surveillance pooling:** For family and cohabitating households, screen entire households in a single test by pooling specimens of all members into single collection device

POLICY RECOMMENDATIONS FOR COUNTIES IN THE YELLOW ZONE IN ORDER TO PREEMPT EXPONENTIAL COMMUNITY SPREAD

Public Messaging

- Wear a mask at all times outside the home and maintain physical distance
- Limit social gatherings to 25 people or fewer
- Do not go to bars or nightclubs
- Use take out, outdoor dining or indoor dining when strict social distancing can be maintained
- Protect anyone with serious medical conditions at home by social distancing at home and using high levels of personal hygiene
- Reduce your public interactions and activities to 50% of your normal activity

Public Officials

- Limit gyms to 25% occupancy and close bars until percent positive rates are under 3%; create outdoor dining opportunities with pedestrian areas
- Limit social gatherings to 25 people or fewer
- Institute routine weekly testing of all workers in assisted living and long-term care facilities. Require masks for all staff and prohibit visitors
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Testing

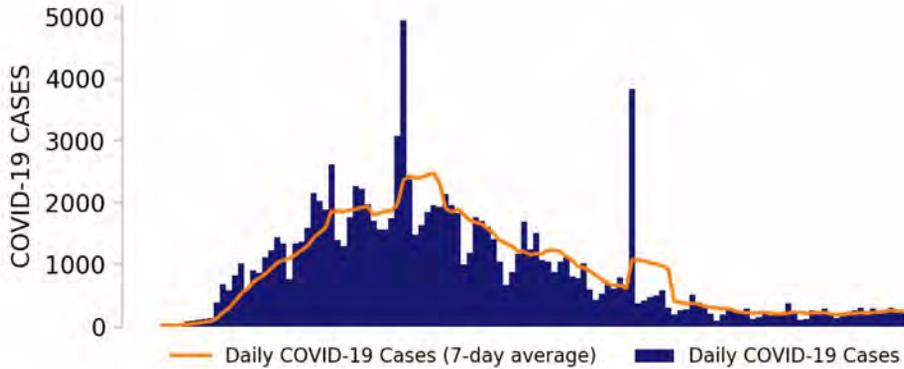
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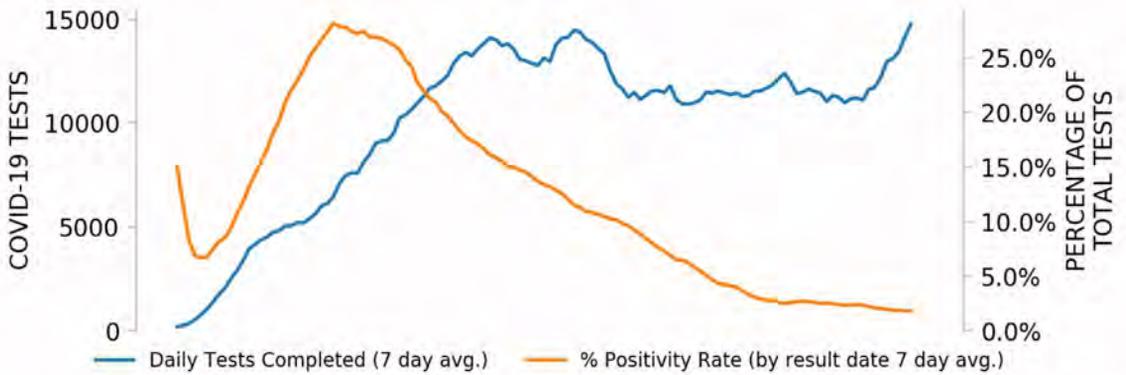
MASSACHUSETTS

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NEW CASES

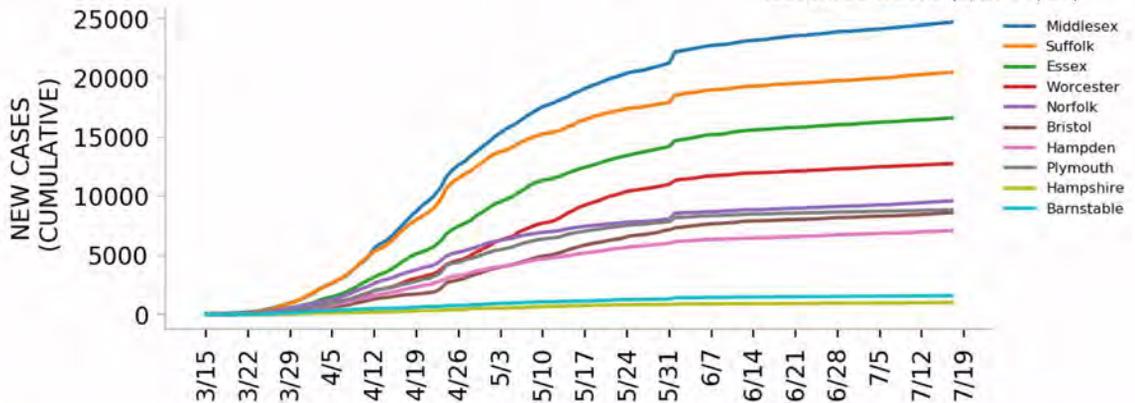


TESTING



Top counties based on greatest number of new cases in last three weeks (6/27 - 7/17)

TOP COUNTIES



DATA SOURCES

Cases: County-level data from USAFacts. 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 7/17/2020.

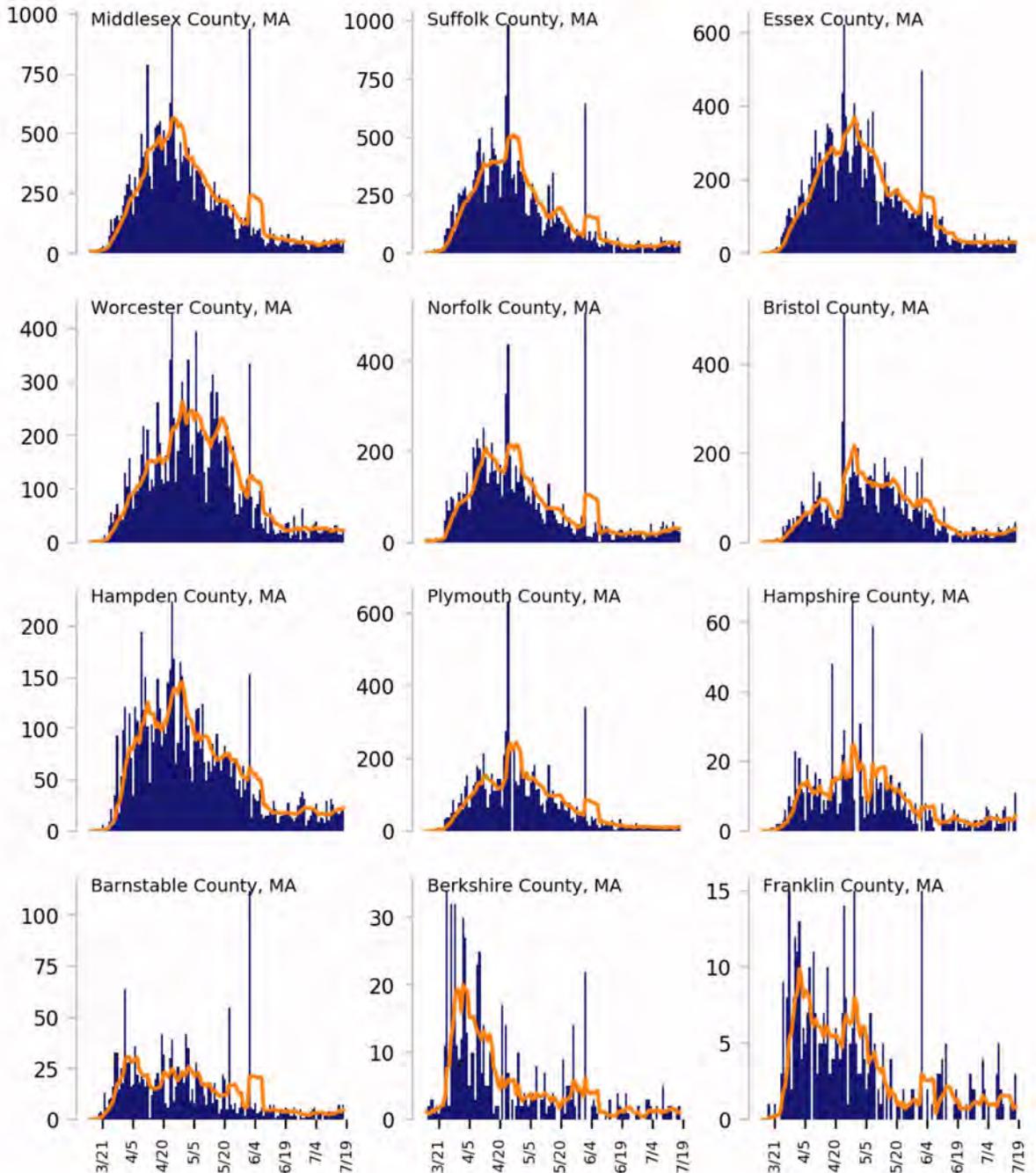
Testing: CELR (COVID-19 Electronic Lab Reporting) state health department-reported data through 7/15/2020.



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



DATA SOURCES

Cases: County-level data from USAFacts through 7/17/2020. Last 3 weeks is 6/27 - 7/17.

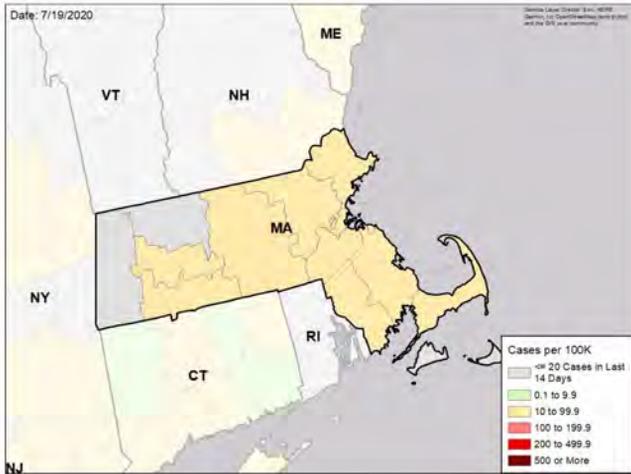


MASSACHUSETTS

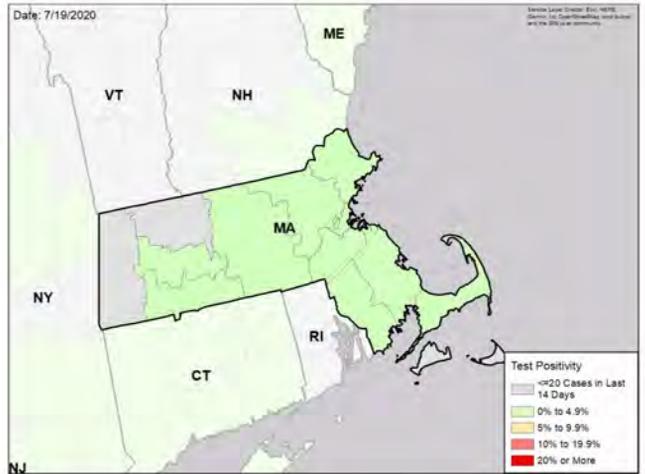
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CASE RATES AND DIAGNOSTIC TEST POSITIVITY DURING THE LAST WEEK

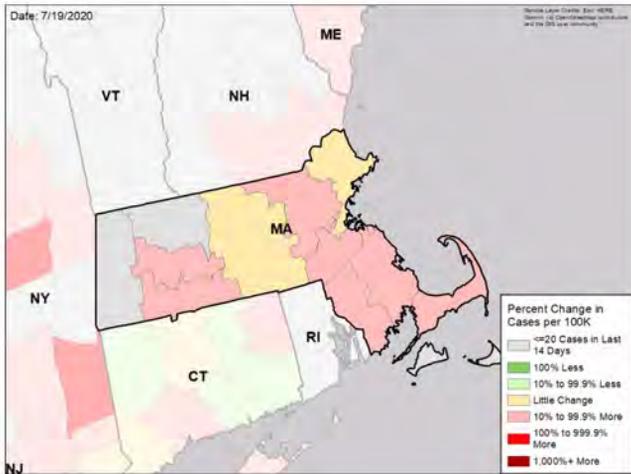
NEW CASES PER 100,000 DURING LAST WEEK



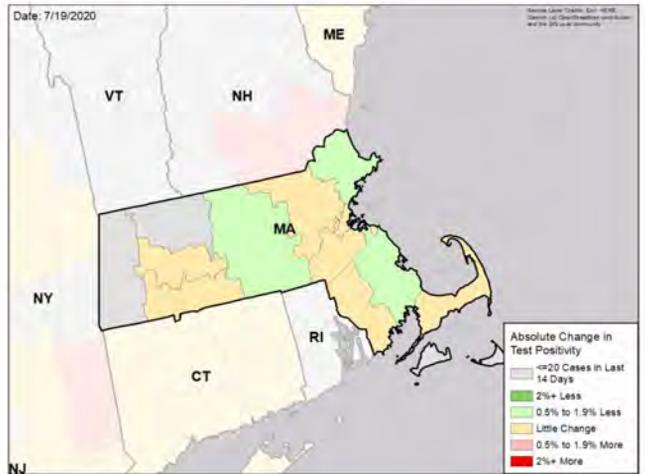
TEST POSITIVITY DURING LAST WEEK



WEEKLY % CHANGE IN NEW CASES PER 100K



WEEKLY CHANGE IN TEST POSITIVITY



DATA SOURCES

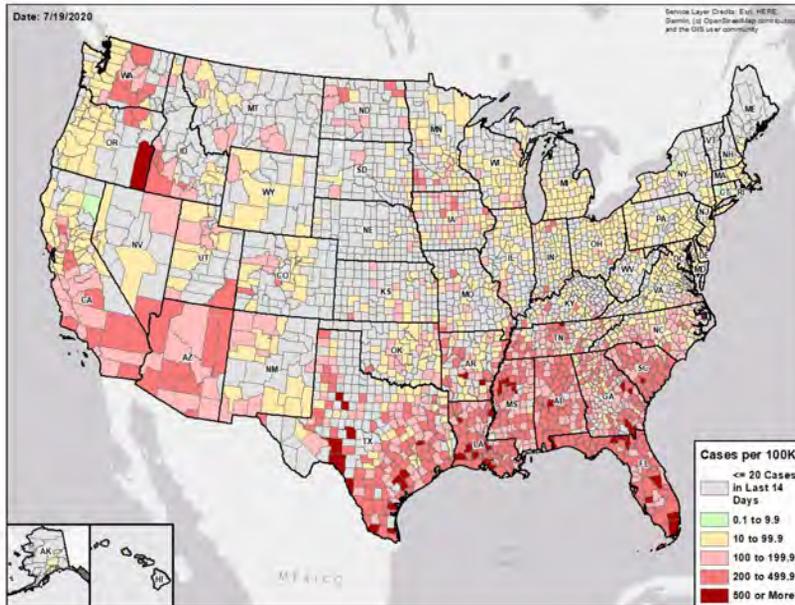
Cases: County-level data from USAFacts through 7/17/2020. Last week is 7/11 - 7/17, previous week is 7/4 - 7/10

Testing: CELR (COVID-19 Electronic Lab Reporting) state health department-reported data through 7/15/2020. Last week is 7/9 - 7/15, previous week is 7/2 - 7/8. Testing data may be backfilled over time, resulting in changes week-to-week in testing data. It is critical that states provide as up-to-date testing data as possible.

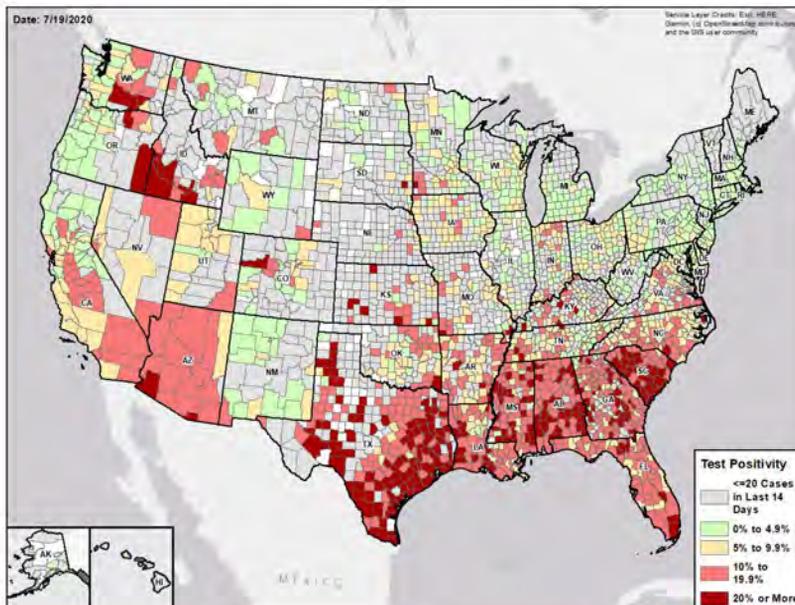


National Picture

NEW CASES PER 100,000 LAST WEEK



TEST POSITIVITY LAST WEEK



DATA SOURCES

Cases: County-level data from USAFacts through 7/17/2020. Last week is 7/11 - 7/17

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 7/15/2020. Last week is 7/9 - 7/15. Testing data may be backfilled over time, resulting in changes week-to-week in testing data. It is critical that states provide as up-to-date testing data as possible.



Methods

STATE REPORT | 07.19.2020

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)

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	<0.5	0.5-2	>2
Percent change in deaths per 100,000 population	<-10%	-10% - 10%	>10%
Skilled Nursing Facilities with at least one COVID-19 case	0%	0.1%-5%	>5%
Change in SNFs with at least one COVID-19 case	<-0.5%	-0.5%-0.5%	>0.5%

DATA NOTES

- Cases and deaths:** County-level data from USAFacts as of 13:00 EDT on 07/18/2020. 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 7/11 to 7/17; previous week data are from 7/4 to 7/10.
- Testing:** CELR (COVID-19 Electronic Lab Reporting) state health department-reported data are used to describe state-level totals when able to be disaggregated from serology test results and to describe county-level 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. Total diagnostic tests are the number of tests performed, not the number of individuals tested. Diagnostic test positivity rate is the number of positive tests divided by the number of tests performed and resulted. Last week data are from 7/9 to 7/15; previous week data are from 7/2 to 7/8. HHS Protect data is recent as of 16:30 EDT on 07/19/2020. Testing data are inclusive of everything received and processed by the CELR system as of 14:00 EDT on 07/19/2020. Testing data may be backfilled over time, resulting in changes week-to-week in testing data. It is critical that states provide as up-to-date testing data as possible.
- 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; 100% represents the baseline mobility level. Data is recent as of 13:00 EDT on 07/18/2020 and through 7/16/2020.
- 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.
- Skilled Nursing Facilities:** National Healthcare Safety Network (NHSN). 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 analysis. Also note that data presented by NHSN is more recent than the data publicly posted by CMS. Therefore, data presented may differ slightly from those publicly posted by CMS.



MICHIGAN

STATE REPORT | 07.19.2020

SUMMARY

- Michigan is in the yellow zone for cases, indicating between 10 to 100 new cases per 100,000 population last week, and the green zone for test positivity, indicating a rate below 5%.
- Michigan has seen an increase in new cases and stability in testing positivity over the past week.
- The following three counties had the highest number of new cases over the past 3 weeks: 1. Wayne County, 2. Kent County, and 3. Oakland County. These counties represent 46.9 percent of new cases in Michigan.
- Michigan had 49 new cases per 100,000 population in the past week, compared to a national average of 140 per 100,000.
- The federal government has deployed the following staff as assets to support the state response: 11 to support operations activities from FEMA; 6 to support operations activities from USCG; 2 to support medical activities from VA; and 1 to support operations activities from VA.
- During Jul 15 - Jul 17, on average, 38 patients with confirmed COVID-19 and 87 patients with suspected COVID-19 were reported as newly admitted each day to hospitals in Michigan. An average of 71 percent of hospitals reported 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

- Continue limitations on indoor seating in bars in highly affected areas; consider further modulation of the current phase 4/5 opening status, especially for occupancy or operation of certain businesses (bars, restaurants) dependent on changes in local reported cases.
- Continue the state masking requirement. Continue strong public messaging of its importance in avoiding disruptions to business and school operations.
- Work with local community groups to provide targeted, tailored messaging to communities with high case rates and increase community level testing.
- Recruit sufficient contact tracers as community outreach workers to ensure all cases are contacted and all members of positive households are individually tested within 24 hours.
- Protect those in nursing homes and long-term care facilities by assuring access to rapid facility-wide testing in response to a resident or staff member with COVID-19. Address staff and supply shortages. Ensure social distancing and universal facemask use.
- Specific, detailed guidance on community mitigation measures can be found on the [CDC website](#).

The purpose of this report is to develop a shared understanding of the current status of the pandemic at the national, regional, state and local levels. We recognize that data at the state level may differ from that available at the federal level. Our objective is to use consistent data sources and methods that allow for comparisons to be made across localities. We appreciate your continued support in identifying data discrepancies and improving data completeness and sharing across systems. We look forward to your feedback.

** This figure may differ from state data due to differences in hospital lists between federal and state systems or inclusion of hospitals that are not admitting COVID-19 patients. We are working to incorporate feedback on an ongoing basis to update these figures. These data exclude psychiatric, rehabilitation, and religious non-medical hospitals.*



COVID-19

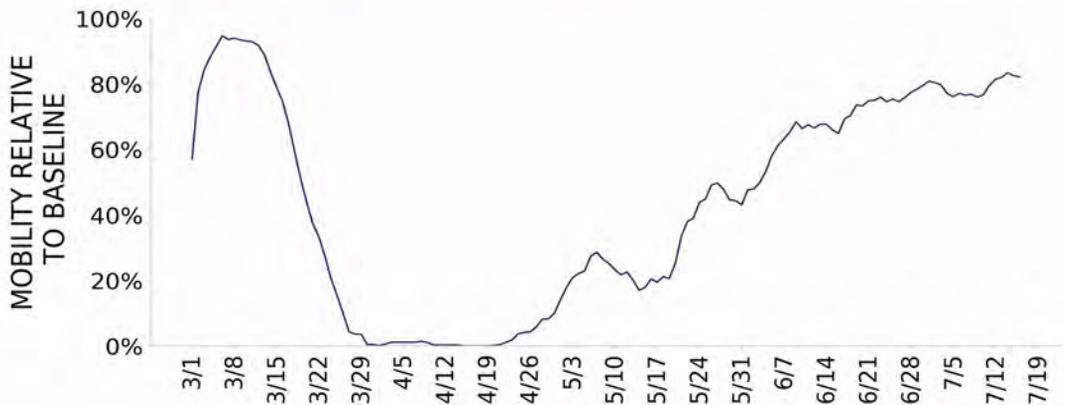


MICHIGAN

STATE REPORT | 07.19.2020

	STATE, LAST WEEK	STATE, % CHANGE FROM PREVIOUS WEEK	FEMA/HHS REGION, LAST WEEK	UNITED STATES, LAST WEEK
NEW CASES (RATE PER 100,000)	4,909 (49)	+40.0%	36,439 (69)	460,366 (140)
DIAGNOSTIC TEST POSITIVITY RATE	3.6%	+0.4%*	5.0%	9.1%
TOTAL DIAGNOSTIC TESTS (TESTS PER 100,000)	182,591 (1,828)	+15.2%	883,705 (1,682)	4,940,998 (1,505)
COVID DEATHS (RATE PER 100,000)	71 (1)	+1.4%	401 (1)	5,122 (2)
SNFs WITH AT LEAST ONE COVID-19 CASE	8.6%	-0.1%	7.0%	10.0%

MOBILITY



* Indicates absolute change in percentage points

DATA SOURCES

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 7/17/2020; last week is 7/11 - 7/17, previous week is 7/4 - 7/10.

Testing: State-level values calculated by using 7-day rolling averages of reported tests. Regional- and national-level values calculated by using a 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 7/15/2020. Last week is 7/9 - 7/15, previous week is 7/2 - 7/8. Testing data are inclusive of everything received and processed by the CELR system as of 14:00 EDT on 07/19/2020. Some dates may be incomplete due to delays in reporting. Testing data may be backfilled over time, resulting in changes week-to-week in testing data. It is critical that states provide as up-to-date testing data as possible.

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; 100% represents the baseline mobility level. Data is anonymized and provided at the county level. Data through 7/16/2020.

SNFs: Skilled nursing facilities. National Healthcare Safety Network. Last week is 7/6-7/12, previous week is 6/29-7/5.



MICHIGAN

STATE REPORT | 07.19.2020

LOCALITIES IN RED ZONE

LOCALITIES IN YELLOW ZONE

METRO AREA (CBSA) LAST WEEK

0	N/A
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5	Ann Arbor Saginaw South Bend-Mishawaka Marinette Coldwater
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COUNTY LAST WEEK

0	N/A
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7	Macomb Washtenaw Saginaw Oceana Branch Leelanau Otsego
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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 a diagnostic test positivity result above 10%.

Yellow Zone: Those core-based statistical areas (CBSAs) and counties that during the last week reported both new cases between 10-100 per 100,000 population, and a diagnostic test positivity result between 5-10%, or one of those two conditions and one condition qualifying as being in the “Red Zone.”

Note: Top 12 locations are selected based on the highest number of new cases in the last three weeks.

DATA SOURCES

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 7/17/2020; last week is 7/11 - 7/17, three weeks is 6/27 - 7/17.

Testing: CELR (COVID-19 Electronic Lab Reporting) state health department-reported data through 7/15/2020. Last week is 7/9 - 7/15. Testing data may be backfilled over time, resulting in changes week-to-week in testing data. It is critical that states provide as up-to-date testing data as possible.

POLICY RECOMMENDATIONS FOR COUNTIES IN THE RED ZONE

Public Messaging

- Wear a mask at all times outside the home and maintain physical distance
- Limit social gatherings to 10 people or fewer
- Do not go to bars, nightclubs, or gyms
- Use take out or eat outdoors socially distanced
- Protect anyone with serious medical conditions at home by social distancing at home and using high levels of personal hygiene, including handwashing and cleaning surfaces
- Reduce your public interactions and activities to 25% of your normal activity

Public Officials

- Close bars and gyms, and create outdoor dining opportunities with pedestrian areas
- Limit social gatherings to 10 people or fewer
- Institute routine weekly testing of all workers in assisted living and long-term care facilities. Require masks for all staff and prohibit visitors
- Ensure that all business retailers and personal services require masks and can safely social distance
- Increase messaging on the risk of serious disease for individuals in all age groups with preexisting obesity, hypertension, and diabetes mellitus, and recommend to shelter in place
- Work with local community groups to provide targeted, tailored messaging to communities with high case rates, and increase community level testing
- Recruit more contact tracers as community outreach workers to ensure all cases are contacted and all positive households are individually tested within 24 hours
- Provide isolation facilities outside of households if COVID-positive individuals can't quarantine successfully

Testing

- Move to community-led neighborhood testing and work with local community groups to increase access to testing
- Surge testing and contact tracing resources to neighborhoods and zip codes with highest case rates
- **Diagnostic pooling:** Laboratories should use pooling of samples to increase testing access and reduce turnaround times to under 12 hours. Consider pools of 2-3 individuals in high incidence settings and 5:1 pools in setting where test positivity is under 10%
- **Surveillance pooling:** For family and cohabitating households, screen entire households in a single test by pooling specimens of all members into single collection device

POLICY RECOMMENDATIONS FOR COUNTIES IN THE YELLOW ZONE IN ORDER TO PREEMPT EXPONENTIAL COMMUNITY SPREAD

Public Messaging

- Wear a mask at all times outside the home and maintain physical distance
- Limit social gatherings to 25 people or fewer
- Do not go to bars or nightclubs
- Use take out, outdoor dining or indoor dining when strict social distancing can be maintained
- Protect anyone with serious medical conditions at home by social distancing at home and using high levels of personal hygiene
- Reduce your public interactions and activities to 50% of your normal activity

Public Officials

- Limit gyms to 25% occupancy and close bars until percent positive rates are under 3%; create outdoor dining opportunities with pedestrian areas
- Limit social gatherings to 25 people or fewer
- Institute routine weekly testing of all workers in assisted living and long-term care facilities. Require masks for all staff and prohibit visitors
- Ensure that all business retailers and personal services require masks and can safely social distance
- Increase messaging on the risk of serious disease for individuals in all age groups with preexisting obesity, hypertension, and diabetes mellitus, and recommend to shelter in place
- Work with local community groups to provide targeted, tailored messaging to communities with high case rates, and increase community level testing
- Recruit more contact tracers as community outreach workers to ensure all cases are contacted and all positive households are individually tested within 24 hours
- Provide isolation facilities outside of households if COVID-positive individuals can't quarantine successfully

Testing

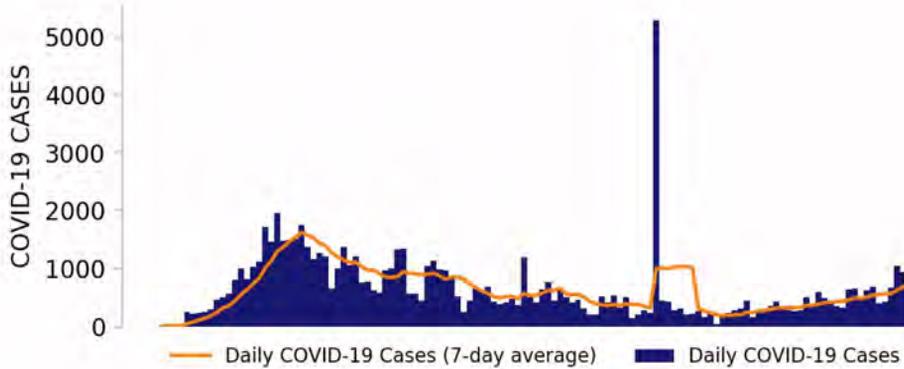
- Move to community-led neighborhood testing and work with local community groups to increase access to testing
- Surge testing and contact tracing resources to neighborhoods and zip codes with highest case rates
- **Diagnostic pooling:** Laboratories should use pooling of samples to increase testing access and reduce turnaround times to under 12 hours. Consider pools of 3-5 individuals
- **Surveillance pooling:** For family and cohabitating households, screen entire households in a single test by pooling specimens of all members into single collection device



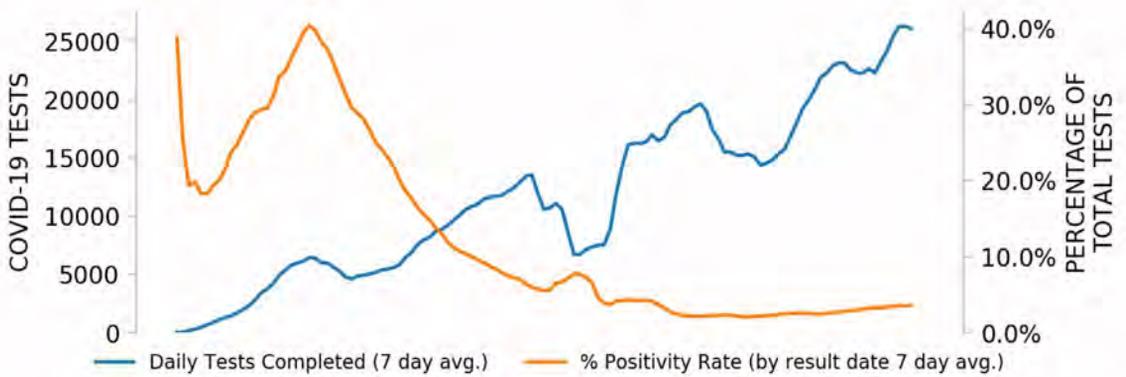
MICHIGAN

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NEW CASES

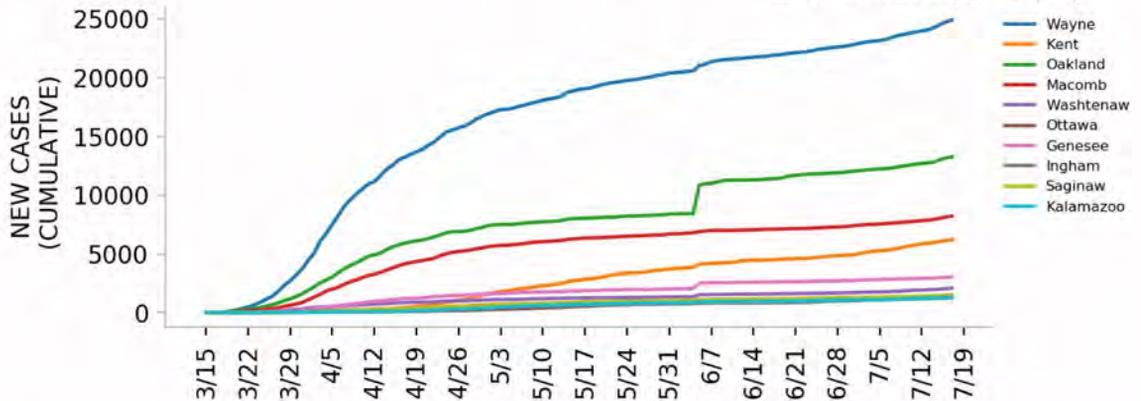


TESTING



Top counties based on greatest number of new cases in last three weeks (6/27 - 7/17)

TOP COUNTIES



DATA SOURCES

Cases: County-level data from USAFacts. 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 7/17/2020.

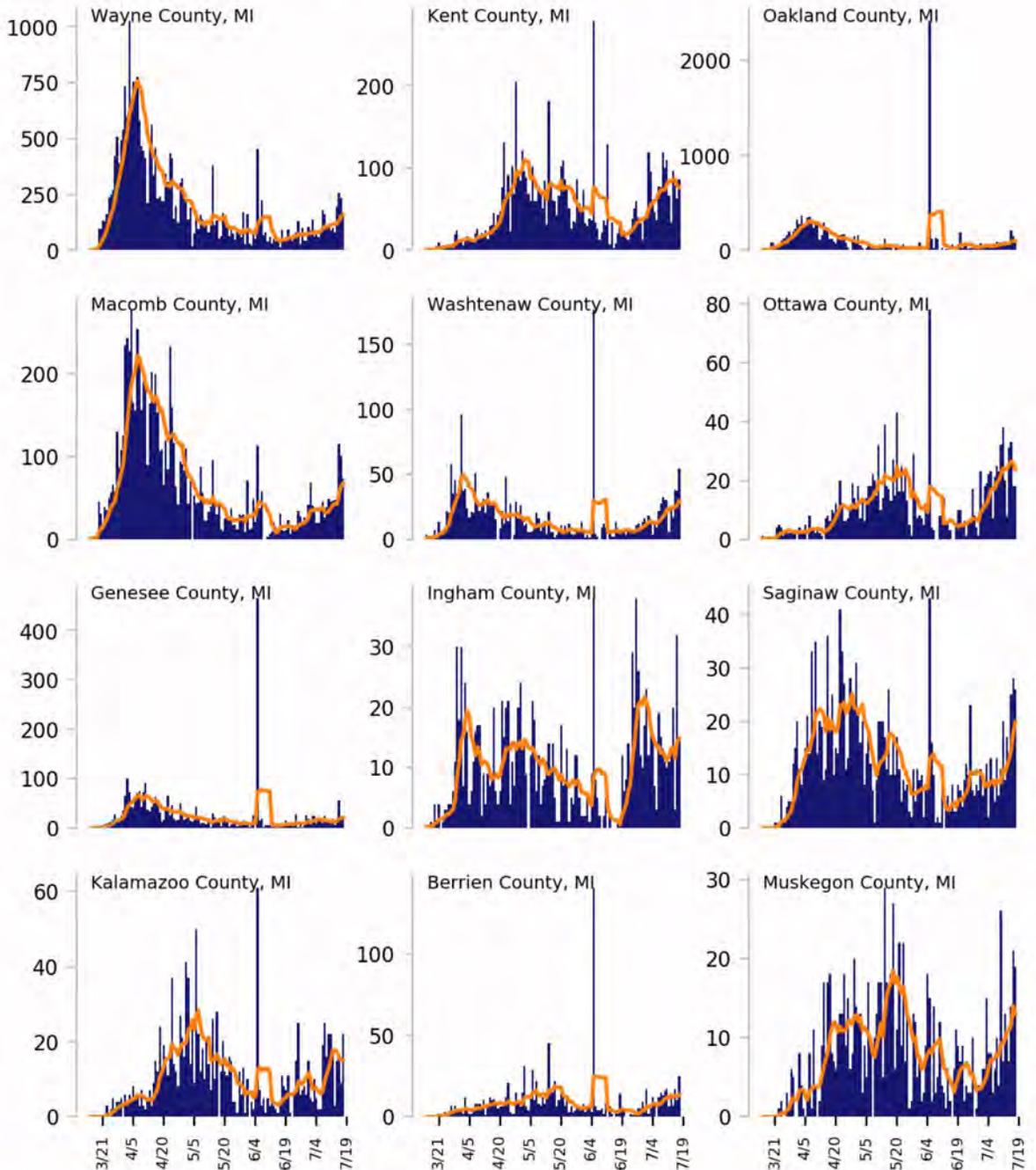
Testing: CELR (COVID-19 Electronic Lab Reporting) state health department-reported data through 7/15/2020.



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



DATA SOURCES

Cases: County-level data from USAFacts through 7/17/2020. Last 3 weeks is 6/27 - 7/17.

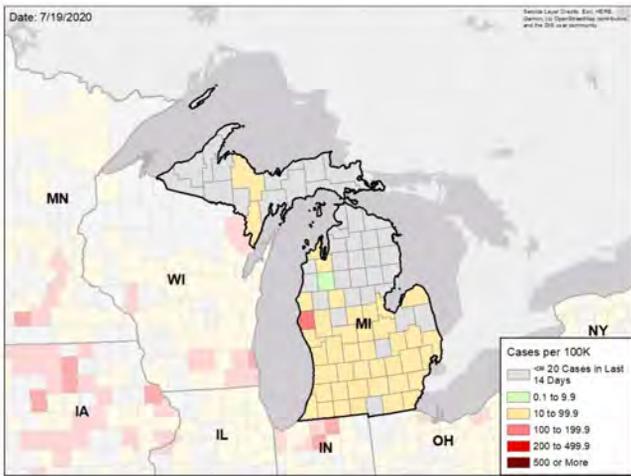


MICHIGAN

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CASE RATES AND DIAGNOSTIC TEST POSITIVITY DURING THE LAST WEEK

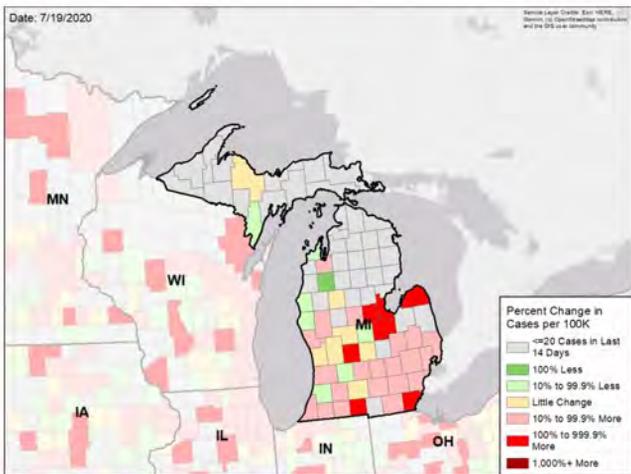
NEW CASES PER 100,000 DURING LAST WEEK



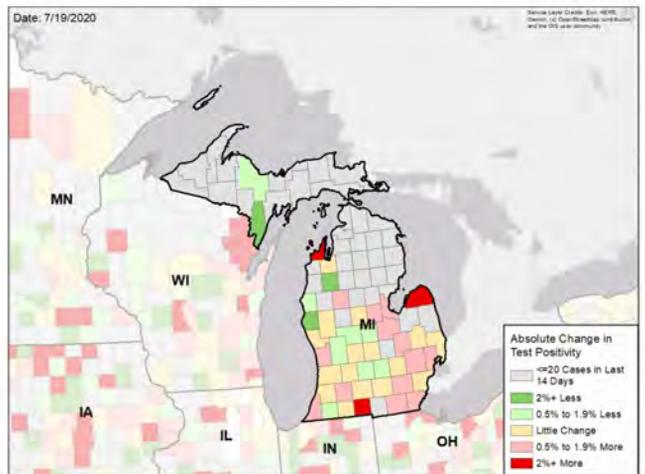
TEST POSITIVITY DURING LAST WEEK



WEEKLY % CHANGE IN NEW CASES PER 100K



WEEKLY CHANGE IN TEST POSITIVITY



DATA SOURCES

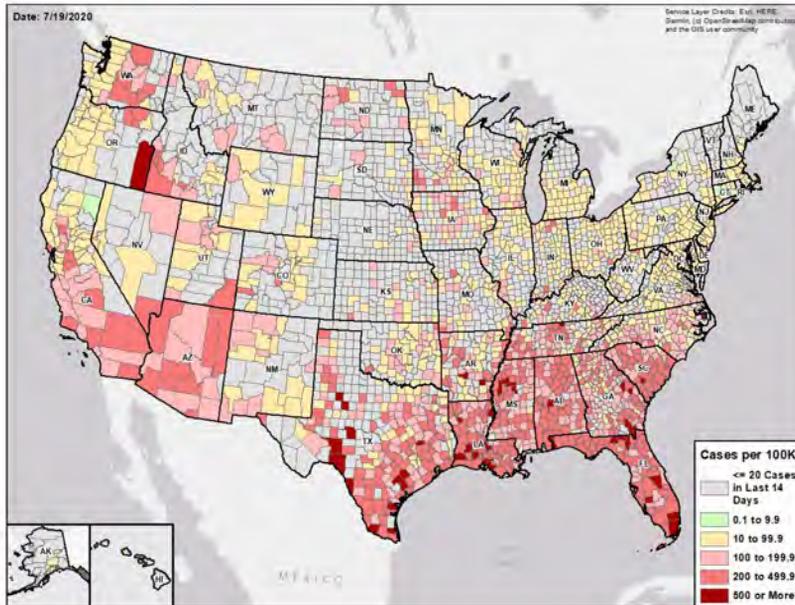
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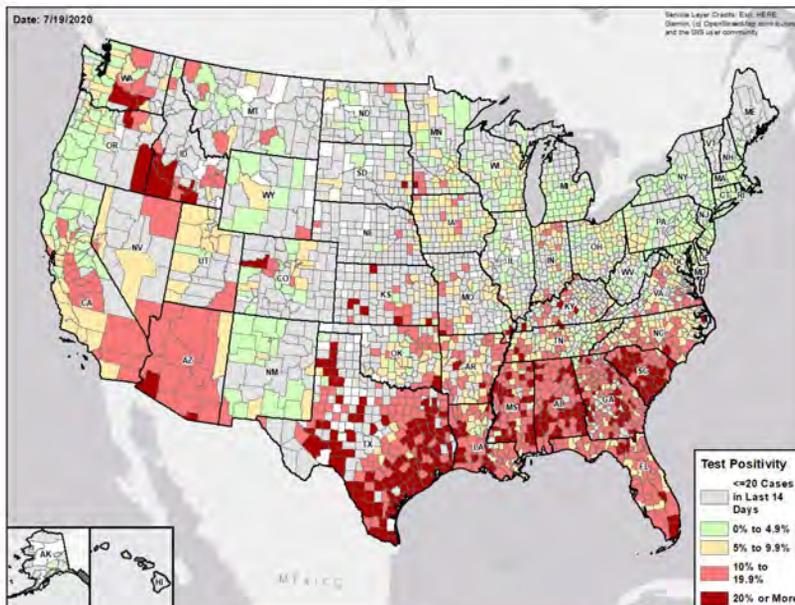


National Picture

NEW CASES PER 100,000 LAST WEEK



TEST POSITIVITY LAST WEEK



DATA SOURCES

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Methods

STATE REPORT | 07.19.2020

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Metric	Green	Yellow	Red
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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	<0.5	0.5-2	>2
Percent change in deaths per 100,000 population	<-10%	-10% - 10%	>10%
Skilled Nursing Facilities with at least one COVID-19 case	0%	0.1%-5%	>5%
Change in SNFs with at least one COVID-19 case	<-0.5%	-0.5%-0.5%	>0.5%

DATA NOTES

- Cases and deaths:** County-level data from USAFacts as of 13:00 EDT on 07/18/2020. 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 7/11 to 7/17; previous week data are from 7/4 to 7/10.
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MINNESOTA

STATE REPORT | 07.19.2020

SUMMARY

- Minnesota is in the yellow zone for cases, indicating between 10 to 100 new cases per 100,000 population last week, and the yellow zone for test positivity, indicating a rate between 5% to 10%.
- Minnesota has seen an increase in new cases and stability in testing positivity over the past week.
- The following three counties had the highest number of new cases over the past 3 weeks: 1. Hennepin County, 2. Ramsey County, and 3. Dakota County. These counties represent 47.7 percent of new cases in Minnesota.
- Minnesota had 75 new cases per 100,000 population in the past week, compared to a national average of 140 per 100,000.
- The federal government has deployed the following staff as assets to support the state response: 11 to support operations activities from FEMA and 1 to support operations activities from USCG.
- During Jul 15 - Jul 17, on average, 31 patients with confirmed COVID-19 and 147 patients with suspected COVID-19 were reported as newly admitted each day to hospitals in Minnesota. An average of 94 percent of hospitals reported 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

- Ensure that all business retailers and personal services require masks and can safely social distance. Ensure compliance with current MN StaySafe Plan occupancy restrictions and consider further limitations on occupancy or closure of certain businesses (bars, restaurants) dependent on changes in local reported cases this week.
- Support local masking requirements that are being instituted and consider a statewide requirement for counties with rapidly increasing case counts.
- Work with local community groups to provide targeted, tailored messaging to communities with high case rates and increase community level testing.
- Recruit more contact tracers as community outreach workers to ensure all cases are contacted and all members of positive households are individually tested within 24 hours.
- Protect those in nursing homes and long-term care facilities by assuring access to rapid facility-wide testing in response to a resident or staff member with COVID-19. Address staff and supply shortages. Ensure social distancing and universal facemask use.
- Specific, detailed guidance on community mitigation measures can be found on the [CDC website](#).

The purpose of this report is to develop a shared understanding of the current status of the pandemic at the national, regional, state and local levels. We recognize that data at the state level may differ from that available at the federal level. Our objective is to use consistent data sources and methods that allow for comparisons to be made across localities. We appreciate your continued support in identifying data discrepancies and improving data completeness and sharing across systems. We look forward to your feedback.

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COVID-19

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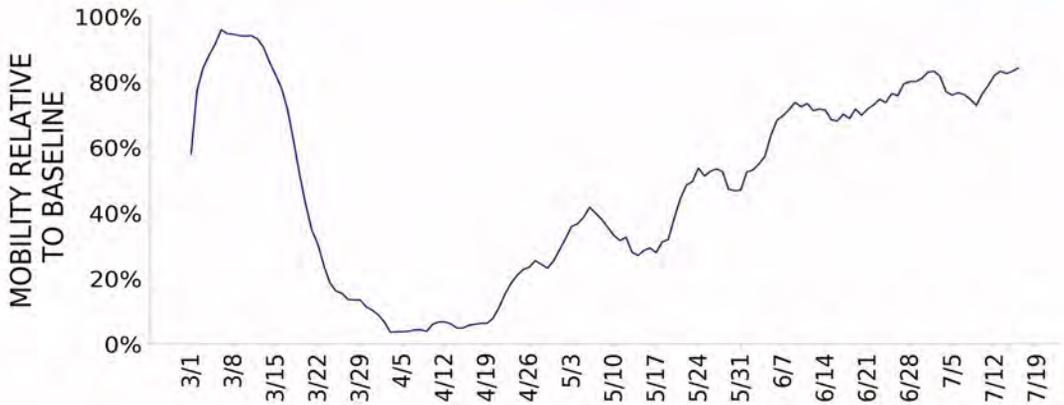


MINNESOTA

STATE REPORT | 07.19.2020

	STATE, LAST WEEK	STATE, % CHANGE FROM PREVIOUS WEEK	FEMA/HHS REGION, LAST WEEK	UNITED STATES, LAST WEEK
NEW CASES (RATE PER 100,000)	4,247 (75)	+35.2%	36,439 (69)	460,366 (140)
DIAGNOSTIC TEST POSITIVITY RATE	5.3%	-0.0%*	5.0%	9.1%
TOTAL DIAGNOSTIC TESTS (TESTS PER 100,000)	110,388 (1,957)	+57.4%	883,705 (1,682)	4,940,998 (1,505)
COVID DEATHS (RATE PER 100,000)	43 (1)	+72.0%	401 (1)	5,122 (2)
SNFs WITH AT LEAST ONE COVID-19 CASE	4.0%	-0.5%	7.0%	10.0%

MOBILITY



* Indicates absolute change in percentage points

DATA SOURCES

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SNFs: Skilled nursing facilities. National Healthcare Safety Network. Last week is 7/6-7/12, previous week is 6/29-7/5.



MINNESOTA

STATE REPORT | 07.19.2020

LOCALITIES IN RED ZONE

LOCALITIES IN YELLOW ZONE

METRO AREA (CBSA) LAST WEEK

2

Marshall
Worthington

5

Minneapolis-St. Paul-Bloomington
Mankato
Owatonna
Bemidji
New Ulm

COUNTY LAST WEEK

6

Blue Earth
Pipestone
Lyon
Nobles
Murray
Lincoln

29

Top 12 shown (full list below)

Hennepin
Ramsey
Dakota
Anoka
Stearns
Washington
Scott
Carver
Clay
Nicollet
Watonwan
Le Sueur

All Yellow Counties: Hennepin, Ramsey, Dakota, Anoka, Stearns, Washington, Scott, Carver, Clay, Nicollet, Watonwan, Le Sueur, Steele, Beltrami, Dodge, Waseca, Brown, Grant, Sibley, Faribault, Becker, Koochiching, Fillmore, Cottonwood, Mahnommen, Pennington, Jackson, Rock, Traverse

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 a diagnostic test positivity result above 10%.

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

Note: Top 12 locations are selected based on the highest number of new cases in the last three weeks.

DATA SOURCES

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POLICY RECOMMENDATIONS FOR COUNTIES IN THE RED ZONE

Public Messaging

- Wear a mask at all times outside the home and maintain physical distance
- Limit social gatherings to 10 people or fewer
- Do not go to bars, nightclubs, or gyms
- Use take out or eat outdoors socially distanced
- Protect anyone with serious medical conditions at home by social distancing at home and using high levels of personal hygiene, including handwashing and cleaning surfaces
- Reduce your public interactions and activities to 25% of your normal activity

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- Institute routine weekly testing of all workers in assisted living and long-term care facilities. Require masks for all staff and prohibit visitors
- Ensure that all business retailers and personal services require masks and can safely social distance
- Increase messaging on the risk of serious disease for individuals in all age groups with preexisting obesity, hypertension, and diabetes mellitus, and recommend to shelter in place
- Work with local community groups to provide targeted, tailored messaging to communities with high case rates, and increase community level testing
- Recruit more contact tracers as community outreach workers to ensure all cases are contacted and all positive households are individually tested within 24 hours
- Provide isolation facilities outside of households if COVID-positive individuals can't quarantine successfully

Testing

- Move to community-led neighborhood testing and work with local community groups to increase access to testing
- Surge testing and contact tracing resources to neighborhoods and zip codes with highest case rates
- **Diagnostic pooling:** Laboratories should use pooling of samples to increase testing access and reduce turnaround times to under 12 hours. Consider pools of 2-3 individuals in high incidence settings and 5:1 pools in setting where test positivity is under 10%
- **Surveillance pooling:** For family and cohabitating households, screen entire households in a single test by pooling specimens of all members into single collection device

POLICY RECOMMENDATIONS FOR COUNTIES IN THE YELLOW ZONE IN ORDER TO PREEMPT EXPONENTIAL COMMUNITY SPREAD

Public Messaging

- Wear a mask at all times outside the home and maintain physical distance
- Limit social gatherings to 25 people or fewer
- Do not go to bars or nightclubs
- Use take out, outdoor dining or indoor dining when strict social distancing can be maintained
- Protect anyone with serious medical conditions at home by social distancing at home and using high levels of personal hygiene
- Reduce your public interactions and activities to 50% of your normal activity

Public Officials

- Limit gyms to 25% occupancy and close bars until percent positive rates are under 3%; create outdoor dining opportunities with pedestrian areas
- Limit social gatherings to 25 people or fewer
- Institute routine weekly testing of all workers in assisted living and long-term care facilities. Require masks for all staff and prohibit visitors
- Ensure that all business retailers and personal services require masks and can safely social distance
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- Provide isolation facilities outside of households if COVID-positive individuals can't quarantine successfully

Testing

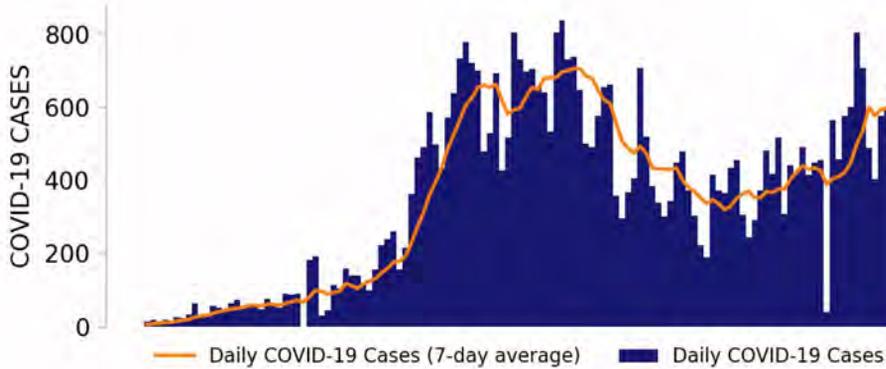
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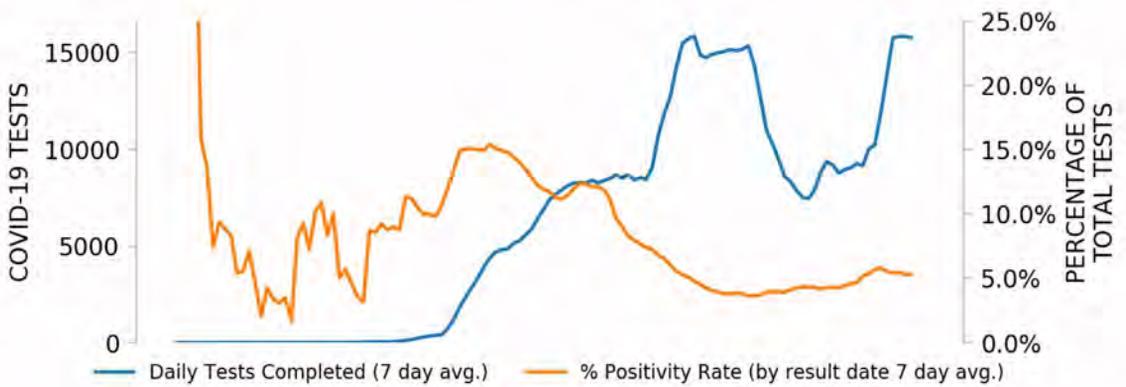
MINNESOTA

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NEW CASES

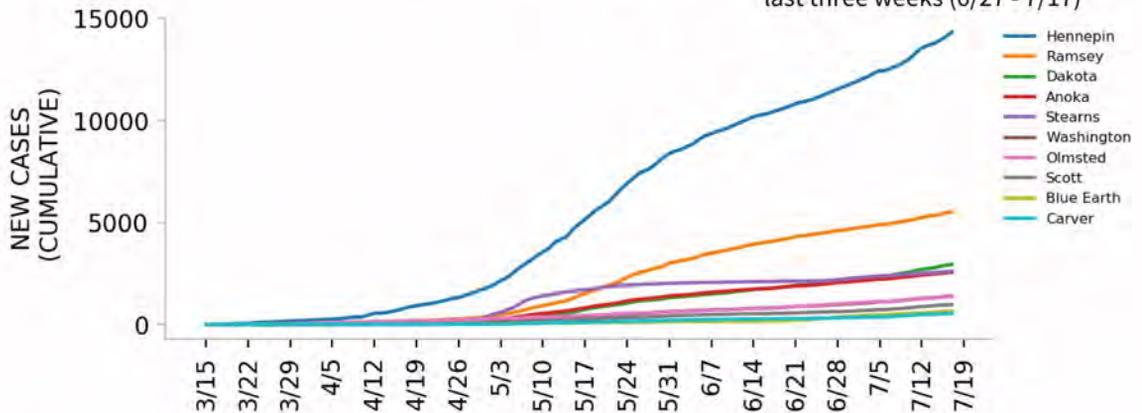


TESTING



Top counties based on greatest number of new cases in last three weeks (6/27 - 7/17)

TOP COUNTIES



DATA SOURCES

Cases: County-level data from USAFacts. 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 7/17/2020.

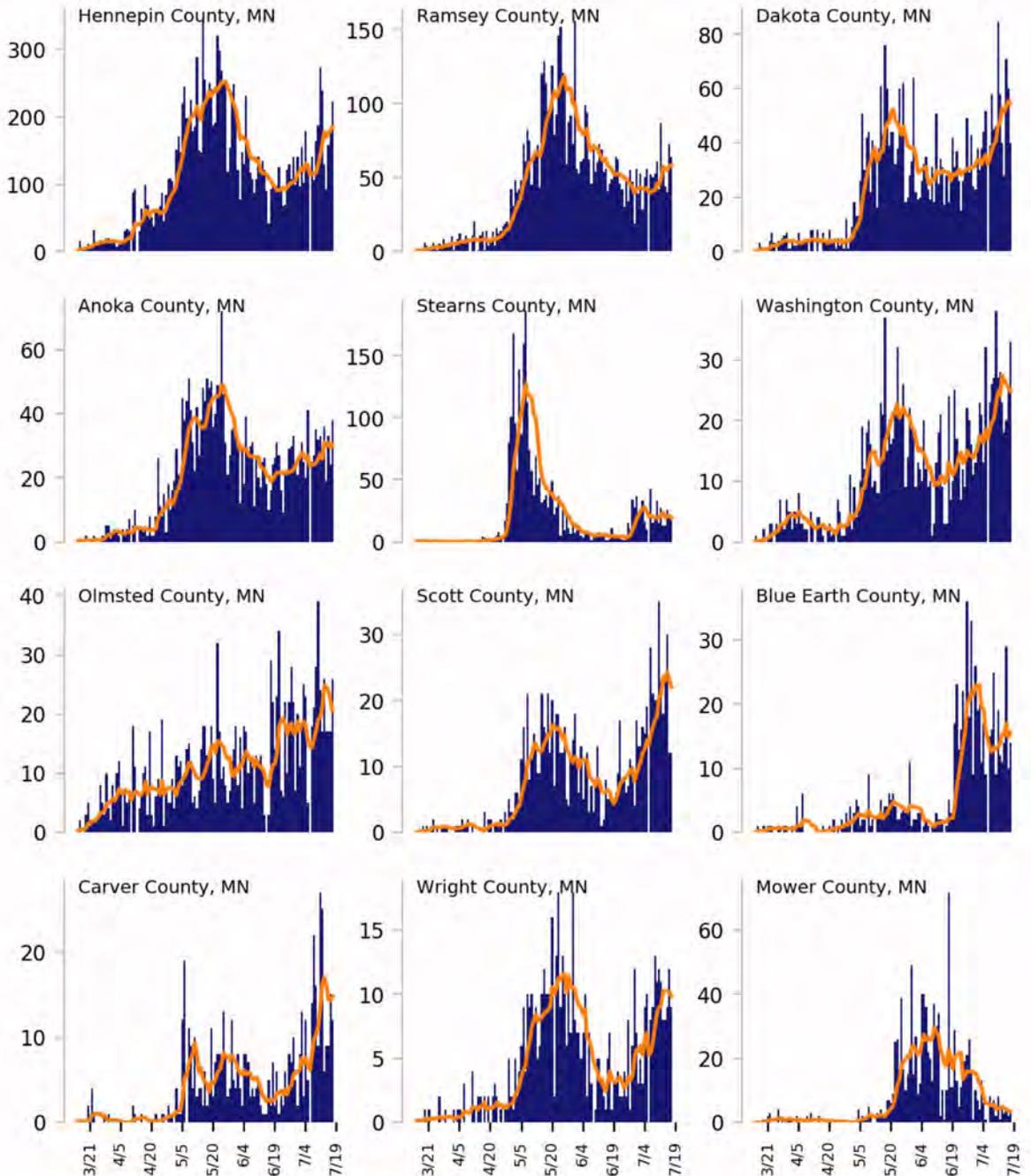
Testing: CELR (COVID-19 Electronic Lab Reporting) state health department-reported data through 7/15/2020.



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



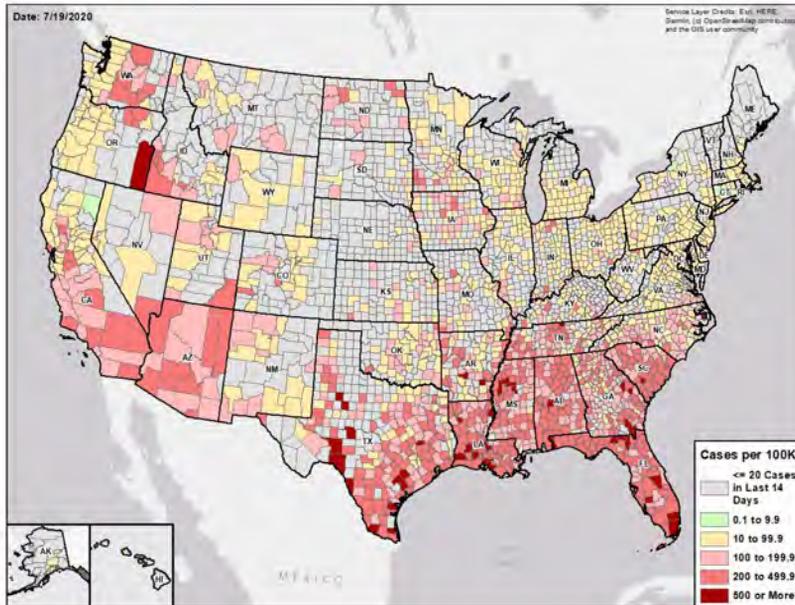
DATA SOURCES

Cases: County-level data from USAFacts through 7/17/2020. Last 3 weeks is 6/27 - 7/17.

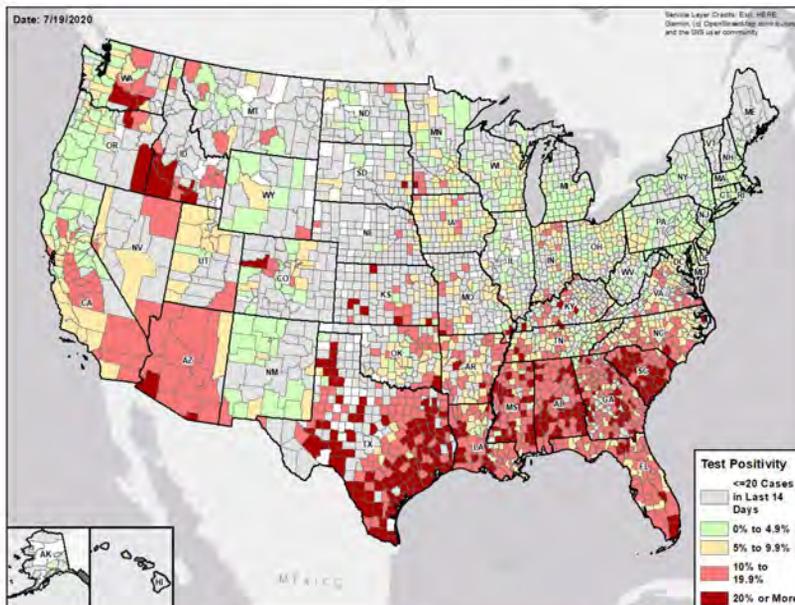


National Picture

NEW CASES PER 100,000 LAST WEEK



TEST POSITIVITY LAST WEEK



DATA SOURCES

Cases: County-level data from USAFacts through 7/17/2020. Last week is 7/11 - 7/17

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 7/15/2020. Last week is 7/9 - 7/15. Testing data may be backfilled over time, resulting in changes week-to-week in testing data. It is critical that states provide as up-to-date testing data as possible.



Methods

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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	<0.5	0.5-2	>2
Percent change in deaths per 100,000 population	<-10%	-10% - 10%	>10%
Skilled Nursing Facilities with at least one COVID-19 case	0%	0.1%-5%	>5%
Change in SNFs with at least one COVID-19 case	<-0.5%	-0.5%-0.5%	>0.5%

DATA NOTES

- Cases and deaths:** County-level data from USAFacts as of 13:00 EDT on 07/18/2020. 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 7/11 to 7/17; previous week data are from 7/4 to 7/10.
- Testing:** CELR (COVID-19 Electronic Lab Reporting) state health department-reported data are used to describe state-level totals when able to be disaggregated from serology test results and to describe county-level 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. Total diagnostic tests are the number of tests performed, not the number of individuals tested. Diagnostic test positivity rate is the number of positive tests divided by the number of tests performed and resulted. Last week data are from 7/9 to 7/15; previous week data are from 7/2 to 7/8. HHS Protect data is recent as of 16:30 EDT on 07/19/2020. Testing data are inclusive of everything received and processed by the CELR system as of 14:00 EDT on 07/19/2020. Testing data may be backfilled over time, resulting in changes week-to-week in testing data. It is critical that states provide as up-to-date testing data as possible.
- 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; 100% represents the baseline mobility level. Data is recent as of 13:00 EDT on 07/18/2020 and through 7/16/2020.
- 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.
- Skilled Nursing Facilities:** National Healthcare Safety Network (NHSN). 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 analysis. Also note that data presented by NHSN is more recent than the data publicly posted by CMS. Therefore, data presented may differ slightly from those publicly posted by CMS.



MISSISSIPPI

STATE REPORT | 07.19.2020

SUMMARY

- Mississippi is in the red zone for cases, indicating more than 100 new cases per 100,000 population last week, and the red zone for test positivity, indicating a rate above 10%.
- Mississippi has seen an increase in new cases and stability in testing positivity over the past week.
- The following three counties had the highest number of new cases over the past 3 weeks: 1. Hinds County, 2. DeSoto County, and 3. Harrison County. These counties represent 21.5 percent of new cases in Mississippi.
- Mississippi is experiencing broad community spread across multiple counties and will require broad cross-state mitigation efforts.
- Mississippi had 209 new cases per 100,000 population in the past week, compared to a national average of 140 per 100,000.
- The federal government has deployed the following staff as assets to support the state response: 1 from CDC.
- During Jul 15 - Jul 17, on average, 114 patients with confirmed COVID-19 and 99 patients with suspected COVID-19 were reported as newly admitted each day to hospitals in Mississippi. An average of 73 percent of hospitals reported 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

- Continue weekly testing of all workers in assisted living and long-term care facilities and require masks and social distancing for all visitors.
- Mandate use of masks in all current and evolving hot spots.
- Close establishments where social distancing and mask use cannot occur such as bars.
- Move to outdoor dining and limit indoor dining to less than 25% of normal capacity.
- Ask citizens to limit social gatherings to 10 or fewer people.
- Encourage individuals that have participated in large social gatherings to get tested.
- Increase messaging regarding the risk of serious disease in all age groups with preexisting obesity, hypertension, and diabetes mellitus.
- Continue the scale-up of testing, moving to community-led neighborhood testing.
- Continue working with local communities to implement and provide clear guidance for households that test positive, including on individual isolation procedures.
- Continue to enhance contact tracing and ensure the ability of cases and contacts to quarantine or isolate safely.
- Monitor testing data to identify additional sites of increased transmission and focus public health resources on them.
- Ensure Public Health lab is fully staffed and running 24/7 utilizing all platforms.
- Specific, detailed guidance on community mitigation measures can be found on the [CDC web-site](#).

The purpose of this report is to develop a shared understanding of the current status of the pandemic at the national, regional, state and local levels. We recognize that data at the state level may differ from that available at the federal level. Our objective is to use consistent data sources and methods that allow for comparisons to be made across localities. We appreciate your continued support in identifying data discrepancies and improving data completeness and sharing across systems. We look forward to your feedback.

** This figure may differ from state data due to differences in hospital lists between federal and state systems or inclusion of hospitals that are not admitting COVID-19 patients. We are working to incorporate feedback on an ongoing basis to update these figures. These data exclude psychiatric, rehabilitation, and religious non-medical hospitals.*



COVID-19



MISSISSIPPI

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	STATE, LAST WEEK	STATE, % CHANGE FROM PREVIOUS WEEK	FEMA/HHS REGION, LAST WEEK	UNITED STATES, LAST WEEK
NEW CASES (RATE PER 100,000)	6,208 (209)	+25.7%	169,342 (253)	460,366 (140)
DIAGNOSTIC TEST POSITIVITY RATE	14.8%	-0.1%*	15.5%	9.1%
TOTAL DIAGNOSTIC TESTS (TESTS PER 100,000)	22,627 (760)	+17.0%	990,405 (1,480)	4,940,998 (1,505)
COVID DEATHS (RATE PER 100,000)	117 (4)	+3.5%	1,549 (2)	5,122 (2)
SNFs WITH AT LEAST ONE COVID-19 CASE	15.5%	-0.6%	14.2%	10.0%

MOBILITY



* Indicates absolute change in percentage points

DATA SOURCES

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 7/17/2020; last week is 7/11 - 7/17, previous week is 7/4 - 7/10.

Testing: State-level values calculated by using 7-day rolling averages of reported tests. Regional- and national-level values calculated by using a 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 7/15/2020. Last week is 7/9 - 7/15, previous week is 7/2 - 7/8. Testing data are inclusive of everything received and processed by the CELR system as of 14:00 EDT on 07/19/2020. Some dates may be incomplete due to delays in reporting. Testing data may be backfilled over time, resulting in changes week-to-week in testing data. It is critical that states provide as up-to-date testing data as possible.

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; 100% represents the baseline mobility level. Data is anonymized and provided at the county level. Data through 7/16/2020.

SNFs: Skilled nursing facilities. National Healthcare Safety Network. Last week is 7/6-7/12, previous week is 6/29-7/5.



MISSISSIPPI

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LOCALITIES IN RED ZONE

LOCALITIES IN YELLOW ZONE

METRO AREA (CBSA) LAST WEEK

22
Top 12 shown (full list below)

Jackson
Memphis
Gulfport-Biloxi
Hattiesburg
Tupelo
Greenville
Grenada
Indianola
Laurel
Cleveland
Vicksburg
Oxford

1

Columbus

COUNTY LAST WEEK

69
Top 12 shown (full list below)

Hinds
DeSoto
Harrison
Rankin
Madison
Washington
Jackson
Grenada
Forrest
Sunflower
Lamar
Panola

11

Covington
Lowndes
Marshall
Lauderdale
Montgomery
Yalobusha
Smith
Hancock
Webster
Kemper
Choctaw

All Red CBSAs: Jackson, Memphis, Gulfport-Biloxi, Hattiesburg, Tupelo, Greenville, Grenada, Indianola, Laurel, Cleveland, Vicksburg, Oxford, McComb, Meridian, Greenwood, Starkville, Natchez, Brookhaven, Picayune, Clarksdale, Corinth, West Point

All Red Counties: Hinds, DeSoto, Harrison, Rankin, Madison, Washington, Jackson, Grenada, Forrest, Sunflower, Lamar, Panola, Jones, Simpson, Lee, Bolivar, Warren, Pontotoc, Lafayette, Pike, Tate, Oktibbeha, Copiah, Monroe, Tallahatchie, Leflore, Marion, Adams, Lincoln, Yazoo, Leake, Walthall, Wayne, Neshoba, Holmes, Claiborne, Scott, Winston, Pearl River, Chickasaw, Coahoma, Calhoun, George, Alcorn, Lawrence, Humphreys, Tishomingo, Newton, Jasper, Jefferson, Prentiss, Noxubee, Itawamba, Tippah, Greene, Attala, Tunica, Clarke, Quitman, Carroll, Perry, Clay, Amite, Stone, Benton, Jefferson Davis, Sharkey, Wilkinson, Issaquena

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 a diagnostic test positivity result above 10%.

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

Note: Top 12 locations are selected based on the highest number of new cases in the last three weeks.

DATA SOURCES

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 7/17/2020; last week is 7/11 - 7/17, three weeks is 6/27 - 7/17.

Testing: HHS Protect laboratory data (provided directly to Federal Government from public health labs, hospital labs, and commercial labs) through 7/15/2020. Last week is 7/9 - 7/15. Testing data may be backfilled over time, resulting in changes week-to-week in testing data. It is critical that states provide as up-to-date testing data as possible.

POLICY RECOMMENDATIONS FOR COUNTIES IN THE RED ZONE

Public Messaging

- Wear a mask at all times outside the home and maintain physical distance
- Limit social gatherings to 10 people or fewer
- Do not go to bars, nightclubs, or gyms
- Use take out or eat outdoors socially distanced
- Protect anyone with serious medical conditions at home by social distancing at home and using high levels of personal hygiene, including handwashing and cleaning surfaces
- Reduce your public interactions and activities to 25% of your normal activity

Public Officials

- Close bars and gyms, and create outdoor dining opportunities with pedestrian areas
- Limit social gatherings to 10 people or fewer
- Institute routine weekly testing of all workers in assisted living and long-term care facilities. Require masks for all staff and prohibit visitors
- Ensure that all business retailers and personal services require masks and can safely social distance
- Increase messaging on the risk of serious disease for individuals in all age groups with preexisting obesity, hypertension, and diabetes mellitus, and recommend to shelter in place
- Work with local community groups to provide targeted, tailored messaging to communities with high case rates, and increase community level testing
- Recruit more contact tracers as community outreach workers to ensure all cases are contacted and all positive households are individually tested within 24 hours
- Provide isolation facilities outside of households if COVID-positive individuals can't quarantine successfully

Testing

- Move to community-led neighborhood testing and work with local community groups to increase access to testing
- Surge testing and contact tracing resources to neighborhoods and zip codes with highest case rates
- **Diagnostic pooling:** Laboratories should use pooling of samples to increase testing access and reduce turnaround times to under 12 hours. Consider pools of 2-3 individuals in high incidence settings and 5:1 pools in setting where test positivity is under 10%
- **Surveillance pooling:** For family and cohabitating households, screen entire households in a single test by pooling specimens of all members into single collection device

POLICY RECOMMENDATIONS FOR COUNTIES IN THE YELLOW ZONE IN ORDER TO PREEMPT EXPONENTIAL COMMUNITY SPREAD

Public Messaging

- Wear a mask at all times outside the home and maintain physical distance
- Limit social gatherings to 25 people or fewer
- Do not go to bars or nightclubs
- Use take out, outdoor dining or indoor dining when strict social distancing can be maintained
- Protect anyone with serious medical conditions at home by social distancing at home and using high levels of personal hygiene
- Reduce your public interactions and activities to 50% of your normal activity

Public Officials

- Limit gyms to 25% occupancy and close bars until percent positive rates are under 3%; create outdoor dining opportunities with pedestrian areas
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Testing

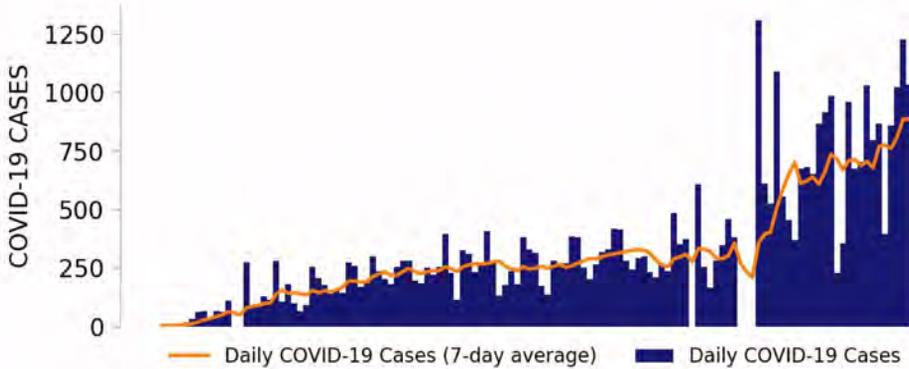
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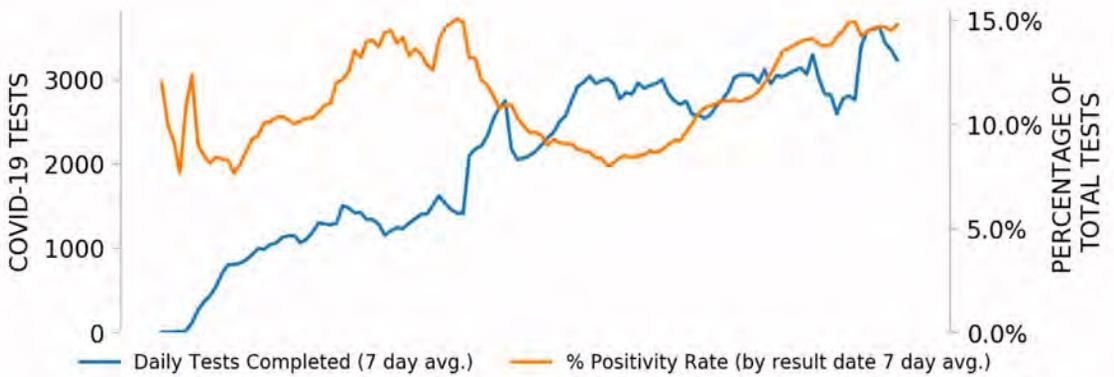
MISSISSIPPI

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NEW CASES

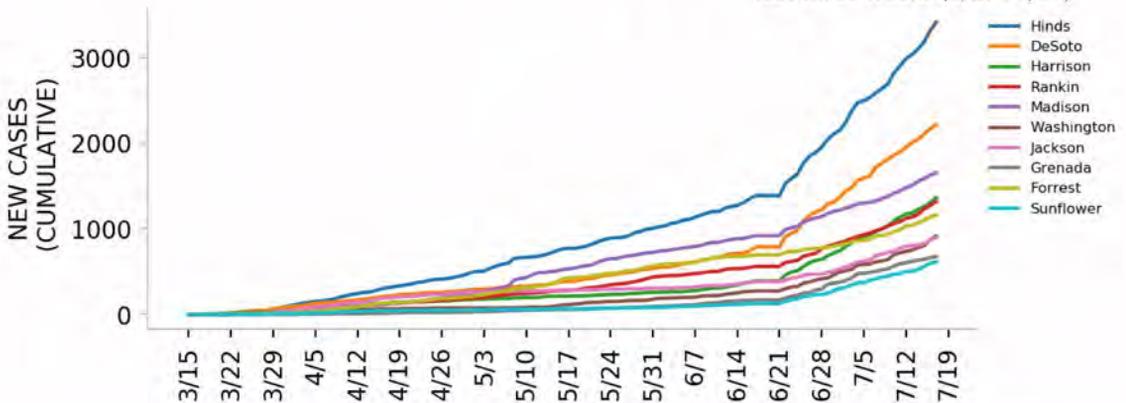


TESTING



Top counties based on greatest number of new cases in last three weeks (6/27 - 7/17)

TOP COUNTIES



DATA SOURCES

Cases: County-level data from USAFacts. 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 7/17/2020.

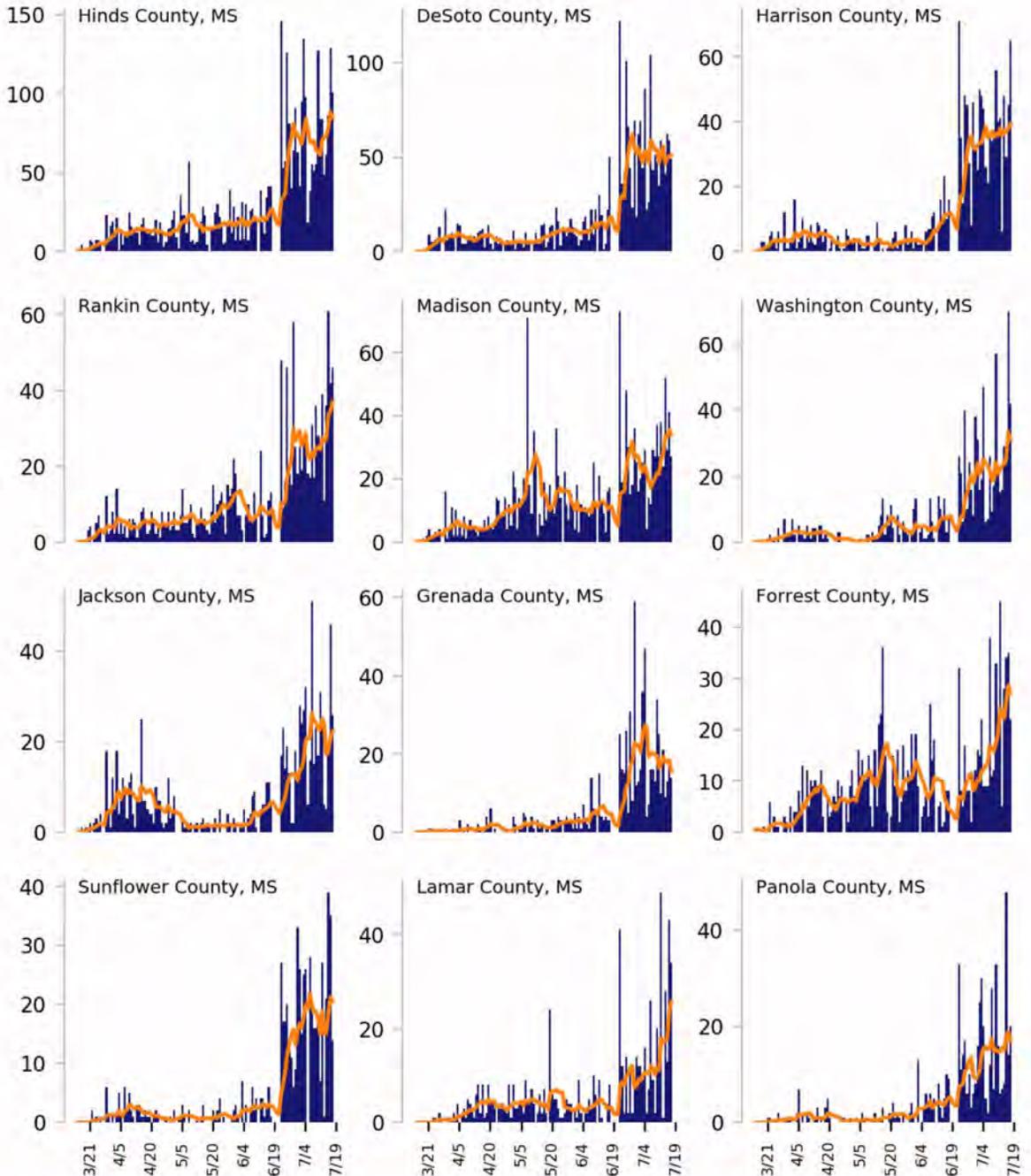
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Top 12 counties based on number of new cases in the last 3 weeks

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

TOTAL DAILY CASES



DATA SOURCES

Cases: County-level data from USAFacts through 7/17/2020. Last 3 weeks is 6/27 - 7/17.

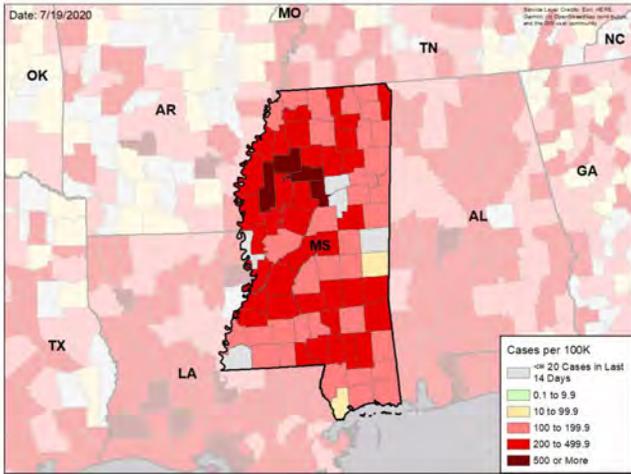


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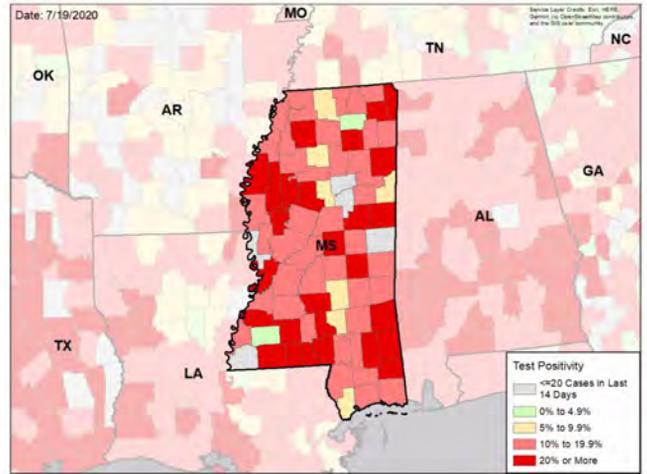
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CASE RATES AND DIAGNOSTIC TEST POSITIVITY DURING THE LAST WEEK

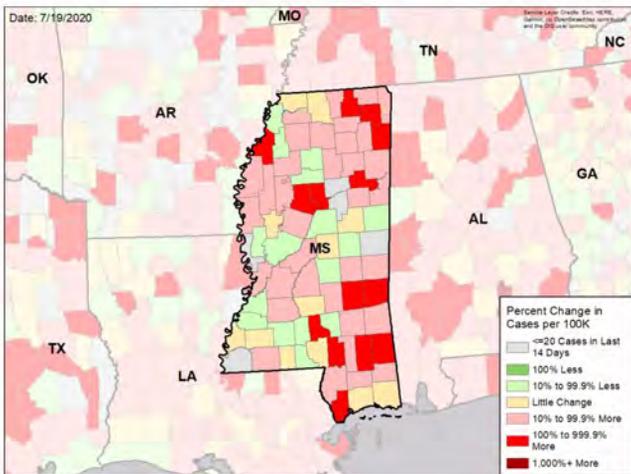
NEW CASES PER 100,000 DURING LAST WEEK



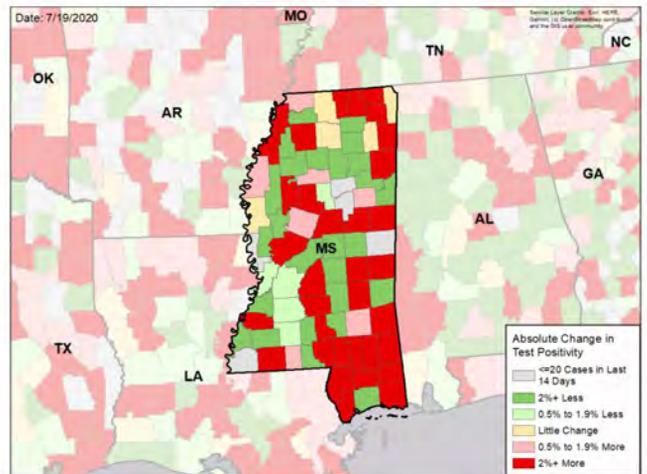
TEST POSITIVITY DURING LAST WEEK



WEEKLY % CHANGE IN NEW CASES PER 100K



WEEKLY CHANGE IN TEST POSITIVITY



DATA SOURCES

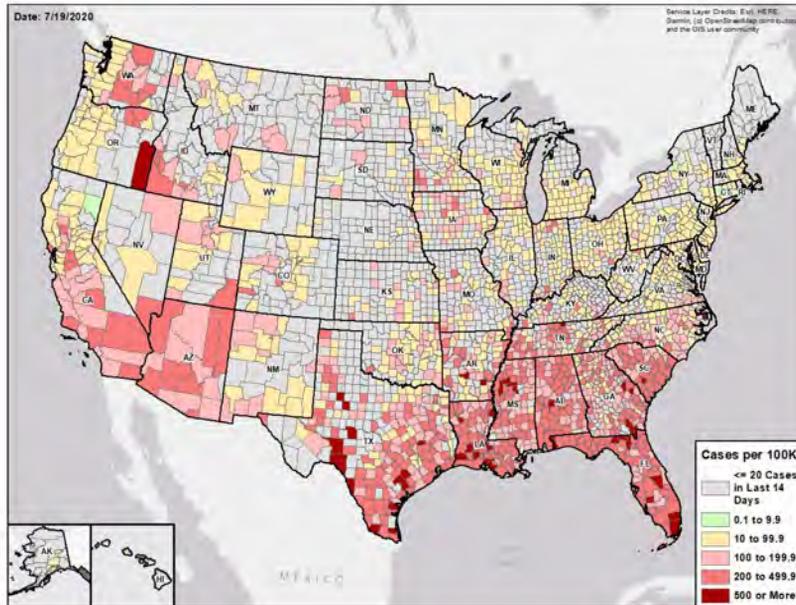
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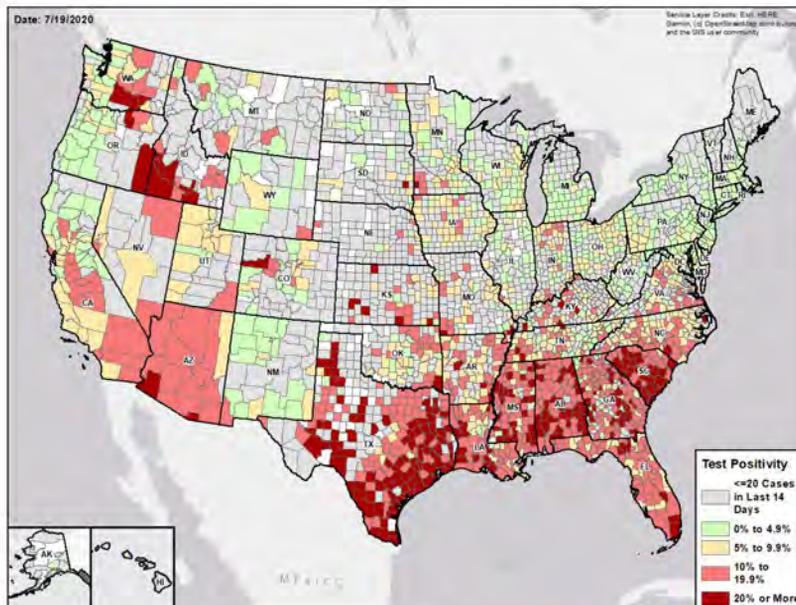


National Picture

NEW CASES PER 100,000 LAST WEEK



TEST POSITIVITY LAST WEEK



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Cases: County-level data from USAFacts through 7/17/2020. Last week is 7/11 - 7/17

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 7/15/2020. Last week is 7/9 - 7/15. Testing data may be backfilled over time, resulting in changes week-to-week in testing data. It is critical that states provide as up-to-date testing data as possible.



Methods

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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	<0.5	0.5-2	>2
Percent change in deaths per 100,000 population	<-10%	-10% - 10%	>10%
Skilled Nursing Facilities with at least one COVID-19 case	0%	0.1%-5%	>5%
Change in SNFs with at least one COVID-19 case	<-0.5%	-0.5%-0.5%	>0.5%

DATA NOTES

- Cases and deaths:** County-level data from USAFacts as of 13:00 EDT on 07/18/2020. 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 7/11 to 7/17; previous week data are from 7/4 to 7/10.
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MISSOURI

STATE REPORT | 07.19.2020

SUMMARY

- Missouri is in the yellow zone for cases, indicating between 10 to 100 new cases per 100,000 population last week, and the yellow zone for test positivity, indicating a rate between 5% to 10%.
- Missouri has seen an increase in new cases and an increase in testing positivity over the past week.
- The following three counties had the highest number of new cases over the past 3 weeks: 1. St. Louis County, 2. Jackson County, and 3. Jasper County. These counties represent 45.6 percent of new cases in Missouri.
- Missouri had 75 new cases per 100,000 population in the past week, compared to a national average of 140 per 100,000.
- The federal government has deployed the following staff as assets to support the state response: 103 to support operations activities from FEMA and 1 to support operations activities from VA.
- During Jul 15 - Jul 17, on average, 55 patients with confirmed COVID-19 and 138 patients with suspected COVID-19 were reported as newly admitted each day to hospitals in Missouri. An average of 75 percent of hospitals reported 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

- Continue to promote social distancing and the wearing of face masks when outside the home. Mandate wearing of face masks outside the home in counties with 7-day test positivity greater than 5%.
- In all counties with 7-day average test positivity greater than 10%, close bars and gyms, require strict social distancing within restaurants (emphasize outdoor over indoor dining), and limit gatherings to 10 or fewer people.
- Protect those in nursing homes and long-term care facilities by testing all staff each week and requiring staff to wear face masks.
- Continue to vigorously investigate outbreaks and implement intensified contact tracing. Instigate early quarantine of contacts and isolation of known or suspected cases, especially in counties with increased incidence and large populations, such as Jefferson, St. Charles and St. Louis counties.
- Continue community-led testing and work with local community groups to increase testing access. In high transmission settings, consider diagnostic pooled testing.
- Meatpacking plants and other crowded workplaces should institute social distancing and enhanced testing and implement clear protocols for early and thorough case investigations and contact tracing.
- Increase messaging of the risk of serious disease in the elderly and in all age groups with preexisting medical conditions, including obesity, hypertension, and diabetes mellitus.
- Continue to track number of cases, test percent positivity, and hospitalizations to identify local pockets of increased transmission and signals of diminishing care capacity. Address signals early with measures to further limit transmission and contingency plans to expand hospital capacity.
- Specific, detailed guidance on community mitigation measures can be found on the [CDC website](#).

The purpose of this report is to develop a shared understanding of the current status of the pandemic at the national, regional, state and local levels. We recognize that data at the state level may differ from that available at the federal level. Our objective is to use consistent data sources and methods that allow for comparisons to be made across localities. We appreciate your continued support in identifying data discrepancies and improving data completeness and sharing across systems. We look forward to your feedback.

** This figure may differ from state data due to differences in hospital lists between federal and state systems or inclusion of hospitals that are not admitting COVID-19 patients. We are working to incorporate feedback on an ongoing basis to update these figures. These data exclude psychiatric, rehabilitation, and religious non-medical hospitals.*



COVID-19

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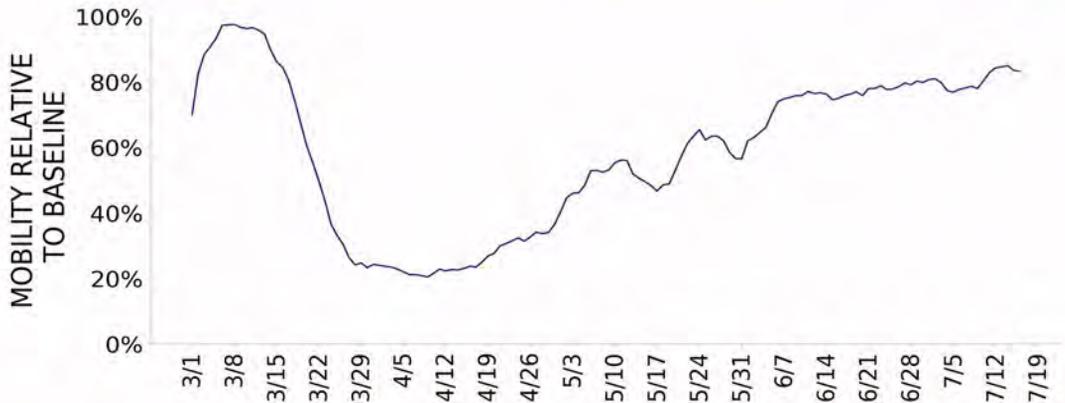


MISSOURI

STATE REPORT | 07.19.2020

	STATE, LAST WEEK	STATE, % CHANGE FROM PREVIOUS WEEK	FEMA/HHS REGION, LAST WEEK	UNITED STATES, LAST WEEK
NEW CASES (RATE PER 100,000)	4,633 (75)	+23.7%	13,119 (93)	460,366 (140)
DIAGNOSTIC TEST POSITIVITY RATE	7.7%	+1.3%*	7.9%	9.1%
TOTAL DIAGNOSTIC TESTS (TESTS PER 100,000)	66,710 (1,087)	+12.4%	191,556 (1,355)	4,940,998 (1,505)
COVID DEATHS (RATE PER 100,000)	62 (1)	+113.8%	137 (1)	5,122 (2)
SNFs WITH AT LEAST ONE COVID-19 CASE	6.3%	-0.4%	4.0%	10.0%

MOBILITY



* Indicates absolute change in percentage points

DATA SOURCES

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 7/17/2020; last week is 7/11 - 7/17, previous week is 7/4 - 7/10.

Testing: State-level values calculated by using 7-day rolling averages of reported tests. Regional- and national-level values calculated by using a 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 7/15/2020. Last week is 7/9 - 7/15, previous week is 7/2 - 7/8. Testing data are inclusive of everything received and processed by the CELR system as of 14:00 EDT on 07/19/2020. Some dates may be incomplete due to delays in reporting. Testing data may be backfilled over time, resulting in changes week-to-week in testing data. It is critical that states provide as up-to-date testing data as possible.

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; 100% represents the baseline mobility level. Data is anonymized and provided at the county level. Data through 7/16/2020.

SNFs: Skilled nursing facilities. National Healthcare Safety Network. Last week is 7/6-7/12, previous week is 6/29-7/5.



MISSOURI

STATE REPORT | 07.19.2020

LOCALITIES IN RED ZONE

LOCALITIES IN YELLOW ZONE

METRO AREA (CBSA) LAST WEEK

1

Joplin

16

Top 12 shown (full list below)

St. Louis
Kansas City
Springfield
Columbia
Cape Girardeau
Warrensburg
Branson
Lebanon
Sikeston
Sedalia
Kennett
Marshall

COUNTY LAST WEEK

6

Jasper
McDonald
Newton
Barry
New Madrid
Carroll

55

Top 12 shown (full list below)

St. Louis
Jackson
St. Louis city, MO
St. Charles
Boone
Greene
Cape Girardeau
Jefferson
Johnson
Clay
Franklin
Taney

All Yellow CBSAs: St. Louis, Kansas City, Springfield, Columbia, Cape Girardeau, Warrensburg, Branson, Lebanon, Sikeston, Sedalia, Kennett, Marshall, Hannibal, West Plains, Mexico, Quincy

All Yellow Counties: St. Louis, Jackson, St. Louis city, MO, St. Charles, Boone, Greene, Cape Girardeau, Jefferson, Johnson, Clay, Franklin, Taney, Cass, Laclede, Platte, Scott, Pettis, Lawrence, Dunklin, Saline, Pemiscot, Webster, Lincoln, Wright, Warren, Camden, Macon, Marion, Stone, Miller, Shannon, Moniteau, Howell, Vernon, Barton, Bollinger, Cooper, Washington, Sullivan, Andrew, Audrain, Polk, Gentry, Texas, Cedar, Pike, DeKalb, Howard, Dent, Chariton, St. Clair, Lewis, Dade, Carter, Mercer

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 a diagnostic test positivity result above 10%.

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

Note: Top 12 locations are selected based on the highest number of new cases in the last three weeks.

DATA SOURCES

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 7/17/2020; last week is 7/11 - 7/17, three weeks is 6/27 - 7/17.

Testing: HHS Protect laboratory data (provided directly to Federal Government from public health labs, hospital labs, and commercial labs) through 7/15/2020. Last week is 7/9 - 7/15. Testing data may be backfilled over time, resulting in changes week-to-week in testing data. It is critical that states provide as up-to-date testing data as possible.

POLICY RECOMMENDATIONS FOR COUNTIES IN THE RED ZONE

Public Messaging

- Wear a mask at all times outside the home and maintain physical distance
- Limit social gatherings to 10 people or fewer
- Do not go to bars, nightclubs, or gyms
- Use take out or eat outdoors socially distanced
- Protect anyone with serious medical conditions at home by social distancing at home and using high levels of personal hygiene, including handwashing and cleaning surfaces
- Reduce your public interactions and activities to 25% of your normal activity

Public Officials

- Close bars and gyms, and create outdoor dining opportunities with pedestrian areas
- Limit social gatherings to 10 people or fewer
- Institute routine weekly testing of all workers in assisted living and long-term care facilities. Require masks for all staff and prohibit visitors
- Ensure that all business retailers and personal services require masks and can safely social distance
- Increase messaging on the risk of serious disease for individuals in all age groups with preexisting obesity, hypertension, and diabetes mellitus, and recommend to shelter in place
- Work with local community groups to provide targeted, tailored messaging to communities with high case rates, and increase community level testing
- Recruit more contact tracers as community outreach workers to ensure all cases are contacted and all positive households are individually tested within 24 hours
- Provide isolation facilities outside of households if COVID-positive individuals can't quarantine successfully

Testing

- Move to community-led neighborhood testing and work with local community groups to increase access to testing
- Surge testing and contact tracing resources to neighborhoods and zip codes with highest case rates
- **Diagnostic pooling:** Laboratories should use pooling of samples to increase testing access and reduce turnaround times to under 12 hours. Consider pools of 2-3 individuals in high incidence settings and 5:1 pools in setting where test positivity is under 10%
- **Surveillance pooling:** For family and cohabitating households, screen entire households in a single test by pooling specimens of all members into single collection device

POLICY RECOMMENDATIONS FOR COUNTIES IN THE YELLOW ZONE IN ORDER TO PREEMPT EXPONENTIAL COMMUNITY SPREAD

Public Messaging

- Wear a mask at all times outside the home and maintain physical distance
- Limit social gatherings to 25 people or fewer
- Do not go to bars or nightclubs
- Use take out, outdoor dining or indoor dining when strict social distancing can be maintained
- Protect anyone with serious medical conditions at home by social distancing at home and using high levels of personal hygiene
- Reduce your public interactions and activities to 50% of your normal activity

Public Officials

- Limit gyms to 25% occupancy and close bars until percent positive rates are under 3%; create outdoor dining opportunities with pedestrian areas
- Limit social gatherings to 25 people or fewer
- Institute routine weekly testing of all workers in assisted living and long-term care facilities. Require masks for all staff and prohibit visitors
- Ensure that all business retailers and personal services require masks and can safely social distance
- Increase messaging on the risk of serious disease for individuals in all age groups with preexisting obesity, hypertension, and diabetes mellitus, and recommend to shelter in place
- Work with local community groups to provide targeted, tailored messaging to communities with high case rates, and increase community level testing
- Recruit more contact tracers as community outreach workers to ensure all cases are contacted and all positive households are individually tested within 24 hours
- Provide isolation facilities outside of households if COVID-positive individuals can't quarantine successfully

Testing

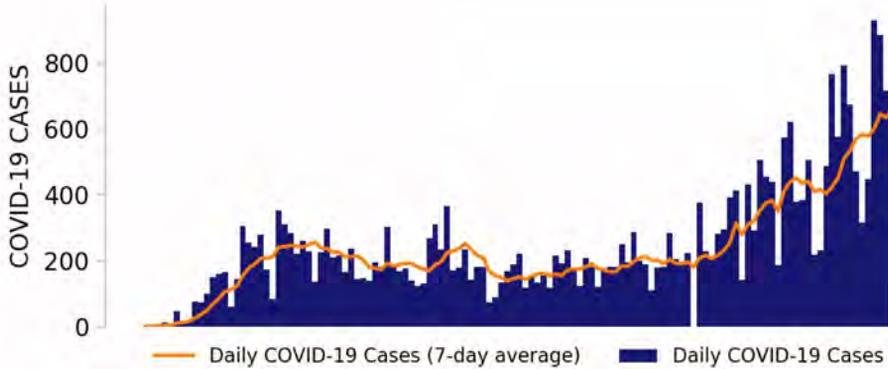
- Move to community-led neighborhood testing and work with local community groups to increase access to testing
- Surge testing and contact tracing resources to neighborhoods and zip codes with highest case rates
- **Diagnostic pooling:** Laboratories should use pooling of samples to increase testing access and reduce turnaround times to under 12 hours. Consider pools of 3-5 individuals
- **Surveillance pooling:** For family and cohabitating households, screen entire households in a single test by pooling specimens of all members into single collection device



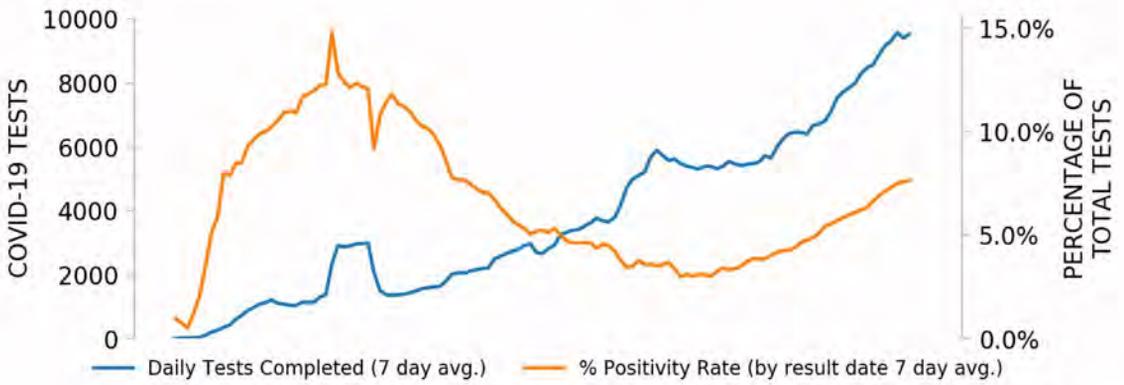
MISSOURI

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NEW CASES

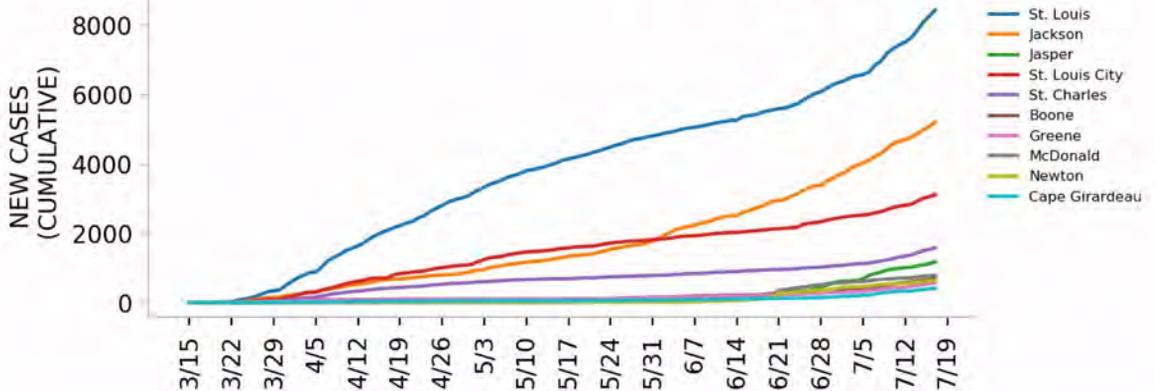


TESTING



Top counties based on greatest number of new cases in last three weeks (6/27 - 7/17)

TOP COUNTIES



DATA SOURCES

Cases: County-level data from USAFacts. 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 7/17/2020.

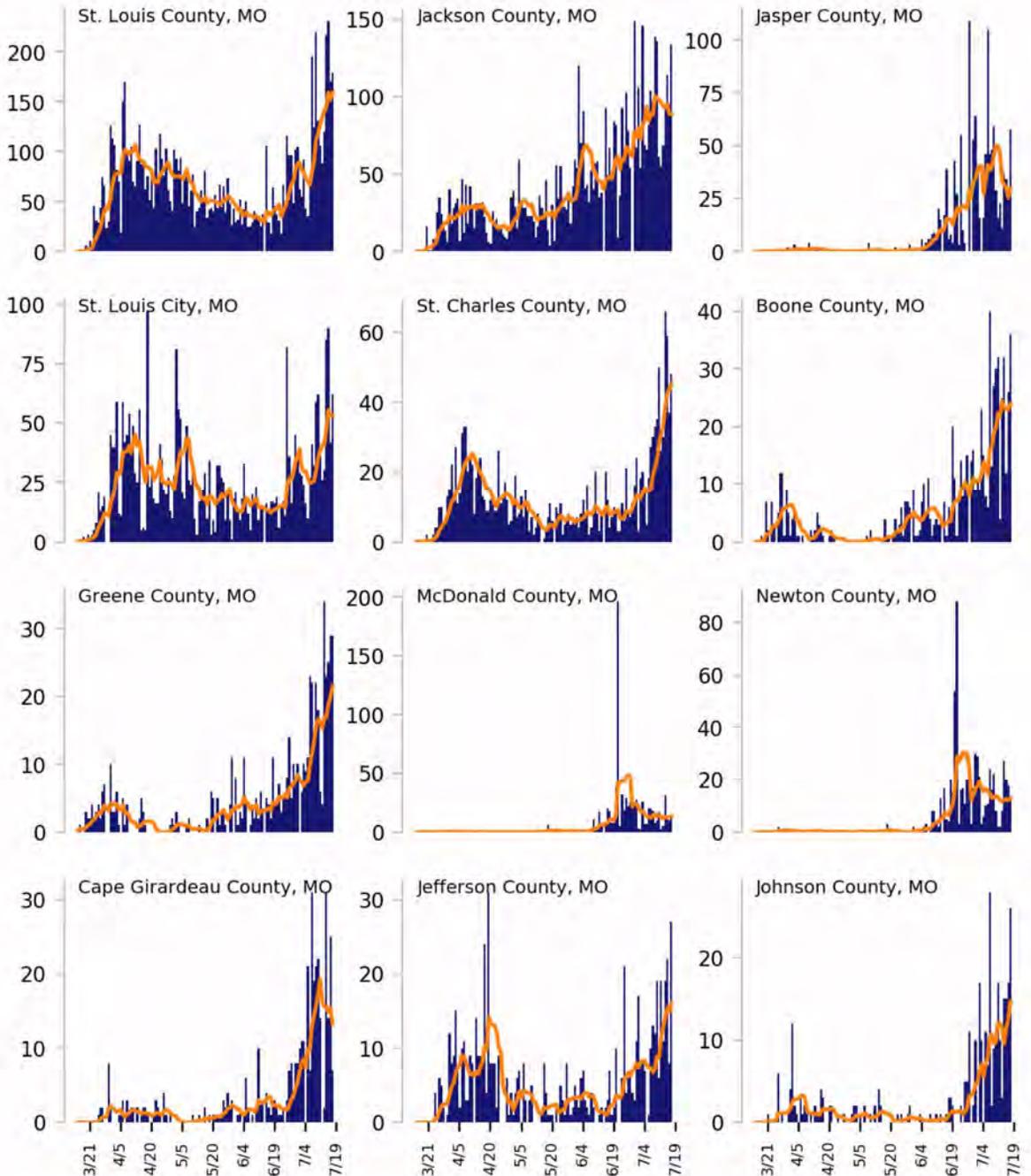
Testing: HHS Protect laboratory data (provided directly to Federal Government from public health labs, hospital labs, and commercial labs) through 7/15/2020.



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



DATA SOURCES

Cases: County-level data from USAFacts through 7/17/2020. Last 3 weeks is 6/27 - 7/17.

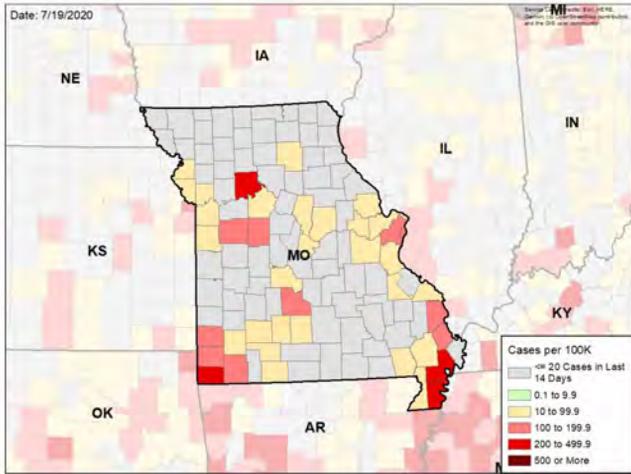


MISSOURI

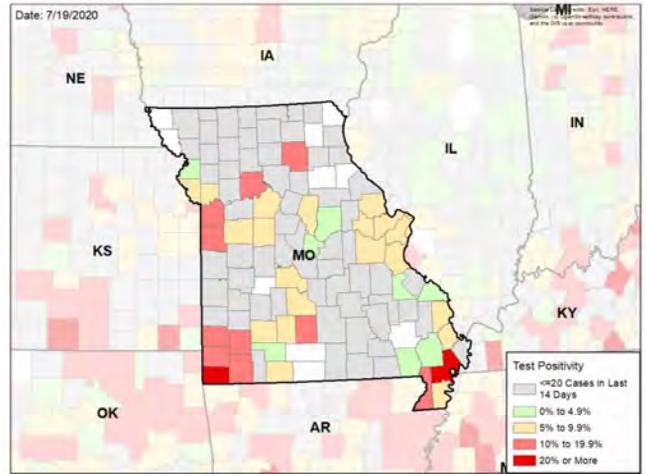
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CASE RATES AND DIAGNOSTIC TEST POSITIVITY DURING THE LAST WEEK

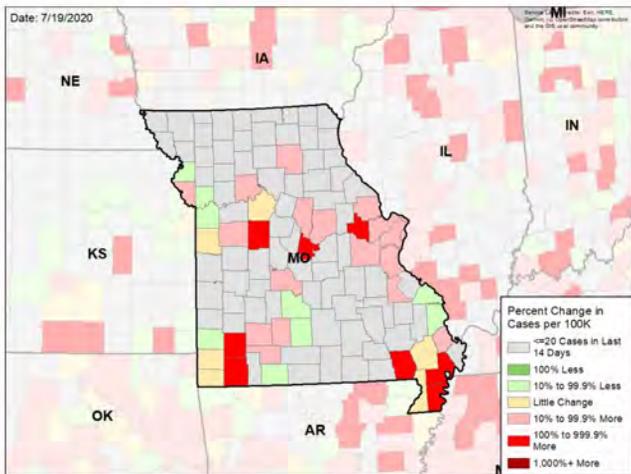
NEW CASES PER 100,000 DURING LAST WEEK



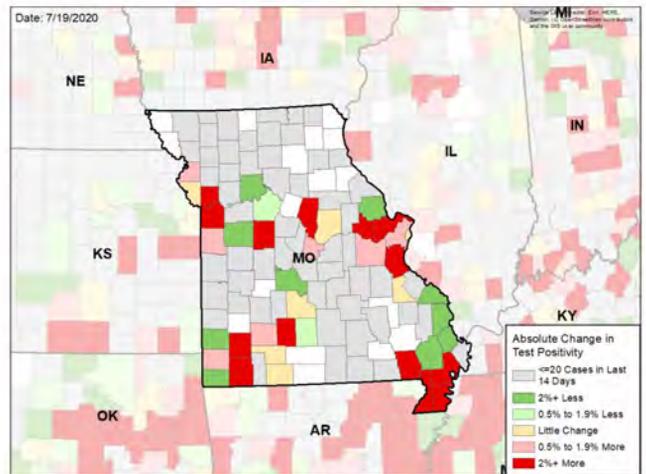
TEST POSITIVITY DURING LAST WEEK



WEEKLY % CHANGE IN NEW CASES PER 100K



WEEKLY CHANGE IN TEST POSITIVITY



DATA SOURCES

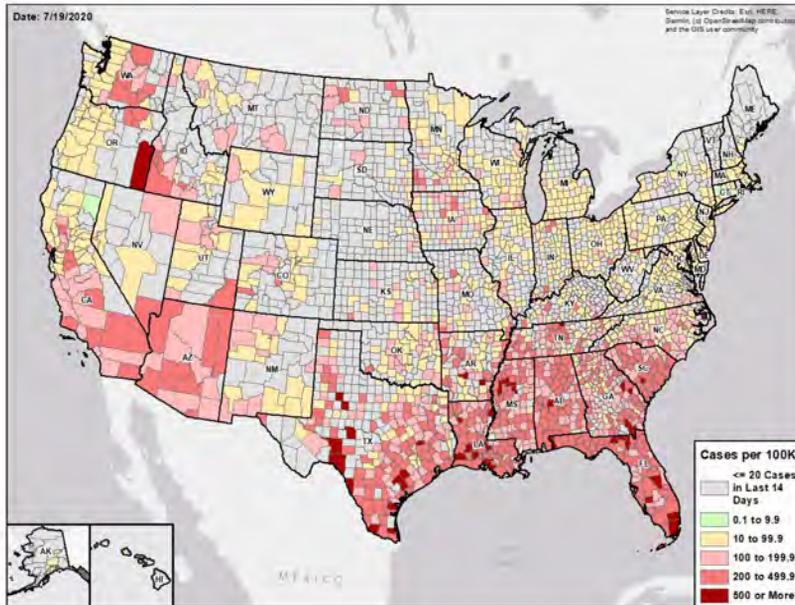
Cases: County-level data from USAFacts through 7/17/2020. Last week is 7/11 - 7/17, previous week is 7/4 - 7/10

Testing: HHS Protect laboratory data (provided directly to Federal Government from public health labs, hospital labs, and commercial labs) through 7/15/2020. Last week is 7/9 - 7/15, previous week is 7/2 - 7/8. Testing data may be backfilled over time, resulting in changes week-to-week in testing data. It is critical that states provide as up-to-date testing data as possible.

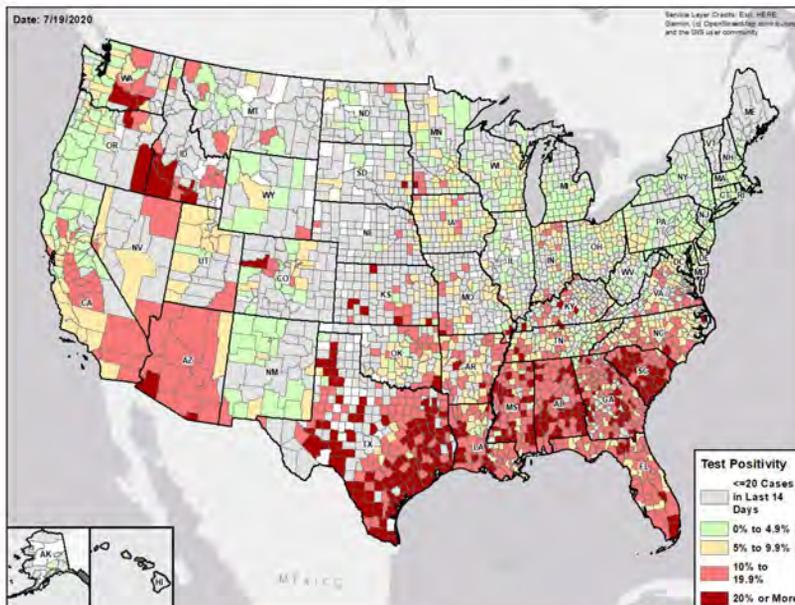


National Picture

NEW CASES PER 100,000 LAST WEEK



TEST POSITIVITY LAST WEEK



DATA SOURCES

Cases: County-level data from USAFacts through 7/17/2020. Last week is 7/11 - 7/17

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 7/15/2020. Last week is 7/9 - 7/15. Testing data may be backfilled over time, resulting in changes week-to-week in testing data. It is critical that states provide as up-to-date testing data as possible.



Methods

STATE REPORT | 07.19.2020

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)

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	<0.5	0.5-2	>2
Percent change in deaths per 100,000 population	<-10%	-10% - 10%	>10%
Skilled Nursing Facilities with at least one COVID-19 case	0%	0.1%-5%	>5%
Change in SNFs with at least one COVID-19 case	<-0.5%	-0.5%-0.5%	>0.5%

DATA NOTES

- Cases and deaths:** County-level data from USAFacts as of 13:00 EDT on 07/18/2020. 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 7/11 to 7/17; previous week data are from 7/4 to 7/10.
- Testing:** CELR (COVID-19 Electronic Lab Reporting) state health department-reported data are used to describe state-level totals when able to be disaggregated from serology test results and to describe county-level 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. Total diagnostic tests are the number of tests performed, not the number of individuals tested. Diagnostic test positivity rate is the number of positive tests divided by the number of tests performed and resulted. Last week data are from 7/9 to 7/15; previous week data are from 7/2 to 7/8. HHS Protect data is recent as of 16:30 EDT on 07/19/2020. Testing data are inclusive of everything received and processed by the CELR system as of 14:00 EDT on 07/19/2020. Testing data may be backfilled over time, resulting in changes week-to-week in testing data. It is critical that states provide as up-to-date testing data as possible.
- 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; 100% represents the baseline mobility level. Data is recent as of 13:00 EDT on 07/18/2020 and through 7/16/2020.
- 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.
- Skilled Nursing Facilities:** National Healthcare Safety Network (NHSN). 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 analysis. Also note that data presented by NHSN is more recent than the data publicly posted by CMS. Therefore, data presented may differ slightly from those publicly posted by CMS.



MONTANA

STATE REPORT | 07.19.2020

SUMMARY

- Montana is in the yellow zone for cases, indicating between 10 to 100 new cases per 100,000 population last week, and the yellow zone for test positivity, indicating a rate between 5% to 10%.
- Montana has seen an increase in new cases and stability in testing positivity over the past week.
- The following three counties had the highest number of new cases over the past 3 weeks: 1. Yellowstone County, 2. Gallatin County, and 3. Lake County. These counties represent 59.5 percent of new cases in Montana.
- Montana had 70 new cases per 100,000 population in the past week, compared to a national average of 140 per 100,000.
- The federal government has deployed the following staff as assets to support the state response: 4 to support operations activities from FEMA and 1 to support medical activities from VA.
- During Jul 15 - Jul 17, on average, 15 patients with confirmed COVID-19 and 52 patients with suspected COVID-19 were reported as newly admitted each day to hospitals in Montana. An average of 37 percent of hospitals reported 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

- Continue to promote social distancing and the use of face masks when outside the home and the requirement for face masks in counties with four or more cases; face masks are particularly critical for indoor spaces and when social distancing is not possible.
- Continue to vigorously investigate cases with contact tracing and early quarantine of contacts and isolation of cases, with particular focus on counties with elevated or evidence of increasing transmission, such as Flathead, Gallatin, Garfield, Lake, Lewis and Clark, Lincoln, and Yellowstone.
- In these high transmission counties, implement community-led testing and work with local community groups to increase testing access. Consider diagnostic pooled testing.
- In all counties in the yellow zone (as defined below), close bars, restrict gyms to 25% occupancy, require strict social distancing within restaurants (promote outdoor dining over indoor), and limit gatherings to 25 or fewer people; this will be particularly important as tourist season increases.
- Protect those in nursing homes and long-term care facilities by testing all staff each week and requiring staff to wear face masks.
- Continue to prevent transmission and control outbreaks in crowded workplaces, such as meatpacking plants, through effective social distancing, use of face masks and early contact tracing.
- Increase messaging of the risk of serious disease in all age groups with preexisting medical conditions, including obesity, hypertension, and diabetes mellitus.
- Continue to track cases, test percent positivity, and hospitalizations to identify local pockets of increased transmission.
- Specific, detailed guidance on community mitigation measures can be found on the [CDC website](#).

The purpose of this report is to develop a shared understanding of the current status of the pandemic at the national, regional, state and local levels. We recognize that data at the state level may differ from that available at the federal level. Our objective is to use consistent data sources and methods that allow for comparisons to be made across localities. We appreciate your continued support in identifying data discrepancies and improving data completeness and sharing across systems. We look forward to your feedback.

** This figure may differ from state data due to differences in hospital lists between federal and state systems or inclusion of hospitals that are not admitting COVID-19 patients. We are working to incorporate feedback on an ongoing basis to update these figures. These data exclude psychiatric, rehabilitation, and religious non-medical hospitals.*



COVID-19

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MONTANA

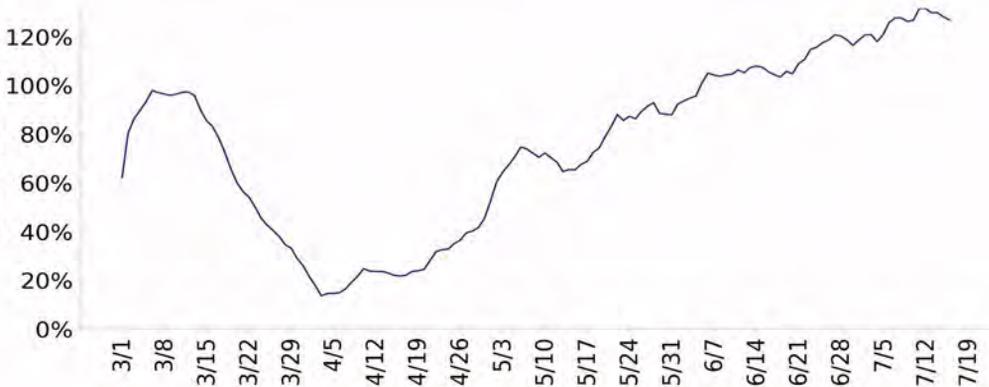
STATE REPORT | 07.19.2020

	STATE, LAST WEEK	STATE, % CHANGE FROM PREVIOUS WEEK	FEMA/HHS REGION, LAST WEEK	UNITED STATES, LAST WEEK
NEW CASES (RATE PER 100,000)	750 (70)	+59.9%	9,520 (78)	460,366 (140)
DIAGNOSTIC TEST POSITIVITY RATE	6.3%	+1.5%*	6.0%	9.1%
TOTAL DIAGNOSTIC TESTS (TESTS PER 100,000)	13,915 (1,302)	-4.2%	182,910 (1,492)	4,940,998 (1,505)
COVID DEATHS (RATE PER 100,000)	9 (1)	+80.0%	81 (1)	5,122 (2)
SNFs WITH AT LEAST ONE COVID-19 CASE	0.0%	+0.0%	4.5%	10.0%

MOBILITY



MOBILITY
RELATIVE
TO BASELINE



* Indicates absolute change in percentage points

DATA SOURCES

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 7/17/2020; last week is 7/11 - 7/17, previous week is 7/4 - 7/10.

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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; 100% represents the baseline mobility level. Data is anonymized and provided at the county level. Data through 7/16/2020.

SNFs: Skilled nursing facilities. National Healthcare Safety Network. Last week is 7/6-7/12, previous week is 6/29-7/5.



MONTANA

STATE REPORT | 07.19.2020

LOCALITIES IN RED ZONE

LOCALITIES IN YELLOW ZONE

METRO AREA (CBSA) LAST WEEK

1	Billings
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1	Bozeman
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COUNTY LAST WEEK

5	Yellowstone Lake Lincoln Madison Garfield
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15 Top 12 shown (full list below)	Gallatin Carbon Ravalli Richland Hill Custer Teton Jefferson Stillwater Beaverhead Broadwater Sanders
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All Yellow Counties: Gallatin, Carbon, Ravalli, Richland, Hill, Custer, Teton, Jefferson, Stillwater, Beaverhead, Broadwater, Sanders, Sheridan, Sweet Grass, Fallon

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 a diagnostic test positivity result above 10%.

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

Note: Top 12 locations are selected based on the highest number of new cases in the last three weeks.

DATA SOURCES

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 7/17/2020; last week is 7/11 - 7/17, three weeks is 6/27 - 7/17.

Testing: CELR (COVID-19 Electronic Lab Reporting) state health department-reported data through 7/15/2020. Last week is 7/9 - 7/15. Testing data may be backfilled over time, resulting in changes week-to-week in testing data. It is critical that states provide as up-to-date testing data as possible.

POLICY RECOMMENDATIONS FOR COUNTIES IN THE RED ZONE

Public Messaging

- Wear a mask at all times outside the home and maintain physical distance
- Limit social gatherings to 10 people or fewer
- Do not go to bars, nightclubs, or gyms
- Use take out or eat outdoors socially distanced
- Protect anyone with serious medical conditions at home by social distancing at home and using high levels of personal hygiene, including handwashing and cleaning surfaces
- Reduce your public interactions and activities to 25% of your normal activity

Public Officials

- Close bars and gyms, and create outdoor dining opportunities with pedestrian areas
- Limit social gatherings to 10 people or fewer
- Institute routine weekly testing of all workers in assisted living and long-term care facilities. Require masks for all staff and prohibit visitors
- Ensure that all business retailers and personal services require masks and can safely social distance
- Increase messaging on the risk of serious disease for individuals in all age groups with preexisting obesity, hypertension, and diabetes mellitus, and recommend to shelter in place
- Work with local community groups to provide targeted, tailored messaging to communities with high case rates, and increase community level testing
- Recruit more contact tracers as community outreach workers to ensure all cases are contacted and all positive households are individually tested within 24 hours
- Provide isolation facilities outside of households if COVID-positive individuals can't quarantine successfully

Testing

- Move to community-led neighborhood testing and work with local community groups to increase access to testing
- Surge testing and contact tracing resources to neighborhoods and zip codes with highest case rates
- **Diagnostic pooling:** Laboratories should use pooling of samples to increase testing access and reduce turnaround times to under 12 hours. Consider pools of 2-3 individuals in high incidence settings and 5:1 pools in setting where test positivity is under 10%
- **Surveillance pooling:** For family and cohabitating households, screen entire households in a single test by pooling specimens of all members into single collection device

POLICY RECOMMENDATIONS FOR COUNTIES IN THE YELLOW ZONE IN ORDER TO PREEMPT EXPONENTIAL COMMUNITY SPREAD

Public Messaging

- Wear a mask at all times outside the home and maintain physical distance
- Limit social gatherings to 25 people or fewer
- Do not go to bars or nightclubs
- Use take out, outdoor dining or indoor dining when strict social distancing can be maintained
- Protect anyone with serious medical conditions at home by social distancing at home and using high levels of personal hygiene
- Reduce your public interactions and activities to 50% of your normal activity

Public Officials

- Limit gyms to 25% occupancy and close bars until percent positive rates are under 3%; create outdoor dining opportunities with pedestrian areas
- Limit social gatherings to 25 people or fewer
- Institute routine weekly testing of all workers in assisted living and long-term care facilities. Require masks for all staff and prohibit visitors
- Ensure that all business retailers and personal services require masks and can safely social distance
- Increase messaging on the risk of serious disease for individuals in all age groups with preexisting obesity, hypertension, and diabetes mellitus, and recommend to shelter in place
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- Provide isolation facilities outside of households if COVID-positive individuals can't quarantine successfully

Testing

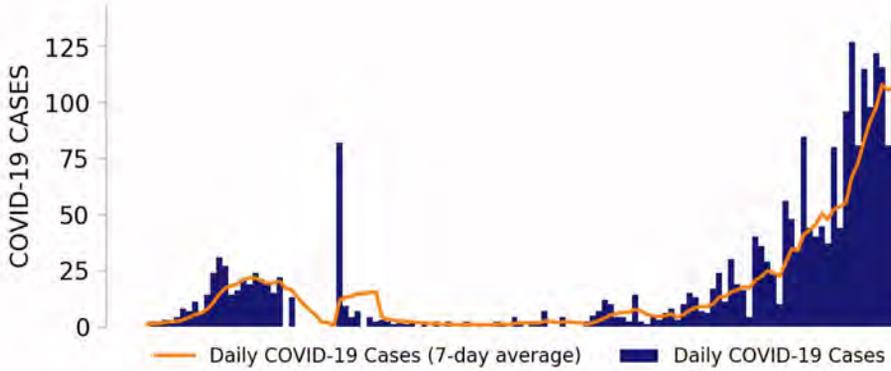
- Move to community-led neighborhood testing and work with local community groups to increase access to testing
- Surge testing and contact tracing resources to neighborhoods and zip codes with highest case rates
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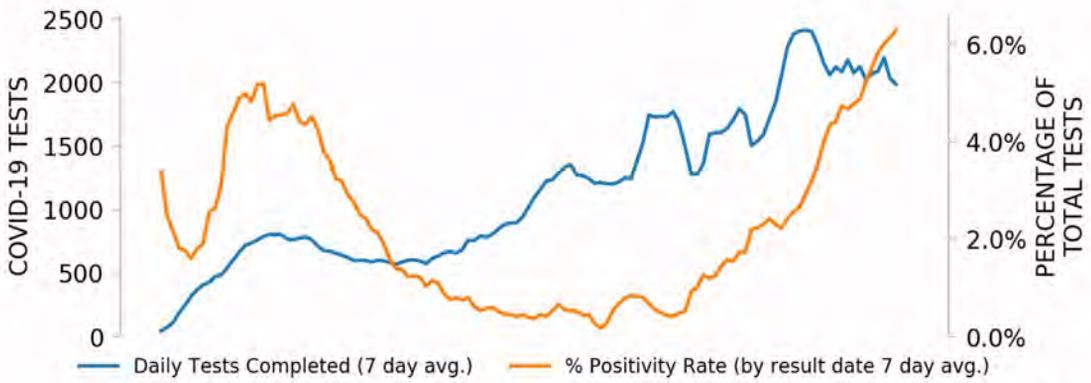
MONTANA

STATE REPORT | 07.19.2020

NEW CASES

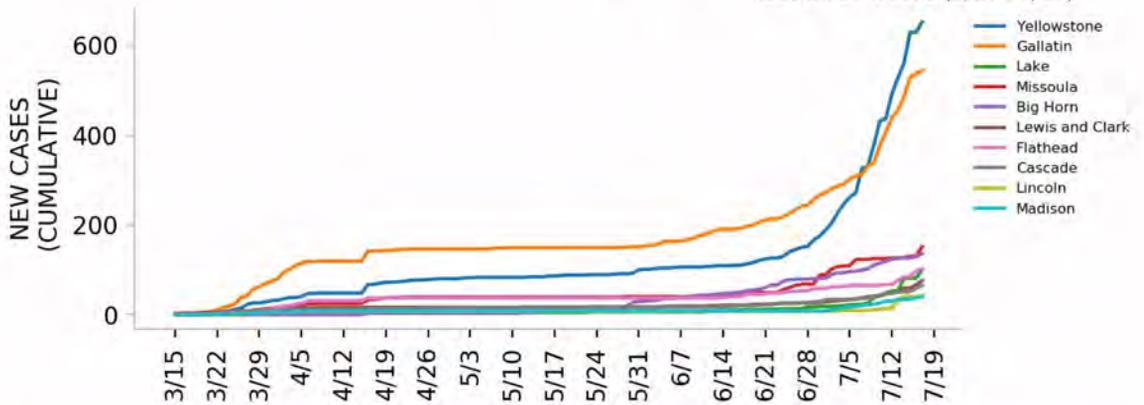


TESTING



Top counties based on greatest number of new cases in last three weeks (6/27 - 7/17)

TOP COUNTIES



DATA SOURCES

Cases: County-level data from USAFacts. 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 7/17/2020.

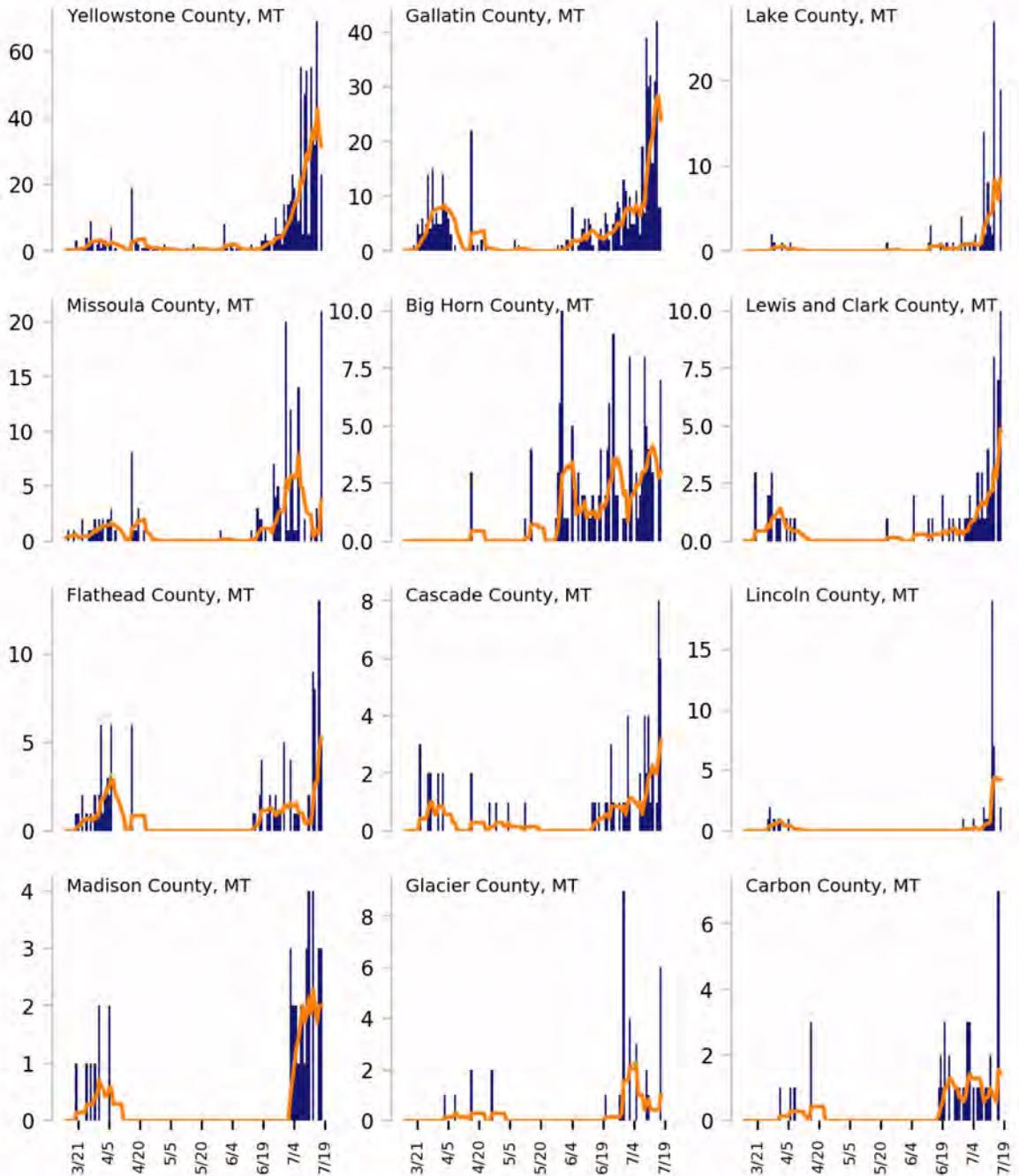
Testing: CELR (COVID-19 Electronic Lab Reporting) state health department-reported data through 7/15/2020.



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



DATA SOURCES

Cases: County-level data from USAFacts through 7/17/2020. Last 3 weeks is 6/27 - 7/17.

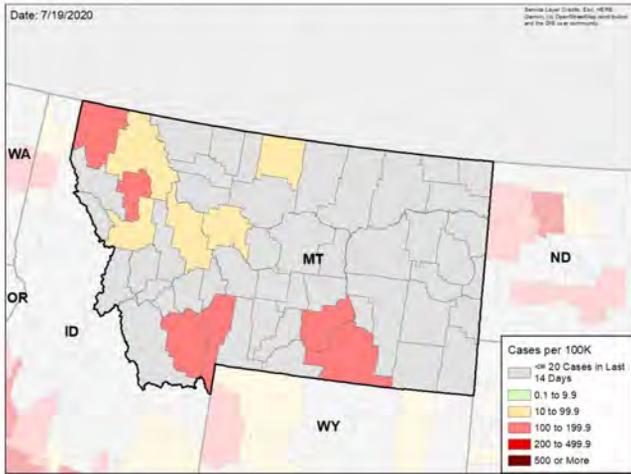


MONTANA

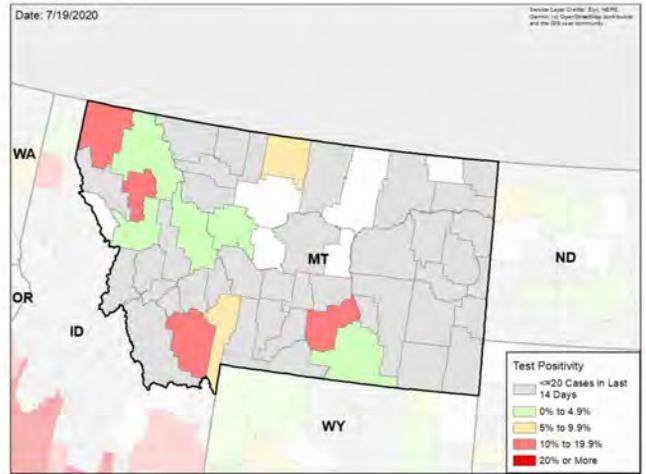
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CASE RATES AND DIAGNOSTIC TEST POSITIVITY DURING THE LAST WEEK

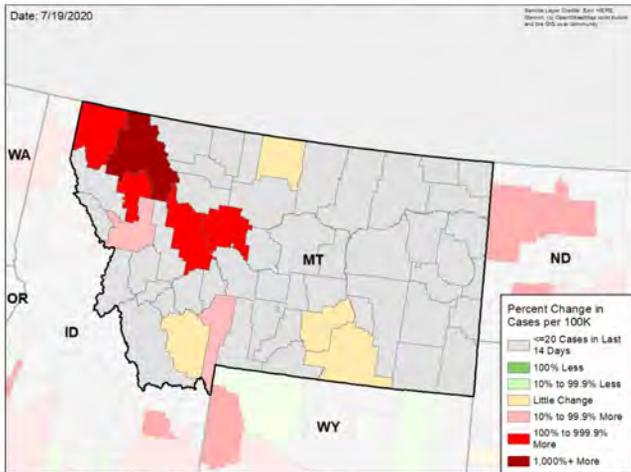
NEW CASES PER 100,000 DURING LAST WEEK



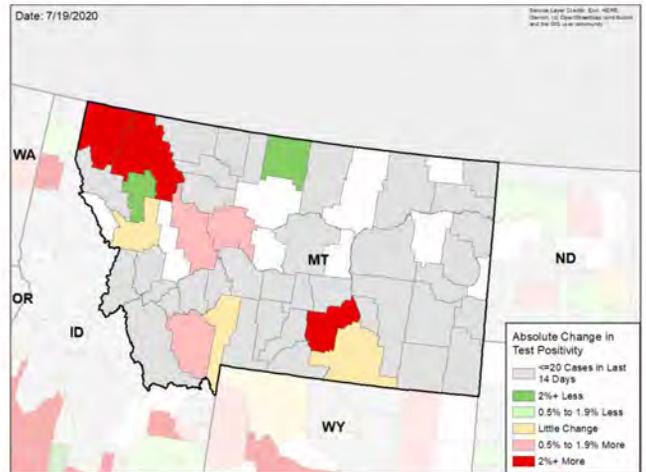
TEST POSITIVITY DURING LAST WEEK



WEEKLY % CHANGE IN NEW CASES PER 100K



WEEKLY CHANGE IN TEST POSITIVITY



DATA SOURCES

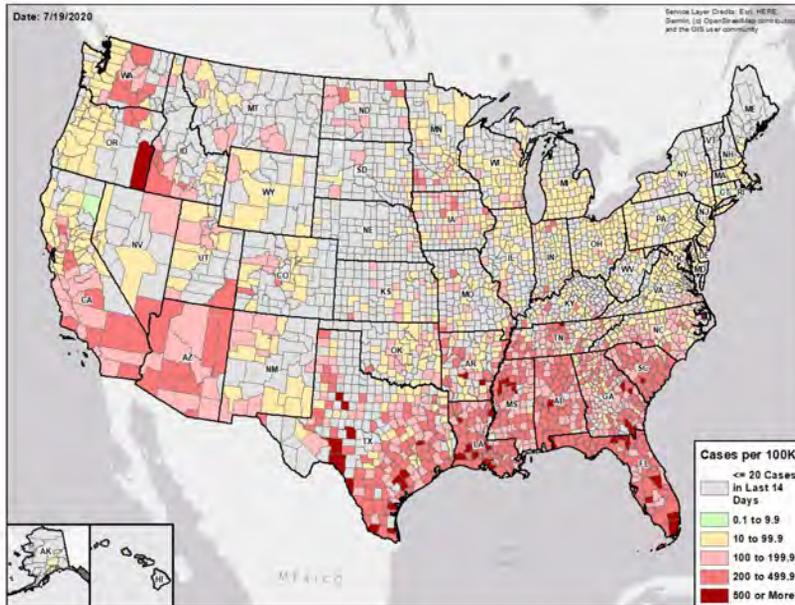
Cases: County-level data from USAFacts through 7/17/2020. Last week is 7/11 - 7/17, previous week is 7/4 - 7/10

Testing: CELR (COVID-19 Electronic Lab Reporting) state health department-reported data through 7/15/2020. Last week is 7/9 - 7/15, previous week is 7/2 - 7/8. Testing data may be backfilled over time, resulting in changes week-to-week in testing data. It is critical that states provide as up-to-date testing data as possible.

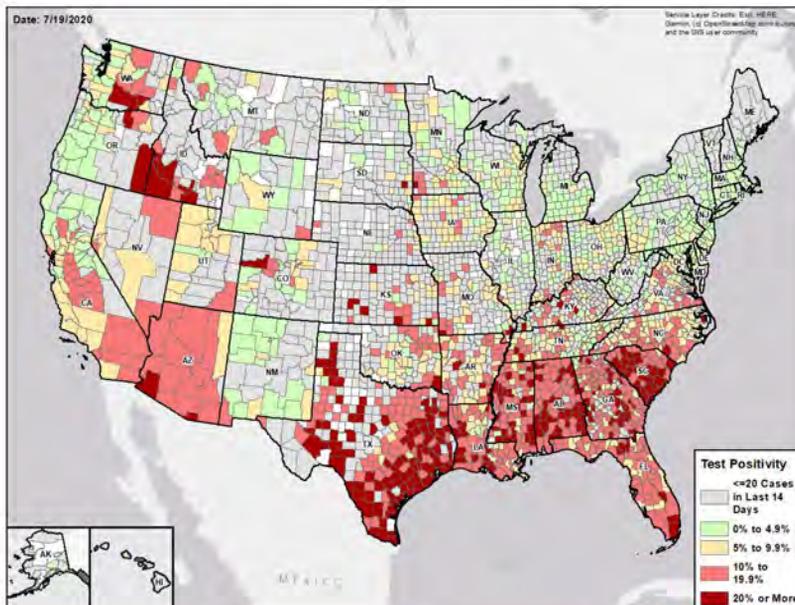


National Picture

NEW CASES PER 100,000 LAST WEEK



TEST POSITIVITY LAST WEEK



DATA SOURCES

Cases: County-level data from USAFacts through 7/17/2020. Last week is 7/11 - 7/17

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 7/15/2020. Last week is 7/9 - 7/15. Testing data may be backfilled over time, resulting in changes week-to-week in testing data. It is critical that states provide as up-to-date testing data as possible.



Methods

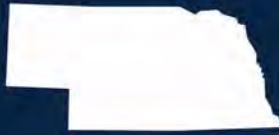
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COLOR THRESHOLDS: Results for each indicator should be taken in context of the findings for related indicators (e.g., changes in case incidence and testing volume)

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	<0.5	0.5-2	>2
Percent change in deaths per 100,000 population	<-10%	-10% - 10%	>10%
Skilled Nursing Facilities with at least one COVID-19 case	0%	0.1%-5%	>5%
Change in SNFs with at least one COVID-19 case	<-0.5%	-0.5%-0.5%	>0.5%

DATA NOTES

- Cases and deaths:** County-level data from USAFacts as of 13:00 EDT on 07/18/2020. 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 7/11 to 7/17; previous week data are from 7/4 to 7/10.
- Testing:** CELR (COVID-19 Electronic Lab Reporting) state health department-reported data are used to describe state-level totals when able to be disaggregated from serology test results and to describe county-level 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. Total diagnostic tests are the number of tests performed, not the number of individuals tested. Diagnostic test positivity rate is the number of positive tests divided by the number of tests performed and resulted. Last week data are from 7/9 to 7/15; previous week data are from 7/2 to 7/8. HHS Protect data is recent as of 16:30 EDT on 07/19/2020. Testing data are inclusive of everything received and processed by the CELR system as of 14:00 EDT on 07/19/2020. Testing data may be backfilled over time, resulting in changes week-to-week in testing data. It is critical that states provide as up-to-date testing data as possible.
- 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; 100% represents the baseline mobility level. Data is recent as of 13:00 EDT on 07/18/2020 and through 7/16/2020.
- 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.
- Skilled Nursing Facilities:** National Healthcare Safety Network (NHSN). 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 analysis. Also note that data presented by NHSN is more recent than the data publicly posted by CMS. Therefore, data presented may differ slightly from those publicly posted by CMS.



NEBRASKA

STATE REPORT | 07.19.2020

SUMMARY

- Nebraska is in the yellow zone for cases, indicating between 10 to 100 new cases per 100,000 population last week, and the yellow zone for test positivity, indicating a rate between 5% to 10%.
- Nebraska has seen an increase in new cases and stability in testing positivity over the past week.
- The following three counties had the highest number of new cases over the past 3 weeks: 1. Douglas County, 2. Lancaster County, and 3. Sarpy County. These counties represent 75.0 percent of new cases in Nebraska.
- Nebraska had 78 new cases per 100,000 population in the past week, compared to a national average of 140 per 100,000.
- The federal government has deployed the following staff as assets to support the state response: 3 to support operations activities from FEMA.
- During Jul 15 - Jul 17, on average, 3 patients with confirmed COVID-19 and 18 patients with suspected COVID-19 were reported as newly admitted each day to hospitals in Nebraska. An average of 58 percent of hospitals reported 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

- Continue weekly testing of all workers in assisted living and long-term care facilities and require masks and social distancing for all visitors.
- Careful monitoring of compliance to mask use and social distancing in Lincoln and Omaha are critical, particularly activities in bars and restaurants.
- Ensure COVID-19 diagnostic testing continues to expand, specifically in the metro areas.
- Continue to recommend cloth face coverings and maintaining 6 ft distancing for people outside of their homes.
- Specific, detailed guidance on community mitigation measures can be found on the [CDC website](#).

The purpose of this report is to develop a shared understanding of the current status of the pandemic at the national, regional, state and local levels. We recognize that data at the state level may differ from that available at the federal level. Our objective is to use consistent data sources and methods that allow for comparisons to be made across localities. We appreciate your continued support in identifying data discrepancies and improving data completeness and sharing across systems. We look forward to your feedback.

** This figure may differ from state data due to differences in hospital lists between federal and state systems or inclusion of hospitals that are not admitting COVID-19 patients. We are working to incorporate feedback on an ongoing basis to update these figures. These data exclude psychiatric, rehabilitation, and religious non-medical hospitals.*



COVID-19

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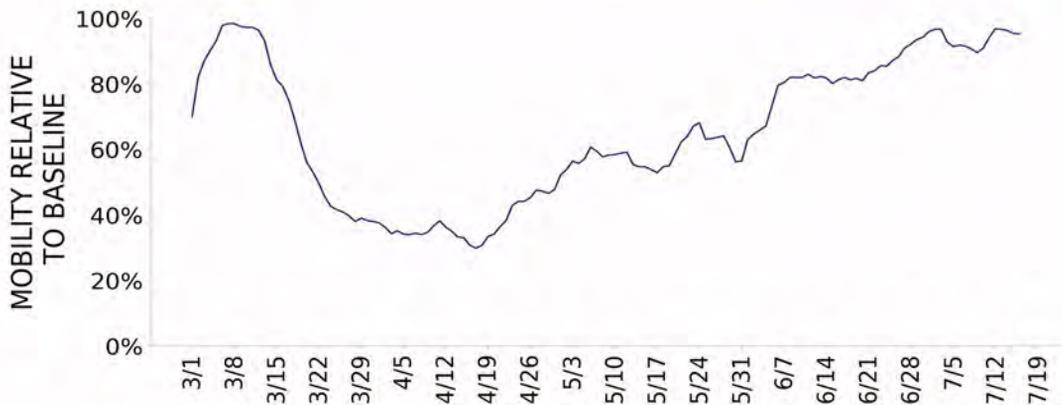


NEBRASKA

STATE REPORT | 07.19.2020

	STATE, LAST WEEK	STATE, % CHANGE FROM PREVIOUS WEEK	FEMA/HHS REGION, LAST WEEK	UNITED STATES, LAST WEEK
NEW CASES (RATE PER 100,000)	1,514 (78)	+22.5%	13,119 (93)	460,366 (140)
DIAGNOSTIC TEST POSITIVITY RATE	8.2%	+0.2%*	7.9%	9.1%
TOTAL DIAGNOSTIC TESTS (TESTS PER 100,000)	28,718 (1,485)	+24.0%	191,556 (1,355)	4,940,998 (1,505)
COVID DEATHS (RATE PER 100,000)	19 (1)	+375.0%	137 (1)	5,122 (2)
SNFs WITH AT LEAST ONE COVID-19 CASE	1.0%	+0.5%	4.0%	10.0%

MOBILITY



* Indicates absolute change in percentage points

DATA SOURCES

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 7/17/2020; last week is 7/11 - 7/17, previous week is 7/4 - 7/10.

Testing: State-level values calculated by using 7-day rolling averages of reported tests. Regional- and national-level values calculated by using a 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 7/15/2020. Last week is 7/9 - 7/15, previous week is 7/2 - 7/8. Testing data are inclusive of everything received and processed by the CELR system as of 14:00 EDT on 07/19/2020. Some dates may be incomplete due to delays in reporting. Testing data may be backfilled over time, resulting in changes week-to-week in testing data. It is critical that states provide as up-to-date testing data as possible.

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; 100% represents the baseline mobility level. Data is anonymized and provided at the county level. Data through 7/16/2020.

SNFs: Skilled nursing facilities. National Healthcare Safety Network. Last week is 7/6-7/12, previous week is 6/29-7/5.



NEBRASKA

STATE REPORT | 07.19.2020

LOCALITIES IN RED ZONE

LOCALITIES IN YELLOW ZONE

METRO AREA (CBSA) LAST WEEK

1	Lincoln
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9	Omaha-Council Bluffs Sioux City Grand Island Columbus Scottsbluff Norfolk Hastings Lexington Beatrice
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COUNTY LAST WEEK

8	Lancaster Thurston Thayer Clay Antelope McPherson Deuel Garfield
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33 Top 12 shown (full list below)	Douglas Sarpy Dakota Hall Platte Cass Scotts Bluff Madison Saunders Adams Washington Dawson
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All Red CBSAs: Lincoln

All Yellow CBSAs: Omaha-Council Bluffs, Sioux City, Grand Island, Columbus, Scottsbluff, Norfolk, Hastings, Lexington, Beatrice

All Red Counties: Lancaster, Thurston, Thayer, Clay, Antelope, McPherson, Deuel, Garfield

All Yellow Counties: Douglas, Sarpy, Dakota, Hall, Platte, Cass, Scotts Bluff, Madison, Saunders, Adams, Washington, Dawson, Saline, Seward, Gage, Colfax, Hamilton, York, Dixon, Wayne, Burt, Richardson, Kimball, Cheyenne, Johnson, Webster, Nance, Nuckolls, Cherry, Nemaha, Pawnee, Dundy, Butler

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 a diagnostic test positivity result above 10%.

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

Note: Top 12 locations are selected based on the highest number of new cases in the last three weeks.

DATA SOURCES

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 7/17/2020; last week is 7/11 - 7/17, three weeks is 6/27 - 7/17.

Testing: CELR (COVID-19 Electronic Lab Reporting) state health department-reported data through 7/15/2020. Last week is 7/9 - 7/15. Testing data may be backfilled over time, resulting in changes week-to-week in testing data. It is critical that states provide as up-to-date testing data as possible.

POLICY RECOMMENDATIONS FOR COUNTIES IN THE RED ZONE

Public Messaging

- Wear a mask at all times outside the home and maintain physical distance
- Limit social gatherings to 10 people or fewer
- Do not go to bars, nightclubs, or gyms
- Use take out or eat outdoors socially distanced
- Protect anyone with serious medical conditions at home by social distancing at home and using high levels of personal hygiene, including handwashing and cleaning surfaces
- Reduce your public interactions and activities to 25% of your normal activity

Public Officials

- Close bars and gyms, and create outdoor dining opportunities with pedestrian areas
- Limit social gatherings to 10 people or fewer
- Institute routine weekly testing of all workers in assisted living and long-term care facilities. Require masks for all staff and prohibit visitors
- Ensure that all business retailers and personal services require masks and can safely social distance
- Increase messaging on the risk of serious disease for individuals in all age groups with preexisting obesity, hypertension, and diabetes mellitus, and recommend to shelter in place
- Work with local community groups to provide targeted, tailored messaging to communities with high case rates, and increase community level testing
- Recruit more contact tracers as community outreach workers to ensure all cases are contacted and all positive households are individually tested within 24 hours
- Provide isolation facilities outside of households if COVID-positive individuals can't quarantine successfully

Testing

- Move to community-led neighborhood testing and work with local community groups to increase access to testing
- Surge testing and contact tracing resources to neighborhoods and zip codes with highest case rates
- **Diagnostic pooling:** Laboratories should use pooling of samples to increase testing access and reduce turnaround times to under 12 hours. Consider pools of 2-3 individuals in high incidence settings and 5:1 pools in setting where test positivity is under 10%
- **Surveillance pooling:** For family and cohabitating households, screen entire households in a single test by pooling specimens of all members into single collection device

POLICY RECOMMENDATIONS FOR COUNTIES IN THE YELLOW ZONE IN ORDER TO PREEMPT EXPONENTIAL COMMUNITY SPREAD

Public Messaging

- Wear a mask at all times outside the home and maintain physical distance
- Limit social gatherings to 25 people or fewer
- Do not go to bars or nightclubs
- Use take out, outdoor dining or indoor dining when strict social distancing can be maintained
- Protect anyone with serious medical conditions at home by social distancing at home and using high levels of personal hygiene
- Reduce your public interactions and activities to 50% of your normal activity

Public Officials

- Limit gyms to 25% occupancy and close bars until percent positive rates are under 3%; create outdoor dining opportunities with pedestrian areas
- Limit social gatherings to 25 people or fewer
- Institute routine weekly testing of all workers in assisted living and long-term care facilities. Require masks for all staff and prohibit visitors
- Ensure that all business retailers and personal services require masks and can safely social distance
- Increase messaging on the risk of serious disease for individuals in all age groups with preexisting obesity, hypertension, and diabetes mellitus, and recommend to shelter in place
- Work with local community groups to provide targeted, tailored messaging to communities with high case rates, and increase community level testing
- Recruit more contact tracers as community outreach workers to ensure all cases are contacted and all positive households are individually tested within 24 hours
- Provide isolation facilities outside of households if COVID-positive individuals can't quarantine successfully

Testing

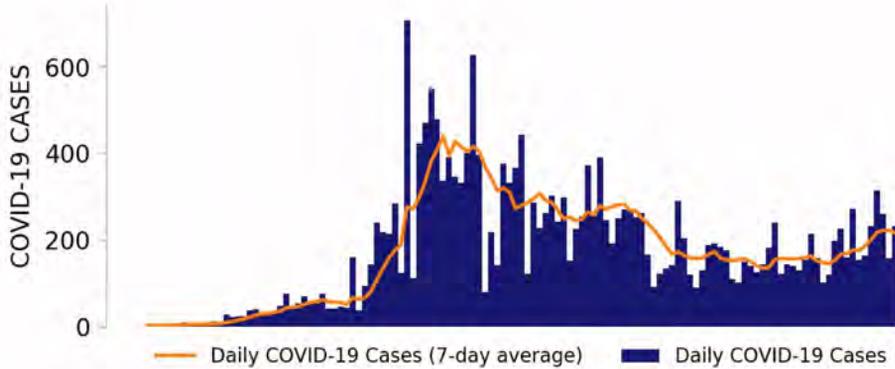
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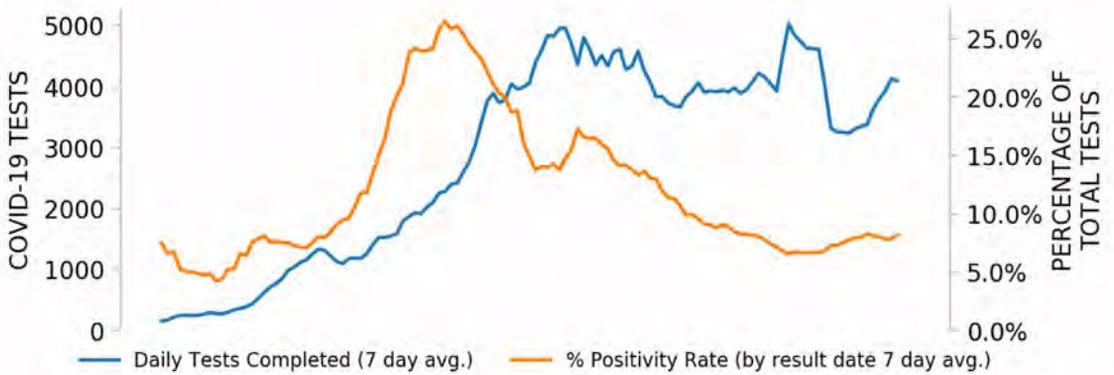
NEBRASKA

STATE REPORT | 07.19.2020

NEW CASES

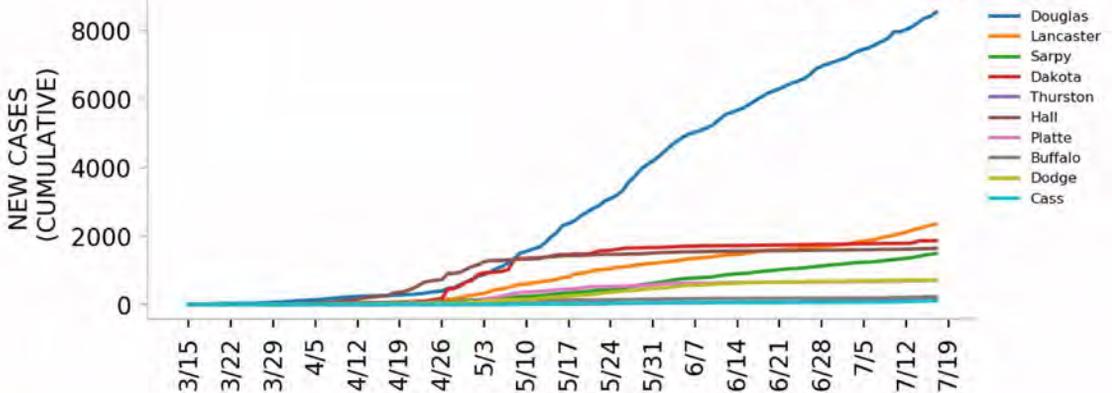


TESTING



Top counties based on greatest number of new cases in last three weeks (6/27 - 7/17)

TOP COUNTIES



DATA SOURCES

Cases: County-level data from USAFacts. 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 7/17/2020.

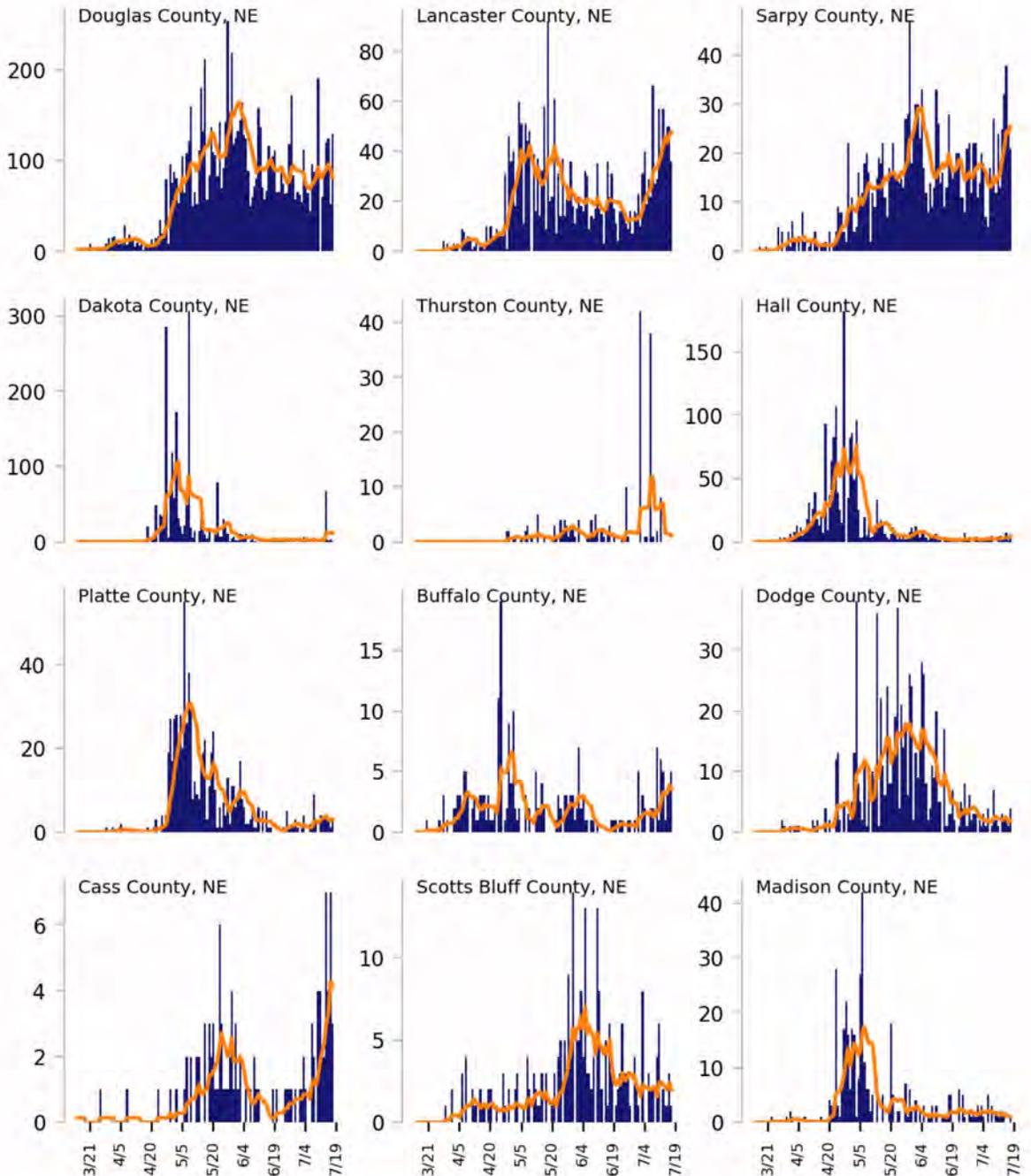
Testing: CELR (COVID-19 Electronic Lab Reporting) state health department-reported data through 7/15/2020.



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



DATA SOURCES

Cases: County-level data from USAFacts through 7/17/2020. Last 3 weeks is 6/27 - 7/17.

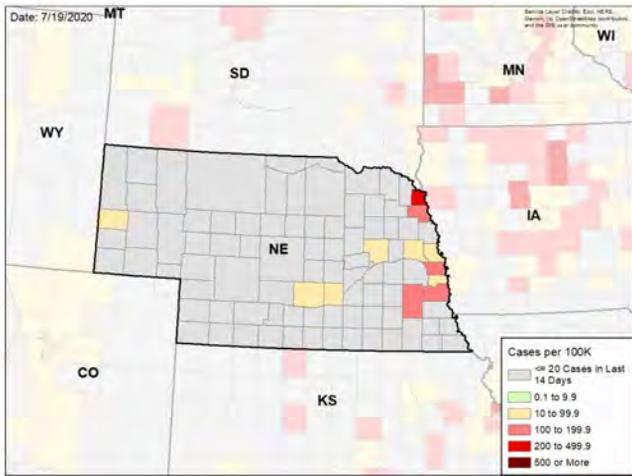


NEBRASKA

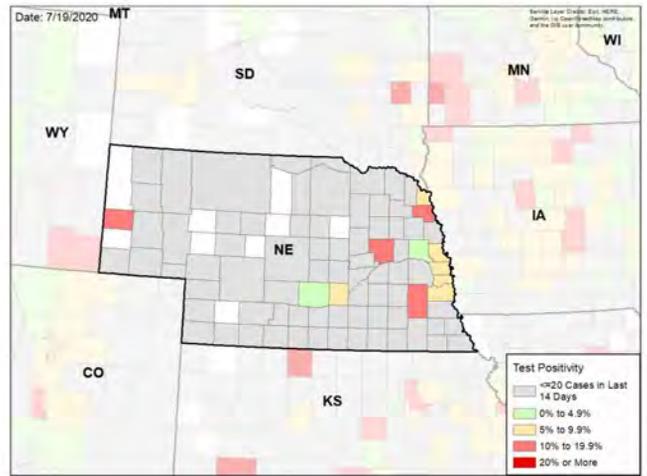
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CASE RATES AND DIAGNOSTIC TEST POSITIVITY DURING THE LAST WEEK

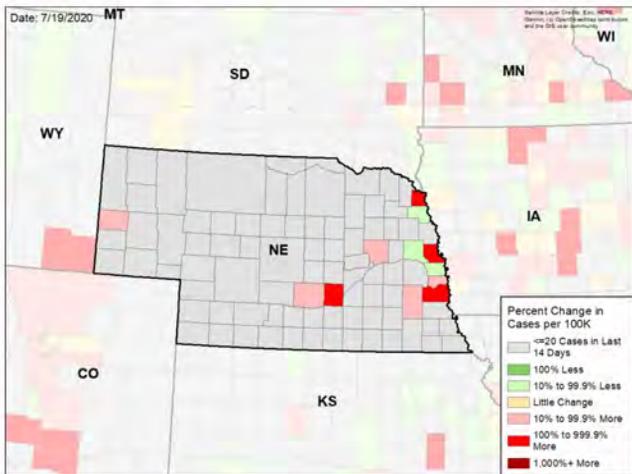
NEW CASES PER 100,000 DURING LAST WEEK



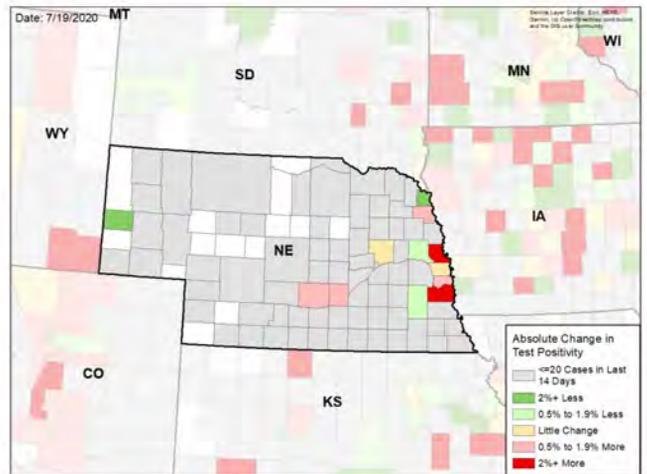
TEST POSITIVITY DURING LAST WEEK



WEEKLY % CHANGE IN NEW CASES PER 100K



WEEKLY CHANGE IN TEST POSITIVITY



DATA SOURCES

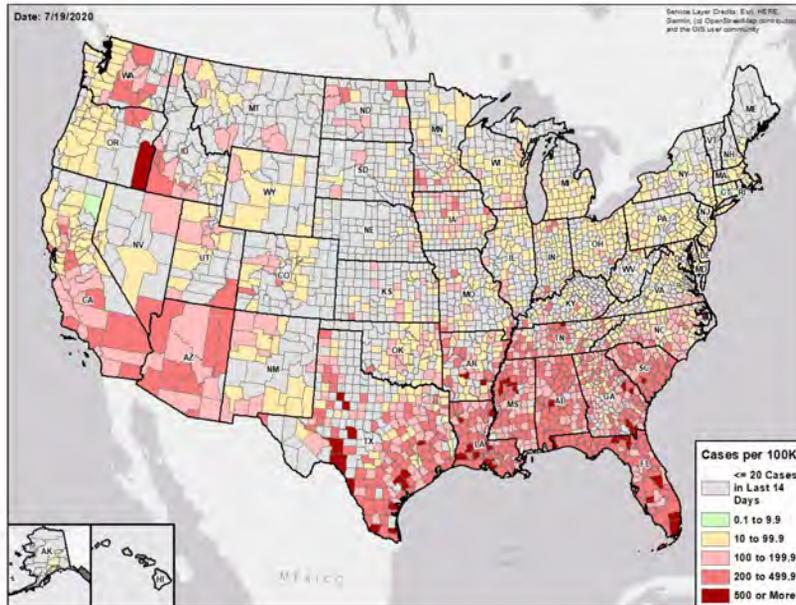
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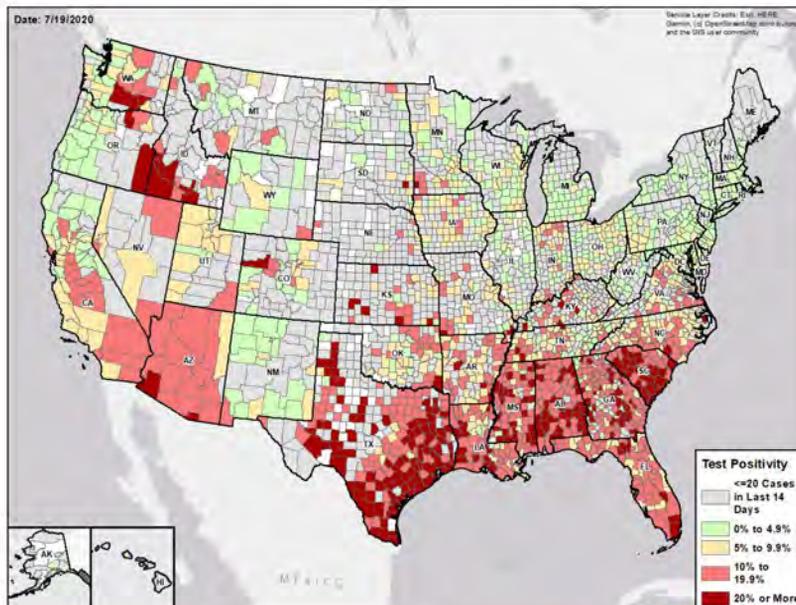


National Picture

NEW CASES PER 100,000 LAST WEEK



TEST POSITIVITY LAST WEEK



DATA SOURCES

Cases: County-level data from USAFacts through 7/17/2020. Last week is 7/11 - 7/17

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 7/15/2020. Last week is 7/9 - 7/15. Testing data may be backfilled over time, resulting in changes week-to-week in testing data. It is critical that states provide as up-to-date testing data as possible.



Methods

STATE REPORT | 07.19.2020

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)

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	<0.5	0.5-2	>2
Percent change in deaths per 100,000 population	<-10%	-10% - 10%	>10%
Skilled Nursing Facilities with at least one COVID-19 case	0%	0.1%-5%	>5%
Change in SNFs with at least one COVID-19 case	<-0.5%	-0.5%-0.5%	>0.5%

DATA NOTES

- **Cases and deaths:** County-level data from USAFacts as of 13:00 EDT on 07/18/2020. 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 7/11 to 7/17; previous week data are from 7/4 to 7/10.
- **Testing:** CELR (COVID-19 Electronic Lab Reporting) state health department-reported data are used to describe state-level totals when able to be disaggregated from serology test results and to describe county-level 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. Total diagnostic tests are the number of tests performed, not the number of individuals tested. Diagnostic test positivity rate is the number of positive tests divided by the number of tests performed and resulted. Last week data are from 7/9 to 7/15; previous week data are from 7/2 to 7/8. HHS Protect data is recent as of 16:30 EDT on 07/19/2020. Testing data are inclusive of everything received and processed by the CELR system as of 14:00 EDT on 07/19/2020. Testing data may be backfilled over time, resulting in changes week-to-week in testing data. It is critical that states provide as up-to-date testing data as possible.
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- **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.
- **Skilled Nursing Facilities:** National Healthcare Safety Network (NHSN). 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 analysis. Also note that data presented by NHSN is more recent than the data publicly posted by CMS. Therefore, data presented may differ slightly from those publicly posted by CMS.



NEVADA

STATE REPORT | 07.19.2020

SUMMARY

- Nevada is in the red zone for cases, indicating more than 100 new cases per 100,000 population last week, and the red zone for test positivity, indicating a rate above 10%.
- Nevada has seen an increase in new cases and an increase in testing positivity over the past week.
- The following three counties had the highest number of new cases over the past 3 weeks: 1. Clark County, 2. Washoe County, and 3. Elko County. These counties represent 97.9 percent of new cases in Nevada.
- Nevada had 238 new cases per 100,000 population in the past week, compared to a national average of 140 per 100,000.
- The federal government has deployed the following staff as assets to support the state response: 8 to support operations activities from FEMA and 9 to support medical activities from VA.
- During Jul 15 - Jul 17, on average, 138 patients with confirmed COVID-19 and 46 patients with suspected COVID-19 were reported as newly admitted each day to hospitals in Nevada. An average of 92 percent of hospitals reported 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

- Protect vulnerable populations in assisted living and long-term care facilities through weekly testing of all workers and requiring masks. In facilities with workers who tested positive, ensure all residents have been tested and appropriate cohorting measures are in place.
- Ensure enforcement of the masking requirements in business establishments.
- Consider further limitations on occupancy or operation of certain businesses in highly affected counties if cases continue to increase rapidly and communicate this concern to the business community.
- Continue to enhance contact tracing and ensure the ability of cases and contacts to quarantine or isolate safely.
- Test households in one tube with rapid turnaround testing. For households that test positive, isolate and conduct follow-up individual tests.
- Expand testing capacity in Public Health labs, adding shifts and weekend shifts to reduce turnaround times.
- Specific, detailed guidance on community mitigation measures can be found on the [CDC website](#).

The purpose of this report is to develop a shared understanding of the current status of the pandemic at the national, regional, state and local levels. We recognize that data at the state level may differ from that available at the federal level. Our objective is to use consistent data sources and methods that allow for comparisons to be made across localities. We appreciate your continued support in identifying data discrepancies and improving data completeness and sharing across systems. We look forward to your feedback.

** This figure may differ from state data due to differences in hospital lists between federal and state systems or inclusion of hospitals that are not admitting COVID-19 patients. We are working to incorporate feedback on an ongoing basis to update these figures. These data exclude psychiatric, rehabilitation, and religious non-medical hospitals.*



COVID-19

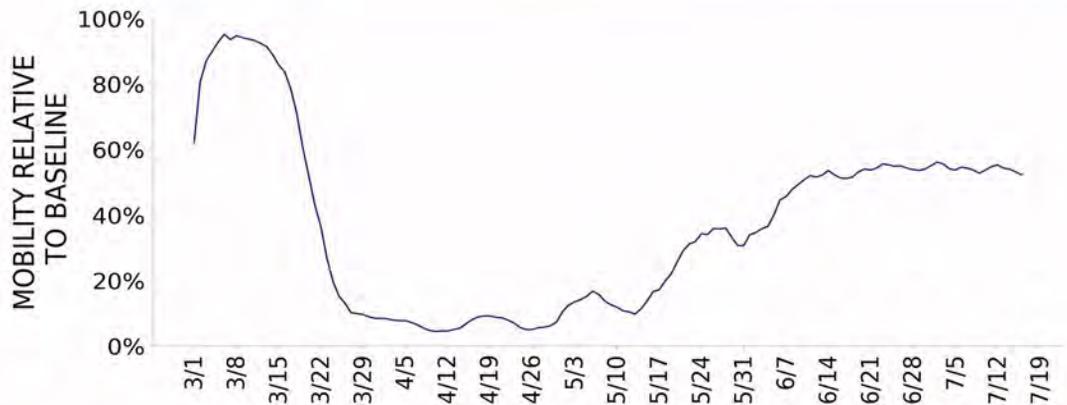


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STATE REPORT | 07.19.2020

	STATE, LAST WEEK	STATE, % CHANGE FROM PREVIOUS WEEK	FEMA/HHS REGION, LAST WEEK	UNITED STATES, LAST WEEK
NEW CASES (RATE PER 100,000)	7,341 (238)	+40.2%	90,868 (177)	460,366 (140)
DIAGNOSTIC TEST POSITIVITY RATE	13.4%	+1.6%*	10.3%	9.1%
TOTAL DIAGNOSTIC TESTS (TESTS PER 100,000)	44,839 (1,456)	-9.4%	790,849 (1,542)	4,940,998 (1,505)
COVID DEATHS (RATE PER 100,000)	58 (2)	+13.7%	1,160 (2)	5,122 (2)
SNFs WITH AT LEAST ONE COVID-19 CASE	15.0%	+3.9%	17.3%	10.0%

MOBILITY



* Indicates absolute change in percentage points

DATA SOURCES

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 7/17/2020; last week is 7/11 - 7/17, previous week is 7/4 - 7/10.

Testing: State-level values calculated by using 7-day rolling averages of reported tests. Regional- and national-level values calculated by using a 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 7/15/2020. Last week is 7/9 - 7/15, previous week is 7/2 - 7/8. Testing data are inclusive of everything received and processed by the CELR system as of 14:00 EDT on 07/19/2020. Some dates may be incomplete due to delays in reporting. Testing data may be backfilled over time, resulting in changes week-to-week in testing data. It is critical that states provide as up-to-date testing data as possible.

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; 100% represents the baseline mobility level. Data is anonymized and provided at the county level. Data through 7/16/2020.

SNFs: Skilled nursing facilities. National Healthcare Safety Network. Last week is 7/6-7/12, previous week is 6/29-7/5.



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STATE REPORT | 07.19.2020

LOCALITIES IN RED ZONE

LOCALITIES IN YELLOW ZONE

METRO AREA (CBSA) LAST WEEK

2	Las Vegas-Henderson-Paradise Elko
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5	Reno Pahrump Carson City Fernley Gardnerville Ranchos
----------	---

COUNTY LAST WEEK

2	Clark Elko
----------	---------------

6	Washoe Nye Carson City Lyon Douglas Lander
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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 a diagnostic test positivity result above 10%.

Yellow Zone: Those core-based statistical areas (CBSAs) and counties that during the last week reported both new cases between 10-100 per 100,000 population, and a diagnostic test positivity result between 5-10%, or one of those two conditions and one condition qualifying as being in the “Red Zone.”

Note: Top 12 locations are selected based on the highest number of new cases in the last three weeks.

DATA SOURCES

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 7/17/2020; last week is 7/11 - 7/17, three weeks is 6/27 - 7/17.

Testing: CELR (COVID-19 Electronic Lab Reporting) state health department-reported data through 7/15/2020. Last week is 7/9 - 7/15. Testing data may be backfilled over time, resulting in changes week-to-week in testing data. It is critical that states provide as up-to-date testing data as possible.

POLICY RECOMMENDATIONS FOR COUNTIES IN THE RED ZONE

Public Messaging

- Wear a mask at all times outside the home and maintain physical distance
- Limit social gatherings to 10 people or fewer
- Do not go to bars, nightclubs, or gyms
- Use take out or eat outdoors socially distanced
- Protect anyone with serious medical conditions at home by social distancing at home and using high levels of personal hygiene, including handwashing and cleaning surfaces
- Reduce your public interactions and activities to 25% of your normal activity

Public Officials

- Close bars and gyms, and create outdoor dining opportunities with pedestrian areas
- Limit social gatherings to 10 people or fewer
- Institute routine weekly testing of all workers in assisted living and long-term care facilities. Require masks for all staff and prohibit visitors
- Ensure that all business retailers and personal services require masks and can safely social distance
- Increase messaging on the risk of serious disease for individuals in all age groups with preexisting obesity, hypertension, and diabetes mellitus, and recommend to shelter in place
- Work with local community groups to provide targeted, tailored messaging to communities with high case rates, and increase community level testing
- Recruit more contact tracers as community outreach workers to ensure all cases are contacted and all positive households are individually tested within 24 hours
- Provide isolation facilities outside of households if COVID-positive individuals can't quarantine successfully

Testing

- Move to community-led neighborhood testing and work with local community groups to increase access to testing
- Surge testing and contact tracing resources to neighborhoods and zip codes with highest case rates
- **Diagnostic pooling:** Laboratories should use pooling of samples to increase testing access and reduce turnaround times to under 12 hours. Consider pools of 2-3 individuals in high incidence settings and 5:1 pools in setting where test positivity is under 10%
- **Surveillance pooling:** For family and cohabitating households, screen entire households in a single test by pooling specimens of all members into single collection device

POLICY RECOMMENDATIONS FOR COUNTIES IN THE YELLOW ZONE IN ORDER TO PREEMPT EXPONENTIAL COMMUNITY SPREAD

Public Messaging

- Wear a mask at all times outside the home and maintain physical distance
- Limit social gatherings to 25 people or fewer
- Do not go to bars or nightclubs
- Use take out, outdoor dining or indoor dining when strict social distancing can be maintained
- Protect anyone with serious medical conditions at home by social distancing at home and using high levels of personal hygiene
- Reduce your public interactions and activities to 50% of your normal activity

Public Officials

- Limit gyms to 25% occupancy and close bars until percent positive rates are under 3%; create outdoor dining opportunities with pedestrian areas
- Limit social gatherings to 25 people or fewer
- Institute routine weekly testing of all workers in assisted living and long-term care facilities. Require masks for all staff and prohibit visitors
- Ensure that all business retailers and personal services require masks and can safely social distance
- Increase messaging on the risk of serious disease for individuals in all age groups with preexisting obesity, hypertension, and diabetes mellitus, and recommend to shelter in place
- Work with local community groups to provide targeted, tailored messaging to communities with high case rates, and increase community level testing
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- Provide isolation facilities outside of households if COVID-positive individuals can't quarantine successfully

Testing

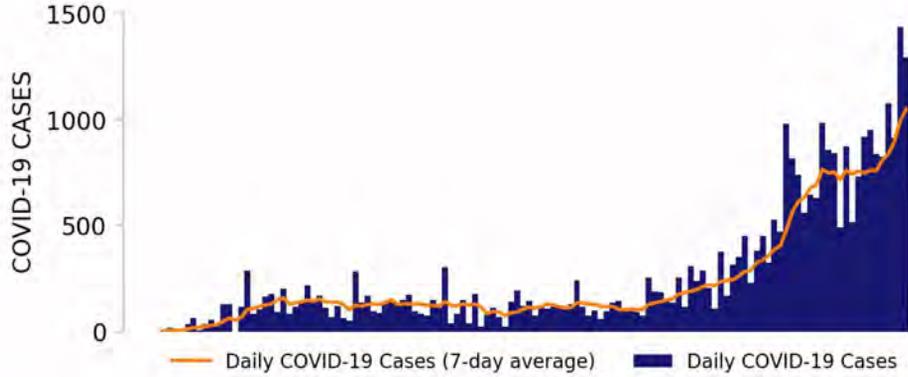
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- **Surveillance pooling:** For family and cohabitating households, screen entire households in a single test by pooling specimens of all members into single collection device



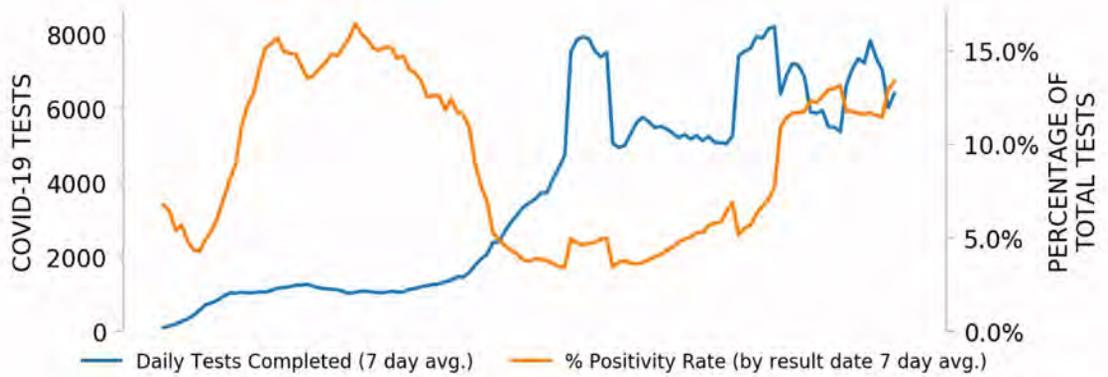
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NEW CASES

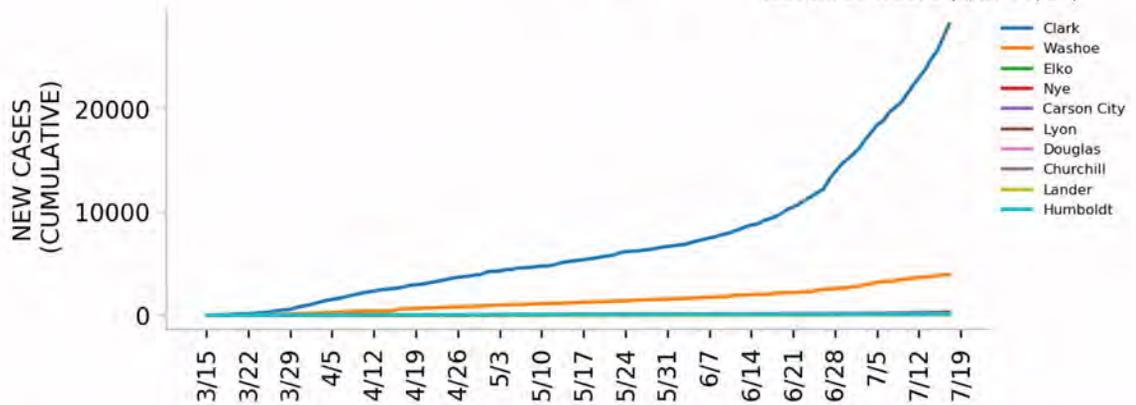


TESTING



Top counties based on greatest number of new cases in last three weeks (6/27 - 7/17)

TOP COUNTIES



DATA SOURCES

Cases: County-level data from USAFacts. 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 7/17/2020.

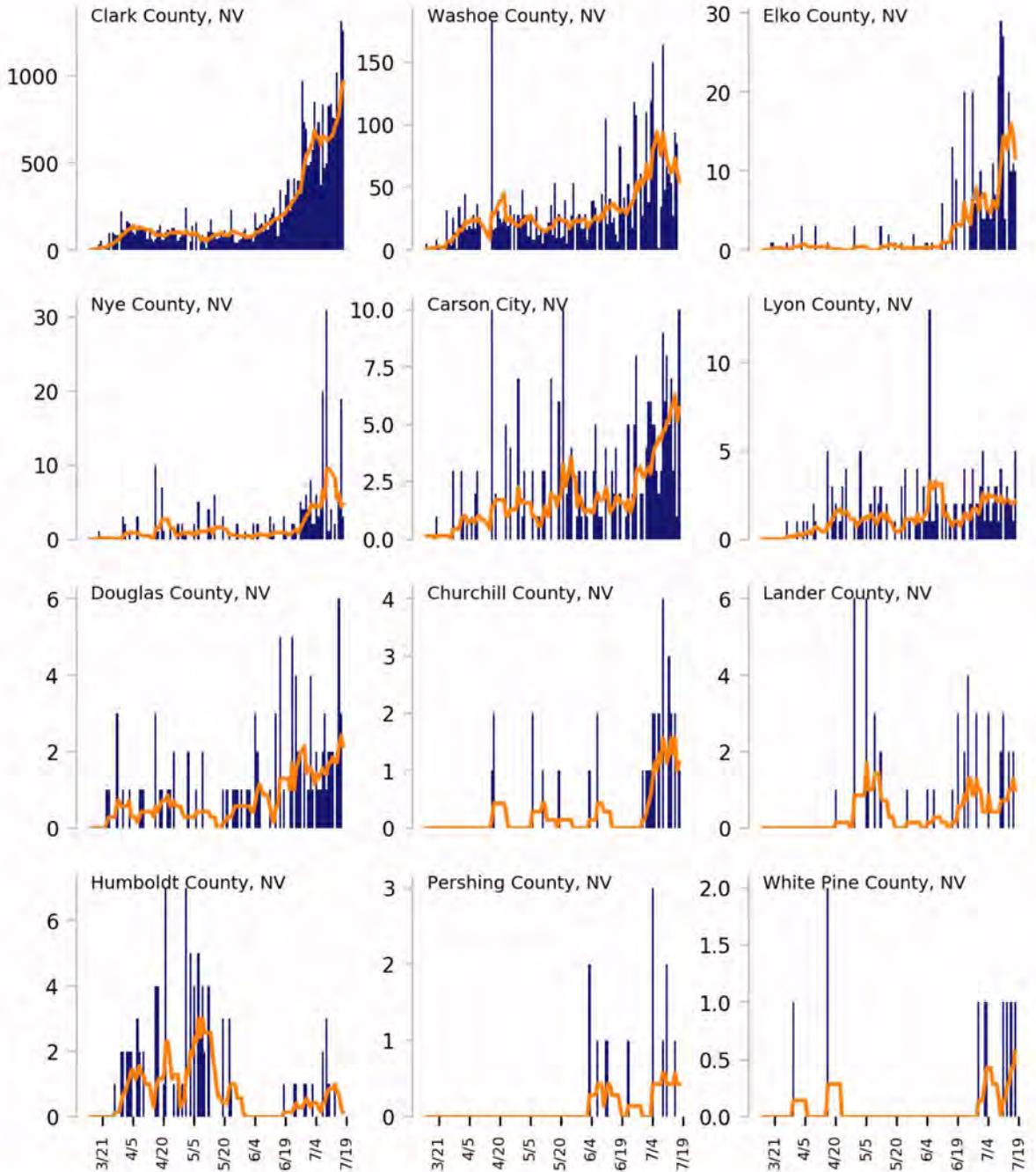
Testing: CELR (COVID-19 Electronic Lab Reporting) state health department-reported data through 7/15/2020.



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



DATA SOURCES

Cases: County-level data from USAFacts through 7/17/2020. Last 3 weeks is 6/27 - 7/17.

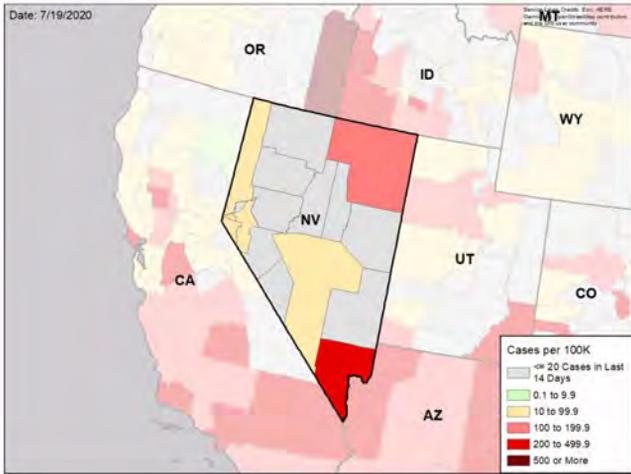


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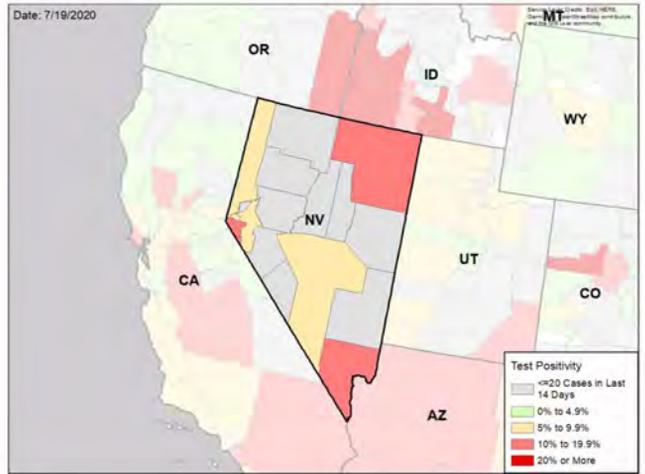
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CASE RATES AND DIAGNOSTIC TEST POSITIVITY DURING THE LAST WEEK

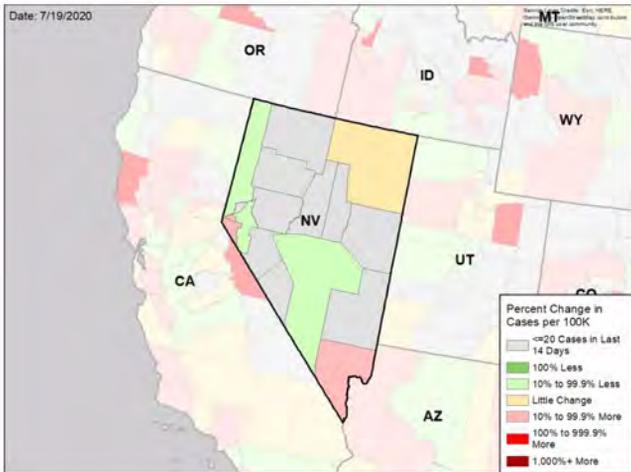
NEW CASES PER 100,000 DURING LAST WEEK



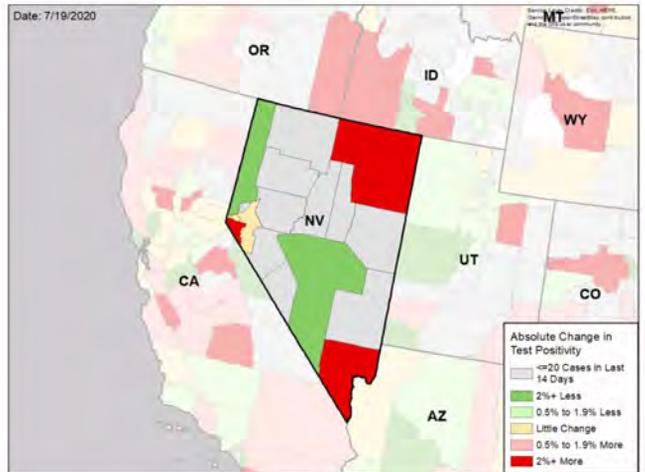
TEST POSITIVITY DURING LAST WEEK



WEEKLY % CHANGE IN NEW CASES PER 100K



WEEKLY CHANGE IN TEST POSITIVITY



DATA SOURCES

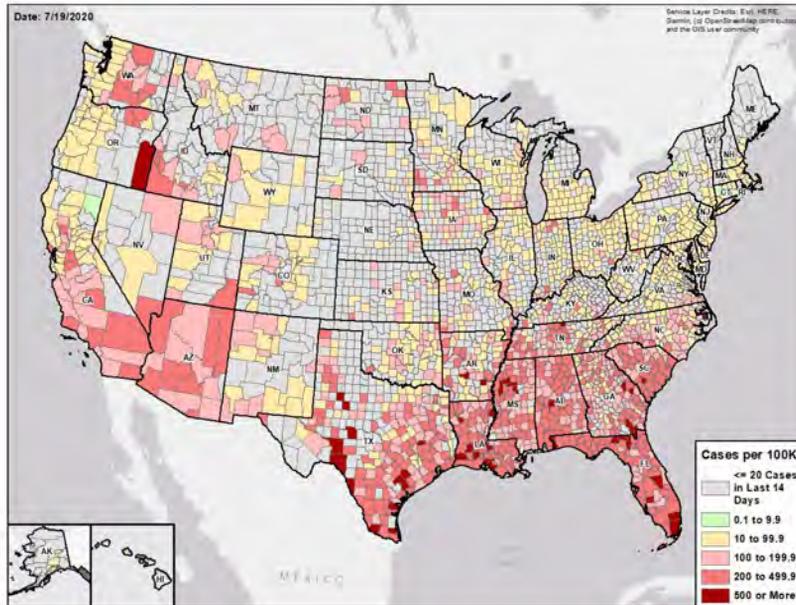
Cases: County-level data from USAFacts through 7/17/2020. Last week is 7/11 - 7/17, previous week is 7/4 - 7/10

Testing: CELR (COVID-19 Electronic Lab Reporting) state health department-reported data through 7/15/2020. Last week is 7/9 - 7/15, previous week is 7/2 - 7/8. Testing data may be backfilled over time, resulting in changes week-to-week in testing data. It is critical that states provide as up-to-date testing data as possible.

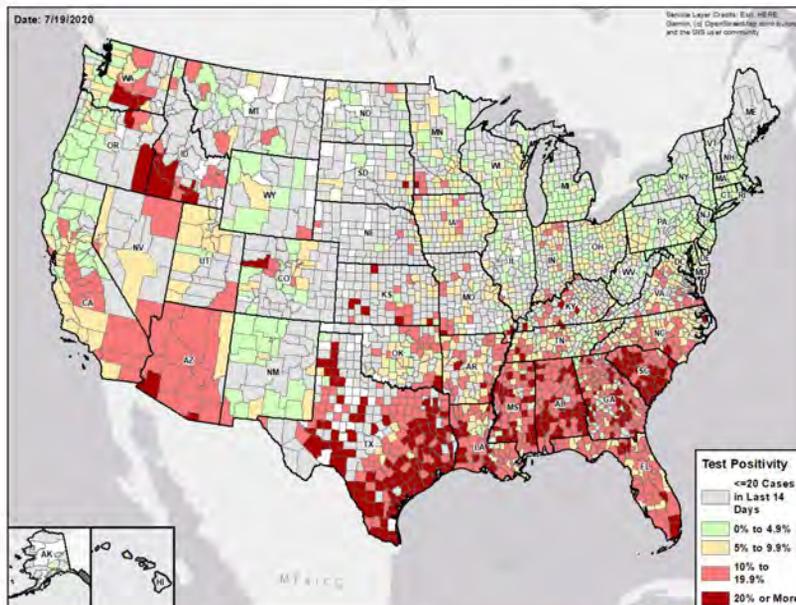


National Picture

NEW CASES PER 100,000 LAST WEEK



TEST POSITIVITY LAST WEEK



DATA SOURCES

Cases: County-level data from USAFacts through 7/17/2020. Last week is 7/11 - 7/17

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 7/15/2020. Last week is 7/9 - 7/15. Testing data may be backfilled over time, resulting in changes week-to-week in testing data. It is critical that states provide as up-to-date testing data as possible.



Methods

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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	<0.5	0.5-2	>2
Percent change in deaths per 100,000 population	<-10%	-10% - 10%	>10%
Skilled Nursing Facilities with at least one COVID-19 case	0%	0.1%-5%	>5%
Change in SNFs with at least one COVID-19 case	<-0.5%	-0.5%-0.5%	>0.5%

DATA NOTES

- Cases and deaths:** County-level data from USAFacts as of 13:00 EDT on 07/18/2020. 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 7/11 to 7/17; previous week data are from 7/4 to 7/10.
- Testing:** CELR (COVID-19 Electronic Lab Reporting) state health department-reported data are used to describe state-level totals when able to be disaggregated from serology test results and to describe county-level 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. Total diagnostic tests are the number of tests performed, not the number of individuals tested. Diagnostic test positivity rate is the number of positive tests divided by the number of tests performed and resulted. Last week data are from 7/9 to 7/15; previous week data are from 7/2 to 7/8. HHS Protect data is recent as of 16:30 EDT on 07/19/2020. Testing data are inclusive of everything received and processed by the CELR system as of 14:00 EDT on 07/19/2020. Testing data may be backfilled over time, resulting in changes week-to-week in testing data. It is critical that states provide as up-to-date testing data as possible.
- 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; 100% represents the baseline mobility level. Data is recent as of 13:00 EDT on 07/18/2020 and through 7/16/2020.
- 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.
- Skilled Nursing Facilities:** National Healthcare Safety Network (NHSN). 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 analysis. Also note that data presented by NHSN is more recent than the data publicly posted by CMS. Therefore, data presented may differ slightly from those publicly posted by CMS.



NEW HAMPSHIRE

STATE REPORT | 07.19.2020

SUMMARY

- New Hampshire is in the yellow zone for cases, indicating between 10 to 100 new cases per 100,000 population last week, and the green zone for test positivity, indicating a rate below 5%.
- New Hampshire has seen an increase in new cases and stability in testing positivity over the past week.
- The following three counties had the highest number of new cases over the past 3 weeks: 1. Hillsborough County, 2. Rockingham County, and 3. Merrimack County. These counties represent 81.9 percent of new cases in New Hampshire.
- New Hampshire had 13 new cases per 100,000 population in the past week, compared to a national average of 140 per 100,000.
- The federal government has deployed the following staff as assets to support the state response: 2 to support operations activities from FEMA.
- During Jul 15 - Jul 17, on average, 2 patients with confirmed COVID-19 and 22 patients with suspected COVID-19 were reported as newly admitted each day to hospitals in New Hampshire. An average of 86 percent of hospitals reported 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

- Continue the scaleup of testing, moving to community-led neighborhood testing and pooled household testing in the top 3 counties. Work with local communities and provide clear guidance on isolation.
- Recruit sufficient contact tracers as community outreach workers to ensure all cases are contacted and all members of positive households are individually tested within 24 hours.
- Protect those in nursing homes and long-term care facilities by assuring access to rapid facility-wide testing in response to a resident or staff member with COVID-19. Address staff and supply shortages. Ensure social distancing and universal facemask use.
- Specific, detailed guidance on community mitigation measures can be found on the [CDC website](#).

The purpose of this report is to develop a shared understanding of the current status of the pandemic at the national, regional, state and local levels. We recognize that data at the state level may differ from that available at the federal level. Our objective is to use consistent data sources and methods that allow for comparisons to be made across localities. We appreciate your continued support in identifying data discrepancies and improving data completeness and sharing across systems. We look forward to your feedback.

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COVID-19

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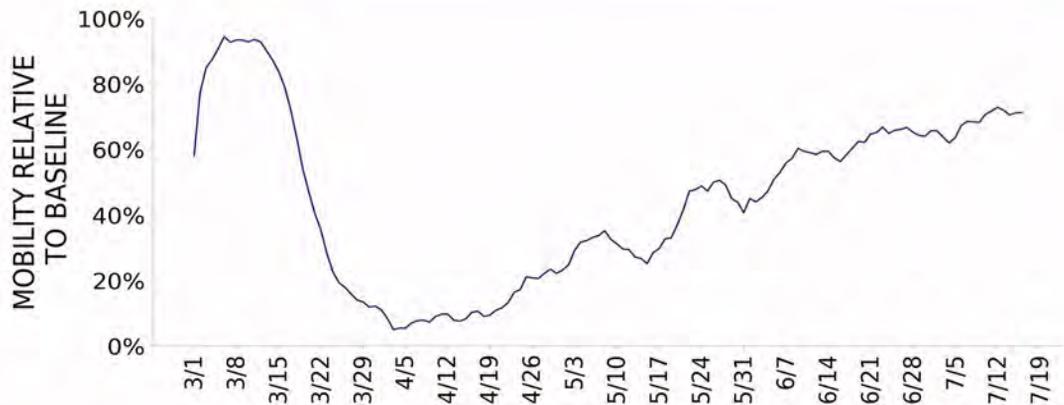


NEW HAMPSHIRE

STATE REPORT | 07.19.2020

	STATE, LAST WEEK	STATE, % CHANGE FROM PREVIOUS WEEK	FEMA/HHS REGION, LAST WEEK	UNITED STATES, LAST WEEK
NEW CASES (RATE PER 100,000)	174 (13)	+28.9%	3,236 (22)	460,366 (140)
DIAGNOSTIC TEST POSITIVITY RATE	1.6%	+0.3%*	1.7%	9.1%
TOTAL DIAGNOSTIC TESTS (TESTS PER 100,000)	12,927 (951)	+0.3%	184,227 (1,241)	4,940,998 (1,505)
COVID DEATHS (RATE PER 100,000)	5 (0)	-64.3%	179 (1)	5,122 (2)
SNFs WITH AT LEAST ONE COVID-19 CASE	4.5%	+1.4%	7.0%	10.0%

MOBILITY



* Indicates absolute change in percentage points

DATA SOURCES

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 7/17/2020; last week is 7/11 - 7/17, previous week is 7/4 - 7/10.

Testing: State-level values calculated by using 7-day rolling averages of reported tests. Regional- and national-level values calculated by using a 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 7/15/2020. Last week is 7/9 - 7/15, previous week is 7/2 - 7/8. Testing data are inclusive of everything received and processed by the CELR system as of 14:00 EDT on 07/19/2020. Some dates may be incomplete due to delays in reporting. Testing data may be backfilled over time, resulting in changes week-to-week in testing data. It is critical that states provide as up-to-date testing data as possible.

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SNFs: Skilled nursing facilities. National Healthcare Safety Network. Last week is 7/6-7/12, previous week is 6/29-7/5.



NEW HAMPSHIRE

STATE REPORT | 07.19.2020

LOCALITIES IN RED ZONE

LOCALITIES IN YELLOW ZONE

METRO AREA (CBSA) LAST WEEK

0	N/A
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0	N/A
----------	-----

COUNTY LAST WEEK

0	N/A
----------	-----

0	N/A
----------	-----

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 a diagnostic test positivity result above 10%.

Yellow Zone: Those core-based statistical areas (CBSAs) and counties that during the last week reported both new cases between 10-100 per 100,000 population, and a diagnostic test positivity result between 5-10%, or one of those two conditions and one condition qualifying as being in the “Red Zone.”

Note: Top 12 locations are selected based on the highest number of new cases in the last three weeks.

DATA SOURCES

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Testing: CELR (COVID-19 Electronic Lab Reporting) state health department-reported data through 7/15/2020. Last week is 7/9 - 7/15. Testing data may be backfilled over time, resulting in changes week-to-week in testing data. It is critical that states provide as up-to-date testing data as possible.

POLICY RECOMMENDATIONS FOR COUNTIES IN THE RED ZONE

Public Messaging

- Wear a mask at all times outside the home and maintain physical distance
- Limit social gatherings to 10 people or fewer
- Do not go to bars, nightclubs, or gyms
- Use take out or eat outdoors socially distanced
- Protect anyone with serious medical conditions at home by social distancing at home and using high levels of personal hygiene, including handwashing and cleaning surfaces
- Reduce your public interactions and activities to 25% of your normal activity

Public Officials

- Close bars and gyms, and create outdoor dining opportunities with pedestrian areas
- Limit social gatherings to 10 people or fewer
- Institute routine weekly testing of all workers in assisted living and long-term care facilities. Require masks for all staff and prohibit visitors
- Ensure that all business retailers and personal services require masks and can safely social distance
- Increase messaging on the risk of serious disease for individuals in all age groups with preexisting obesity, hypertension, and diabetes mellitus, and recommend to shelter in place
- Work with local community groups to provide targeted, tailored messaging to communities with high case rates, and increase community level testing
- Recruit more contact tracers as community outreach workers to ensure all cases are contacted and all positive households are individually tested within 24 hours
- Provide isolation facilities outside of households if COVID-positive individuals can't quarantine successfully

Testing

- Move to community-led neighborhood testing and work with local community groups to increase access to testing
- Surge testing and contact tracing resources to neighborhoods and zip codes with highest case rates
- **Diagnostic pooling:** Laboratories should use pooling of samples to increase testing access and reduce turnaround times to under 12 hours. Consider pools of 2-3 individuals in high incidence settings and 5:1 pools in setting where test positivity is under 10%
- **Surveillance pooling:** For family and cohabitating households, screen entire households in a single test by pooling specimens of all members into single collection device

POLICY RECOMMENDATIONS FOR COUNTIES IN THE YELLOW ZONE IN ORDER TO PREEMPT EXPONENTIAL COMMUNITY SPREAD

Public Messaging

- Wear a mask at all times outside the home and maintain physical distance
- Limit social gatherings to 25 people or fewer
- Do not go to bars or nightclubs
- Use take out, outdoor dining or indoor dining when strict social distancing can be maintained
- Protect anyone with serious medical conditions at home by social distancing at home and using high levels of personal hygiene
- Reduce your public interactions and activities to 50% of your normal activity

Public Officials

- Limit gyms to 25% occupancy and close bars until percent positive rates are under 3%; create outdoor dining opportunities with pedestrian areas
- Limit social gatherings to 25 people or fewer
- Institute routine weekly testing of all workers in assisted living and long-term care facilities. Require masks for all staff and prohibit visitors
- Ensure that all business retailers and personal services require masks and can safely social distance
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Testing

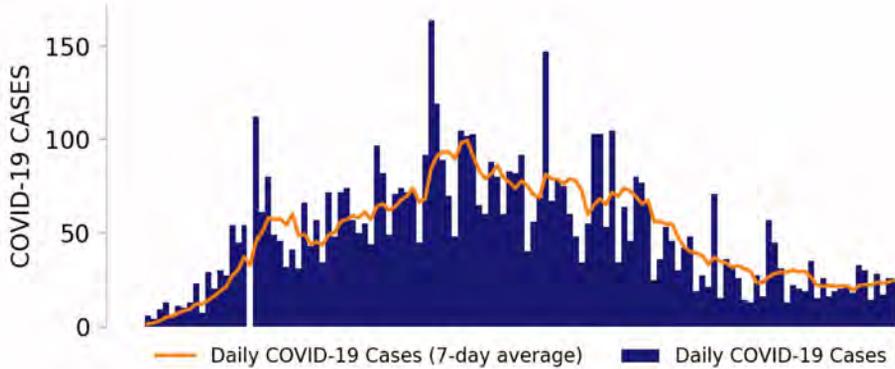
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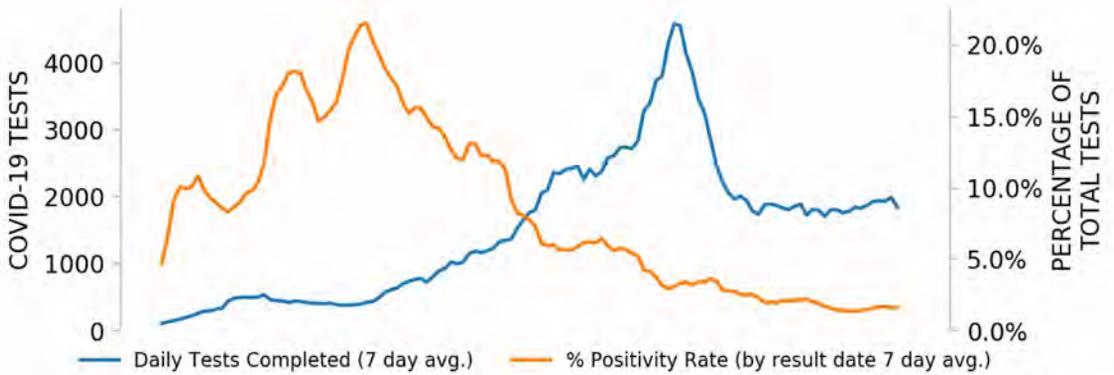
NEW HAMPSHIRE

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NEW CASES

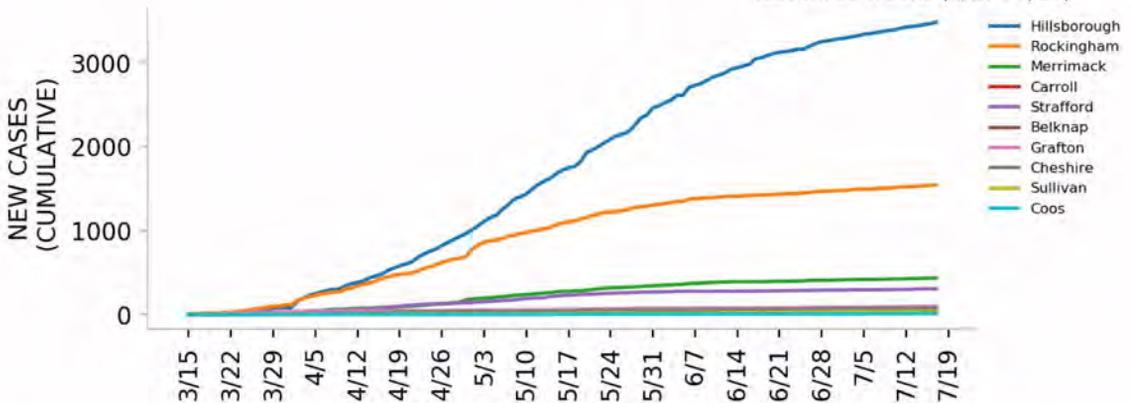


TESTING



Top counties based on greatest number of new cases in last three weeks (6/27 - 7/17)

TOP COUNTIES



DATA SOURCES

Cases: County-level data from USAFacts. 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 7/17/2020.

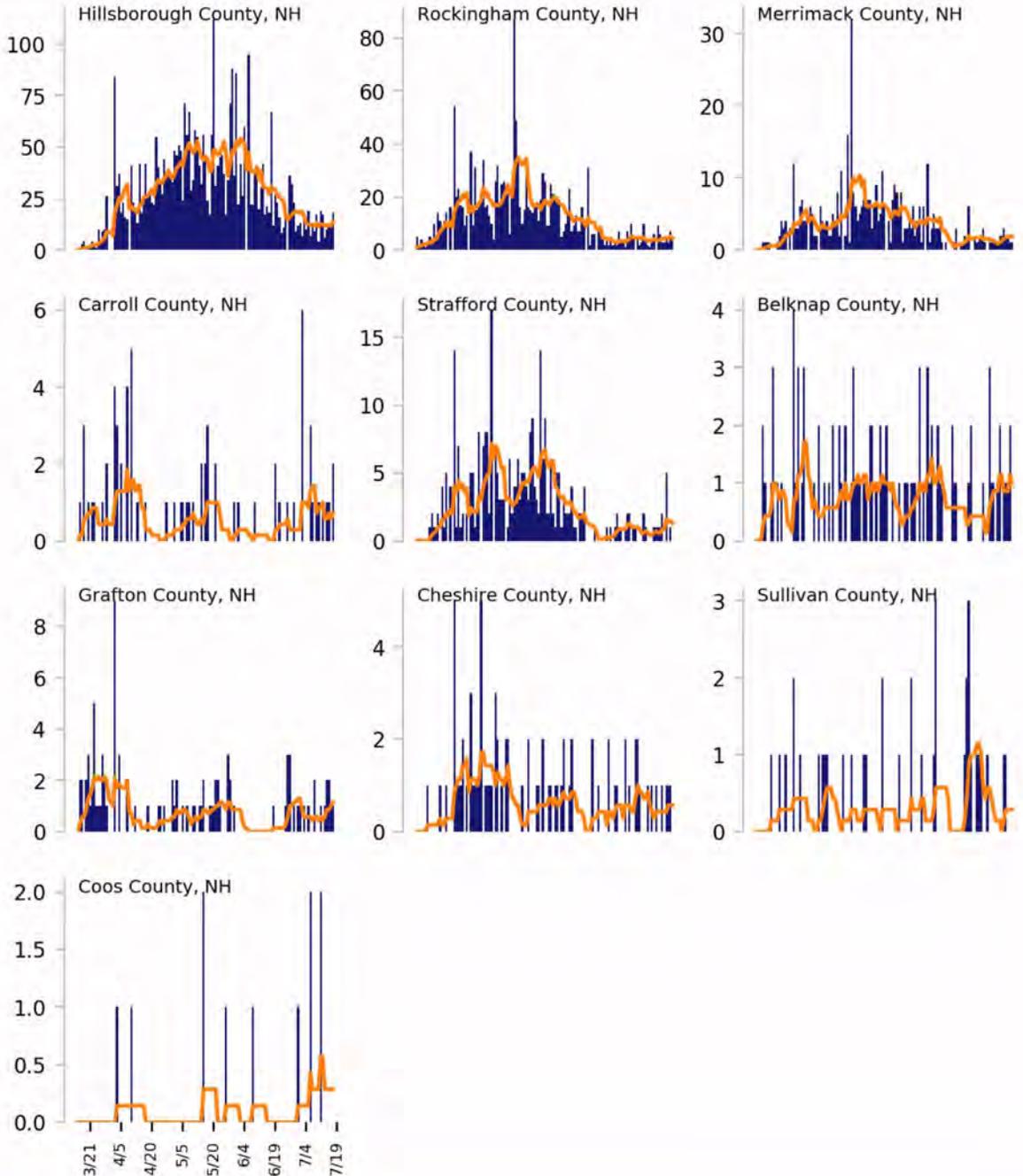
Testing: CELR (COVID-19 Electronic Lab Reporting) state health department-reported data through 7/15/2020.



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



DATA SOURCES

Cases: County-level data from USAFacts through 7/17/2020. Last 3 weeks is 6/27 - 7/17.

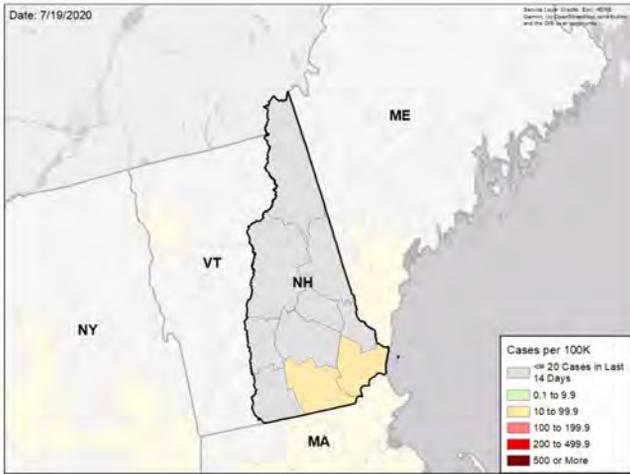


NEW HAMPSHIRE

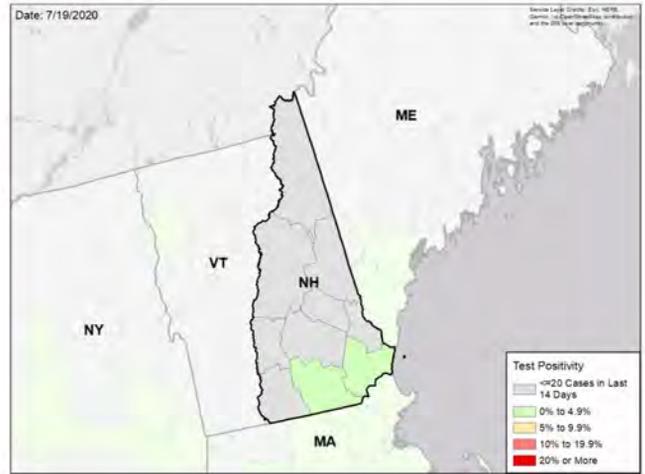
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CASE RATES AND DIAGNOSTIC TEST POSITIVITY DURING THE LAST WEEK

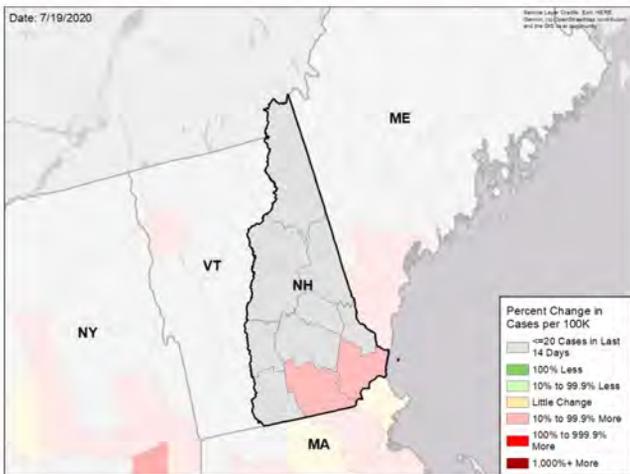
NEW CASES PER 100,000 DURING LAST WEEK



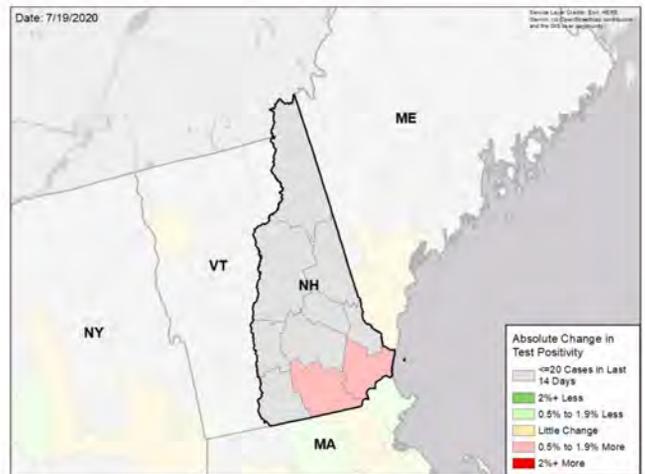
TEST POSITIVITY DURING LAST WEEK



WEEKLY % CHANGE IN NEW CASES PER 100K



WEEKLY CHANGE IN TEST POSITIVITY



DATA SOURCES

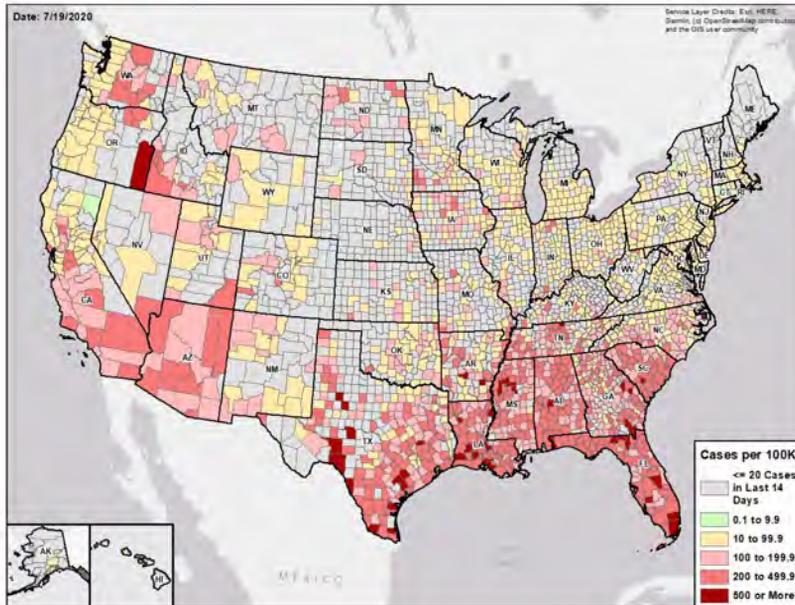
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Testing: CELR (COVID-19 Electronic Lab Reporting) state health department-reported data through 7/15/2020. Last week is 7/9 - 7/15, previous week is 7/2 - 7/8. Testing data may be backfilled over time, resulting in changes week-to-week in testing data. It is critical that states provide as up-to-date testing data as possible.

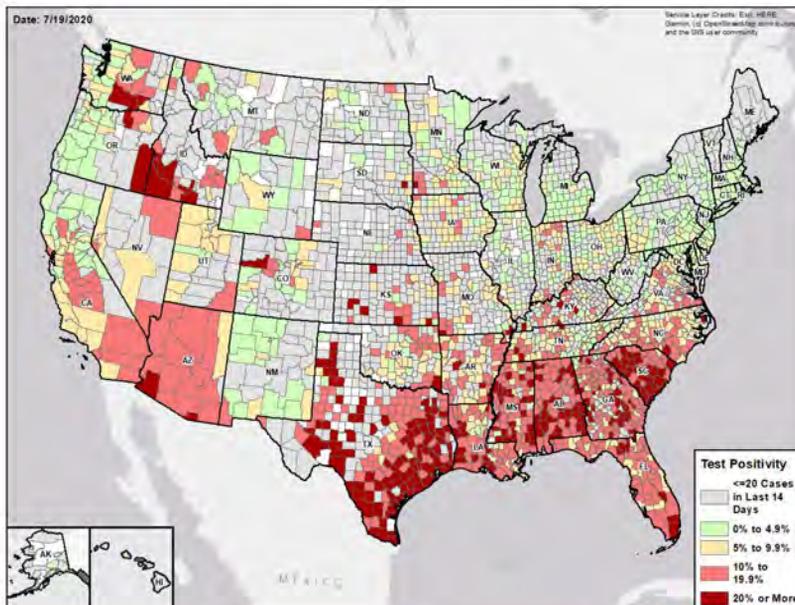


National Picture

NEW CASES PER 100,000 LAST WEEK



TEST POSITIVITY LAST WEEK



DATA SOURCES

Cases: County-level data from USAFacts through 7/17/2020. Last week is 7/11 - 7/17

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 7/15/2020. Last week is 7/9 - 7/15. Testing data may be backfilled over time, resulting in changes week-to-week in testing data. It is critical that states provide as up-to-date testing data as possible.



Methods

STATE REPORT | 07.19.2020

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)

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	<0.5	0.5-2	>2
Percent change in deaths per 100,000 population	<-10%	-10% - 10%	>10%
Skilled Nursing Facilities with at least one COVID-19 case	0%	0.1%-5%	>5%
Change in SNFs with at least one COVID-19 case	<-0.5%	-0.5%-0.5%	>0.5%

DATA NOTES

- Cases and deaths:** County-level data from USAFacts as of 13:00 EDT on 07/18/2020. 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 7/11 to 7/17; previous week data are from 7/4 to 7/10.
- Testing:** CELR (COVID-19 Electronic Lab Reporting) state health department-reported data are used to describe state-level totals when able to be disaggregated from serology test results and to describe county-level 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. Total diagnostic tests are the number of tests performed, not the number of individuals tested. Diagnostic test positivity rate is the number of positive tests divided by the number of tests performed and resulted. Last week data are from 7/9 to 7/15; previous week data are from 7/2 to 7/8. HHS Protect data is recent as of 16:30 EDT on 07/19/2020. Testing data are inclusive of everything received and processed by the CELR system as of 14:00 EDT on 07/19/2020. Testing data may be backfilled over time, resulting in changes week-to-week in testing data. It is critical that states provide as up-to-date testing data as possible.
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- 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.
- Skilled Nursing Facilities:** National Healthcare Safety Network (NHSN). 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 analysis. Also note that data presented by NHSN is more recent than the data publicly posted by CMS. Therefore, data presented may differ slightly from those publicly posted by CMS.



NEW JERSEY

STATE REPORT | 07.19.2020

SUMMARY

- New Jersey is in the yellow zone for cases, indicating between 10 to 100 new cases per 100,000 population last week, and the green zone for test positivity, indicating a rate below 5%.
- New Jersey has seen stability in new cases and stability in testing positivity over the past week.
- The following three counties had the highest number of new cases over the past 3 weeks: 1. Bergen County, 2. Monmouth County, and 3. Camden County. These counties represent 30.0 percent of new cases in New Jersey.
- New Jersey had 22 new cases per 100,000 population in the past week, compared to a national average of 140 per 100,000.
- The federal government has deployed the following staff as assets to support the state response: 53 to support operations activities from FEMA; 15 to support operations activities from USCG; 6 to support medical activities from VA; and 3 to support operations activities from VA.
- During Jul 15 - Jul 17, on average, 24 patients with confirmed COVID-19 and 120 patients with suspected COVID-19 were reported as newly admitted each day to hospitals in New Jersey. An average of 42 percent of hospitals reported 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

- Continue weekly testing of all workers in assisted living and long-term care facilities. Require masks and social distancing for all visitors.
- Continue requirement of wearing cloth masks in public spaces and scale-up of contact tracing.
- Specific, detailed guidance on community mitigation measures can be found on the [CDC website](#).

The purpose of this report is to develop a shared understanding of the current status of the pandemic at the national, regional, state and local levels. We recognize that data at the state level may differ from that available at the federal level. Our objective is to use consistent data sources and methods that allow for comparisons to be made across localities. We appreciate your continued support in identifying data discrepancies and improving data completeness and sharing across systems. We look forward to your feedback.

** This figure may differ from state data due to differences in hospital lists between federal and state systems or inclusion of hospitals that are not admitting COVID-19 patients. We are working to incorporate feedback on an ongoing basis to update these figures. These data exclude psychiatric, rehabilitation, and religious non-medical hospitals.*



COVID-19

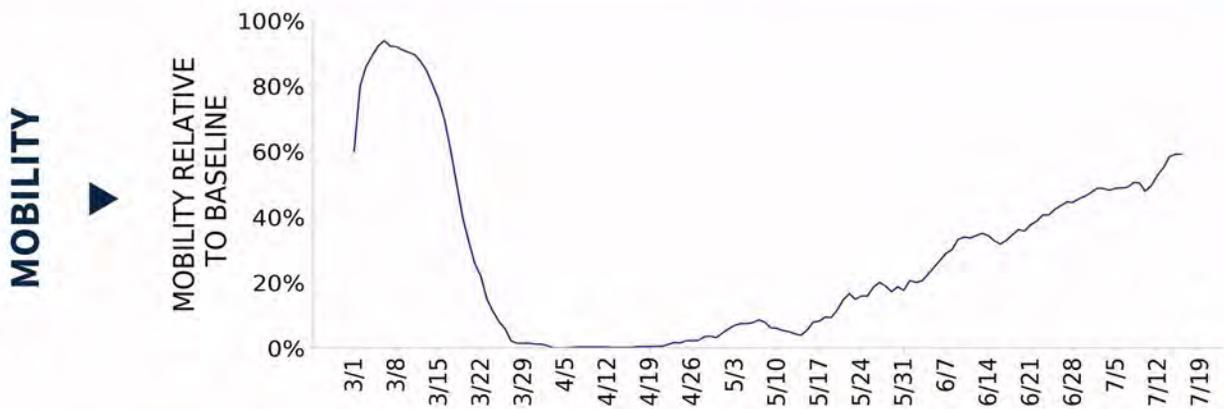
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NEW JERSEY

STATE REPORT | 07.19.2020

	STATE, LAST WEEK	STATE, % CHANGE FROM PREVIOUS WEEK	FEMA/HHS REGION, LAST WEEK	UNITED STATES, LAST WEEK
NEW CASES (RATE PER 100,000)	1,972 (22)	+4.7%	7,224 (25)	460,366 (140)
DIAGNOSTIC TEST POSITIVITY RATE	2.2%	-0.3%*	1.6%	9.1%
TOTAL DIAGNOSTIC TESTS (TESTS PER 100,000)	111,626 (1,257)	-4.6%	565,171 (1,995)	4,940,998 (1,505)
COVID DEATHS (RATE PER 100,000)	206 (2)	-34.4%	350 (1)	5,122 (2)
SNFs WITH AT LEAST ONE COVID-19 CASE	13.3%	-0.1%	11.1%	10.0%



* Indicates absolute change in percentage points

DATA SOURCES

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 7/17/2020; last week is 7/11 - 7/17, previous week is 7/4 - 7/10.

Testing: State-level values calculated by using 7-day rolling averages of reported tests. Regional- and national-level values calculated by using a 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 7/15/2020. Last week is 7/9 - 7/15, previous week is 7/2 - 7/8. Testing data are inclusive of everything received and processed by the CELR system as of 14:00 EDT on 07/19/2020. Some dates may be incomplete due to delays in reporting. Testing data may be backfilled over time, resulting in changes week-to-week in testing data. It is critical that states provide as up-to-date testing data as possible.

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; 100% represents the baseline mobility level. Data is anonymized and provided at the county level. Data through 7/16/2020.

SNFs: Skilled nursing facilities. National Healthcare Safety Network. Last week is 7/6-7/12, previous week is 6/29-7/5.



NEW JERSEY

STATE REPORT | 07.19.2020

LOCALITIES IN RED ZONE

LOCALITIES IN YELLOW ZONE

METRO AREA (CBSA) LAST WEEK

0

N/A

1

Atlantic City-Hammonton

COUNTY LAST WEEK

0

N/A

1

Atlantic

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 a diagnostic test positivity result above 10%.

Yellow Zone: Those core-based statistical areas (CBSAs) and counties that during the last week reported both new cases between 10-100 per 100,000 population, and a diagnostic test positivity result between 5-10%, or one of those two conditions and one condition qualifying as being in the “Red Zone.”

Note: Top 12 locations are selected based on the highest number of new cases in the last three weeks.

DATA SOURCES

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 7/17/2020; last week is 7/11 - 7/17, three weeks is 6/27 - 7/17.

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POLICY RECOMMENDATIONS FOR COUNTIES IN THE RED ZONE

Public Messaging

- Wear a mask at all times outside the home and maintain physical distance
- Limit social gatherings to 10 people or fewer
- Do not go to bars, nightclubs, or gyms
- Use take out or eat outdoors socially distanced
- Protect anyone with serious medical conditions at home by social distancing at home and using high levels of personal hygiene, including handwashing and cleaning surfaces
- Reduce your public interactions and activities to 25% of your normal activity

Public Officials

- Close bars and gyms, and create outdoor dining opportunities with pedestrian areas
- Limit social gatherings to 10 people or fewer
- Institute routine weekly testing of all workers in assisted living and long-term care facilities. Require masks for all staff and prohibit visitors
- Ensure that all business retailers and personal services require masks and can safely social distance
- Increase messaging on the risk of serious disease for individuals in all age groups with preexisting obesity, hypertension, and diabetes mellitus, and recommend to shelter in place
- Work with local community groups to provide targeted, tailored messaging to communities with high case rates, and increase community level testing
- Recruit more contact tracers as community outreach workers to ensure all cases are contacted and all positive households are individually tested within 24 hours
- Provide isolation facilities outside of households if COVID-positive individuals can't quarantine successfully

Testing

- Move to community-led neighborhood testing and work with local community groups to increase access to testing
- Surge testing and contact tracing resources to neighborhoods and zip codes with highest case rates
- **Diagnostic pooling:** Laboratories should use pooling of samples to increase testing access and reduce turnaround times to under 12 hours. Consider pools of 2-3 individuals in high incidence settings and 5:1 pools in setting where test positivity is under 10%
- **Surveillance pooling:** For family and cohabitating households, screen entire households in a single test by pooling specimens of all members into single collection device

POLICY RECOMMENDATIONS FOR COUNTIES IN THE YELLOW ZONE IN ORDER TO PREEMPT EXPONENTIAL COMMUNITY SPREAD

Public Messaging

- Wear a mask at all times outside the home and maintain physical distance
- Limit social gatherings to 25 people or fewer
- Do not go to bars or nightclubs
- Use take out, outdoor dining or indoor dining when strict social distancing can be maintained
- Protect anyone with serious medical conditions at home by social distancing at home and using high levels of personal hygiene
- Reduce your public interactions and activities to 50% of your normal activity

Public Officials

- Limit gyms to 25% occupancy and close bars until percent positive rates are under 3%; create outdoor dining opportunities with pedestrian areas
- Limit social gatherings to 25 people or fewer
- Institute routine weekly testing of all workers in assisted living and long-term care facilities. Require masks for all staff and prohibit visitors
- Ensure that all business retailers and personal services require masks and can safely social distance
- Increase messaging on the risk of serious disease for individuals in all age groups with preexisting obesity, hypertension, and diabetes mellitus, and recommend to shelter in place
- Work with local community groups to provide targeted, tailored messaging to communities with high case rates, and increase community level testing
- Recruit more contact tracers as community outreach workers to ensure all cases are contacted and all positive households are individually tested within 24 hours
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Testing

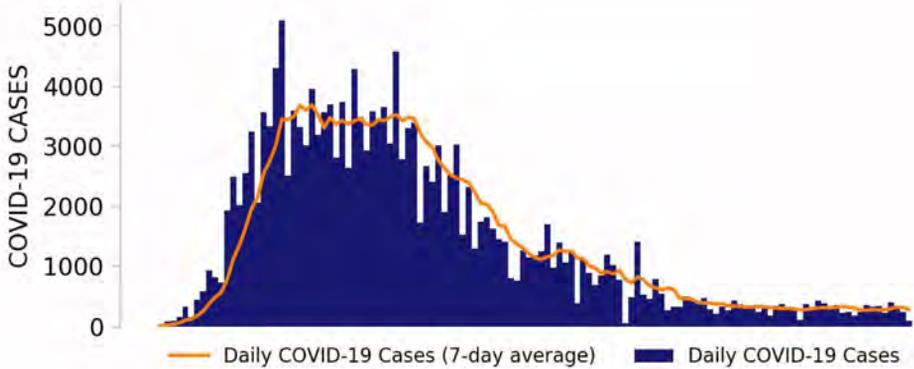
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- Surge testing and contact tracing resources to neighborhoods and zip codes with highest case rates
- **Diagnostic pooling:** Laboratories should use pooling of samples to increase testing access and reduce turnaround times to under 12 hours. Consider pools of 3-5 individuals
- **Surveillance pooling:** For family and cohabitating households, screen entire households in a single test by pooling specimens of all members into single collection device



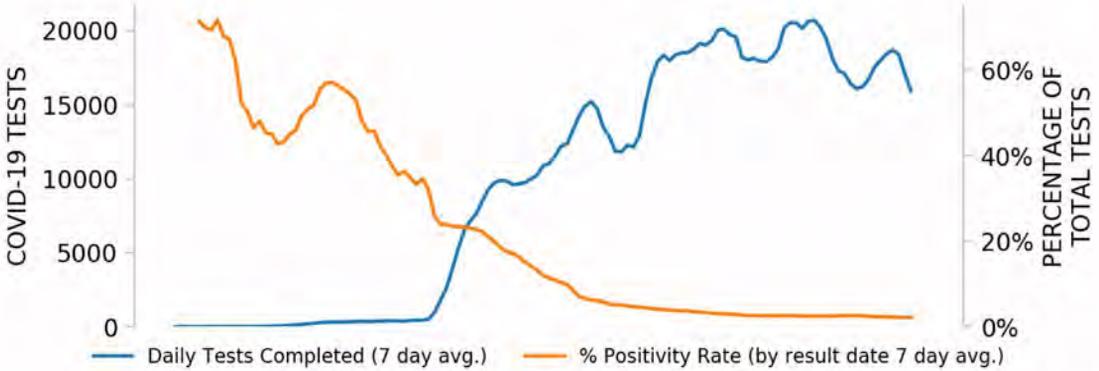
NEW JERSEY

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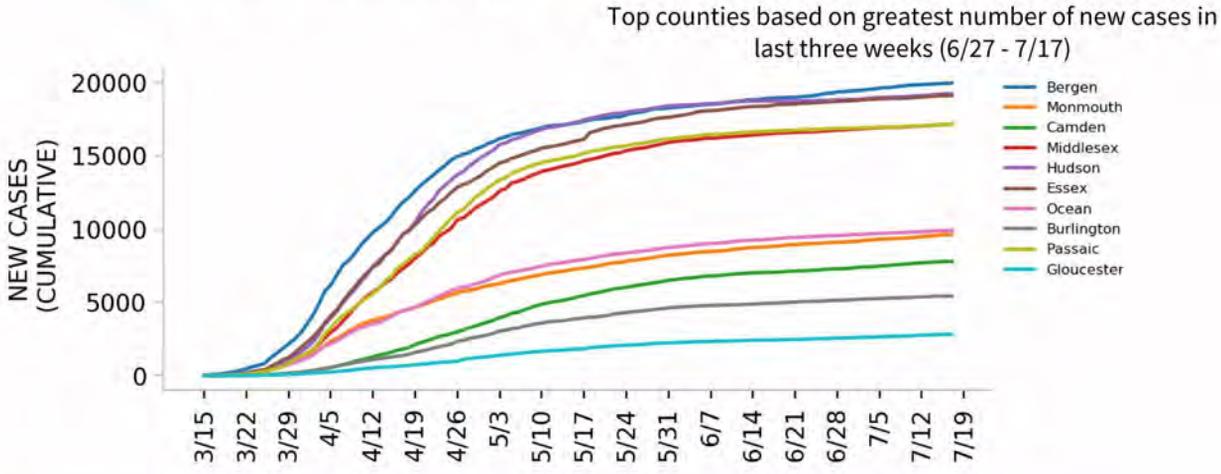
NEW CASES



TESTING



TOP COUNTIES



DATA SOURCES

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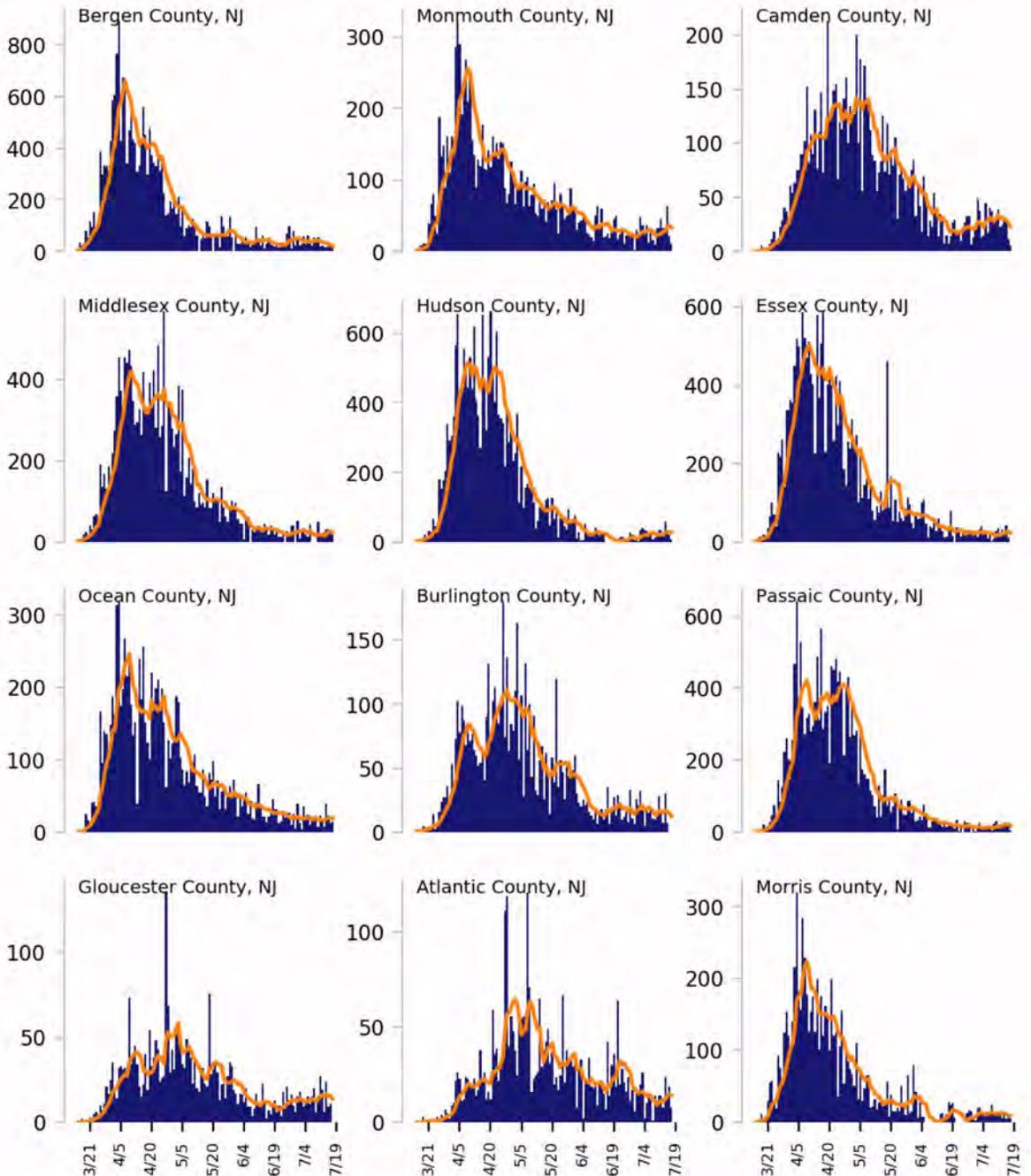
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Top 12 counties based on number of new cases in the last 3 weeks

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

TOTAL DAILY CASES



DATA SOURCES

Cases: County-level data from USAFacts through 7/17/2020. Last 3 weeks is 6/27 - 7/17.

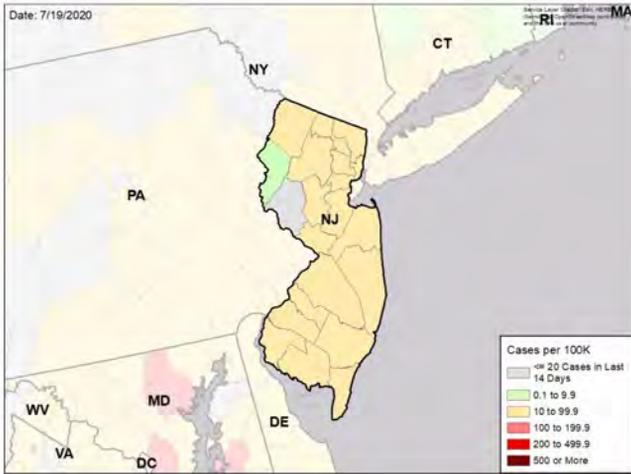


NEW JERSEY

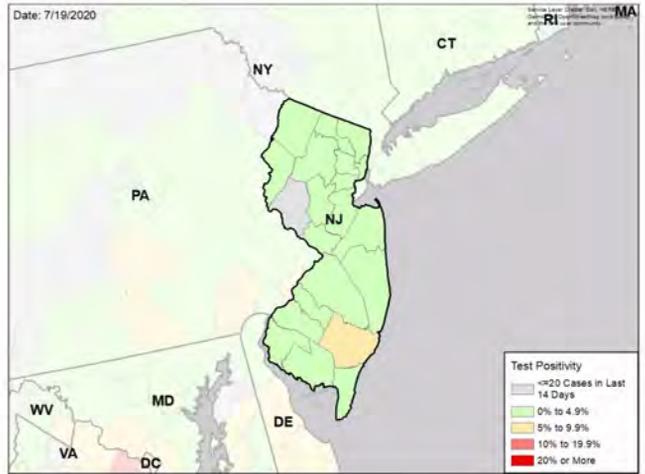
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CASE RATES AND DIAGNOSTIC TEST POSITIVITY DURING THE LAST WEEK

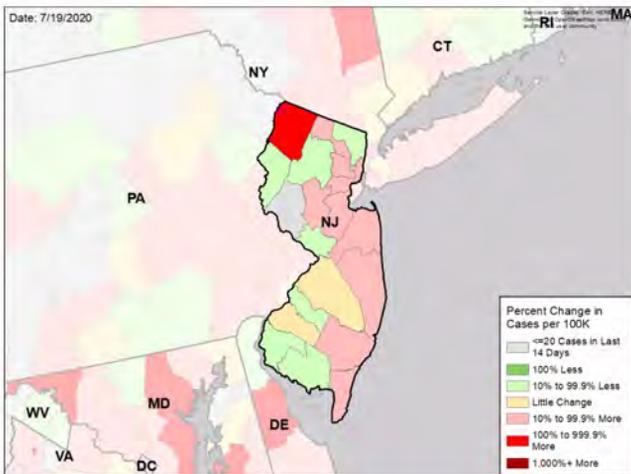
NEW CASES PER 100,000 DURING LAST WEEK



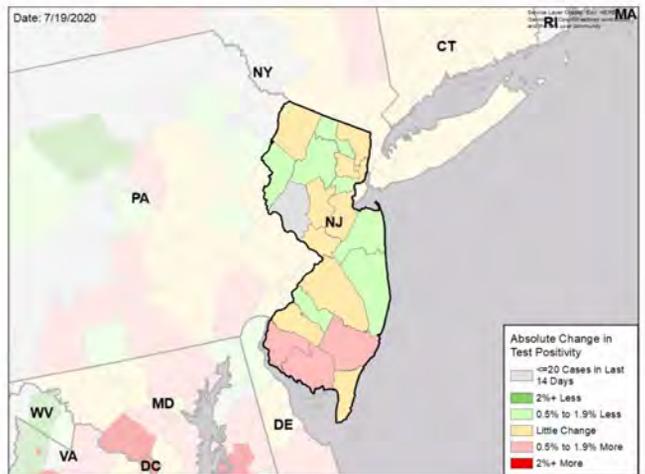
TEST POSITIVITY DURING LAST WEEK



WEEKLY % CHANGE IN NEW CASES PER 100K



WEEKLY CHANGE IN TEST POSITIVITY



DATA SOURCES

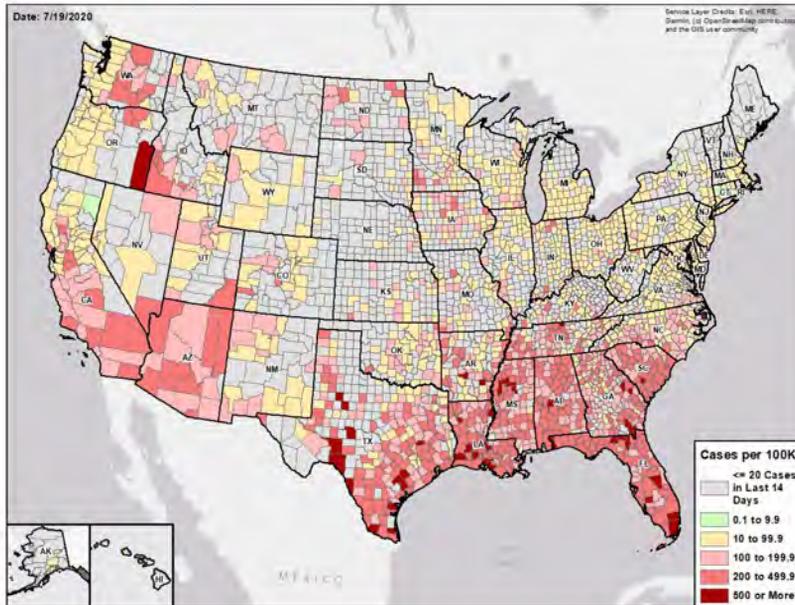
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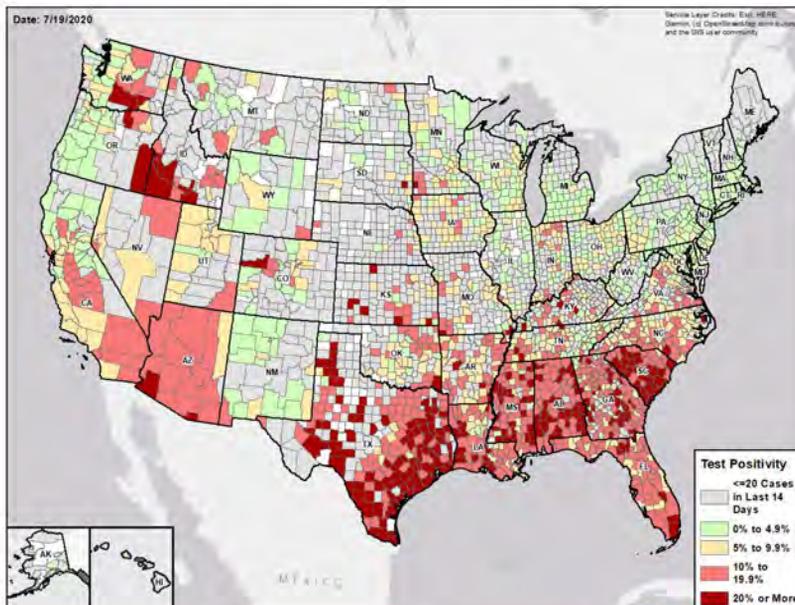


National Picture

NEW CASES PER 100,000 LAST WEEK



TEST POSITIVITY LAST WEEK



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Methods

STATE REPORT | 07.19.2020

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)

Metric	Green	Yellow	Red
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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	<0.5	0.5-2	>2
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Skilled Nursing Facilities with at least one COVID-19 case	0%	0.1%-5%	>5%
Change in SNFs with at least one COVID-19 case	<-0.5%	-0.5%-0.5%	>0.5%

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NEW MEXICO

STATE REPORT | 07.19.2020

SUMMARY

- New Mexico is in the yellow zone for cases, indicating between 10 to 100 new cases per 100,000 population last week, and the green zone for test positivity, indicating a rate below 5%.
- New Mexico has seen stability in new cases and stability in testing positivity over the past week.
- The following three counties had the highest number of new cases over the past 3 weeks: 1. Bernalillo County, 2. Doña Ana County, and 3. San Juan County. These counties represent 57.9 percent of new cases in New Mexico.
- Maintaining mitigation efforts is essential to further drive down cases to under 10 new cases per 100,000 population.
- New Mexico had 91 new cases per 100,000 population in the past week, compared to a national average of 140 per 100,000.
- The federal government has deployed the following staff as assets to support the state response: 1 from DOI; 9 to support operations activities from FEMA; and 5 from CDC.
- During Jul 15 - Jul 17, on average, 22 patients with confirmed COVID-19 and 21 patients with suspected COVID-19 were reported as newly admitted each day to hospitals in New Mexico. An average of 47 percent of hospitals reported 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

- Mandate masks in all counties with any rising cases.
- Expand testing through community centers and community outreach teams to ensure asymptomatic cases are found and isolated.
- New Mexico is an excellent state for pooled testing in the large commercial laboratories to further expand community testing.
- Limit social gatherings to under 10 people in counties with rising cases and test percent positivity.
- Keep gyms closed in areas with rising cases and percent positive tests.
- Encourage outdoor dining and ensure bars remain closed unless outdoors.
- Bring pooled testing online to provide rapid test expansion into institutions and specific situations, including in preparation for school and university opening.
- Tribal Nations: Encourage continued enforcement of social distancing and masking measures in areas of increased transmission. Continue enhanced testing activities. Continue to enhance contact tracing and ensure that cases and contacts can quarantine or isolate safely. Monitor testing data to identify additional sites of increased transmission and ensure focused public health resources for these vulnerable communities.
- Protect those in nursing homes and long-term care facilities by assuring access to rapid facility-wide testing in response to a resident or staff member with COVID-19. Address staff and supply shortages. Ensure social distancing and universal facemask use.
- Specific, detailed guidance on community mitigation measures can be found on the [CDC website](#).

The purpose of this report is to develop a shared understanding of the current status of the pandemic at the national, regional, state and local levels. We recognize that data at the state level may differ from that available at the federal level. Our objective is to use consistent data sources and methods that allow for comparisons to be made across localities. We appreciate your continued support in identifying data discrepancies and improving data completeness and sharing across systems. We look forward to your feedback.

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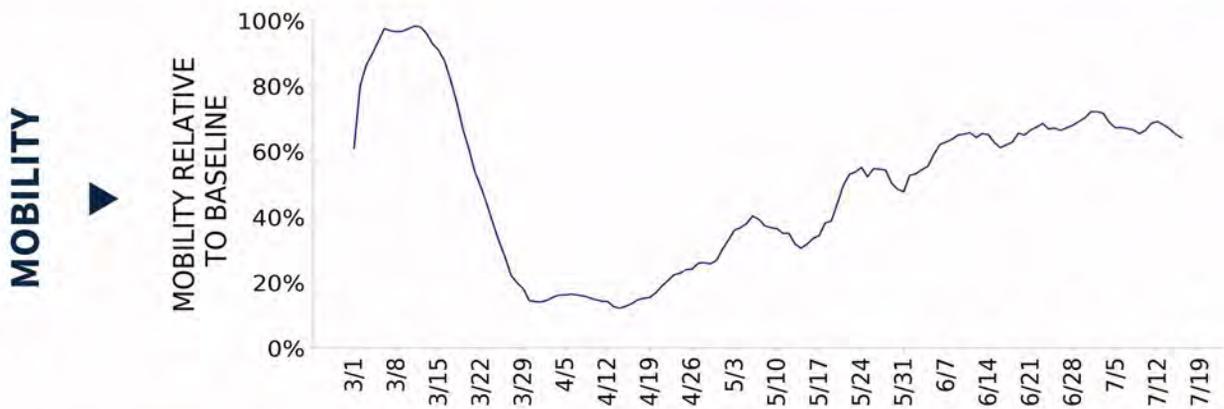
COVID-19



NEW MEXICO

STATE REPORT | 07.19.2020

	STATE, LAST WEEK	STATE, % CHANGE FROM PREVIOUS WEEK	FEMA/HHS REGION, LAST WEEK	UNITED STATES, LAST WEEK
NEW CASES (RATE PER 100,000)	1,910 (91)	+7.7%	98,661 (231)	460,366 (140)
DIAGNOSTIC TEST POSITIVITY RATE	4.3%	+0.0%*	16.1%	9.1%
TOTAL DIAGNOSTIC TESTS (TESTS PER 100,000)	50,845 (2,425)	+10.9%	515,746 (1,207)	4,940,998 (1,505)
COVID DEATHS (RATE PER 100,000)	26 (1)	-7.1%	948 (2)	5,122 (2)
SNFs WITH AT LEAST ONE COVID-19 CASE	4.5%	-0.1%	14.1%	10.0%



* Indicates absolute change in percentage points

DATA SOURCES

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SNFs: Skilled nursing facilities. National Healthcare Safety Network. Last week is 7/6-7/12, previous week is 6/29-7/5.



NEW MEXICO

STATE REPORT | 07.19.2020

LOCALITIES IN RED ZONE

LOCALITIES IN YELLOW ZONE

METRO AREA (CBSA) LAST WEEK

0	N/A
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4	Las Cruces Hobbs Clovis Ruidoso
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COUNTY LAST WEEK

1	Hidalgo
----------	---------

7	Bernalillo Doña Ana Lea Curry Lincoln Quay Mora
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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 a diagnostic test positivity result above 10%.

Yellow Zone: Those core-based statistical areas (CBSAs) and counties that during the last week reported both new cases between 10-100 per 100,000 population, and a diagnostic test positivity result between 5-10%, or one of those two conditions and one condition qualifying as being in the “Red Zone.”

Note: Top 12 locations are selected based on the highest number of new cases in the last three weeks.

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POLICY RECOMMENDATIONS FOR COUNTIES IN THE RED ZONE

Public Messaging

- Wear a mask at all times outside the home and maintain physical distance
- Limit social gatherings to 10 people or fewer
- Do not go to bars, nightclubs, or gyms
- Use take out or eat outdoors socially distanced
- Protect anyone with serious medical conditions at home by social distancing at home and using high levels of personal hygiene, including handwashing and cleaning surfaces
- Reduce your public interactions and activities to 25% of your normal activity

Public Officials

- Close bars and gyms, and create outdoor dining opportunities with pedestrian areas
- Limit social gatherings to 10 people or fewer
- Institute routine weekly testing of all workers in assisted living and long-term care facilities. Require masks for all staff and prohibit visitors
- Ensure that all business retailers and personal services require masks and can safely social distance
- Increase messaging on the risk of serious disease for individuals in all age groups with preexisting obesity, hypertension, and diabetes mellitus, and recommend to shelter in place
- Work with local community groups to provide targeted, tailored messaging to communities with high case rates, and increase community level testing
- Recruit more contact tracers as community outreach workers to ensure all cases are contacted and all positive households are individually tested within 24 hours
- Provide isolation facilities outside of households if COVID-positive individuals can't quarantine successfully

Testing

- Move to community-led neighborhood testing and work with local community groups to increase access to testing
- Surge testing and contact tracing resources to neighborhoods and zip codes with highest case rates
- **Diagnostic pooling:** Laboratories should use pooling of samples to increase testing access and reduce turnaround times to under 12 hours. Consider pools of 2-3 individuals in high incidence settings and 5:1 pools in setting where test positivity is under 10%
- **Surveillance pooling:** For family and cohabitating households, screen entire households in a single test by pooling specimens of all members into single collection device

POLICY RECOMMENDATIONS FOR COUNTIES IN THE YELLOW ZONE IN ORDER TO PREEMPT EXPONENTIAL COMMUNITY SPREAD

Public Messaging

- Wear a mask at all times outside the home and maintain physical distance
- Limit social gatherings to 25 people or fewer
- Do not go to bars or nightclubs
- Use take out, outdoor dining or indoor dining when strict social distancing can be maintained
- Protect anyone with serious medical conditions at home by social distancing at home and using high levels of personal hygiene
- Reduce your public interactions and activities to 50% of your normal activity

Public Officials

- Limit gyms to 25% occupancy and close bars until percent positive rates are under 3%; create outdoor dining opportunities with pedestrian areas
- Limit social gatherings to 25 people or fewer
- Institute routine weekly testing of all workers in assisted living and long-term care facilities. Require masks for all staff and prohibit visitors
- Ensure that all business retailers and personal services require masks and can safely social distance
- Increase messaging on the risk of serious disease for individuals in all age groups with preexisting obesity, hypertension, and diabetes mellitus, and recommend to shelter in place
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Testing

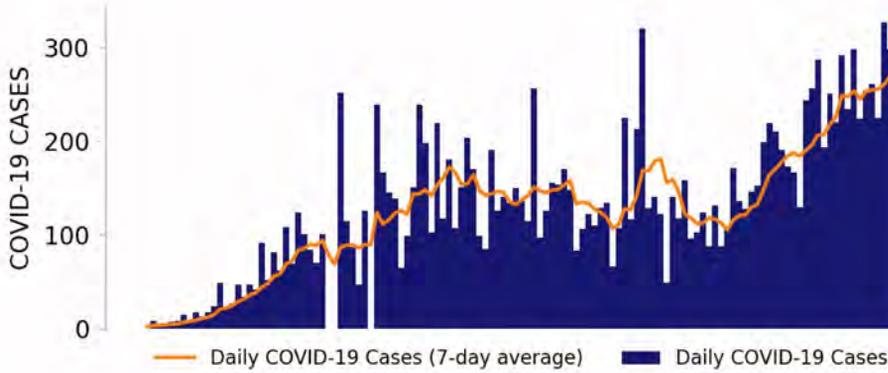
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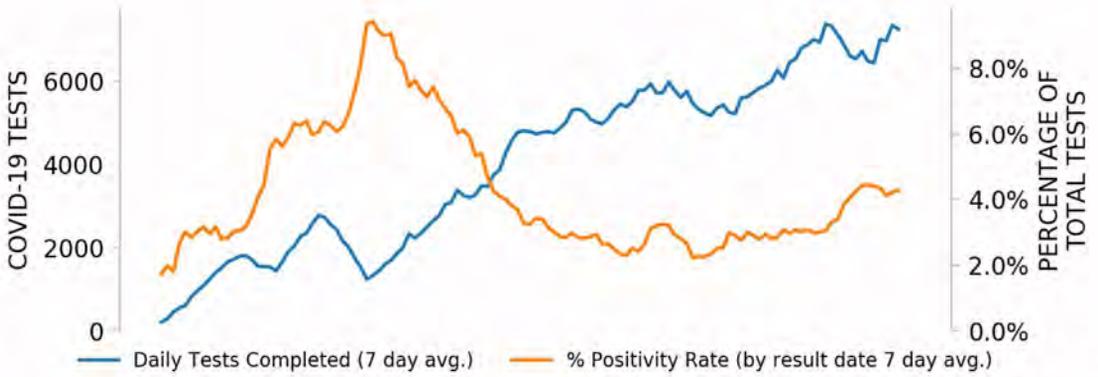
NEW MEXICO

STATE REPORT | 07.19.2020

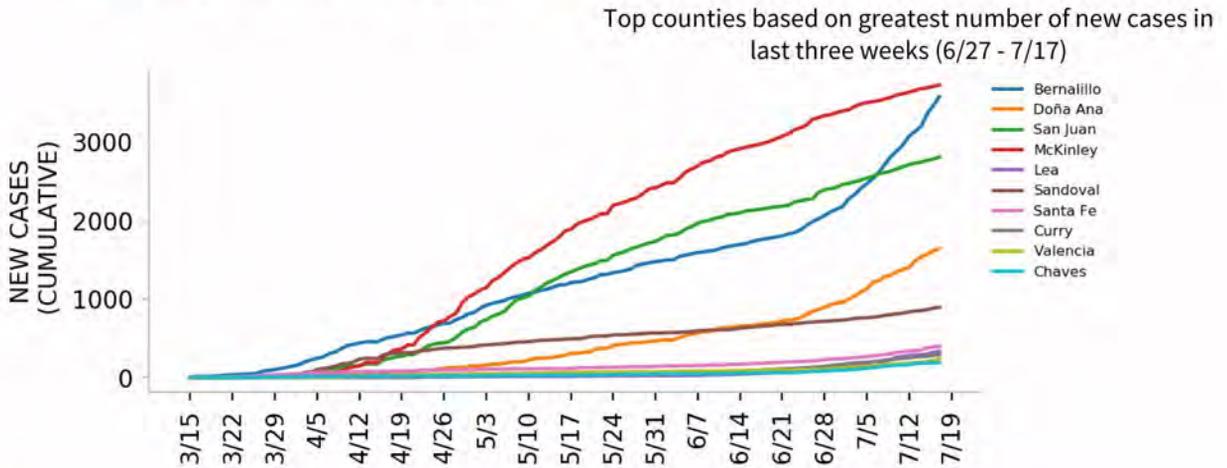
NEW CASES



TESTING



TOP COUNTIES



DATA SOURCES

Cases: County-level data from USAFacts. 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 7/17/2020.

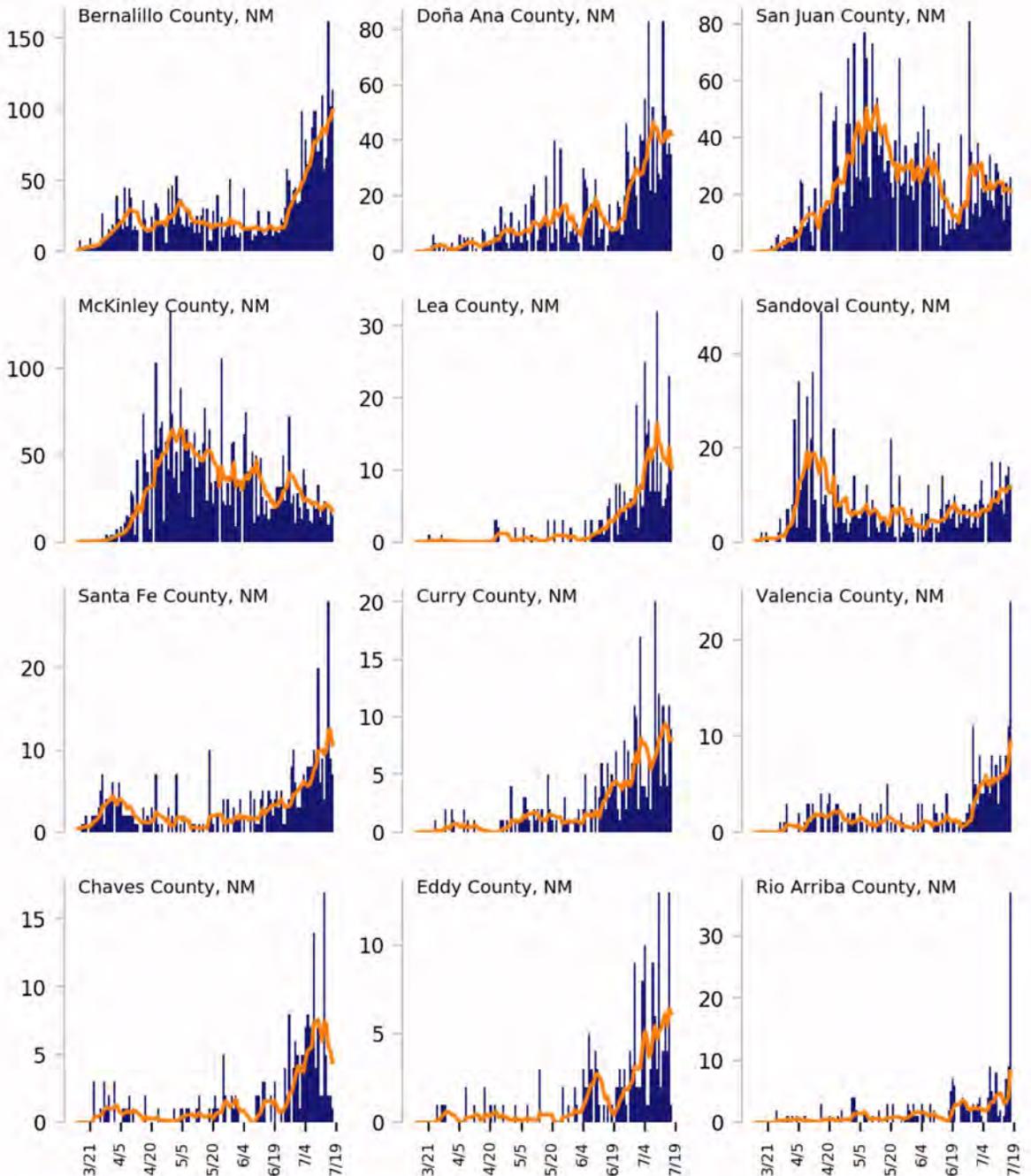
Testing: CELR (COVID-19 Electronic Lab Reporting) state health department-reported data through 7/15/2020.



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



DATA SOURCES

Cases: County-level data from USAFacts through 7/17/2020. Last 3 weeks is 6/27 - 7/17.

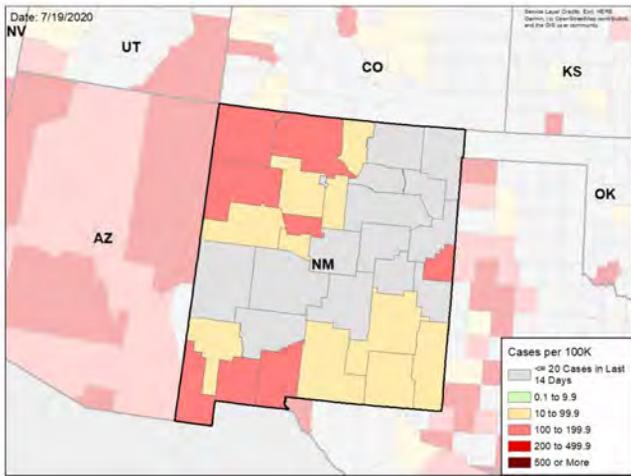


NEW MEXICO

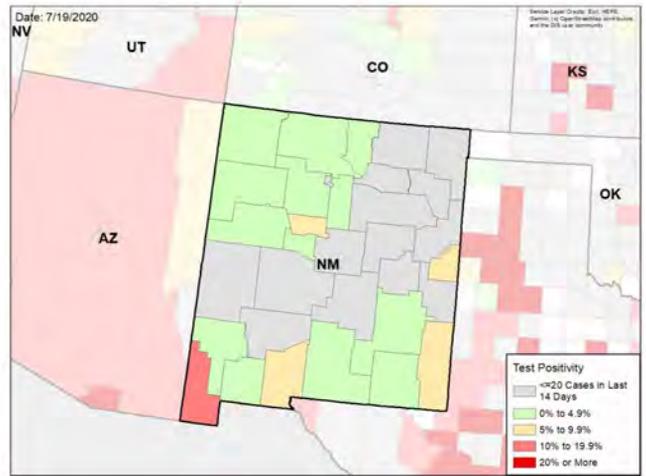
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CASE RATES AND DIAGNOSTIC TEST POSITIVITY DURING THE LAST WEEK

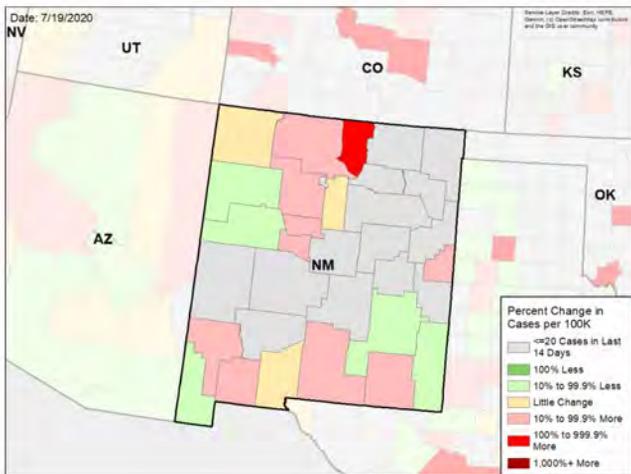
NEW CASES PER 100,000 DURING LAST WEEK



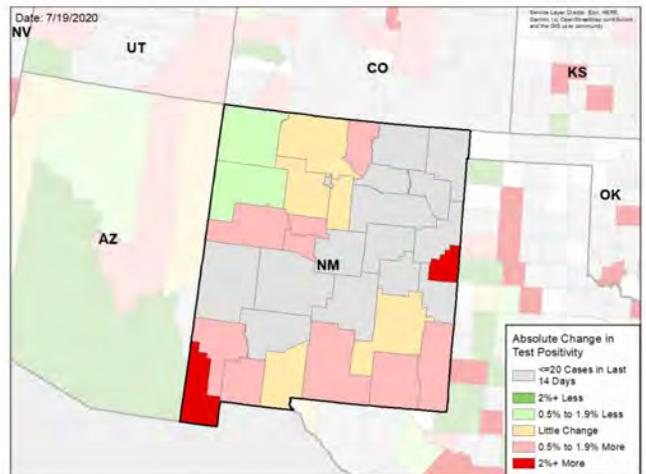
TEST POSITIVITY DURING LAST WEEK



WEEKLY % CHANGE IN NEW CASES PER 100K



WEEKLY CHANGE IN TEST POSITIVITY



DATA SOURCES

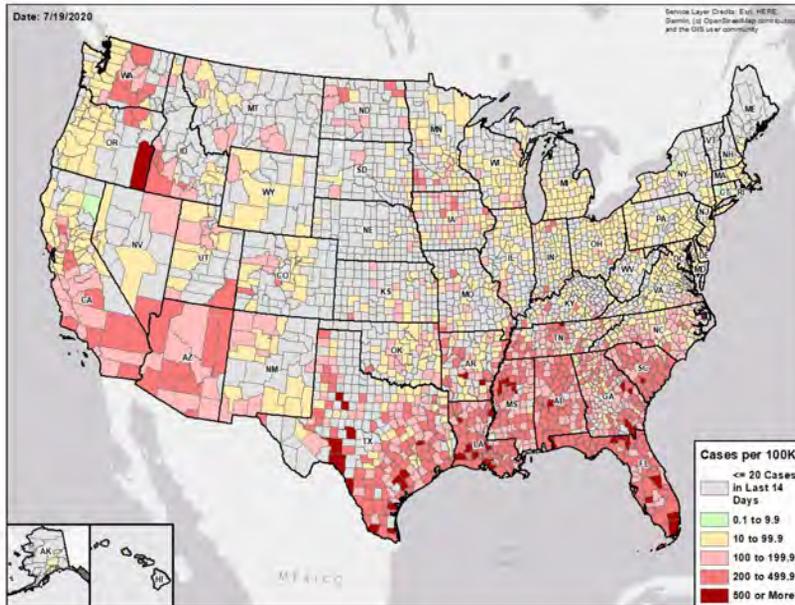
Cases: County-level data from USAFacts through 7/17/2020. Last week is 7/11 - 7/17, previous week is 7/4 - 7/10

Testing: CELR (COVID-19 Electronic Lab Reporting) state health department-reported data through 7/15/2020. Last week is 7/9 - 7/15, previous week is 7/2 - 7/8. Testing data may be backfilled over time, resulting in changes week-to-week in testing data. It is critical that states provide as up-to-date testing data as possible.

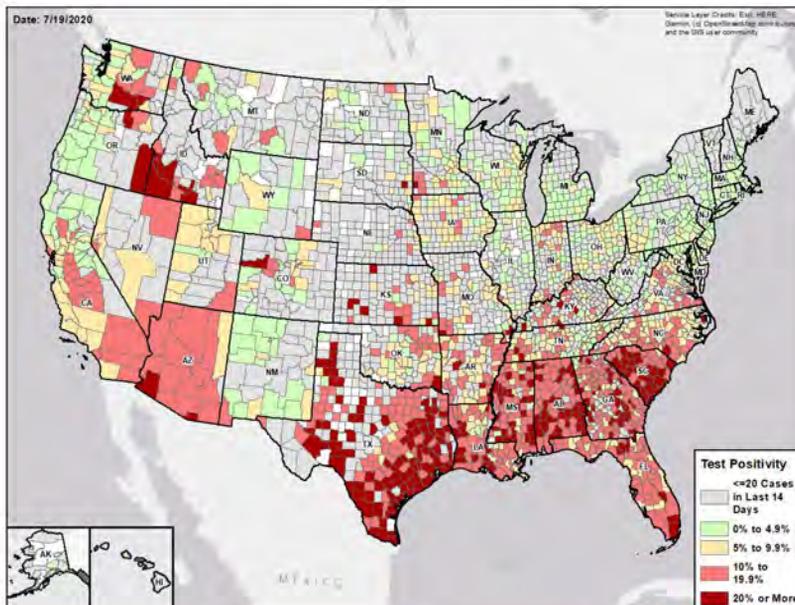


National Picture

NEW CASES PER 100,000 LAST WEEK



TEST POSITIVITY LAST WEEK



DATA SOURCES

Cases: County-level data from USAFacts through 7/17/2020. Last week is 7/11 - 7/17

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 7/15/2020. Last week is 7/9 - 7/15. Testing data may be backfilled over time, resulting in changes week-to-week in testing data. It is critical that states provide as up-to-date testing data as possible.



Methods

STATE REPORT | 07.19.2020

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)

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	<0.5	0.5-2	>2
Percent change in deaths per 100,000 population	<-10%	-10% - 10%	>10%
Skilled Nursing Facilities with at least one COVID-19 case	0%	0.1%-5%	>5%
Change in SNFs with at least one COVID-19 case	<-0.5%	-0.5%-0.5%	>0.5%

DATA NOTES

- Cases and deaths:** County-level data from USAFacts as of 13:00 EDT on 07/18/2020. 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 7/11 to 7/17; previous week data are from 7/4 to 7/10.
- Testing:** CELR (COVID-19 Electronic Lab Reporting) state health department-reported data are used to describe state-level totals when able to be disaggregated from serology test results and to describe county-level 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. Total diagnostic tests are the number of tests performed, not the number of individuals tested. Diagnostic test positivity rate is the number of positive tests divided by the number of tests performed and resulted. Last week data are from 7/9 to 7/15; previous week data are from 7/2 to 7/8. HHS Protect data is recent as of 16:30 EDT on 07/19/2020. Testing data are inclusive of everything received and processed by the CELR system as of 14:00 EDT on 07/19/2020. Testing data may be backfilled over time, resulting in changes week-to-week in testing data. It is critical that states provide as up-to-date testing data as possible.
- 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; 100% represents the baseline mobility level. Data is recent as of 13:00 EDT on 07/18/2020 and through 7/16/2020.
- 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.
- Skilled Nursing Facilities:** National Healthcare Safety Network (NHSN). 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 analysis. Also note that data presented by NHSN is more recent than the data publicly posted by CMS. Therefore, data presented may differ slightly from those publicly posted by CMS.



NEW YORK

STATE REPORT | 07.19.2020

SUMMARY

- New York is in the yellow zone for cases, indicating between 10 to 100 new cases per 100,000 population last week, and the green zone for test positivity, indicating a rate below 5%.
- New York has seen an increase in new cases and stability in testing positivity over the past week.
- The following three counties had the highest number of new cases over the past 3 weeks: 1. Kings County, 2. Queens County, and 3. New York County. These counties represent 34.9 percent of new cases in New York.
- New York had 27 new cases per 100,000 population in the past week, compared to a national average of 140 per 100,000.
- The federal government has deployed the following staff as assets to support the state response: 1 from DOT; 73 to support operations activities from FEMA; 3 to support operations activities from ASPR; 2 from CDC; 18 to support operations activities from USCG; and 9 to support medical activities from VA.
- During Jul 15 - Jul 17, on average, 78 patients with confirmed COVID-19 and 196 patients with suspected COVID-19 were reported as newly admitted each day to hospitals in New York. An average of 72 percent of hospitals reported 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

- Continue to recommend use of face masks and maintaining 6 ft distancing for people outside of their homes.
- Continue regular testing of all staff at nursing homes and long-term care facilities and enforce use of face masks for all staff.
- Emphasize social distancing and use of face masks in all retail businesses and restaurants, with emphasis on outdoor dining over indoor.
- As public transportation expands and ridership increases, continue to educate and enforce social distancing and use of face masks.
- Consider pooled testing as described below to increase access and reduce turnaround times, with particular focus on groups at highest risk (e.g., consider pooled workplace testing for essential workers and pooled community testing for families and among demographic groups with demonstrated elevated risk).
- Increase messaging of the risk of serious disease for older individuals and for individuals all age groups with preexisting medical conditions, including obesity, hypertension, and diabetes mellitus.
- Continue to track cases, test percent positivity, and hospitalizations; follow tourist trends and surveillance signals for any increase in cases or test positivity during tourist season.
- Specific, detailed guidance on community mitigation measures can be found on the [CDC website](#).

The purpose of this report is to develop a shared understanding of the current status of the pandemic at the national, regional, state and local levels. We recognize that data at the state level may differ from that available at the federal level. Our objective is to use consistent data sources and methods that allow for comparisons to be made across localities. We appreciate your continued support in identifying data discrepancies and improving data completeness and sharing across systems. We look forward to your feedback.

** This figure may differ from state data due to differences in hospital lists between federal and state systems or inclusion of hospitals that are not admitting COVID-19 patients. We are working to incorporate feedback on an ongoing basis to update these figures. These data exclude psychiatric, rehabilitation, and religious non-medical hospitals.*



COVID-19

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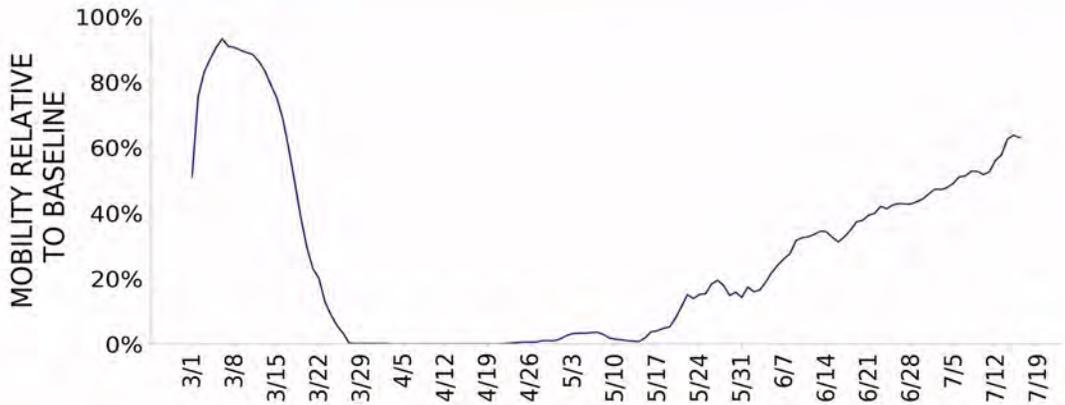


NEW YORK

STATE REPORT | 07.19.2020

	STATE, LAST WEEK	STATE, % CHANGE FROM PREVIOUS WEEK	FEMA/HHS REGION, LAST WEEK	UNITED STATES, LAST WEEK
NEW CASES (RATE PER 100,000)	5,252 (27)	+18.6%	7,224 (25)	460,366 (140)
DIAGNOSTIC TEST POSITIVITY RATE	1.5%	+0.1%*	1.6%	9.1%
TOTAL DIAGNOSTIC TESTS (TESTS PER 100,000)	453,545 (2,331)	+44.2%	565,171 (1,995)	4,940,998 (1,505)
COVID DEATHS (RATE PER 100,000)	144 (1)	-14.3%	350 (1)	5,122 (2)
SNFs WITH AT LEAST ONE COVID-19 CASE	9.9%	+0.7%	11.1%	10.0%

MOBILITY



* Indicates absolute change in percentage points

DATA SOURCES

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 7/17/2020; last week is 7/11 - 7/17, previous week is 7/4 - 7/10.

Testing: State-level values calculated by using 7-day rolling averages of reported tests. Regional- and national-level values calculated by using a 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 7/15/2020. Last week is 7/9 - 7/15, previous week is 7/2 - 7/8. Testing data are inclusive of everything received and processed by the CELR system as of 14:00 EDT on 07/19/2020. Some dates may be incomplete due to delays in reporting. Testing data may be backfilled over time, resulting in changes week-to-week in testing data. It is critical that states provide as up-to-date testing data as possible.

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; 100% represents the baseline mobility level. Data is anonymized and provided at the county level. Data through 7/16/2020.

SNFs: Skilled nursing facilities. National Healthcare Safety Network. Last week is 7/6-7/12, previous week is 6/29-7/5.



NEW YORK

STATE REPORT | 07.19.2020

LOCALITIES IN RED ZONE

LOCALITIES IN YELLOW ZONE

METRO AREA (CBSA) LAST WEEK

0	N/A
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0	N/A
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COUNTY LAST WEEK

0	N/A
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0	N/A
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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 a diagnostic test positivity result above 10%.

Yellow Zone: Those core-based statistical areas (CBSAs) and counties that during the last week reported both new cases between 10-100 per 100,000 population, and a diagnostic test positivity result between 5-10%, or one of those two conditions and one condition qualifying as being in the “Red Zone.”

Note: Top 12 locations are selected based on the highest number of new cases in the last three weeks.

DATA SOURCES

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 7/17/2020; last week is 7/11 - 7/17, three weeks is 6/27 - 7/17.

Testing: CELR (COVID-19 Electronic Lab Reporting) state health department-reported data through 7/15/2020. Last week is 7/9 - 7/15. Testing data may be backfilled over time, resulting in changes week-to-week in testing data. It is critical that states provide as up-to-date testing data as possible.

POLICY RECOMMENDATIONS FOR COUNTIES IN THE RED ZONE

Public Messaging

- Wear a mask at all times outside the home and maintain physical distance
- Limit social gatherings to 10 people or fewer
- Do not go to bars, nightclubs, or gyms
- Use take out or eat outdoors socially distanced
- Protect anyone with serious medical conditions at home by social distancing at home and using high levels of personal hygiene, including handwashing and cleaning surfaces
- Reduce your public interactions and activities to 25% of your normal activity

Public Officials

- Close bars and gyms, and create outdoor dining opportunities with pedestrian areas
- Limit social gatherings to 10 people or fewer
- Institute routine weekly testing of all workers in assisted living and long-term care facilities. Require masks for all staff and prohibit visitors
- Ensure that all business retailers and personal services require masks and can safely social distance
- Increase messaging on the risk of serious disease for individuals in all age groups with preexisting obesity, hypertension, and diabetes mellitus, and recommend to shelter in place
- Work with local community groups to provide targeted, tailored messaging to communities with high case rates, and increase community level testing
- Recruit more contact tracers as community outreach workers to ensure all cases are contacted and all positive households are individually tested within 24 hours
- Provide isolation facilities outside of households if COVID-positive individuals can't quarantine successfully

Testing

- Move to community-led neighborhood testing and work with local community groups to increase access to testing
- Surge testing and contact tracing resources to neighborhoods and zip codes with highest case rates
- **Diagnostic pooling:** Laboratories should use pooling of samples to increase testing access and reduce turnaround times to under 12 hours. Consider pools of 2-3 individuals in high incidence settings and 5:1 pools in setting where test positivity is under 10%
- **Surveillance pooling:** For family and cohabitating households, screen entire households in a single test by pooling specimens of all members into single collection device

POLICY RECOMMENDATIONS FOR COUNTIES IN THE YELLOW ZONE IN ORDER TO PREEMPT EXPONENTIAL COMMUNITY SPREAD

Public Messaging

- Wear a mask at all times outside the home and maintain physical distance
- Limit social gatherings to 25 people or fewer
- Do not go to bars or nightclubs
- Use take out, outdoor dining or indoor dining when strict social distancing can be maintained
- Protect anyone with serious medical conditions at home by social distancing at home and using high levels of personal hygiene
- Reduce your public interactions and activities to 50% of your normal activity

Public Officials

- Limit gyms to 25% occupancy and close bars until percent positive rates are under 3%; create outdoor dining opportunities with pedestrian areas
- Limit social gatherings to 25 people or fewer
- Institute routine weekly testing of all workers in assisted living and long-term care facilities. Require masks for all staff and prohibit visitors
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Testing

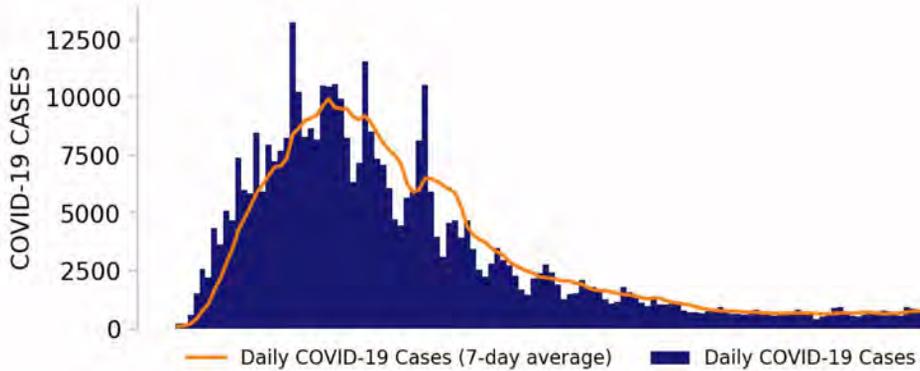
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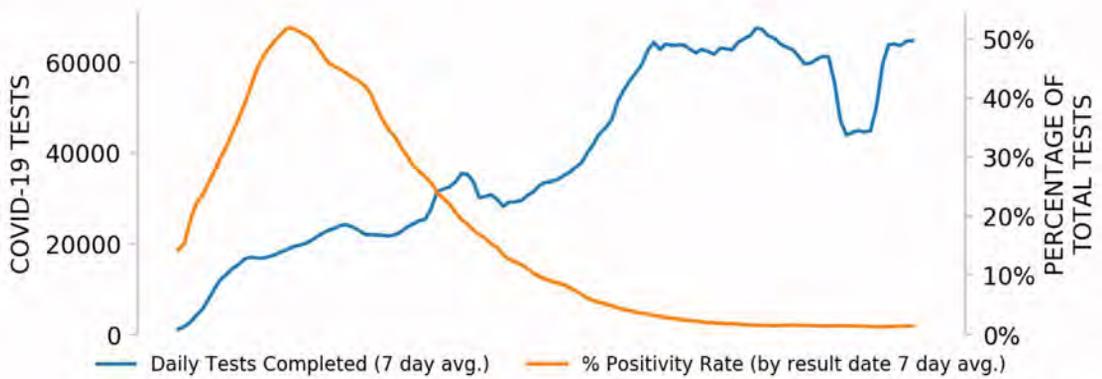
NEW YORK

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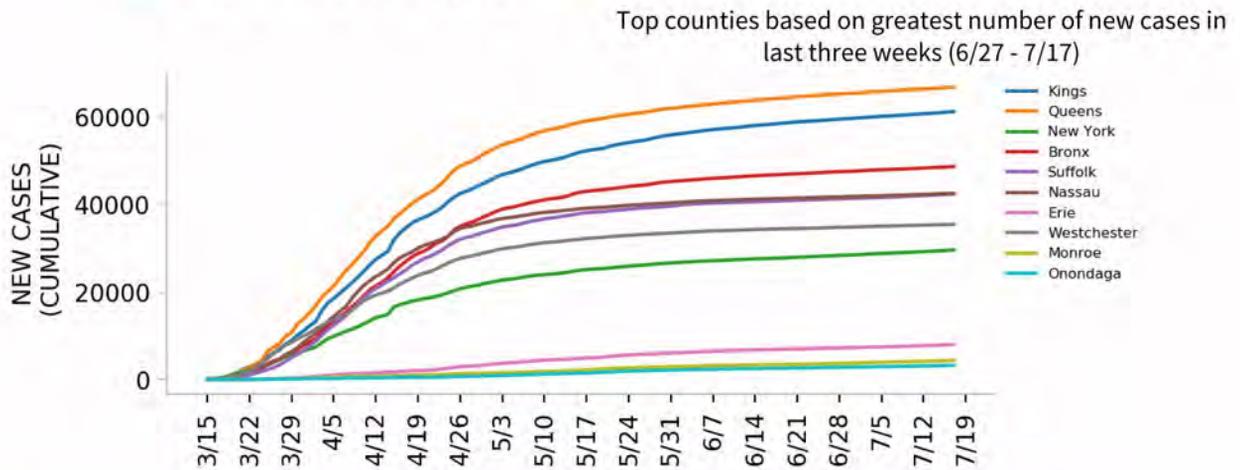
NEW CASES



TESTING



TOP COUNTIES



DATA SOURCES

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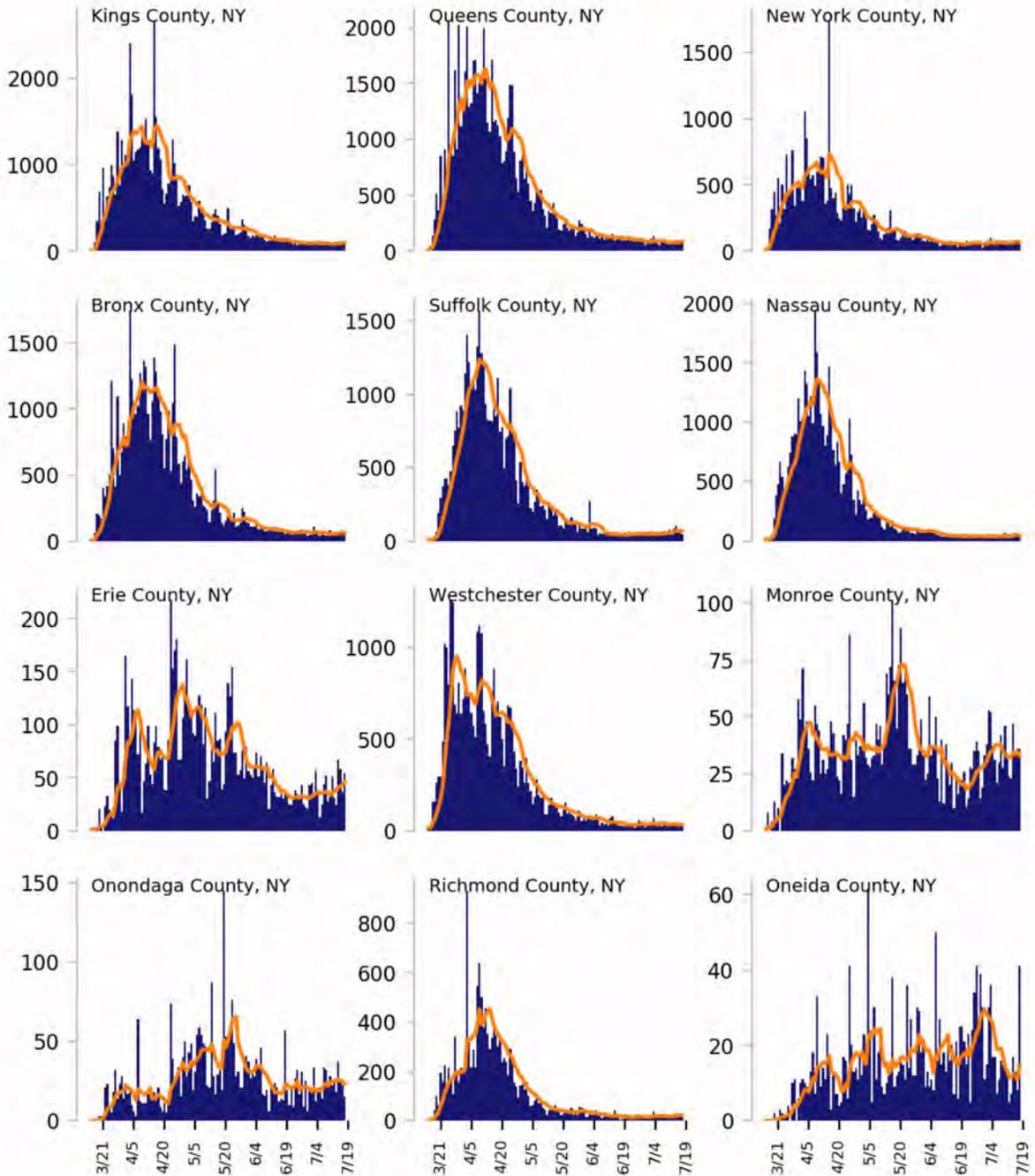
Testing: CELR (COVID-19 Electronic Lab Reporting) state health department-reported data through 7/15/2020.



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



DATA SOURCES

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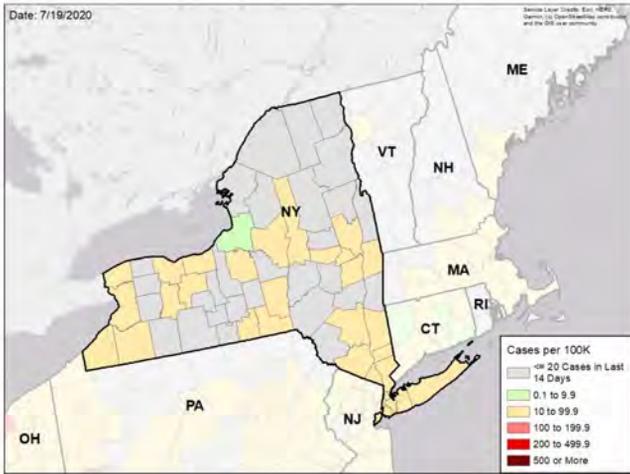


NEW YORK

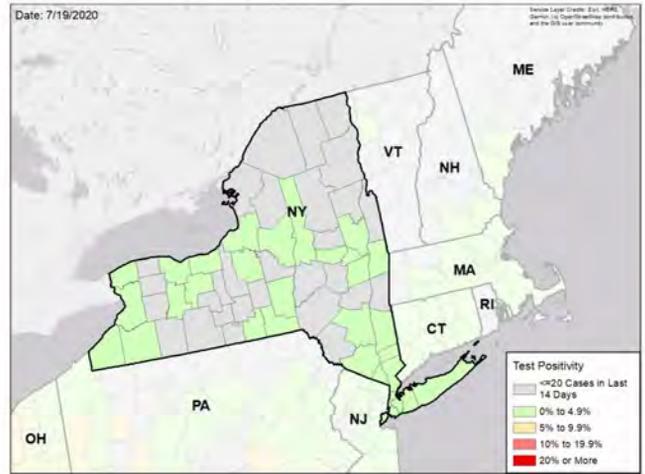
STATE REPORT | 07.19.2020

CASE RATES AND DIAGNOSTIC TEST POSITIVITY DURING THE LAST WEEK

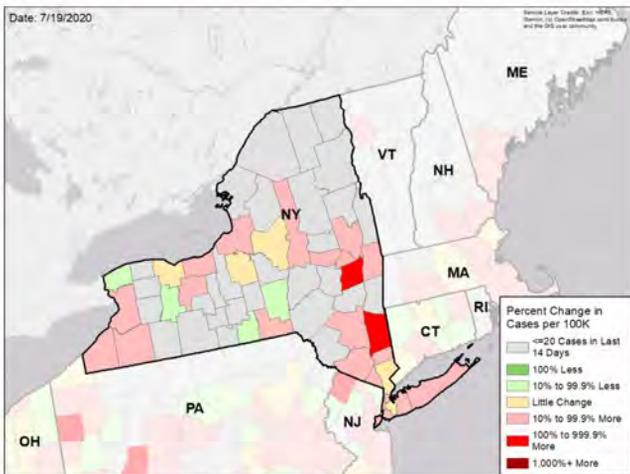
NEW CASES PER 100,000 DURING LAST WEEK



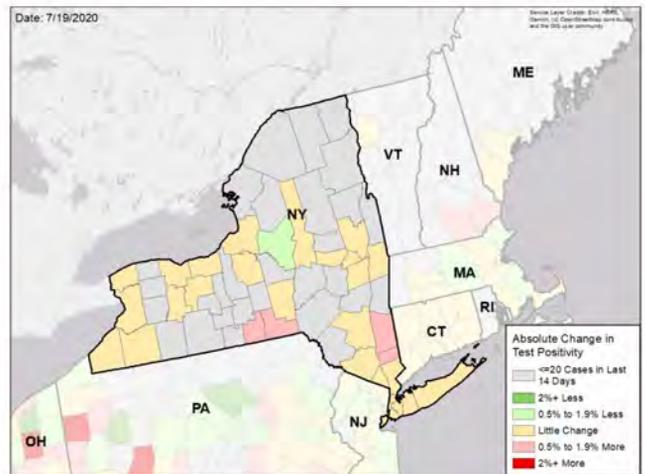
TEST POSITIVITY DURING LAST WEEK



WEEKLY % CHANGE IN NEW CASES PER 100K



WEEKLY CHANGE IN TEST POSITIVITY



DATA SOURCES

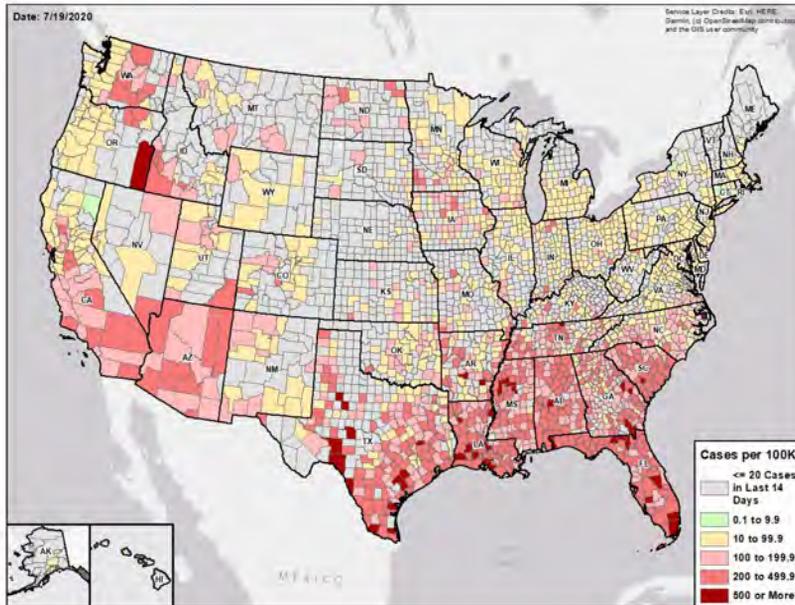
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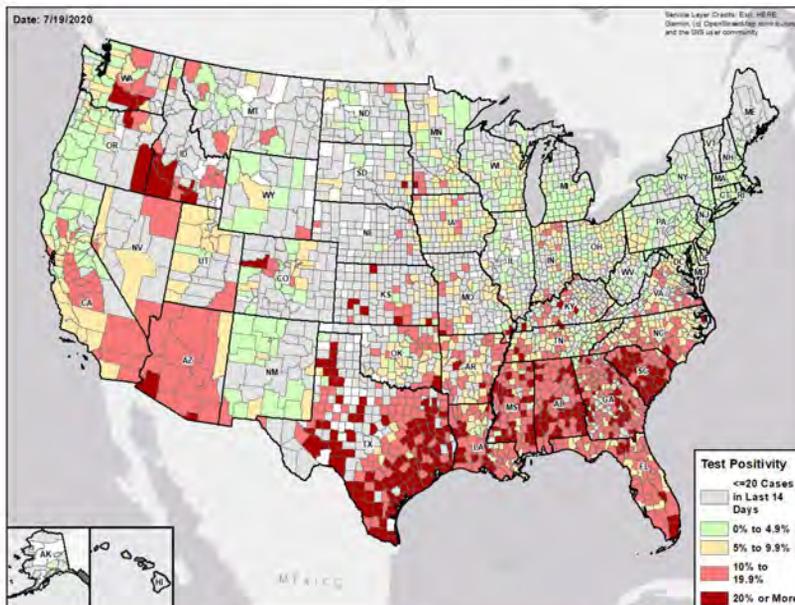


National Picture

NEW CASES PER 100,000 LAST WEEK



TEST POSITIVITY LAST WEEK



DATA SOURCES

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Methods

STATE REPORT | 07.19.2020

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Metric	Green	Yellow	Red
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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	<0.5	0.5-2	>2
Percent change in deaths per 100,000 population	<-10%	-10% - 10%	>10%
Skilled Nursing Facilities with at least one COVID-19 case	0%	0.1%-5%	>5%
Change in SNFs with at least one COVID-19 case	<-0.5%	-0.5%-0.5%	>0.5%

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- 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; 100% represents the baseline mobility level. Data is recent as of 13:00 EDT on 07/18/2020 and through 7/16/2020.
- 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.
- Skilled Nursing Facilities:** National Healthcare Safety Network (NHSN). 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 analysis. Also note that data presented by NHSN is more recent than the data publicly posted by CMS. Therefore, data presented may differ slightly from those publicly posted by CMS.



NORTH CAROLINA

STATE REPORT | 07.19.2020

SUMMARY

- North Carolina is in the red zone for cases, indicating more than 100 new cases per 100,000 population last week, and the red zone for test positivity, indicating a rate between 5% to 10%.
- North Carolina has seen an increase in new cases and stability in testing positivity over the past week.
- The following three counties had the highest number of new cases over the past 3 weeks: 1. Mecklenburg County, 2. Wake County, and 3. Durham County. These counties represent 32.8 percent of new cases in North Carolina.
- North Carolina is experiencing broad community spread across the state, with multiple counties having greater than 5% or 10% test positivity.
- North Carolina had 135 new cases per 100,000 population in the past week, compared to a national average of 140 per 100,000.
- The federal government has deployed the following staff as assets to support the state response: 3 to support operations activities from FEMA; 11 to support epidemiology activities from ASPR; 6 from CDC; 7 to support operations activities from USCG; and 5 to support medical activities from VA.
- During Jul 15 - Jul 17, on average, 107 patients with confirmed COVID-19 and 246 patients with suspected COVID-19 were reported as newly admitted each day to hospitals in North Carolina. An average of 72 percent of hospitals reported 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

- Continue weekly testing of all workers in assisted living and long-term care facilities and require masks and social distancing for all visitors.
- Continue mandating use of masks in all current and evolving hot spots.
- Close establishments where social distancing and mask use cannot occur such as bars.
- Move to outdoor dining and limit indoor dining to less than 25% of normal capacity.
- Ask citizens to limit social gatherings to 10 or fewer people.
- Encourage individuals that have participated in any large social gatherings to get tested
- Increase messaging regarding the risk of serious disease in all age groups with preexisting obesity, hypertension and diabetes mellitus.
- Continue the scale-up of testing, moving to community-led neighborhood testing.
- Work with local communities to implement and provide clear guidance for households that test positive, including on individual isolation procedures.
- Continue to enhance contact tracing and ensure the ability of cases and contacts to quarantine or isolate safely.
- Monitor testing data to identify additional sites of increased transmission and focus public health resources on them.
- Ensure Public Health lab is fully staffed and running 24/7 utilizing all platforms.
- Specific, detailed guidance on community mitigation measures can be found on the [CDC web-site](#).

The purpose of this report is to develop a shared understanding of the current status of the pandemic at the national, regional, state and local levels. We recognize that data at the state level may differ from that available at the federal level. Our objective is to use consistent data sources and methods that allow for comparisons to be made across localities. We appreciate your continued support in identifying data discrepancies and improving data completeness and sharing across systems. We look forward to your feedback.

* This figure may differ from state data due to differences in hospital lists between federal and state systems or inclusion of hospitals that are not admitting COVID-19 patients. We are working to incorporate feedback on an ongoing basis to update these figures. These data exclude psychiatric, rehabilitation, and religious non-medical hospitals.



COVID-19

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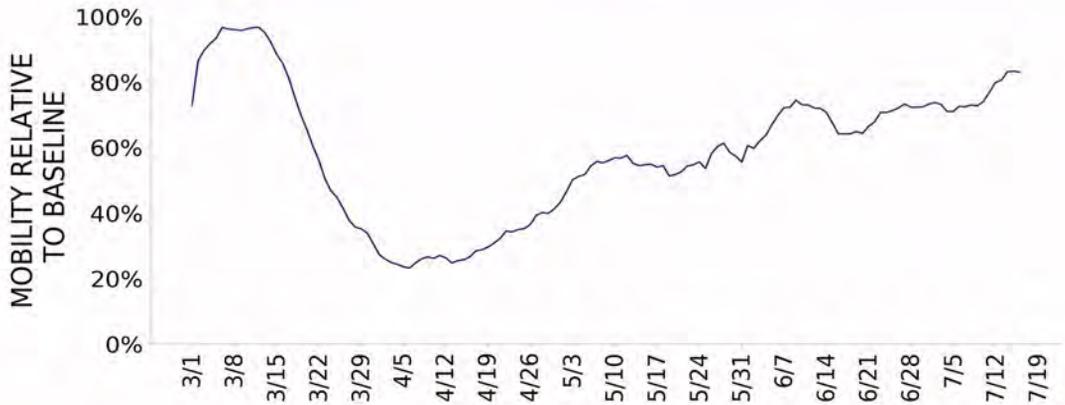


NORTH CAROLINA

STATE REPORT | 07.19.2020

	STATE, LAST WEEK	STATE, % CHANGE FROM PREVIOUS WEEK	FEMA/HHS REGION, LAST WEEK	UNITED STATES, LAST WEEK
NEW CASES (RATE PER 100,000)	14,152 (135)	+27.4%	169,342 (253)	460,366 (140)
DIAGNOSTIC TEST POSITIVITY RATE	10.1%	-0.1%*	15.5%	9.1%
TOTAL DIAGNOSTIC TESTS (TESTS PER 100,000)	154,771 (1,476)	+20.1%	990,405 (1,480)	4,940,998 (1,505)
COVID DEATHS (RATE PER 100,000)	130 (1)	+47.7%	1,549 (2)	5,122 (2)
SNFs WITH AT LEAST ONE COVID-19 CASE	7.3%	-0.2%	14.2%	10.0%

MOBILITY



* Indicates absolute change in percentage points

DATA SOURCES

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 7/17/2020; last week is 7/11 - 7/17, previous week is 7/4 - 7/10.

Testing: State-level values calculated by using 7-day rolling averages of reported tests. Regional- and national-level values calculated by using a 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 7/15/2020. Last week is 7/9 - 7/15, previous week is 7/2 - 7/8. Testing data are inclusive of everything received and processed by the CELR system as of 14:00 EDT on 07/19/2020. Some dates may be incomplete due to delays in reporting. Testing data may be backfilled over time, resulting in changes week-to-week in testing data. It is critical that states provide as up-to-date testing data as possible.

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; 100% represents the baseline mobility level. Data is anonymized and provided at the county level. Data through 7/16/2020.

SNFs: Skilled nursing facilities. National Healthcare Safety Network. Last week is 7/6-7/12, previous week is 6/29-7/5.



NORTH CAROLINA

STATE REPORT | 07.19.2020

LOCALITIES IN RED ZONE

LOCALITIES IN YELLOW ZONE

METRO AREA (CBSA) LAST WEEK

10

Charlotte-Concord-Gastonia
Hickory-Lenoir-Morganton
Wilmington
Lumberton
Rocky Mount
Myrtle Beach-Conway-North Myrtle Beach
Wilson
Mount Airy
Cullowhee
Virginia Beach-Norfolk-Newport News

29

Top 12 shown (full list below)

Raleigh-Cary
Durham-Chapel Hill
Greensboro-High Point
Winston-Salem
Fayetteville
Asheville
Burlington
Greenville
Shelby
Goldsboro
Albemarle
Pinehurst-Southern Pines

COUNTY LAST WEEK

31

Top 12 shown (full list below)

Mecklenburg
Durham
Gaston
Union
Johnston
New Hanover
Cabarrus
Catawba
Robeson
Iredell
Randolph
Henderson

57

Top 12 shown (full list below)

Wake
Guilford
Forsyth
Cumberland
Alamance
Rowan
Buncombe
Davidson
Orange
Brunswick
Pitt
Caldwell

All Yellow CBSAs: Raleigh-Cary, Durham-Chapel Hill, Greensboro-High Point, Winston-Salem, Fayetteville, Asheville, Burlington, Greenville, Shelby, Goldsboro, Albemarle, Pinehurst-Southern Pines, Jacksonville, Sanford, Roanoke Rapids, New Bern, Forest City, Marion, Rockingham, Washington, Henderson, Boone, Morehead City, Elizabeth City, Kinston, Kill Devil Hills, North Wilkesboro, Laurinburg, Brevard

All Red Counties: Mecklenburg, Durham, Gaston, Union, Johnston, New Hanover, Cabarrus, Catawba, Robeson, Iredell, Randolph, Henderson, Wilson, Nash, Sampson, Burke, Franklin, Pender, Surry, Columbus, Hoke, Jackson, Montgomery, Bladen, Anson, Alexander, Macon, Cherokee, Tyrrell, Hyde, Washington

All Yellow Counties: Wake, Guilford, Forsyth, Cumberland, Alamance, Rowan, Buncombe, Davidson, Orange, Brunswick, Pitt, Caldwell, Cleveland, Wayne, Duplin, Stanly, Lincoln, Moore, Onslow, Harnett, Granville, Lee, Halifax, Chatham, Rutherford, Craven, McDowell, Richmond, Edgecombe, Beaufort, Vance, Watauga, Carteret, Yadkin, Lenoir, Dare, Wilkes, Pasquotank, Haywood, Stokes, Martin, Scotland, Warren, Transylvania, Avery, Northampton, Bertie, Swain, Chowan, Currituck, Yancey, Pamlico, Camden, Clay, Perquimans, Jones

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 a diagnostic test positivity result above 10%.

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

Note: Top 12 locations are selected based on the highest number of new cases in the last three weeks.

DATA SOURCES

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 7/17/2020; last week is 7/11 - 7/17, three weeks is 6/27 - 7/17.

Testing: CELR (COVID-19 Electronic Lab Reporting) state health department-reported data through 7/15/2020. Last week is 7/9 - 7/15. Testing data may be backfilled over time, resulting in changes week-to-week in testing data. It is critical that states provide as up-to-date testing data as possible.

POLICY RECOMMENDATIONS FOR COUNTIES IN THE RED ZONE

Public Messaging

- Wear a mask at all times outside the home and maintain physical distance
- Limit social gatherings to 10 people or fewer
- Do not go to bars, nightclubs, or gyms
- Use take out or eat outdoors socially distanced
- Protect anyone with serious medical conditions at home by social distancing at home and using high levels of personal hygiene, including handwashing and cleaning surfaces
- Reduce your public interactions and activities to 25% of your normal activity

Public Officials

- Close bars and gyms, and create outdoor dining opportunities with pedestrian areas
- Limit social gatherings to 10 people or fewer
- Institute routine weekly testing of all workers in assisted living and long-term care facilities. Require masks for all staff and prohibit visitors
- Ensure that all business retailers and personal services require masks and can safely social distance
- Increase messaging on the risk of serious disease for individuals in all age groups with preexisting obesity, hypertension, and diabetes mellitus, and recommend to shelter in place
- Work with local community groups to provide targeted, tailored messaging to communities with high case rates, and increase community level testing
- Recruit more contact tracers as community outreach workers to ensure all cases are contacted and all positive households are individually tested within 24 hours
- Provide isolation facilities outside of households if COVID-positive individuals can't quarantine successfully

Testing

- Move to community-led neighborhood testing and work with local community groups to increase access to testing
- Surge testing and contact tracing resources to neighborhoods and zip codes with highest case rates
- **Diagnostic pooling:** Laboratories should use pooling of samples to increase testing access and reduce turnaround times to under 12 hours. Consider pools of 2-3 individuals in high incidence settings and 5:1 pools in setting where test positivity is under 10%
- **Surveillance pooling:** For family and cohabitating households, screen entire households in a single test by pooling specimens of all members into single collection device

POLICY RECOMMENDATIONS FOR COUNTIES IN THE YELLOW ZONE IN ORDER TO PREEMPT EXPONENTIAL COMMUNITY SPREAD

Public Messaging

- Wear a mask at all times outside the home and maintain physical distance
- Limit social gatherings to 25 people or fewer
- Do not go to bars or nightclubs
- Use take out, outdoor dining or indoor dining when strict social distancing can be maintained
- Protect anyone with serious medical conditions at home by social distancing at home and using high levels of personal hygiene
- Reduce your public interactions and activities to 50% of your normal activity

Public Officials

- Limit gyms to 25% occupancy and close bars until percent positive rates are under 3%; create outdoor dining opportunities with pedestrian areas
- Limit social gatherings to 25 people or fewer
- Institute routine weekly testing of all workers in assisted living and long-term care facilities. Require masks for all staff and prohibit visitors
- Ensure that all business retailers and personal services require masks and can safely social distance
- Increase messaging on the risk of serious disease for individuals in all age groups with preexisting obesity, hypertension, and diabetes mellitus, and recommend to shelter in place
- Work with local community groups to provide targeted, tailored messaging to communities with high case rates, and increase community level testing
- Recruit more contact tracers as community outreach workers to ensure all cases are contacted and all positive households are individually tested within 24 hours
- Provide isolation facilities outside of households if COVID-positive individuals can't quarantine successfully

Testing

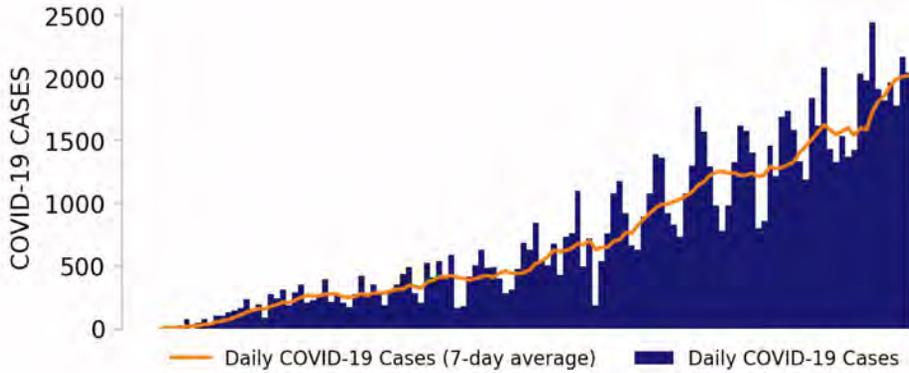
- Move to community-led neighborhood testing and work with local community groups to increase access to testing
- Surge testing and contact tracing resources to neighborhoods and zip codes with highest case rates
- **Diagnostic pooling:** Laboratories should use pooling of samples to increase testing access and reduce turnaround times to under 12 hours. Consider pools of 3-5 individuals
- **Surveillance pooling:** For family and cohabitating households, screen entire households in a single test by pooling specimens of all members into single collection device



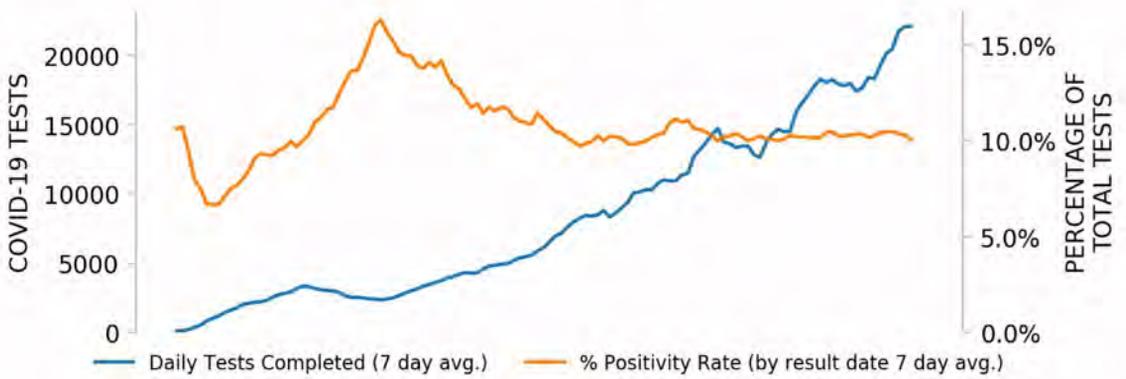
NORTH CAROLINA

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NEW CASES

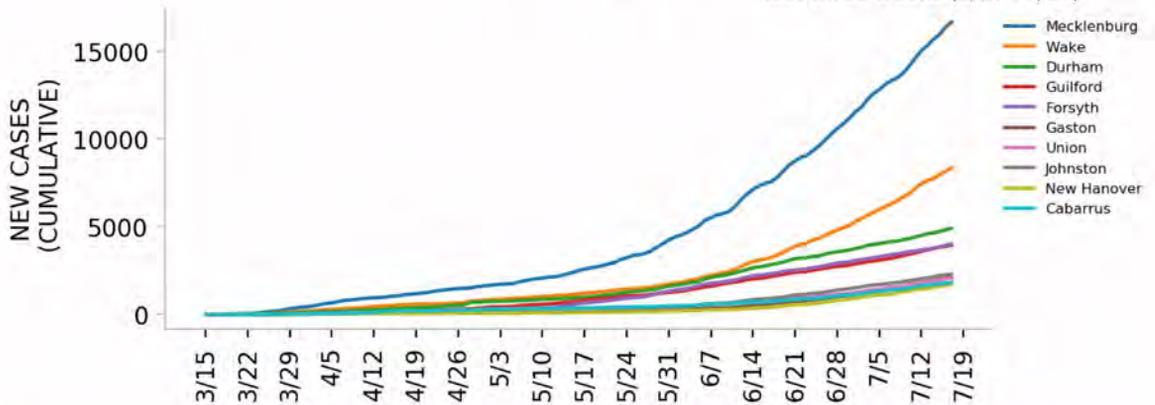


TESTING



Top counties based on greatest number of new cases in last three weeks (6/27 - 7/17)

TOP COUNTIES



DATA SOURCES

Cases: County-level data from USAFacts. 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 7/17/2020.

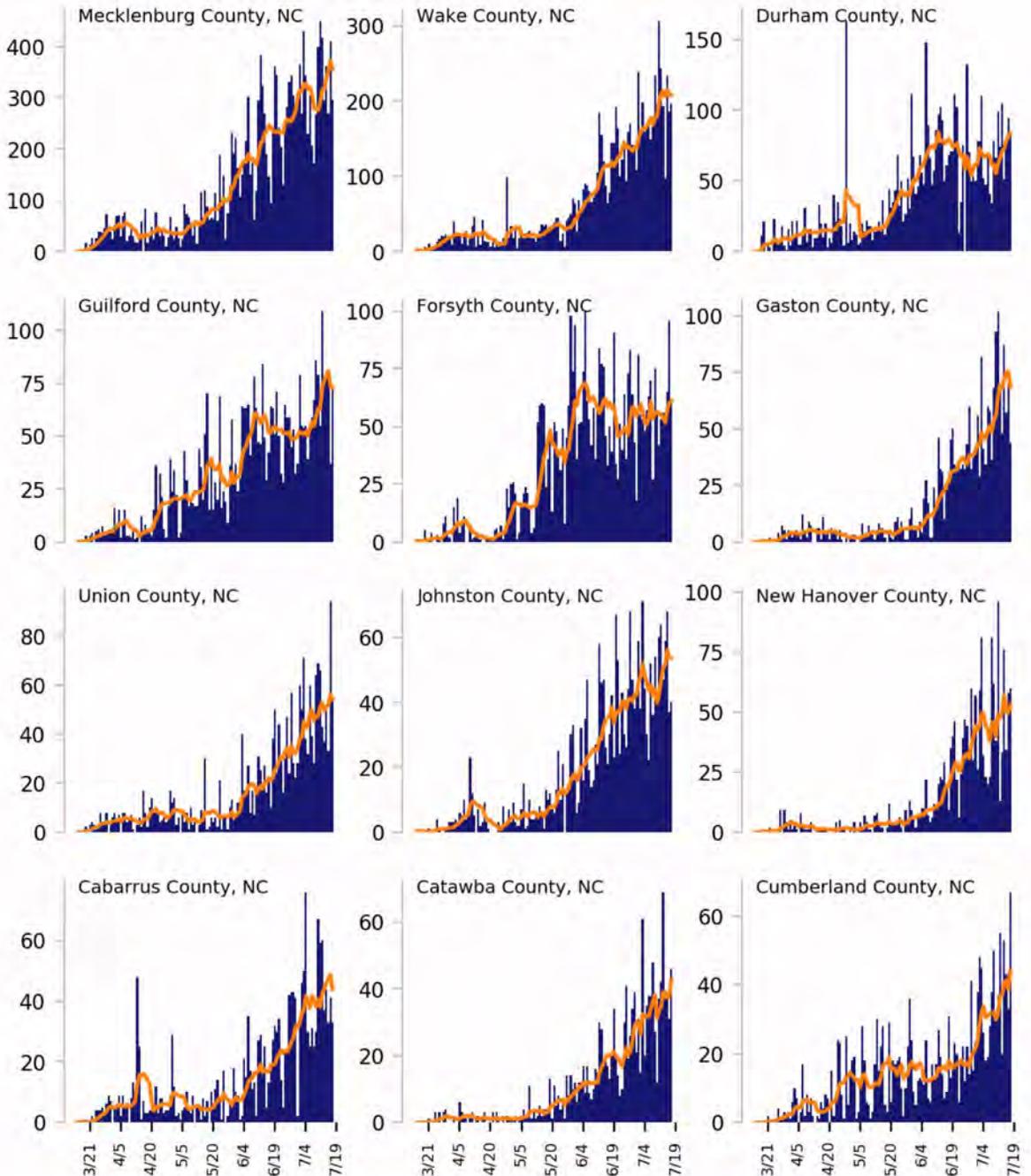
Testing: CELR (COVID-19 Electronic Lab Reporting) state health department-reported data through 7/15/2020.



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



DATA SOURCES

Cases: County-level data from USAFacts through 7/17/2020. Last 3 weeks is 6/27 - 7/17.

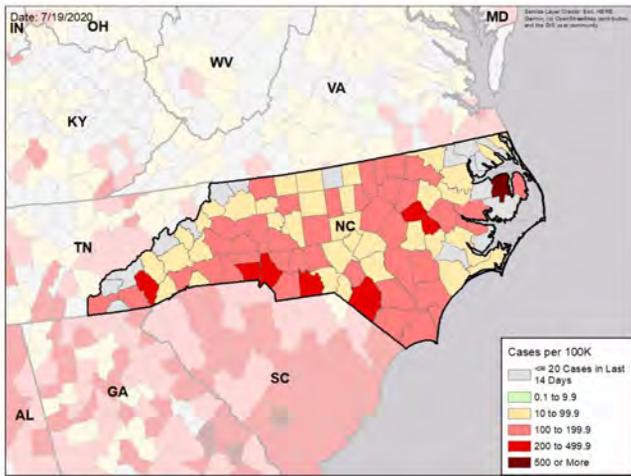


NORTH CAROLINA

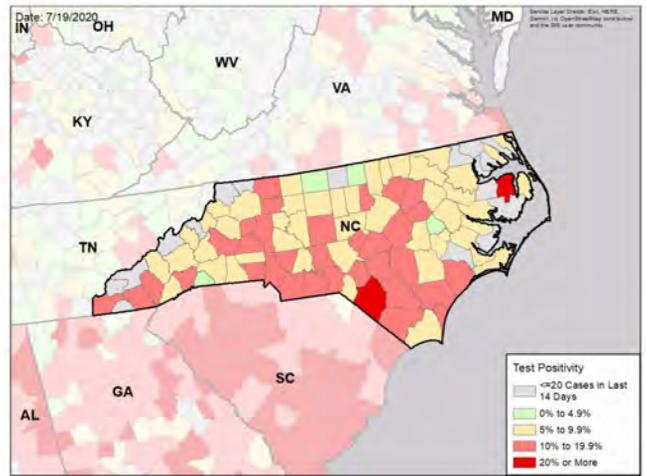
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CASE RATES AND DIAGNOSTIC TEST POSITIVITY DURING THE LAST WEEK

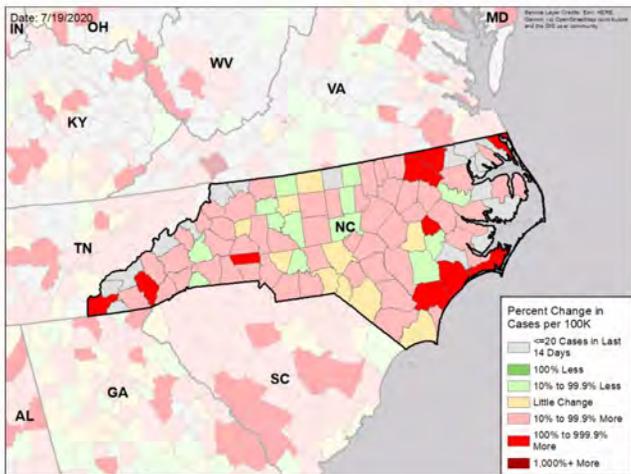
NEW CASES PER 100,000 DURING LAST WEEK



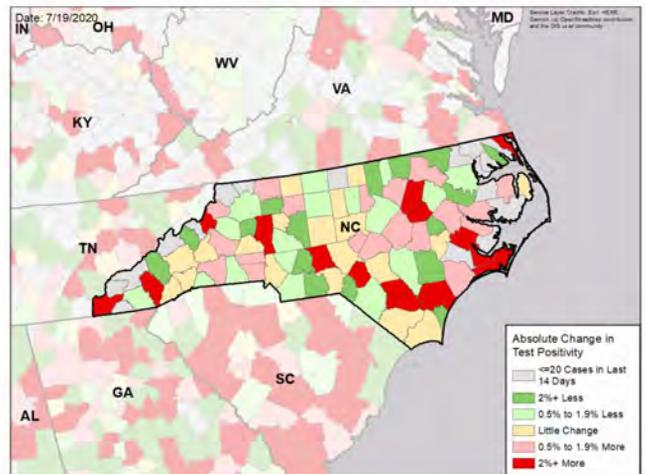
TEST POSITIVITY DURING LAST WEEK



WEEKLY % CHANGE IN NEW CASES PER 100K



WEEKLY CHANGE IN TEST POSITIVITY



DATA SOURCES

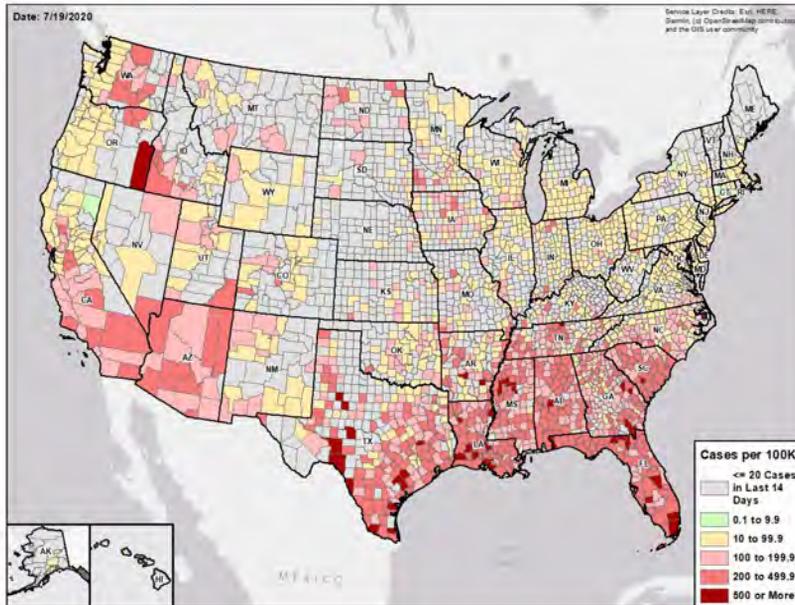
Cases: County-level data from USAFacts through 7/17/2020. Last week is 7/11 - 7/17, previous week is 7/4 - 7/10

Testing: CELR (COVID-19 Electronic Lab Reporting) state health department-reported data through 7/15/2020. Last week is 7/9 - 7/15, previous week is 7/2 - 7/8. Testing data may be backfilled over time, resulting in changes week-to-week in testing data. It is critical that states provide as up-to-date testing data as possible.

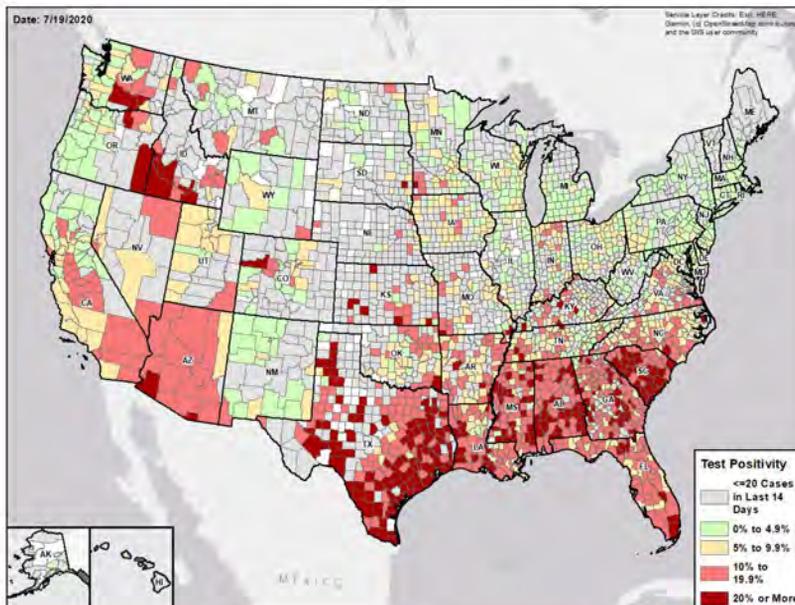


National Picture

NEW CASES PER 100,000 LAST WEEK



TEST POSITIVITY LAST WEEK



DATA SOURCES

Cases: County-level data from USAFacts through 7/17/2020. Last week is 7/11 - 7/17

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 7/15/2020. Last week is 7/9 - 7/15. Testing data may be backfilled over time, resulting in changes week-to-week in testing data. It is critical that states provide as up-to-date testing data as possible.



Methods

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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	<0.5	0.5-2	>2
Percent change in deaths per 100,000 population	<-10%	-10% - 10%	>10%
Skilled Nursing Facilities with at least one COVID-19 case	0%	0.1%-5%	>5%
Change in SNFs with at least one COVID-19 case	<-0.5%	-0.5%-0.5%	>0.5%

DATA NOTES

- Cases and deaths:** County-level data from USAFacts as of 13:00 EDT on 07/18/2020. 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 7/11 to 7/17; previous week data are from 7/4 to 7/10.
- Testing:** CELR (COVID-19 Electronic Lab Reporting) state health department-reported data are used to describe state-level totals when able to be disaggregated from serology test results and to describe county-level 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. Total diagnostic tests are the number of tests performed, not the number of individuals tested. Diagnostic test positivity rate is the number of positive tests divided by the number of tests performed and resulted. Last week data are from 7/9 to 7/15; previous week data are from 7/2 to 7/8. HHS Protect data is recent as of 16:30 EDT on 07/19/2020. Testing data are inclusive of everything received and processed by the CELR system as of 14:00 EDT on 07/19/2020. Testing data may be backfilled over time, resulting in changes week-to-week in testing data. It is critical that states provide as up-to-date testing data as possible.
- 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; 100% represents the baseline mobility level. Data is recent as of 13:00 EDT on 07/18/2020 and through 7/16/2020.
- 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.
- Skilled Nursing Facilities:** National Healthcare Safety Network (NHSN). 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 analysis. Also note that data presented by NHSN is more recent than the data publicly posted by CMS. Therefore, data presented may differ slightly from those publicly posted by CMS.



NORTH DAKOTA

STATE REPORT | 07.20.2020

SUMMARY

- North Dakota is in the yellow zone for cases, indicating between 10 to 100 new cases per 100,000 population last week, and the green zone for test positivity, indicating a rate below 5%.
- North Dakota has seen an increase in new cases and an increase in testing positivity over the past week.
- The following three counties had the highest number of new cases over the past 3 weeks: 1. Cass County, 2. Burleigh County, and 3. Grand Forks County. These counties represent 57.8 percent of new cases in North Dakota.
- Cases increased rapidly in rural counties, including 3 counties (Ward, Montrail, Williams) along US-2 west of Minot and 2 counties (Morton, Stark) along I-94 west of Bismarck.
- North Dakota had 84 new cases per 100,000 population in the past week, compared to a national average of 140 per 100,000.
- During Jul 15 - Jul 17, on average, 4 patients with confirmed COVID-19 and 5 patients with suspected COVID-19 were reported as newly admitted each day to hospitals in North Dakota. An average of 28 percent of hospitals reported 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

- Continue scale-up of contact tracing.
- Continue intensive testing and monitor testing data to identify additional sites of increased transmission and focus public health resources on them. Consider taskforces for Burleigh County (Bismarck) where incidence exceeds 100 cases per 100,000 population in the last week.
- Continue weekly testing of all workers in assisted living and long-term care facilities. Require masks and social distancing for all visitors.
- Specific, detailed guidance on community mitigation measures can be found on the [CDC website](#).

The purpose of this report is to develop a shared understanding of the current status of the pandemic at the national, regional, state and local levels. We recognize that data at the state level may differ from that available at the federal level. Our objective is to use consistent data sources and methods that allow for comparisons to be made across localities. We appreciate your continued support in identifying data discrepancies and improving data completeness and sharing across systems. We look forward to your feedback.

** This figure may differ from state data due to differences in hospital lists between federal and state systems or inclusion of hospitals that are not admitting COVID-19 patients. We are working to incorporate feedback on an ongoing basis to update these figures. These data exclude psychiatric, rehabilitation, and religious non-medical hospitals.*



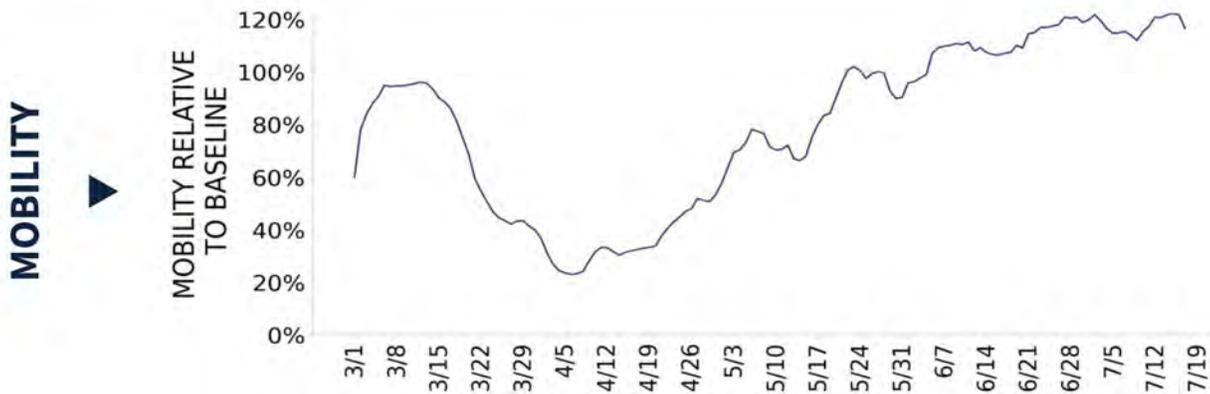
COVID-19



NORTH DAKOTA

STATE REPORT | 07.20.2020

	STATE, LAST WEEK	STATE, % CHANGE FROM PREVIOUS WEEK	FEMA/HHS REGION, LAST WEEK	UNITED STATES, LAST WEEK
NEW CASES (RATE PER 100,000)	638 (84)	+47.7%	9,520 (78)	460,366 (140)
DIAGNOSTIC TEST POSITIVITY RATE	2.8%	+0.6%*	6.0%	9.1%
TOTAL DIAGNOSTIC TESTS (TESTS PER 100,000)	29,651 (3,891)	+10.1%	182,910 (1,492)	4,940,998 (1,505)
COVID DEATHS (RATE PER 100,000)	5 (1)	+0.0%	81 (1)	5,122 (2)
SNFs WITH AT LEAST ONE COVID-19 CASE	2.5%	+0.0%	4.5%	10.0%



* Indicates absolute change in percentage points

DATA SOURCES

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 7/17/2020; last week is 7/11 - 7/17, previous week is 7/4 - 7/10.

Testing: State-level values calculated by using 7-day rolling averages of reported tests. Regional- and national-level values calculated by using a 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 7/15/2020. Last week is 7/9 - 7/15, previous week is 7/2 - 7/8. Testing data are inclusive of everything received and processed by the CELR system as of 14:00 EDT on 07/19/2020. Some dates may be incomplete due to delays in reporting. Testing data may be backfilled over time, resulting in changes week-to-week in testing data. It is critical that states provide as up-to-date testing data as possible.

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; 100% represents the baseline mobility level. Data is anonymized and provided at the county level. Data through 7/17/2020.

SNFs: Skilled nursing facilities. National Healthcare Safety Network. Last week is 7/6-7/12, previous week is 6/29-7/5.



NORTH DAKOTA

STATE REPORT | 07.20.2020

LOCALITIES IN RED ZONE

LOCALITIES IN YELLOW ZONE

	LOCALITIES IN RED ZONE	LOCALITIES IN YELLOW ZONE
METRO AREA (CBSA) LAST WEEK	0 N/A	1 Williston
COUNTY LAST WEEK	2 Cavalier Dunn	5 Williams Walsh Benson Towner Wells

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 a diagnostic test positivity result above 10%.

Yellow Zone: Those core-based statistical areas (CBSAs) and counties that during the last week reported both new cases between 10-100 per 100,000 population, and a diagnostic test positivity result between 5-10%, or one of those two conditions and one condition qualifying as being in the “Red Zone.”

Note: Top 12 locations are selected based on the highest number of new cases in the last three weeks.

DATA SOURCES

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 7/17/2020; last week is 7/11 - 7/17, three weeks is 6/27 - 7/17.

Testing: CELR (COVID-19 Electronic Lab Reporting) state health department-reported data through 7/15/2020. Last week is 7/9 - 7/15. Testing data may be backfilled over time, resulting in changes week-to-week in testing data. It is critical that states provide as up-to-date testing data as possible.

POLICY RECOMMENDATIONS FOR COUNTIES IN THE RED ZONE

Public Messaging

- Wear a mask at all times outside the home and maintain physical distance
- Limit social gatherings to 10 people or fewer
- Do not go to bars, nightclubs, or gyms
- Use take out or eat outdoors socially distanced
- Protect anyone with serious medical conditions at home by social distancing at home and using high levels of personal hygiene, including handwashing and cleaning surfaces
- Reduce your public interactions and activities to 25% of your normal activity

Public Officials

- Close bars and gyms, and create outdoor dining opportunities with pedestrian areas
- Limit social gatherings to 10 people or fewer
- Institute routine weekly testing of all workers in assisted living and long-term care facilities. Require masks for all staff and prohibit visitors
- Ensure that all business retailers and personal services require masks and can safely social distance
- Increase messaging on the risk of serious disease for individuals in all age groups with preexisting obesity, hypertension, and diabetes mellitus, and recommend to shelter in place
- Work with local community groups to provide targeted, tailored messaging to communities with high case rates, and increase community level testing
- Recruit more contact tracers as community outreach workers to ensure all cases are contacted and all positive households are individually tested within 24 hours
- Provide isolation facilities outside of households if COVID-positive individuals can't quarantine successfully

Testing

- Move to community-led neighborhood testing and work with local community groups to increase access to testing
- Surge testing and contact tracing resources to neighborhoods and zip codes with highest case rates
- **Diagnostic pooling:** Laboratories should use pooling of samples to increase testing access and reduce turnaround times to under 12 hours. Consider pools of 2-3 individuals in high incidence settings and 5:1 pools in setting where test positivity is under 10%
- **Surveillance pooling:** For family and cohabitating households, screen entire households in a single test by pooling specimens of all members into single collection device

POLICY RECOMMENDATIONS FOR COUNTIES IN THE YELLOW ZONE IN ORDER TO PREEMPT EXPONENTIAL COMMUNITY SPREAD

Public Messaging

- Wear a mask at all times outside the home and maintain physical distance
- Limit social gatherings to 25 people or fewer
- Do not go to bars or nightclubs
- Use take out, outdoor dining or indoor dining when strict social distancing can be maintained
- Protect anyone with serious medical conditions at home by social distancing at home and using high levels of personal hygiene
- Reduce your public interactions and activities to 50% of your normal activity

Public Officials

- Limit gyms to 25% occupancy and close bars until percent positive rates are under 3%; create outdoor dining opportunities with pedestrian areas
- Limit social gatherings to 25 people or fewer
- Institute routine weekly testing of all workers in assisted living and long-term care facilities. Require masks for all staff and prohibit visitors
- Ensure that all business retailers and personal services require masks and can safely social distance
- Increase messaging on the risk of serious disease for individuals in all age groups with preexisting obesity, hypertension, and diabetes mellitus, and recommend to shelter in place
- Work with local community groups to provide targeted, tailored messaging to communities with high case rates, and increase community level testing
- Recruit more contact tracers as community outreach workers to ensure all cases are contacted and all positive households are individually tested within 24 hours
- Provide isolation facilities outside of households if COVID-positive individuals can't quarantine successfully

Testing

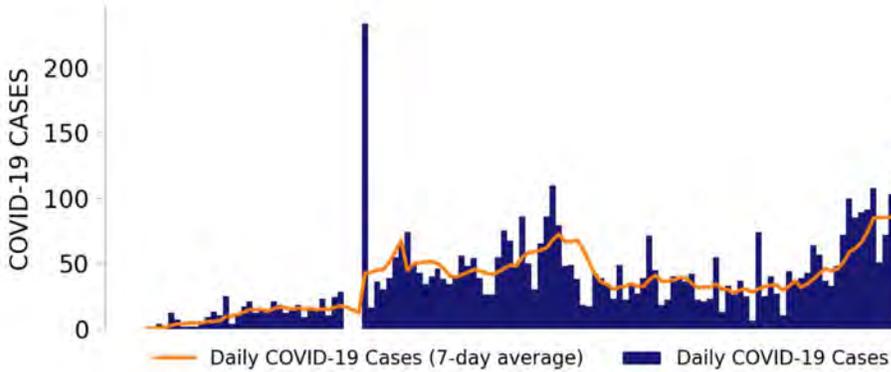
- Move to community-led neighborhood testing and work with local community groups to increase access to testing
- Surge testing and contact tracing resources to neighborhoods and zip codes with highest case rates
- **Diagnostic pooling:** Laboratories should use pooling of samples to increase testing access and reduce turnaround times to under 12 hours. Consider pools of 3-5 individuals
- **Surveillance pooling:** For family and cohabitating households, screen entire households in a single test by pooling specimens of all members into single collection device



NORTH DAKOTA

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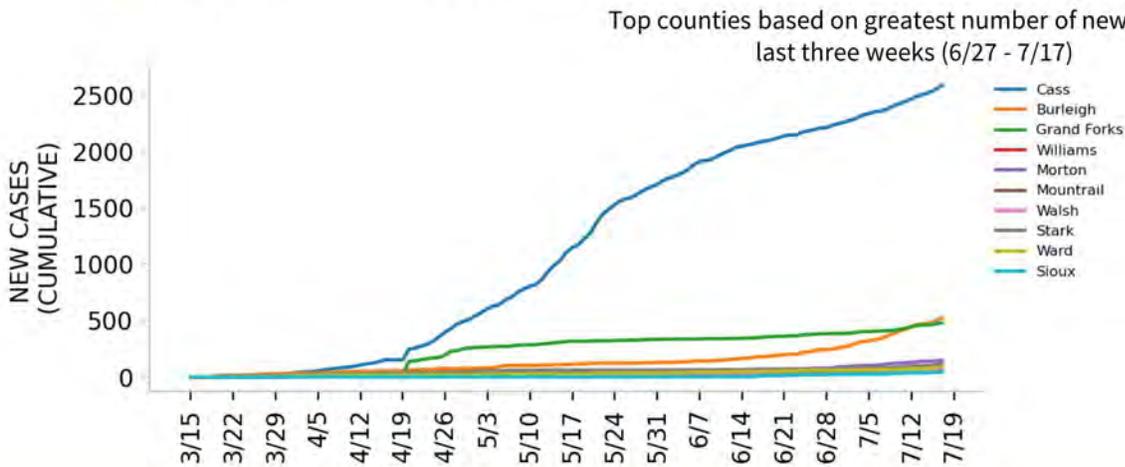
NEW CASES



TESTING



TOP COUNTIES



DATA SOURCES

Cases: County-level data from USAFacts. 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 7/17/2020.

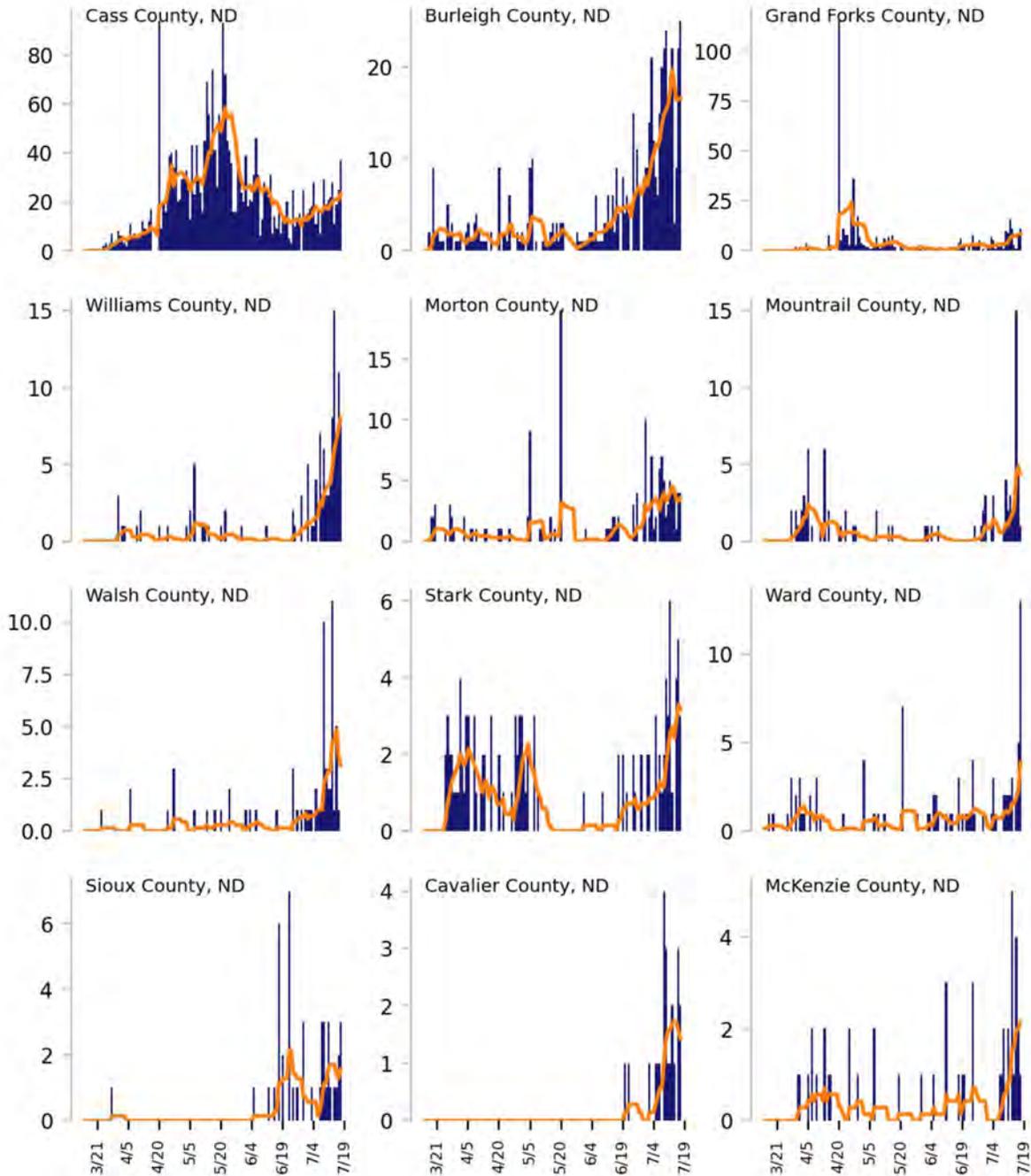
Testing: CELR (COVID-19 Electronic Lab Reporting) state health department-reported data through 7/15/2020.



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



DATA SOURCES

Cases: County-level data from USAFacts through 7/17/2020. Last 3 weeks is 6/27 - 7/17.

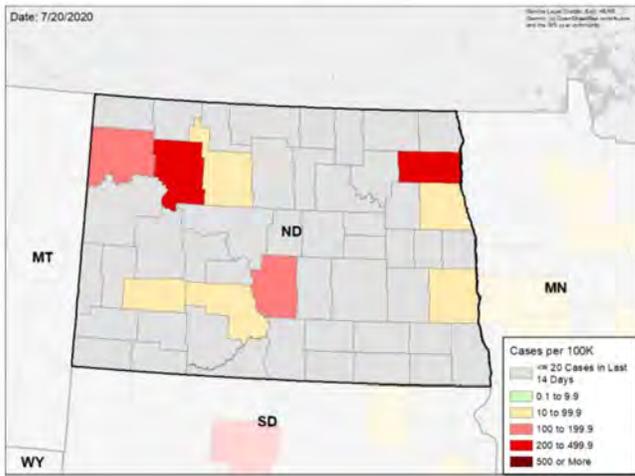


NORTH DAKOTA

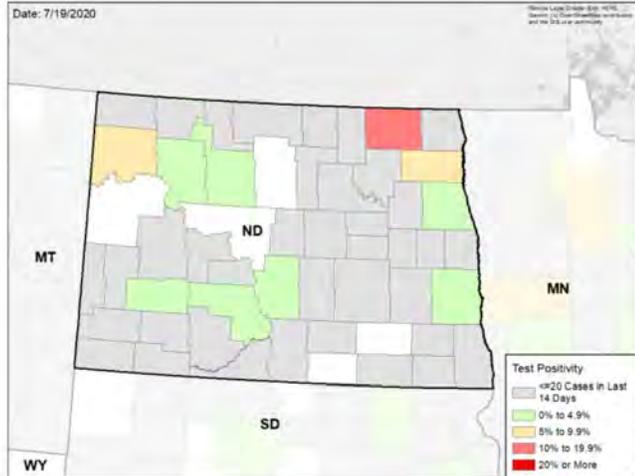
STATE REPORT | 07.20.2020

CASE RATES AND DIAGNOSTIC TEST POSITIVITY DURING THE LAST WEEK

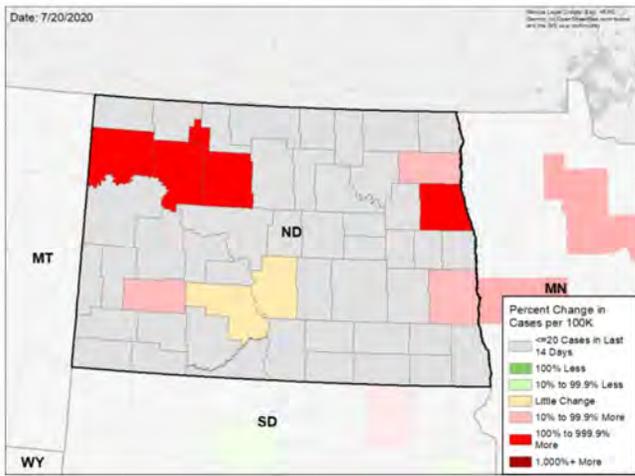
NEW CASES PER 100,000 DURING LAST WEEK



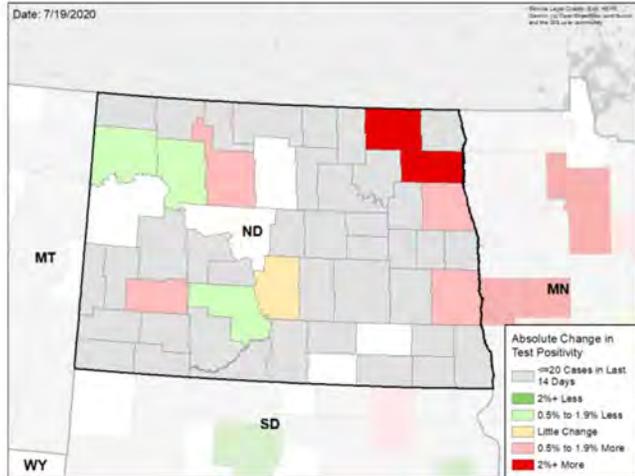
TEST POSITIVITY DURING LAST WEEK



WEEKLY % CHANGE IN NEW CASES PER 100K



WEEKLY CHANGE IN TEST POSITIVITY



DATA SOURCES

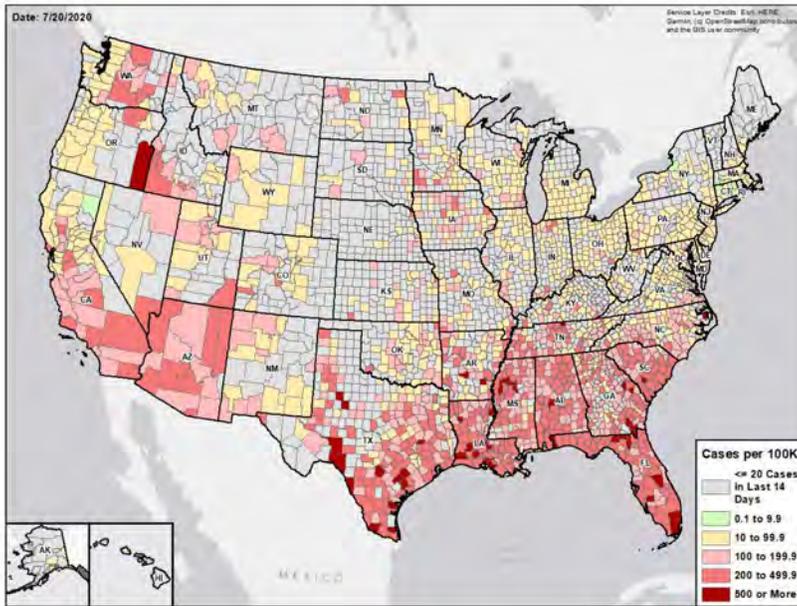
Cases: County-level data from USAFacts through 7/17/2020. Last week is 7/11 - 7/17, previous week is 7/4 - 7/10

Testing: CELR (COVID-19 Electronic Lab Reporting) state health department-reported data through 7/15/2020. Last week is 7/9 - 7/15, previous week is 7/2 - 7/8. Testing data may be backfilled over time, resulting in changes week-to-week in testing data. It is critical that states provide as up-to-date testing data as possible.

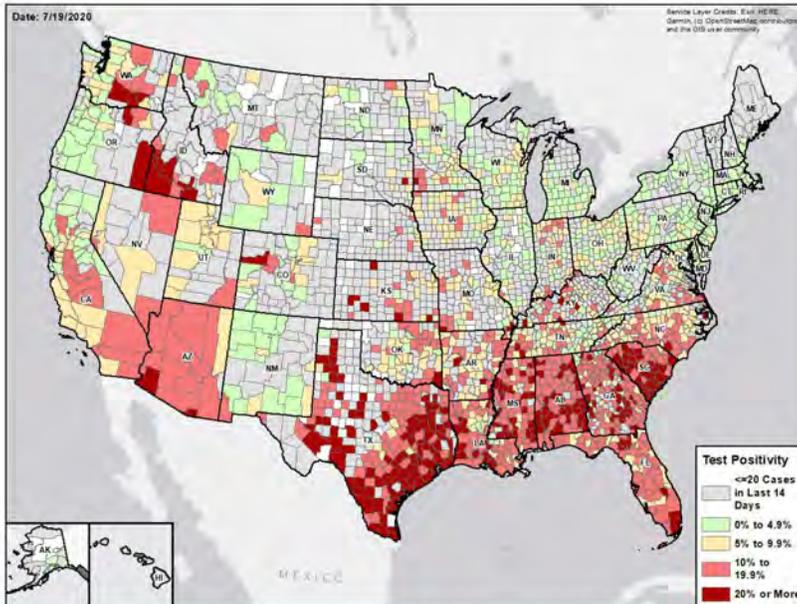


National Picture

NEW CASES PER 100,000 LAST WEEK



TEST POSITIVITY LAST WEEK



DATA SOURCES

Cases: County-level data from USAFacts through 7/17/2020. Last week is 7/11 - 7/17

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 7/15/2020. Last week is 7/9 - 7/15. Testing data may be backfilled over time, resulting in changes week-to-week in testing data. It is critical that states provide as up-to-date testing data as possible.



Methods

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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	<0.5	0.5-2	>2
Percent change in deaths per 100,000 population	<-10%	-10% - 10%	>10%
Skilled Nursing Facilities with at least one COVID-19 case	0%	0.1%-5%	>5%
Change in SNFs with at least one COVID-19 case	<-0.5%	-0.5%-0.5%	>0.5%

DATA NOTES

- Cases and deaths:** County-level data from USAFacts as of 13:00 EDT on 07/19/2020. 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 7/11 to 7/17; previous week data are from 7/4 to 7/10.
- Testing:** CELR (COVID-19 Electronic Lab Reporting) state health department-reported data are used to describe state-level totals when able to be disaggregated from serology test results and to describe county-level 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. Total diagnostic tests are the number of tests performed, not the number of individuals tested. Diagnostic test positivity rate is the number of positive tests divided by the number of tests performed and resulted. Last week data are from 7/9 to 7/15; previous week data are from 7/2 to 7/8. HHS Protect data is recent as of 16:30 EDT on 07/19/2020. Testing data are inclusive of everything received and processed by the CELR system as of 14:00 EDT on 07/19/2020. Testing data may be backfilled over time, resulting in changes week-to-week in testing data. It is critical that states provide as up-to-date testing data as possible.
- 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; 100% represents the baseline mobility level. Data is recent as of 13:00 EDT on 07/18/2020 and through 7/17/2020.
- 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.
- Skilled Nursing Facilities:** National Healthcare Safety Network (NHSN). 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 analysis. Also note that data presented by NHSN is more recent than the data publicly posted by CMS. Therefore, data presented may differ slightly from those publicly posted by CMS.



OHIO

STATE REPORT | 07.19.2020

SUMMARY

- Ohio is in the yellow zone for cases, indicating between 10 to 100 new cases per 100,000 population last week, and the yellow zone for test positivity, indicating a rate between 5% to 10%.
- Ohio has seen an increase in new cases and stability in testing positivity over the past week.
- The following three counties had the highest number of new cases over the past 3 weeks: 1. Franklin County, 2. Cuyahoga County, and 3. Hamilton County. These counties represent 50.4 percent of new cases in Ohio.
- Ohio had 81 new cases per 100,000 population in the past week, compared to a national average of 140 per 100,000.
- The federal government has deployed the following staff as assets to support the state response: 11 to support operations activities from FEMA and 4 to support operations activities from USCG.
- During Jul 15 - Jul 17, on average, 150 patients with confirmed COVID-19 and 629 patients with suspected COVID-19 were reported as newly admitted each day to hospitals in Ohio. An average of 58 percent of hospitals reported 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

- Continue to promote social distancing and wearing of face masks outside the home; expand face mask mandate to all counties with elevated transmission (yellow or red zone, as defined below).
- Continue to protect residents of nursing homes and long-term care facilities through weekly testing of staff and universal face mask use.
- In counties or localities with 7-day average test positivity greater than 5%, limit gyms to 25% occupancy, close bars, and ensure strict social distancing can be maintained in restaurants (emphasize outdoor over indoor dining).
- In counties with 7-day average test positivity between 5% and 10%, limit gatherings to fewer than 25 people, and in counties with 7-day average test positivity greater than 10%, limit gatherings to fewer than 10 people.
- Continue to cite businesses that violate state orders.
- Continue to vigorously investigate cases and implement intensified contact tracing with early quarantine of contacts and isolation of suspected or confirmed cases.
- In counties with high case rates and elevated or increasing transmission, plan surge testing and implement community-led testing to increase access. Consider pooled testing as described below to increase access and reduce turnaround times, with particular focus on groups at highest risk (e.g., consider pooled workplace testing for essential workers and pooled community testing among demographic groups with demonstrated elevated risk).
- Increase messaging of the risk of serious disease in the elderly and in all age groups with preexisting medical conditions, including obesity, hypertension, and diabetes mellitus.
- Specific, detailed guidance on community mitigation measures can be found on the [CDC website](#).

The purpose of this report is to develop a shared understanding of the current status of the pandemic at the national, regional, state and local levels. We recognize that data at the state level may differ from that available at the federal level. Our objective is to use consistent data sources and methods that allow for comparisons to be made across localities. We appreciate your continued support in identifying data discrepancies and improving data completeness and sharing across systems. We look forward to your feedback.

** This figure may differ from state data due to differences in hospital lists between federal and state systems or inclusion of hospitals that are not admitting COVID-19 patients. We are working to incorporate feedback on an ongoing basis to update these figures. These data exclude psychiatric, rehabilitation, and religious non-medical hospitals.*



COVID-19

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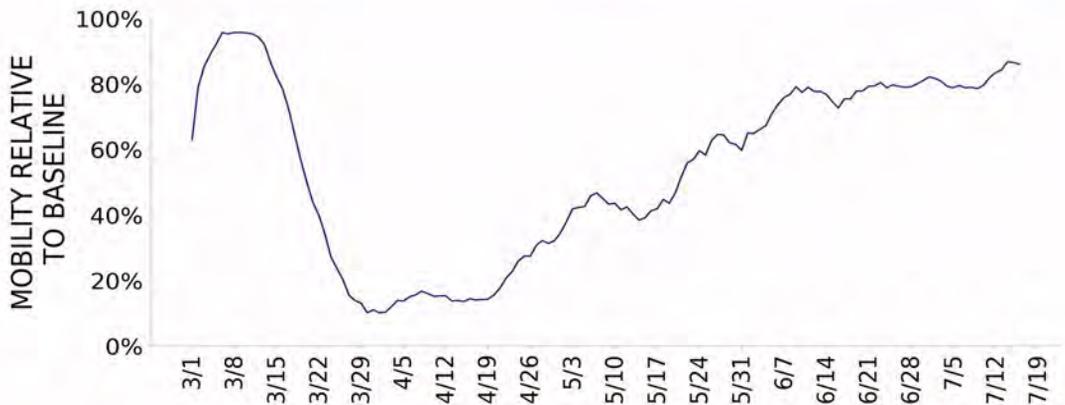


OHIO

STATE REPORT | 07.19.2020

	STATE, LAST WEEK	STATE, % CHANGE FROM PREVIOUS WEEK	FEMA/HHS REGION, LAST WEEK	UNITED STATES, LAST WEEK
NEW CASES (RATE PER 100,000)	9,426 (81)	+24.1%	36,439 (69)	460,366 (140)
DIAGNOSTIC TEST POSITIVITY RATE	6.3%	+0.4%*	5.0%	9.1%
TOTAL DIAGNOSTIC TESTS (TESTS PER 100,000)	155,227 (1,328)	+19.8%	883,705 (1,682)	4,940,998 (1,505)
COVID DEATHS (RATE PER 100,000)	82 (1)	-35.4%	401 (1)	5,122 (2)
SNFs WITH AT LEAST ONE COVID-19 CASE	6.5%	+0.0%	7.0%	10.0%

MOBILITY



* Indicates absolute change in percentage points

DATA SOURCES

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 7/17/2020; last week is 7/11 - 7/17, previous week is 7/4 - 7/10.

Testing: State-level values calculated by using 7-day rolling averages of reported tests. Regional- and national-level values calculated by using a 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 7/15/2020. Last week is 7/9 - 7/15, previous week is 7/2 - 7/8. Testing data are inclusive of everything received and processed by the CELR system as of 14:00 EDT on 07/19/2020. Some dates may be incomplete due to delays in reporting. Testing data may be backfilled over time, resulting in changes week-to-week in testing data. It is critical that states provide as up-to-date testing data as possible.

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; 100% represents the baseline mobility level. Data is anonymized and provided at the county level. Data through 7/16/2020.

SNFs: Skilled nursing facilities. National Healthcare Safety Network. Last week is 7/6-7/12, previous week is 6/29-7/5.



OHIO

STATE REPORT | 07.19.2020

LOCALITIES IN RED ZONE

LOCALITIES IN YELLOW ZONE

METRO AREA (CBSA) LAST WEEK

0

N/A

20

Top 12 shown (full list below)

Columbus
Cleveland-Elyria
Cincinnati
Dayton-Kettering
Toledo
Akron
Canton-Massillon
Salem
Athens
New Philadelphia-Dover
Norwalk
Mansfield

COUNTY LAST WEEK

0

N/A

35

Top 12 shown (full list below)

Franklin
Cuyahoga
Hamilton
Montgomery
Lucas
Butler
Summit
Warren
Delaware
Lorain
Columbiana
Stark

All Yellow CBSAs: Columbus, Cleveland-Elyria, Cincinnati, Dayton-Kettering, Toledo, Akron, Canton-Massillon, Salem, Athens, New Philadelphia-Dover, Norwalk, Mansfield, Coshocton, Fremont, Chillicothe, Weirton-Steubenville, Portsmouth, Wheeling, Ashland, Wilmington

All Yellow Counties: Franklin, Cuyahoga, Hamilton, Montgomery, Lucas, Butler, Summit, Warren, Delaware, Lorain, Columbiana, Stark, Licking, Lake, Greene, Athens, Medina, Tuscarawas, Wood, Huron, Richland, Ottawa, Coshocton, Sandusky, Geauga, Ross, Jefferson, Scioto, Ashland, Preble, Clinton, Fulton, Williams, Paulding, Pike

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 a diagnostic test positivity result above 10%.

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

Note: Top 12 locations are selected based on the highest number of new cases in the last three weeks.

DATA SOURCES

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 7/17/2020; last week is 7/11 - 7/17, three weeks is 6/27 - 7/17.

Testing: HHS Protect laboratory data (provided directly to Federal Government from public health labs, hospital labs, and commercial labs) through 7/15/2020. Last week is 7/9 - 7/15. Testing data may be backfilled over time, resulting in changes week-to-week in testing data. It is critical that states provide as up-to-date testing data as possible.

POLICY RECOMMENDATIONS FOR COUNTIES IN THE RED ZONE

Public Messaging

- Wear a mask at all times outside the home and maintain physical distance
- Limit social gatherings to 10 people or fewer
- Do not go to bars, nightclubs, or gyms
- Use take out or eat outdoors socially distanced
- Protect anyone with serious medical conditions at home by social distancing at home and using high levels of personal hygiene, including handwashing and cleaning surfaces
- Reduce your public interactions and activities to 25% of your normal activity

Public Officials

- Close bars and gyms, and create outdoor dining opportunities with pedestrian areas
- Limit social gatherings to 10 people or fewer
- Institute routine weekly testing of all workers in assisted living and long-term care facilities. Require masks for all staff and prohibit visitors
- Ensure that all business retailers and personal services require masks and can safely social distance
- Increase messaging on the risk of serious disease for individuals in all age groups with preexisting obesity, hypertension, and diabetes mellitus, and recommend to shelter in place
- Work with local community groups to provide targeted, tailored messaging to communities with high case rates, and increase community level testing
- Recruit more contact tracers as community outreach workers to ensure all cases are contacted and all positive households are individually tested within 24 hours
- Provide isolation facilities outside of households if COVID-positive individuals can't quarantine successfully

Testing

- Move to community-led neighborhood testing and work with local community groups to increase access to testing
- Surge testing and contact tracing resources to neighborhoods and zip codes with highest case rates
- **Diagnostic pooling:** Laboratories should use pooling of samples to increase testing access and reduce turnaround times to under 12 hours. Consider pools of 2-3 individuals in high incidence settings and 5:1 pools in setting where test positivity is under 10%
- **Surveillance pooling:** For family and cohabitating households, screen entire households in a single test by pooling specimens of all members into single collection device

POLICY RECOMMENDATIONS FOR COUNTIES IN THE YELLOW ZONE IN ORDER TO PREEMPT EXPONENTIAL COMMUNITY SPREAD

Public Messaging

- Wear a mask at all times outside the home and maintain physical distance
- Limit social gatherings to 25 people or fewer
- Do not go to bars or nightclubs
- Use take out, outdoor dining or indoor dining when strict social distancing can be maintained
- Protect anyone with serious medical conditions at home by social distancing at home and using high levels of personal hygiene
- Reduce your public interactions and activities to 50% of your normal activity

Public Officials

- Limit gyms to 25% occupancy and close bars until percent positive rates are under 3%; create outdoor dining opportunities with pedestrian areas
- Limit social gatherings to 25 people or fewer
- Institute routine weekly testing of all workers in assisted living and long-term care facilities. Require masks for all staff and prohibit visitors
- Ensure that all business retailers and personal services require masks and can safely social distance
- Increase messaging on the risk of serious disease for individuals in all age groups with preexisting obesity, hypertension, and diabetes mellitus, and recommend to shelter in place
- Work with local community groups to provide targeted, tailored messaging to communities with high case rates, and increase community level testing
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- Provide isolation facilities outside of households if COVID-positive individuals can't quarantine successfully

Testing

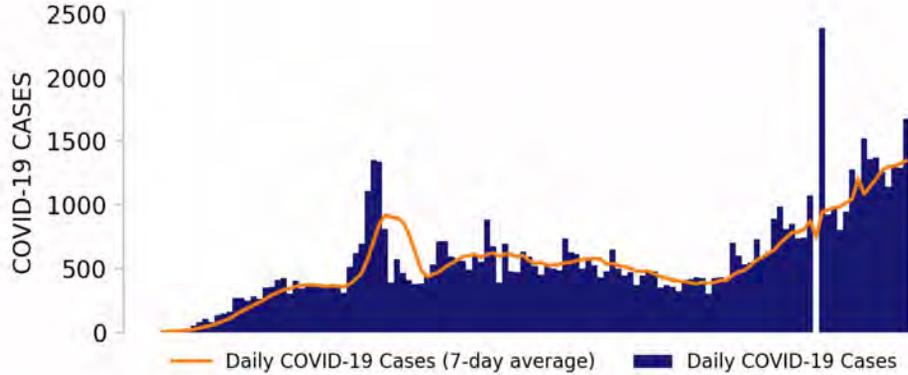
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- **Diagnostic pooling:** Laboratories should use pooling of samples to increase testing access and reduce turnaround times to under 12 hours. Consider pools of 3-5 individuals
- **Surveillance pooling:** For family and cohabitating households, screen entire households in a single test by pooling specimens of all members into single collection device



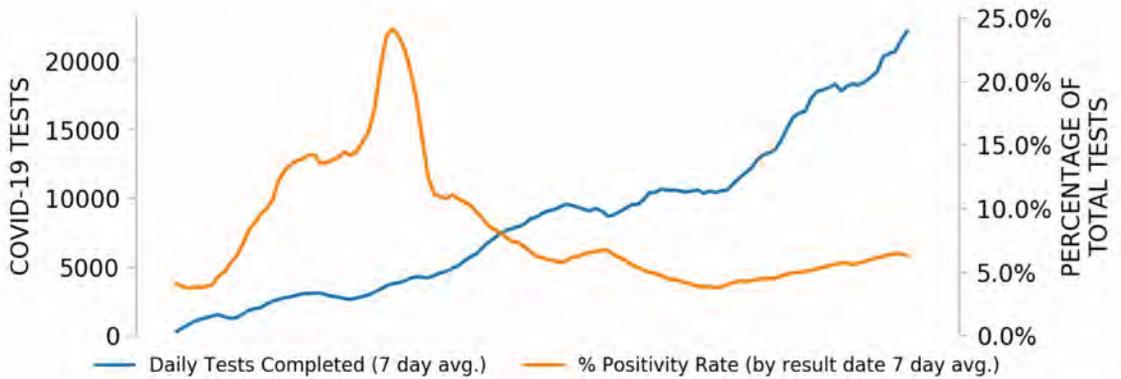
OHIO

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NEW CASES

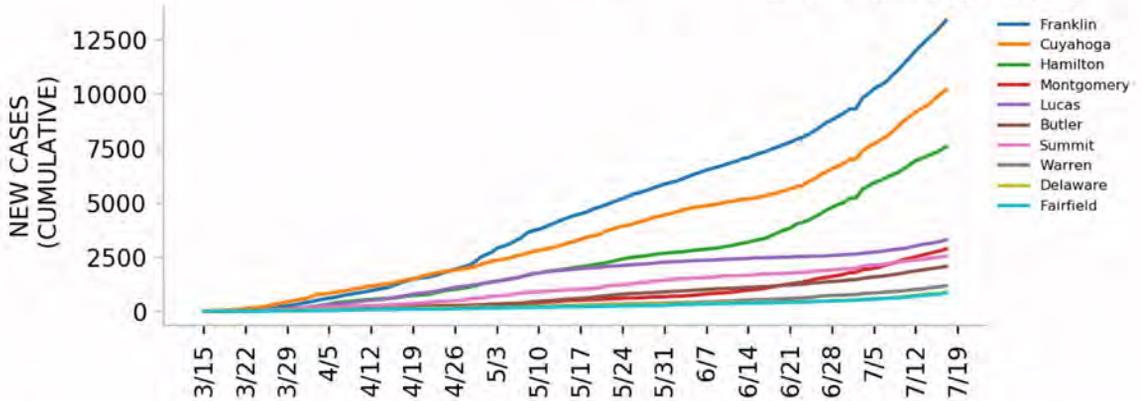


TESTING



Top counties based on greatest number of new cases in last three weeks (6/27 - 7/17)

TOP COUNTIES



DATA SOURCES

Cases: County-level data from USAFacts. 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 7/17/2020.

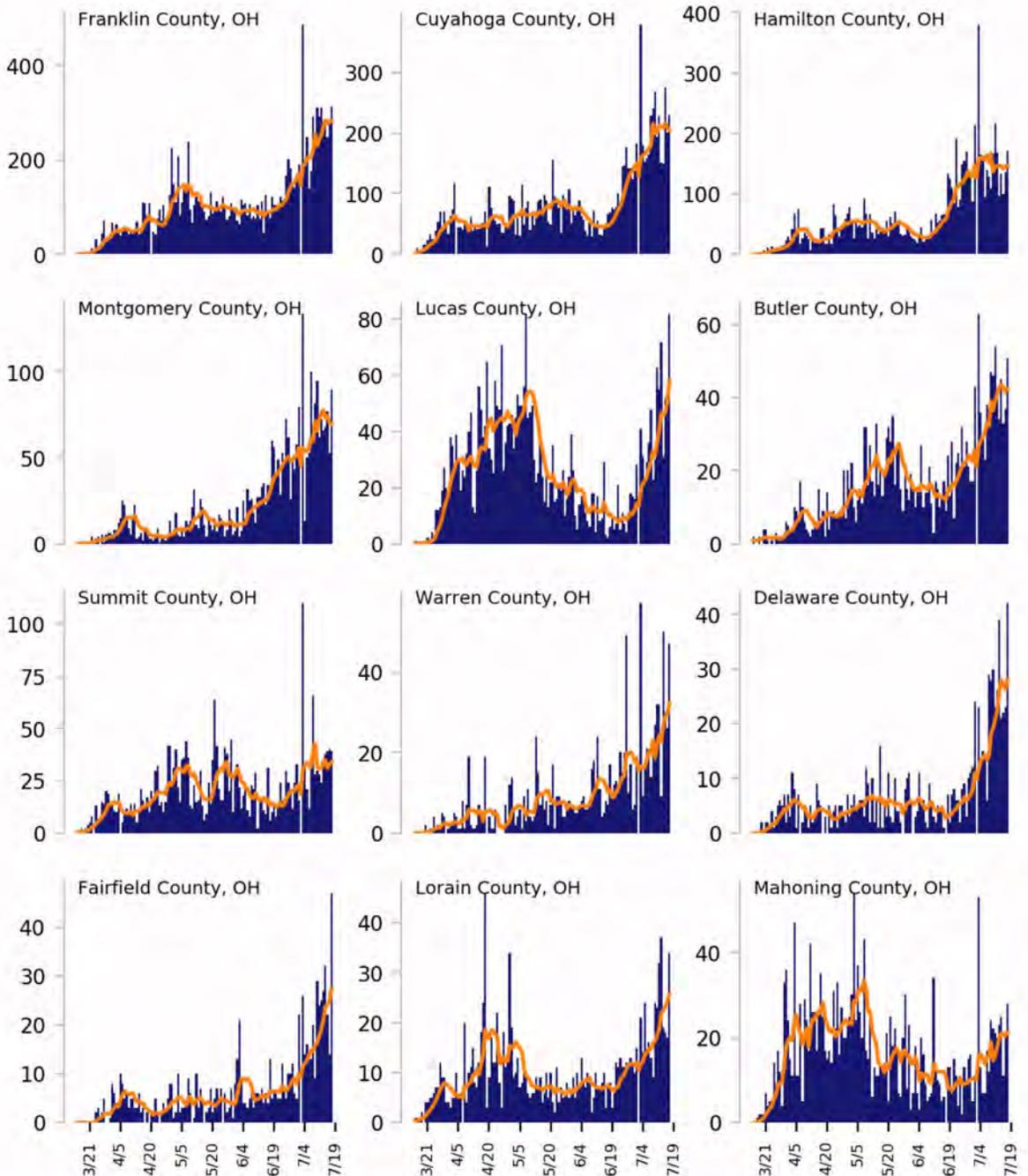
Testing: CELR (COVID-19 Electronic Lab Reporting) state health department-reported data through 7/15/2020.



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



DATA SOURCES

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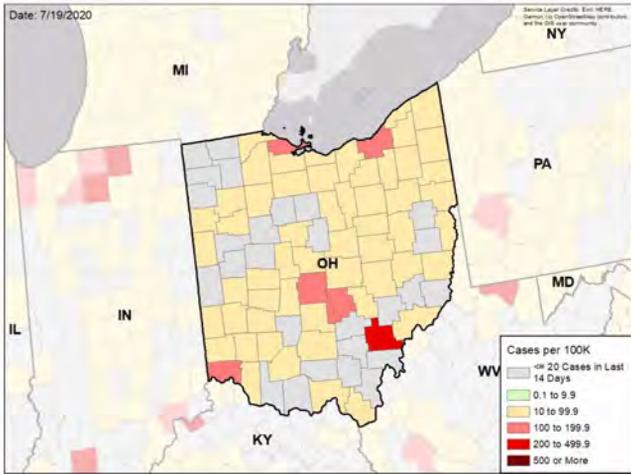


OHIO

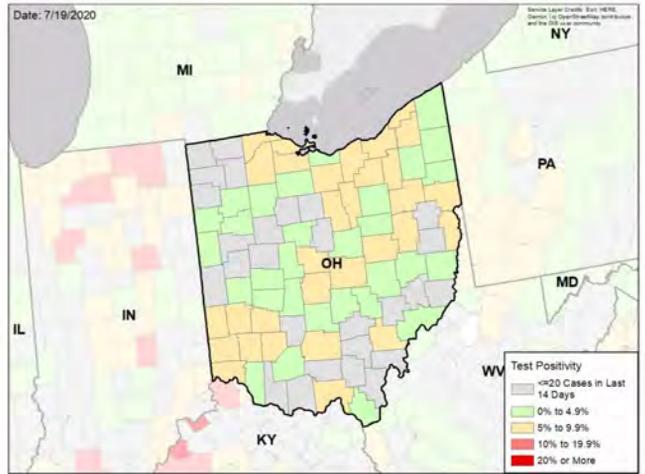
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CASE RATES AND DIAGNOSTIC TEST POSITIVITY DURING THE LAST WEEK

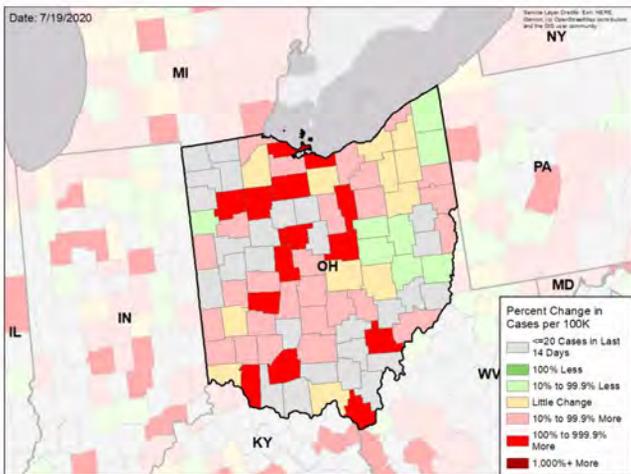
NEW CASES PER 100,000 DURING LAST WEEK



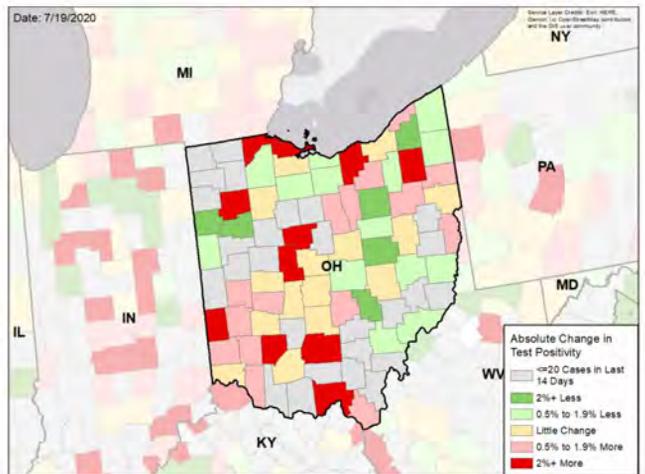
TEST POSITIVITY DURING LAST WEEK



WEEKLY % CHANGE IN NEW CASES PER 100K



WEEKLY CHANGE IN TEST POSITIVITY



DATA SOURCES

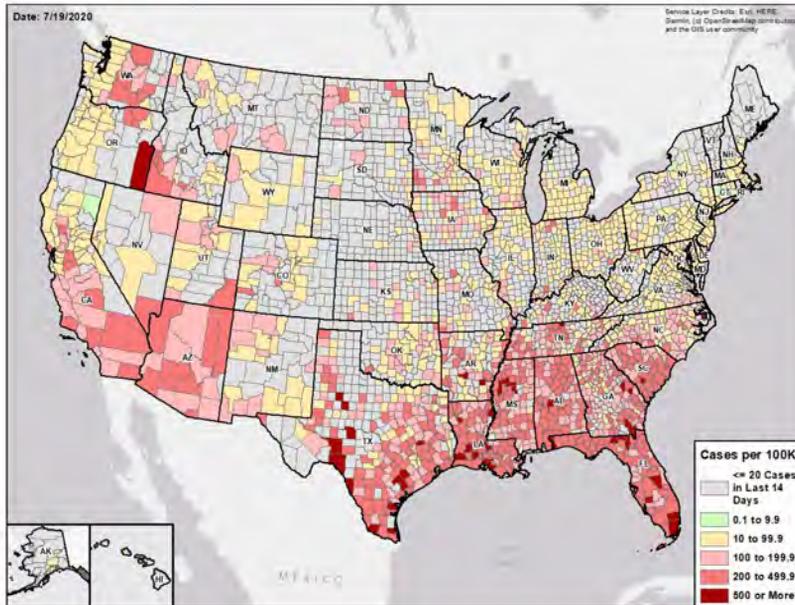
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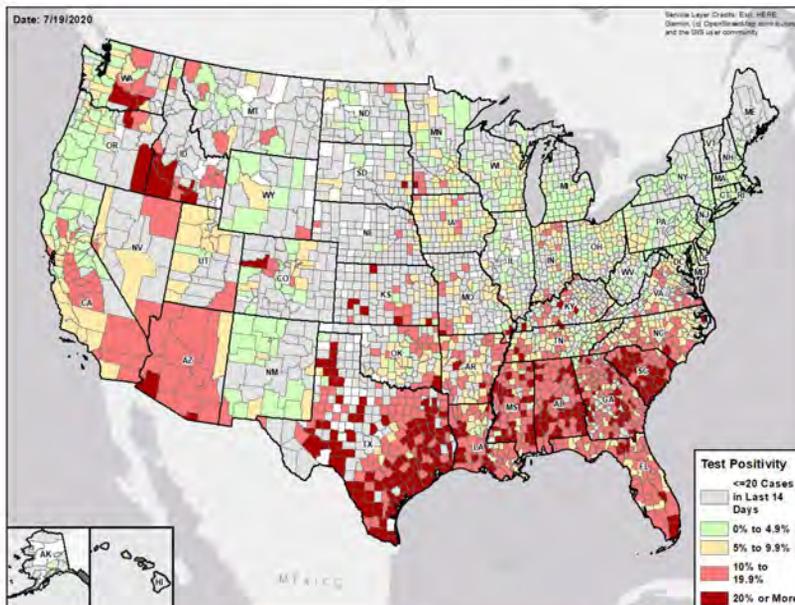


National Picture

NEW CASES PER 100,000 LAST WEEK



TEST POSITIVITY LAST WEEK



DATA SOURCES

Cases: County-level data from USAFacts through 7/17/2020. Last week is 7/11 - 7/17

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Methods

STATE REPORT | 07.19.2020

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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	<0.5	0.5-2	>2
Percent change in deaths per 100,000 population	<-10%	-10% - 10%	>10%
Skilled Nursing Facilities with at least one COVID-19 case	0%	0.1%-5%	>5%
Change in SNFs with at least one COVID-19 case	<-0.5%	-0.5%-0.5%	>0.5%

DATA NOTES

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OKLAHOMA

STATE REPORT | 07.19.2020

SUMMARY

- Oklahoma is in the red zone for cases, indicating more than 100 new cases per 100,000 population last week, and the yellow zone for test positivity, indicating a rate between 5% to 10%.
- Oklahoma continues to have increasing cases across the state with more counties in the red zone. Test positivity has stabilized over the past week.
- The following three counties had the highest number of new cases over the past 3 weeks: 1. Oklahoma County, 2. Tulsa County, and 3. Cleveland County. These counties represent 61.3 percent of new cases in Oklahoma.
- Oklahoma had 128 new cases per 100,000 population in the past week, compared to a national average of 140 per 100,000.
- The federal government has deployed the following staff as assets to support the state response: 6 to support operations activities from FEMA and 2 from CDC.
- During Jul 15 - Jul 17, on average, 51 patients with confirmed COVID-19 and 49 patients with suspected COVID-19 were reported as newly admitted each day to hospitals in Oklahoma. An average of 50 percent of hospitals reported 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

- In hot zones, close establishments where social distancing and mask use cannot occur, such as bars.
- Move to outdoor dining and limit indoor dining to less than 25% of normal occupancy.
- Mandate public use of masks in red and yellow hot zones.
- Protect vulnerable populations in assisted living and long-term care facilities through weekly testing of all workers and requiring masks. In facilities with workers who tested positive, ensure all residents have been tested and appropriate cohorting measures are in place.
- Continue to enhance contact tracing and ensure the ability of cases and contacts to quarantine or isolate safely.
- Monitor testing data to identify additional sites of increased transmission and focus public health resources on them.
- Test households in one tube with rapid turnaround testing. For households that test positive, isolate and conduct follow-up individual tests.
- Expand testing capacity in Public Health labs, adding shifts and weekend shifts to reduce turnaround times.
- Increase messaging of the risk of serious disease in all age groups with preexisting medical conditions, including obesity, hypertension, and diabetes mellitus.
- Specific, detailed guidance on community mitigation measures can be found on the [CDC website](#).

The purpose of this report is to develop a shared understanding of the current status of the pandemic at the national, regional, state and local levels. We recognize that data at the state level may differ from that available at the federal level. Our objective is to use consistent data sources and methods that allow for comparisons to be made across localities. We appreciate your continued support in identifying data discrepancies and improving data completeness and sharing across systems. We look forward to your feedback.

** This figure may differ from state data due to differences in hospital lists between federal and state systems or inclusion of hospitals that are not admitting COVID-19 patients. We are working to incorporate feedback on an ongoing basis to update these figures. These data exclude psychiatric, rehabilitation, and religious non-medical hospitals.*



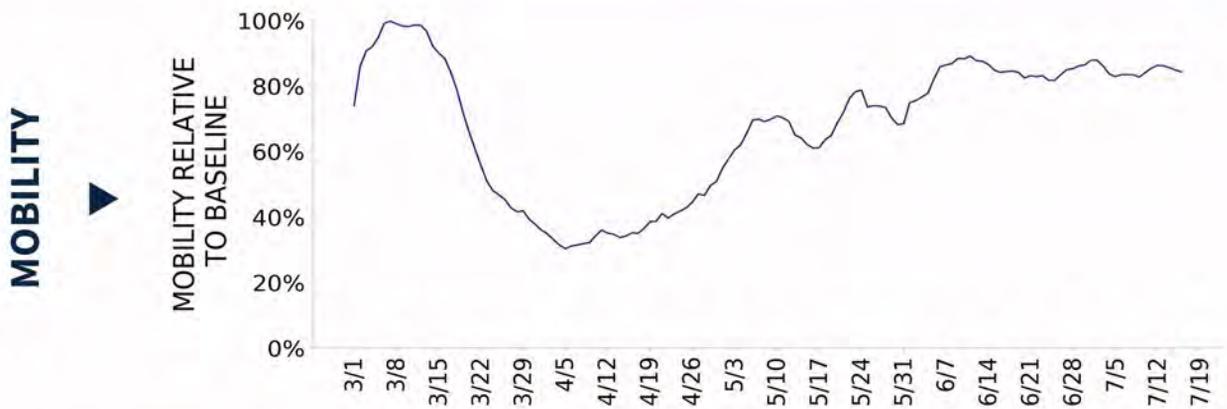
COVID-19



OKLAHOMA

STATE REPORT | 07.19.2020

	STATE, LAST WEEK	STATE, % CHANGE FROM PREVIOUS WEEK	FEMA/HHS REGION, LAST WEEK	UNITED STATES, LAST WEEK
NEW CASES (RATE PER 100,000)	5,050 (128)	+25.5%	98,661 (231)	460,366 (140)
DIAGNOSTIC TEST POSITIVITY RATE	9.8%	-0.1%*	16.1%	9.1%
TOTAL DIAGNOSTIC TESTS (TESTS PER 100,000)	26,244 (663)	-6.4%	515,746 (1,207)	4,940,998 (1,505)
COVID DEATHS (RATE PER 100,000)	29 (1)	+52.6%	948 (2)	5,122 (2)
SNFs WITH AT LEAST ONE COVID-19 CASE	3.5%	+0.6%	14.1%	10.0%



* Indicates absolute change in percentage points

DATA SOURCES

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 7/17/2020; last week is 7/11 - 7/17, previous week is 7/4 - 7/10.

Testing: State-level values calculated by using 7-day rolling averages of reported tests. Regional- and national-level values calculated by using a 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 7/15/2020. Last week is 7/9 - 7/15, previous week is 7/2 - 7/8. Testing data are inclusive of everything received and processed by the CELR system as of 14:00 EDT on 07/19/2020. Some dates may be incomplete due to delays in reporting. Testing data may be backfilled over time, resulting in changes week-to-week in testing data. It is critical that states provide as up-to-date testing data as possible.

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; 100% represents the baseline mobility level. Data is anonymized and provided at the county level. Data through 7/16/2020.

SNFs: Skilled nursing facilities. National Healthcare Safety Network. Last week is 7/6-7/12, previous week is 6/29-7/5.



OKLAHOMA

STATE REPORT | 07.19.2020

LOCALITIES IN RED ZONE

LOCALITIES IN YELLOW ZONE

METRO AREA (CBSA) LAST WEEK

3

Oklahoma City
Tulsa
Miami

15

Top 12 shown (full list below)

Lawton
Stillwater
Ardmore
Durant
Muskogee
Altus
Shawnee
Tahlequah
Duncan
Ponca City
Fort Smith
Weatherford

COUNTY LAST WEEK

10

Oklahoma
Tulsa
Canadian
McCurtain
Rogers
Wagoner
Ottawa
Okmulgee
Adair
Pushmataha

38

Top 12 shown (full list below)

Cleveland
Comanche
Payne
Delaware
McClain
Bryan
Muskogee
Jackson
Carter
Creek
Pottawatomie
Garvin

All Yellow CBSAs: Lawton, Stillwater, Ardmore, Durant, Muskogee, Altus, Shawnee, Tahlequah, Duncan, Ponca City, Fort Smith, Weatherford, McAlester, Guymon, Elk City

All Yellow Counties: Cleveland, Comanche, Payne, Delaware, McClain, Muskogee, Bryan, Jackson, Carter, Creek, Pottawatomie, Garvin, Osage, Mayes, Logan, Cherokee, Stephens, Kay, Le Flore, McIntosh, Custer, Seminole, Caddo, Kingfisher, Pittsburg, Choctaw, Atoka, Texas, Noble, Craig, Jefferson, Beckham, Haskell, Major, Nowata, Coal, Woods, Roger Mills

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 a diagnostic test positivity result above 10%.

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

Note: Top 12 locations are selected based on the highest number of new cases in the last three weeks.

DATA SOURCES

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 7/17/2020; last week is 7/11 - 7/17, three weeks is 6/27 - 7/17.

Testing: HHS Protect laboratory data (provided directly to Federal Government from public health labs, hospital labs, and commercial labs) through 7/15/2020. Last week is 7/9 - 7/15. Testing data may be backfilled over time, resulting in changes week-to-week in testing data. It is critical that states provide as up-to-date testing data as possible.

POLICY RECOMMENDATIONS FOR COUNTIES IN THE RED ZONE

Public Messaging

- Wear a mask at all times outside the home and maintain physical distance
- Limit social gatherings to 10 people or fewer
- Do not go to bars, nightclubs, or gyms
- Use take out or eat outdoors socially distanced
- Protect anyone with serious medical conditions at home by social distancing at home and using high levels of personal hygiene, including handwashing and cleaning surfaces
- Reduce your public interactions and activities to 25% of your normal activity

Public Officials

- Close bars and gyms, and create outdoor dining opportunities with pedestrian areas
- Limit social gatherings to 10 people or fewer
- Institute routine weekly testing of all workers in assisted living and long-term care facilities. Require masks for all staff and prohibit visitors
- Ensure that all business retailers and personal services require masks and can safely social distance
- Increase messaging on the risk of serious disease for individuals in all age groups with preexisting obesity, hypertension, and diabetes mellitus, and recommend to shelter in place
- Work with local community groups to provide targeted, tailored messaging to communities with high case rates, and increase community level testing
- Recruit more contact tracers as community outreach workers to ensure all cases are contacted and all positive households are individually tested within 24 hours
- Provide isolation facilities outside of households if COVID-positive individuals can't quarantine successfully

Testing

- Move to community-led neighborhood testing and work with local community groups to increase access to testing
- Surge testing and contact tracing resources to neighborhoods and zip codes with highest case rates
- **Diagnostic pooling:** Laboratories should use pooling of samples to increase testing access and reduce turnaround times to under 12 hours. Consider pools of 2-3 individuals in high incidence settings and 5:1 pools in setting where test positivity is under 10%
- **Surveillance pooling:** For family and cohabitating households, screen entire households in a single test by pooling specimens of all members into single collection device

POLICY RECOMMENDATIONS FOR COUNTIES IN THE YELLOW ZONE IN ORDER TO PREEMPT EXPONENTIAL COMMUNITY SPREAD

Public Messaging

- Wear a mask at all times outside the home and maintain physical distance
- Limit social gatherings to 25 people or fewer
- Do not go to bars or nightclubs
- Use take out, outdoor dining or indoor dining when strict social distancing can be maintained
- Protect anyone with serious medical conditions at home by social distancing at home and using high levels of personal hygiene
- Reduce your public interactions and activities to 50% of your normal activity

Public Officials

- Limit gyms to 25% occupancy and close bars until percent positive rates are under 3%; create outdoor dining opportunities with pedestrian areas
- Limit social gatherings to 25 people or fewer
- Institute routine weekly testing of all workers in assisted living and long-term care facilities. Require masks for all staff and prohibit visitors
- Ensure that all business retailers and personal services require masks and can safely social distance
- Increase messaging on the risk of serious disease for individuals in all age groups with preexisting obesity, hypertension, and diabetes mellitus, and recommend to shelter in place
- Work with local community groups to provide targeted, tailored messaging to communities with high case rates, and increase community level testing
- Recruit more contact tracers as community outreach workers to ensure all cases are contacted and all positive households are individually tested within 24 hours
- Provide isolation facilities outside of households if COVID-positive individuals can't quarantine successfully

Testing

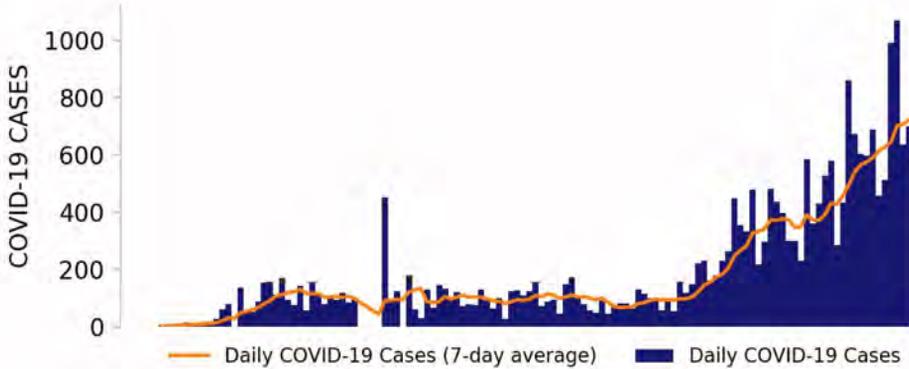
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- Surge testing and contact tracing resources to neighborhoods and zip codes with highest case rates
- **Diagnostic pooling:** Laboratories should use pooling of samples to increase testing access and reduce turnaround times to under 12 hours. Consider pools of 3-5 individuals
- **Surveillance pooling:** For family and cohabitating households, screen entire households in a single test by pooling specimens of all members into single collection device



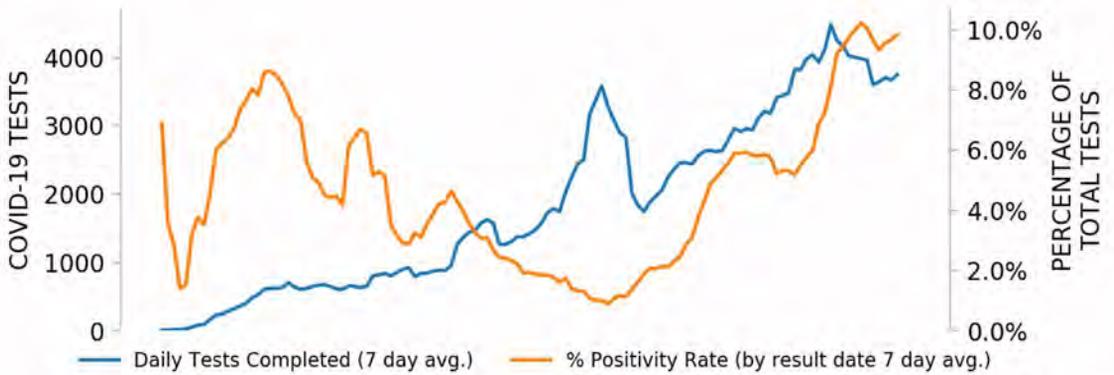
OKLAHOMA

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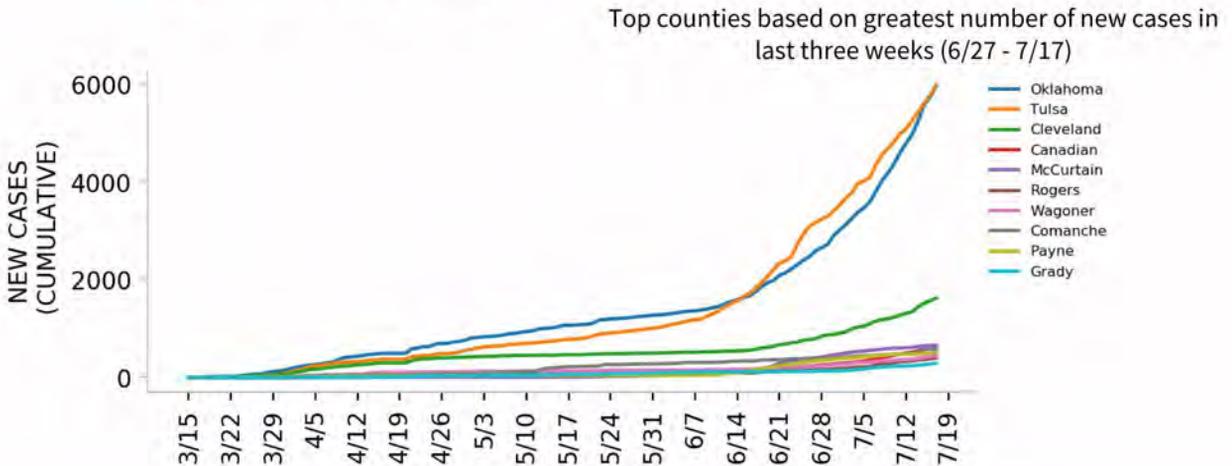
NEW CASES



TESTING



TOP COUNTIES



DATA SOURCES

Cases: County-level data from USAFacts. 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 7/17/2020.

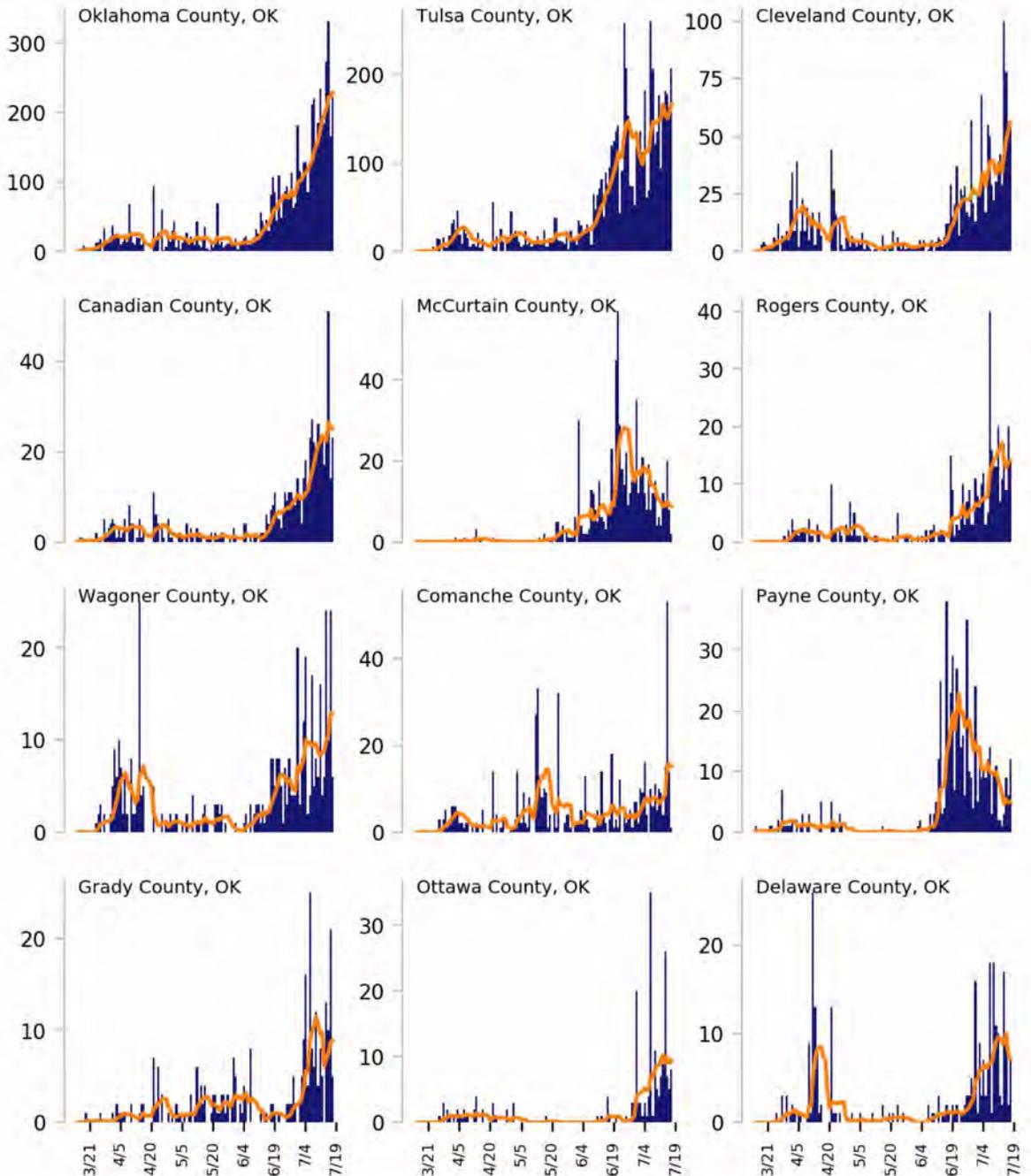
Testing: HHS Protect laboratory data (provided directly to Federal Government from public health labs, hospital labs, and commercial labs) through 7/15/2020.



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



DATA SOURCES

Cases: County-level data from USAFacts through 7/17/2020. Last 3 weeks is 6/27 - 7/17.

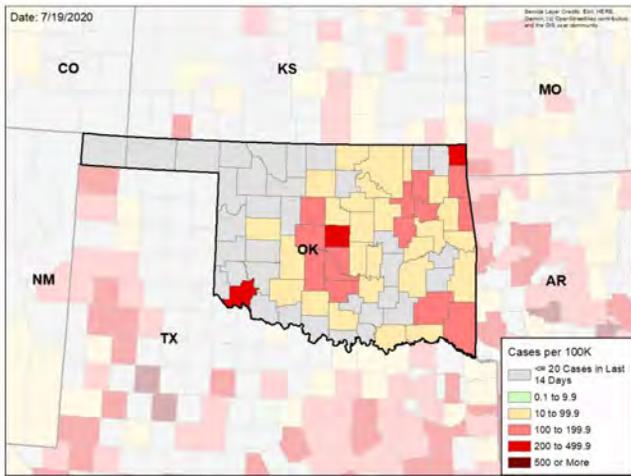


OKLAHOMA

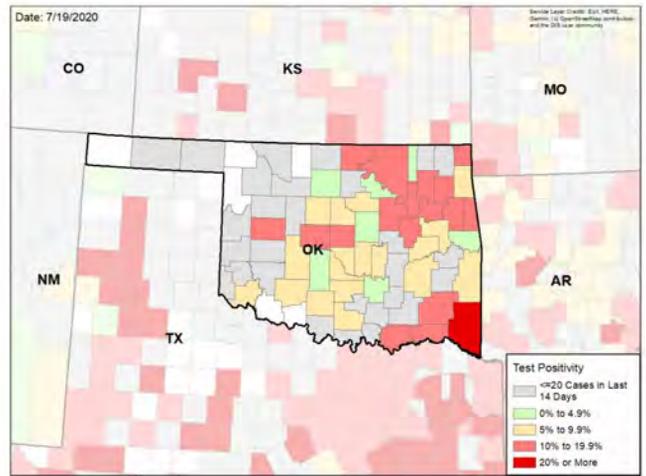
STATE REPORT | 07.19.2020

CASE RATES AND DIAGNOSTIC TEST POSITIVITY DURING THE LAST WEEK

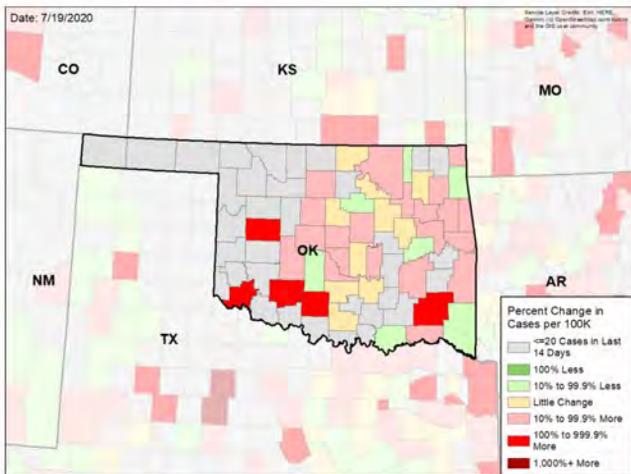
NEW CASES PER 100,000 DURING LAST WEEK



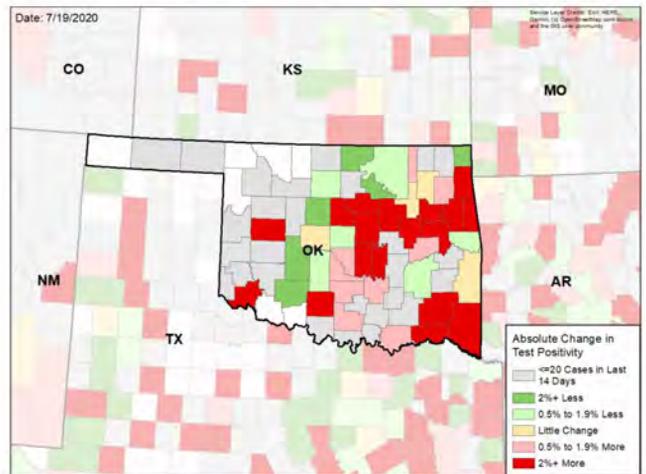
TEST POSITIVITY DURING LAST WEEK



WEEKLY % CHANGE IN NEW CASES PER 100K



WEEKLY CHANGE IN TEST POSITIVITY



DATA SOURCES

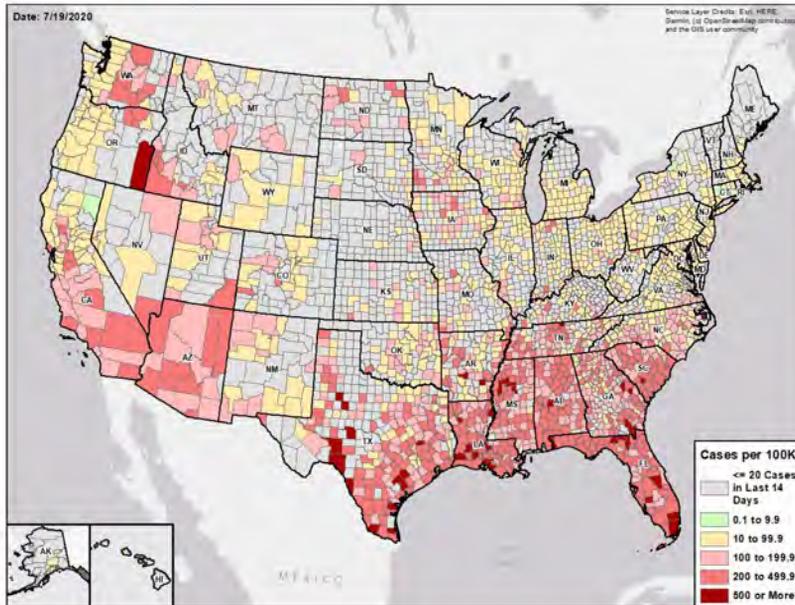
Cases: County-level data from USAFacts through 7/17/2020. Last week is 7/11 - 7/17, previous week is 7/4 - 7/10

Testing: HHS Protect laboratory data (provided directly to Federal Government from public health labs, hospital labs, and commercial labs) through 7/15/2020. Last week is 7/9 - 7/15, previous week is 7/2 - 7/8. Testing data may be backfilled over time, resulting in changes week-to-week in testing data. It is critical that states provide as up-to-date testing data as possible.

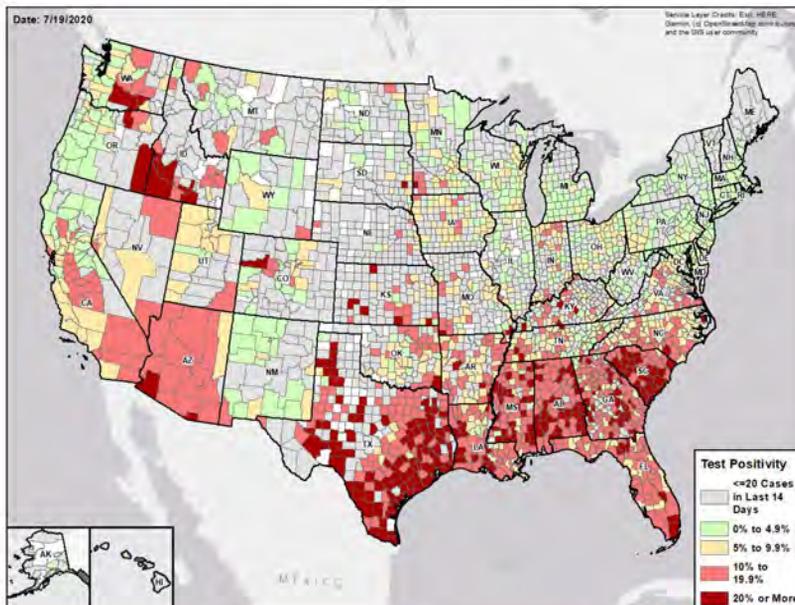


National Picture

NEW CASES PER 100,000 LAST WEEK



TEST POSITIVITY LAST WEEK



DATA SOURCES

Cases: County-level data from USAFacts through 7/17/2020. Last week is 7/11 - 7/17

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 7/15/2020. Last week is 7/9 - 7/15. Testing data may be backfilled over time, resulting in changes week-to-week in testing data. It is critical that states provide as up-to-date testing data as possible.



Methods

STATE REPORT | 07.19.2020

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)

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	<0.5	0.5-2	>2
Percent change in deaths per 100,000 population	<-10%	-10% - 10%	>10%
Skilled Nursing Facilities with at least one COVID-19 case	0%	0.1%-5%	>5%
Change in SNFs with at least one COVID-19 case	<-0.5%	-0.5%-0.5%	>0.5%

DATA NOTES

- Cases and deaths:** County-level data from USAFacts as of 13:00 EDT on 07/18/2020. 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 7/11 to 7/17; previous week data are from 7/4 to 7/10.
- Testing:** CELR (COVID-19 Electronic Lab Reporting) state health department-reported data are used to describe state-level totals when able to be disaggregated from serology test results and to describe county-level 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. Total diagnostic tests are the number of tests performed, not the number of individuals tested. Diagnostic test positivity rate is the number of positive tests divided by the number of tests performed and resulted. Last week data are from 7/9 to 7/15; previous week data are from 7/2 to 7/8. HHS Protect data is recent as of 16:30 EDT on 07/19/2020. Testing data are inclusive of everything received and processed by the CELR system as of 14:00 EDT on 07/19/2020. Testing data may be backfilled over time, resulting in changes week-to-week in testing data. It is critical that states provide as up-to-date testing data as possible.
- 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; 100% represents the baseline mobility level. Data is recent as of 13:00 EDT on 07/18/2020 and through 7/16/2020.
- 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.
- Skilled Nursing Facilities:** National Healthcare Safety Network (NHSN). 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 analysis. Also note that data presented by NHSN is more recent than the data publicly posted by CMS. Therefore, data presented may differ slightly from those publicly posted by CMS.



OREGON

STATE REPORT | 07.19.2020

SUMMARY

- Oregon is in the yellow zone for cases, indicating between 10 to 100 new cases per 100,000 population last week, and the green zone for test positivity, indicating a rate below 5%.
- Oregon has seen an increase in new cases and stability in testing positivity over the past week.
- The following three counties had the highest number of new cases over the past 3 weeks: 1. Multnomah County, 2. Washington County, and 3. Umatilla County. These counties represent 50.3 percent of new cases in Oregon.
- Oregon had 56 new cases per 100,000 population in the past week, compared to a national average of 140 per 100,000.
- The federal government has deployed the following staff as assets to support the state response: 30 to support operations activities from FEMA; 5 to support operations activities from USCG; and 1 to support medical activities from VA.
- During Jul 15 - Jul 17, on average, 12 patients with confirmed COVID-19 and 45 patients with suspected COVID-19 were reported newly admitted each day to hospitals in Oregon. An average of 66 percent of hospitals reported 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

- Continue to require face masks and promote social distancing for people outside of their homes, particularly in indoor settings.
- In counties with 7-day average test positivity greater than 5%, close bars, restrict gyms to 25% occupancy and ensure social distancing at restaurants (emphasizing outdoor dining over indoor).
- Protect those in nursing homes and long-term care facilities by testing all staff each week and requiring staff to wear face masks.
- In counties with elevated or increasing transmission, such as Deschutes, Jefferson, Malheur, Marion, Multnomah, Umatilla, and Washington counties, implement community-led testing and work with local community groups to increase testing access. Consider pooled testing as described below to increase access and reduce turnaround times.
- Continue vigorous case investigation with early quarantine of contacts and isolation of known or suspected cases, especially in counties with elevated or increasing transmission.
- Increase messaging of the risk of serious disease in all age groups with preexisting medical conditions, including obesity, hypertension, and diabetes mellitus.
- Specific, detailed guidance on community mitigation measures can be found on the [CDC website](#).

The purpose of this report is to develop a shared understanding of the current status of the pandemic at the national, regional, state and local levels. We recognize that data at the state level may differ from that available at the federal level. Our objective is to use consistent data sources and methods that allow for comparisons to be made across localities. We appreciate your continued support in identifying data discrepancies and improving data completeness and sharing across systems. We look forward to your feedback.

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COVID-19

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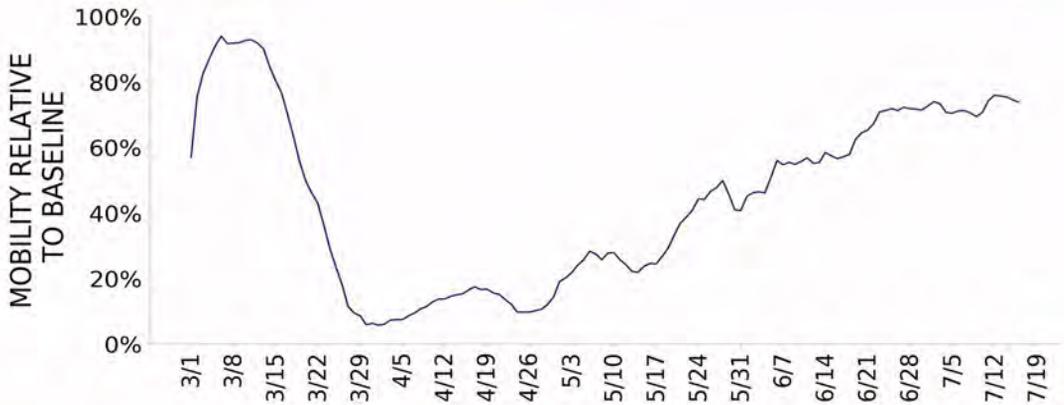


OREGON

STATE REPORT | 07.19.2020

	STATE, LAST WEEK	STATE, % CHANGE FROM PREVIOUS WEEK	FEMA/HHS REGION, LAST WEEK	UNITED STATES, LAST WEEK
NEW CASES (RATE PER 100,000)	2,344 (56)	+28.6%	12,456 (87)	460,366 (140)
DIAGNOSTIC TEST POSITIVITY RATE	5.0%	-0.1%*	10.0%	9.1%
TOTAL DIAGNOSTIC TESTS (TESTS PER 100,000)	63,790 (1,512)	+21.2%	176,868 (1,232)	4,940,998 (1,505)
COVID DEATHS (RATE PER 100,000)	22 (1)	-4.3%	83 (1)	5,122 (2)
SNFs WITH AT LEAST ONE COVID-19 CASE	2.4%	-0.2%	5.3%	10.0%

MOBILITY



* Indicates absolute change in percentage points

DATA SOURCES

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 7/17/2020; last week is 7/11 - 7/17, previous week is 7/4 - 7/10.

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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; 100% represents the baseline mobility level. Data is anonymized and provided at the county level. Data through 7/16/2020.

SNFs: Skilled nursing facilities. National Healthcare Safety Network. Last week is 7/6-7/12, previous week is 6/29-7/5.



OREGON

STATE REPORT | 07.19.2020

LOCALITIES IN RED ZONE

LOCALITIES IN YELLOW ZONE

METRO AREA (CBSA) LAST WEEK

2

Hermiston-Pendleton
Ontario

3

Salem
La Grande
Hood River

COUNTY LAST WEEK

3

Umatilla
Malheur
Morrow

7

Multnomah
Washington
Marion
Jefferson
Union
Hood River
Gilliam

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 a diagnostic test positivity result above 10%.

Yellow Zone: Those core-based statistical areas (CBSAs) and counties that during the last week reported both new cases between 10-100 per 100,000 population, and a diagnostic test positivity result between 5-10%, or one of those two conditions and one condition qualifying as being in the “Red Zone.”

Note: Top 12 locations are selected based on the highest number of new cases in the last three weeks.

DATA SOURCES

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 7/17/2020; last week is 7/11 - 7/17, three weeks is 6/27 - 7/17.

Testing: CELR (COVID-19 Electronic Lab Reporting) state health department-reported data through 7/15/2020. Last week is 7/9 - 7/15. Testing data may be backfilled over time, resulting in changes week-to-week in testing data. It is critical that states provide as up-to-date testing data as possible.

POLICY RECOMMENDATIONS FOR COUNTIES IN THE RED ZONE

Public Messaging

- Wear a mask at all times outside the home and maintain physical distance
- Limit social gatherings to 10 people or fewer
- Do not go to bars, nightclubs, or gyms
- Use take out or eat outdoors socially distanced
- Protect anyone with serious medical conditions at home by social distancing at home and using high levels of personal hygiene, including handwashing and cleaning surfaces
- Reduce your public interactions and activities to 25% of your normal activity

Public Officials

- Close bars and gyms, and create outdoor dining opportunities with pedestrian areas
- Limit social gatherings to 10 people or fewer
- Institute routine weekly testing of all workers in assisted living and long-term care facilities. Require masks for all staff and prohibit visitors
- Ensure that all business retailers and personal services require masks and can safely social distance
- Increase messaging on the risk of serious disease for individuals in all age groups with preexisting obesity, hypertension, and diabetes mellitus, and recommend to shelter in place
- Work with local community groups to provide targeted, tailored messaging to communities with high case rates, and increase community level testing
- Recruit more contact tracers as community outreach workers to ensure all cases are contacted and all positive households are individually tested within 24 hours
- Provide isolation facilities outside of households if COVID-positive individuals can't quarantine successfully

Testing

- Move to community-led neighborhood testing and work with local community groups to increase access to testing
- Surge testing and contact tracing resources to neighborhoods and zip codes with highest case rates
- **Diagnostic pooling:** Laboratories should use pooling of samples to increase testing access and reduce turnaround times to under 12 hours. Consider pools of 2-3 individuals in high incidence settings and 5:1 pools in setting where test positivity is under 10%
- **Surveillance pooling:** For family and cohabitating households, screen entire households in a single test by pooling specimens of all members into single collection device

POLICY RECOMMENDATIONS FOR COUNTIES IN THE YELLOW ZONE IN ORDER TO PREEMPT EXPONENTIAL COMMUNITY SPREAD

Public Messaging

- Wear a mask at all times outside the home and maintain physical distance
- Limit social gatherings to 25 people or fewer
- Do not go to bars or nightclubs
- Use take out, outdoor dining or indoor dining when strict social distancing can be maintained
- Protect anyone with serious medical conditions at home by social distancing at home and using high levels of personal hygiene
- Reduce your public interactions and activities to 50% of your normal activity

Public Officials

- Limit gyms to 25% occupancy and close bars until percent positive rates are under 3%; create outdoor dining opportunities with pedestrian areas
- Limit social gatherings to 25 people or fewer
- Institute routine weekly testing of all workers in assisted living and long-term care facilities. Require masks for all staff and prohibit visitors
- Ensure that all business retailers and personal services require masks and can safely social distance
- Increase messaging on the risk of serious disease for individuals in all age groups with preexisting obesity, hypertension, and diabetes mellitus, and recommend to shelter in place
- Work with local community groups to provide targeted, tailored messaging to communities with high case rates, and increase community level testing
- Recruit more contact tracers as community outreach workers to ensure all cases are contacted and all positive households are individually tested within 24 hours
- Provide isolation facilities outside of households if COVID-positive individuals can't quarantine successfully

Testing

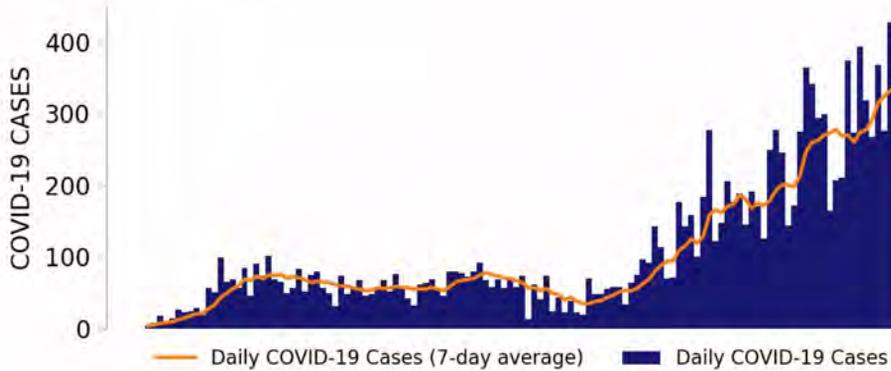
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- **Surveillance pooling:** For family and cohabitating households, screen entire households in a single test by pooling specimens of all members into single collection device



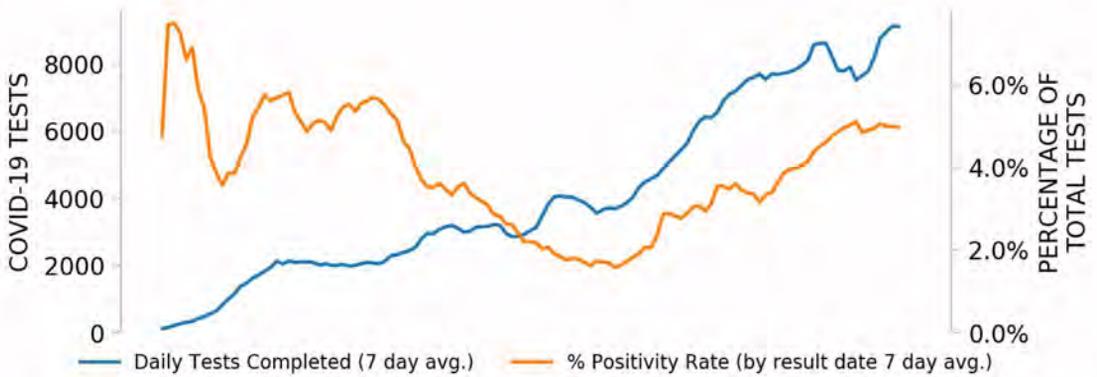
OREGON

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NEW CASES

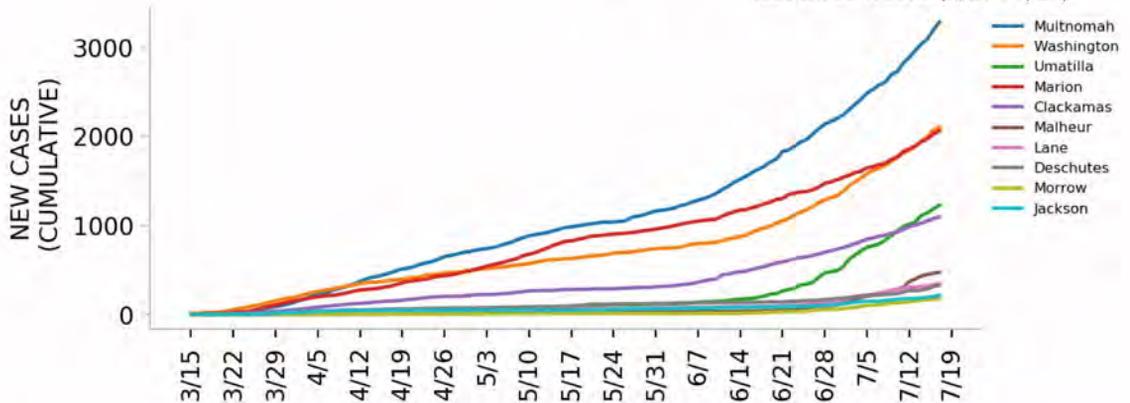


TESTING



Top counties based on greatest number of new cases in last three weeks (6/27 - 7/17)

TOP COUNTIES



DATA SOURCES

Cases: County-level data from USAFacts. 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 7/17/2020.

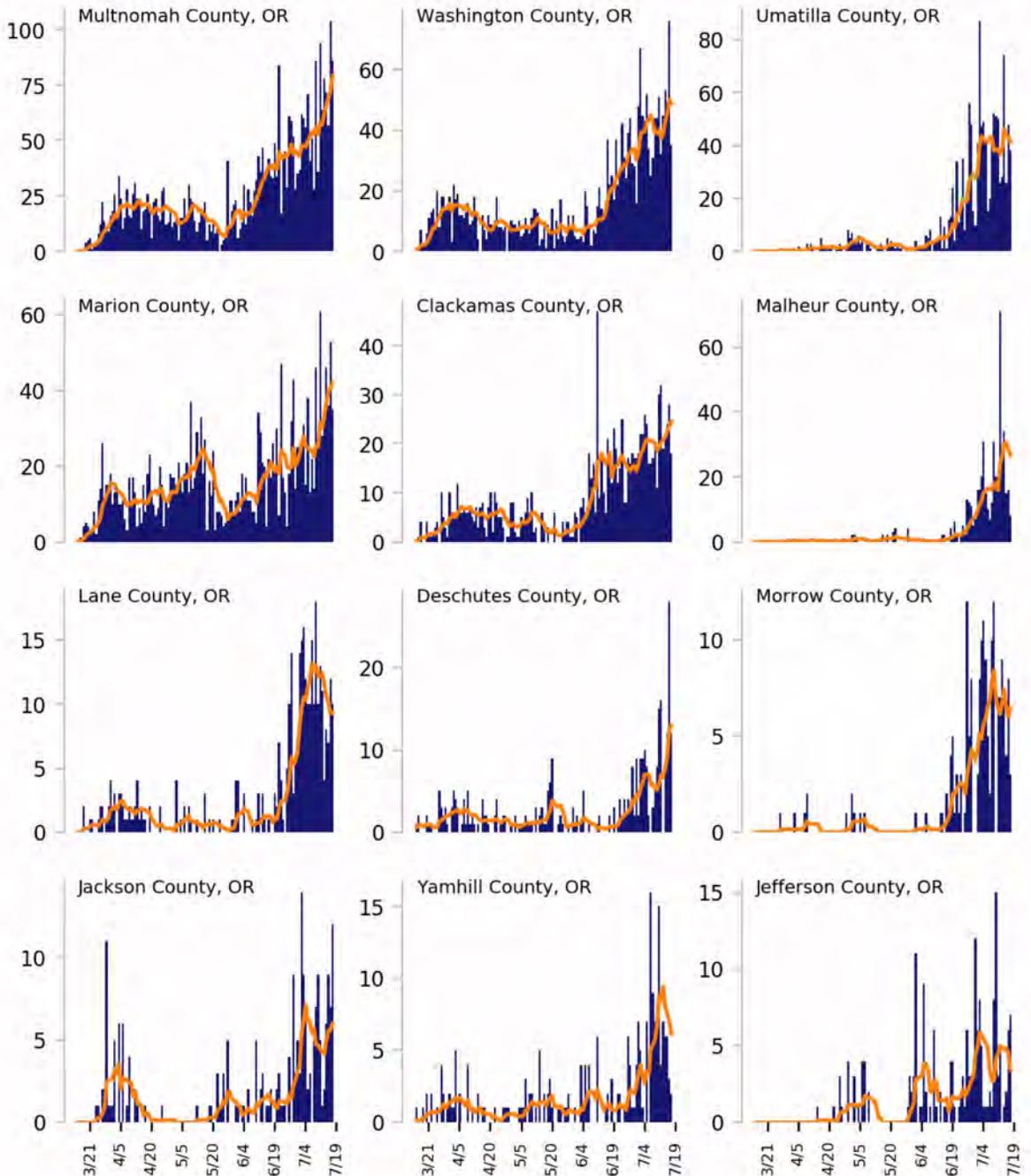
Testing: CELR (COVID-19 Electronic Lab Reporting) state health department-reported data through 7/15/2020.



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



DATA SOURCES

Cases: County-level data from USAFacts through 7/17/2020. Last 3 weeks is 6/27 - 7/17.

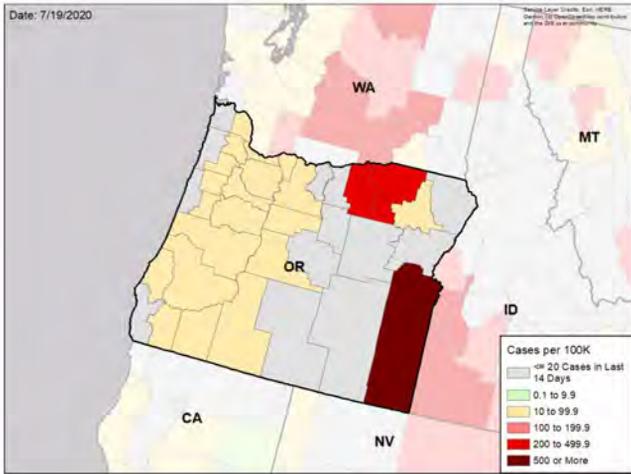


OREGON

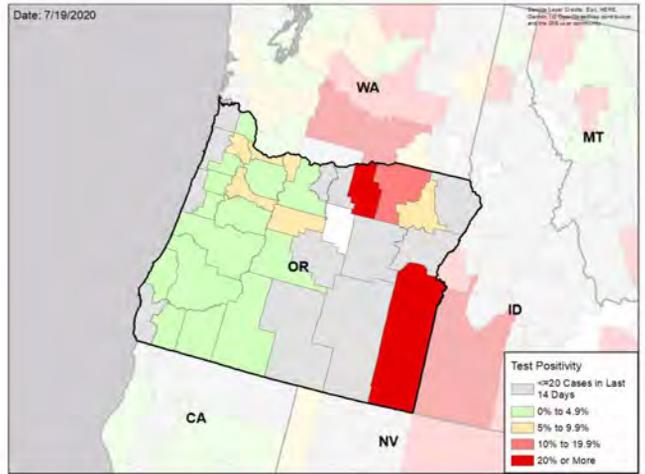
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CASE RATES AND DIAGNOSTIC TEST POSITIVITY DURING THE LAST WEEK

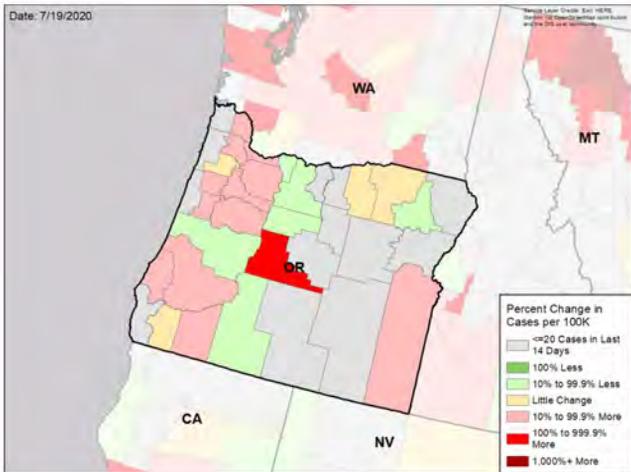
NEW CASES PER 100,000 DURING LAST WEEK



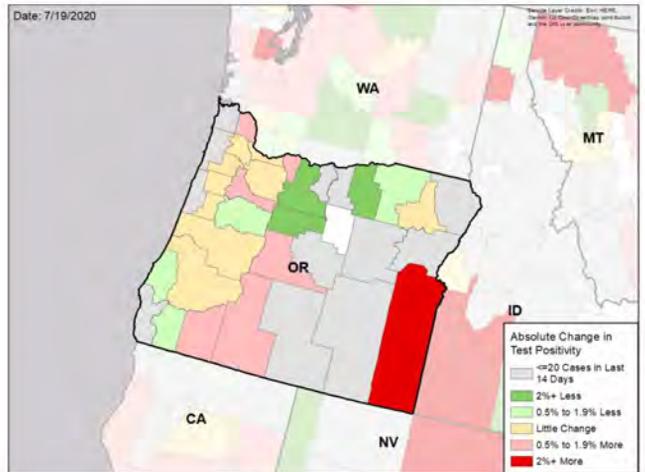
TEST POSITIVITY DURING LAST WEEK



WEEKLY % CHANGE IN NEW CASES PER 100K



WEEKLY CHANGE IN TEST POSITIVITY



DATA SOURCES

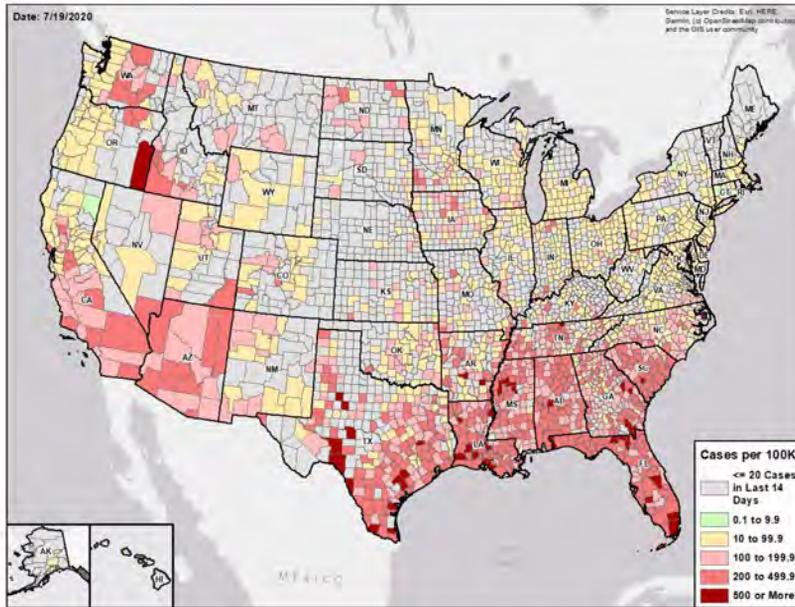
Cases: County-level data from USAFacts through 7/17/2020. Last week is 7/11 - 7/17, previous week is 7/4 - 7/10

Testing: CELR (COVID-19 Electronic Lab Reporting) state health department-reported data through 7/15/2020. Last week is 7/9 - 7/15, previous week is 7/2 - 7/8. Testing data may be backfilled over time, resulting in changes week-to-week in testing data. It is critical that states provide as up-to-date testing data as possible.

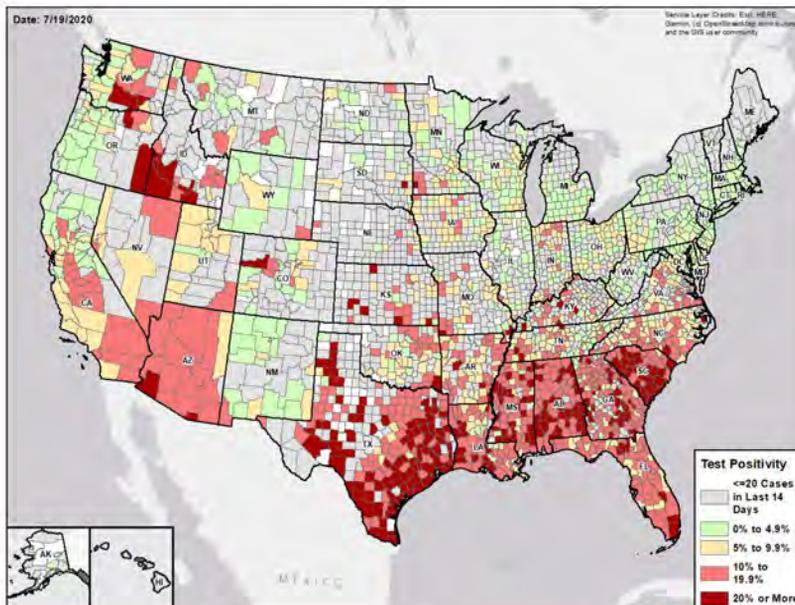


National Picture

NEW CASES PER 100,000 LAST WEEK



TEST POSITIVITY LAST WEEK



DATA SOURCES

Cases: County-level data from USAFacts through 7/17/2020. Last week is 7/11 - 7/17

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 7/15/2020. Last week is 7/9 - 7/15. Testing data may be backfilled over time, resulting in changes week-to-week in testing data. It is critical that states provide as up-to-date testing data as possible.



Methods

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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	<0.5	0.5-2	>2
Percent change in deaths per 100,000 population	<-10%	-10% - 10%	>10%
Skilled Nursing Facilities with at least one COVID-19 case	0%	0.1%-5%	>5%
Change in SNFs with at least one COVID-19 case	<-0.5%	-0.5%-0.5%	>0.5%

DATA NOTES

- Cases and deaths:** County-level data from USAFacts as of 13:00 EDT on 07/18/2020. 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 7/11 to 7/17; previous week data are from 7/4 to 7/10.
- Testing:** CELR (COVID-19 Electronic Lab Reporting) state health department-reported data are used to describe state-level totals when able to be disaggregated from serology test results and to describe county-level 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. Total diagnostic tests are the number of tests performed, not the number of individuals tested. Diagnostic test positivity rate is the number of positive tests divided by the number of tests performed and resulted. Last week data are from 7/9 to 7/15; previous week data are from 7/2 to 7/8. HHS Protect data is recent as of 16:30 EDT on 07/19/2020. Testing data are inclusive of everything received and processed by the CELR system as of 14:00 EDT on 07/19/2020. Testing data may be backfilled over time, resulting in changes week-to-week in testing data. It is critical that states provide as up-to-date testing data as possible.
- 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; 100% represents the baseline mobility level. Data is recent as of 13:00 EDT on 07/18/2020 and through 7/16/2020.
- 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.
- Skilled Nursing Facilities:** National Healthcare Safety Network (NHSN). 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 analysis. Also note that data presented by NHSN is more recent than the data publicly posted by CMS. Therefore, data presented may differ slightly from those publicly posted by CMS.



PENNSYLVANIA

STATE REPORT | 07.19.2020

SUMMARY

- Pennsylvania is in the yellow zone for cases, indicating between 10 to 100 new cases per 100,000 population last week, and the green zone for test positivity, indicating a rate below 5%.
- Pennsylvania has seen stability in new cases and stability in testing positivity over the past week.
- The following three counties had the highest number of new cases over the past 3 weeks: 1. Allegheny County, 2. Philadelphia County, and 3. Montgomery County. These counties represent 44.5 percent of new cases in Pennsylvania.
- Pennsylvania had 44 new cases per 100,000 population in the past week, compared to a national average of 140 per 100,000.
- The federal government has deployed the following staff as assets to support the state response: 65 to support operations activities from FEMA; 4 to support epidemiology activities from ASPR; 16 to support operations activities from ASPR; 3 from CDC; 1 to support operations activities from USCG; and 5 to support medical activities from VA.
- During Jul 15 - Jul 17, on average, 53 patients with confirmed COVID-19 and 265 patients with suspected COVID-19 were reported as newly admitted each day to hospitals in Pennsylvania. An average of 52 percent of hospitals reported 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

- Cases and test positivity are rising in Allegheny; keep bars closed and limit indoor dining until there is a decrease in cases and positivity.
- Keep public mask mandate in place.
- Protect vulnerable populations in assisted living and long-term care facilities through weekly testing of all workers and requiring masks. In facilities with workers who tested positive, ensure all residents have been tested and appropriate cohorting measures are in place.
- Continue to scale contact tracing and ensure the ability of cases and contacts to quarantine or isolate safely.
- Monitor testing data to identify additional sites of increased transmission and focus public health resources on them.
- Ensure COVID-19 diagnostic testing continues to expand, specifically in the metro areas. Work with hospitals to ensure COVID-19 test results are immediately available for timely use of therapeutics.
- Specific, detailed guidance on community mitigation measures can be found on the [CDC website](#).

The purpose of this report is to develop a shared understanding of the current status of the pandemic at the national, regional, state and local levels. We recognize that data at the state level may differ from that available at the federal level. Our objective is to use consistent data sources and methods that allow for comparisons to be made across localities. We appreciate your continued support in identifying data discrepancies and improving data completeness and sharing across systems. We look forward to your feedback.

** This figure may differ from state data due to differences in hospital lists between federal and state systems or inclusion of hospitals that are not admitting COVID-19 patients. We are working to incorporate feedback on an ongoing basis to update these figures. These data exclude psychiatric, rehabilitation, and religious non-medical hospitals.*



COVID-19

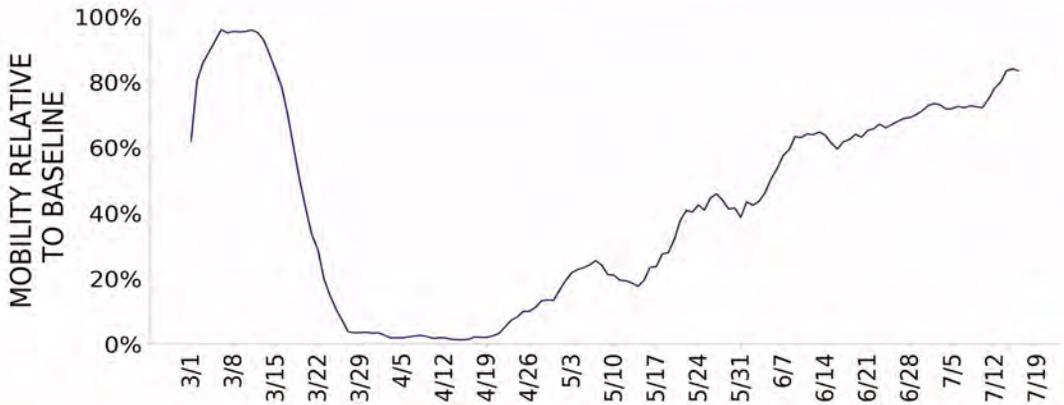


PENNSYLVANIA

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	STATE, LAST WEEK	STATE, % CHANGE FROM PREVIOUS WEEK	FEMA/HHS REGION, LAST WEEK	UNITED STATES, LAST WEEK
NEW CASES (RATE PER 100,000)	5,601 (44)	+9.0%	19,501 (63)	460,366 (140)
DIAGNOSTIC TEST POSITIVITY RATE	4.8%	+0.0%*	6.8%	9.1%
TOTAL DIAGNOSTIC TESTS (TESTS PER 100,000)	147,887 (1,155)	+8.6%	459,561 (1,489)	4,940,998 (1,505)
COVID DEATHS (RATE PER 100,000)	112 (1)	-17.0%	234 (1)	5,122 (2)
SNFs WITH AT LEAST ONE COVID-19 CASE	9.4%	-0.8%	8.2%	10.0%

MOBILITY



* Indicates absolute change in percentage points

DATA SOURCES

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 7/17/2020; last week is 7/11 - 7/17, previous week is 7/4 - 7/10.

Testing: State-level values calculated by using 7-day rolling averages of reported tests. Regional- and national-level values calculated by using a 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 7/15/2020. Last week is 7/9 - 7/15, previous week is 7/2 - 7/8. Testing data are inclusive of everything received and processed by the CELR system as of 14:00 EDT on 07/19/2020. Some dates may be incomplete due to delays in reporting. Testing data may be backfilled over time, resulting in changes week-to-week in testing data. It is critical that states provide as up-to-date testing data as possible.

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; 100% represents the baseline mobility level. Data is anonymized and provided at the county level. Data through 7/16/2020.

SNFs: Skilled nursing facilities. National Healthcare Safety Network. Last week is 7/6-7/12, previous week is 6/29-7/5.



PENNSYLVANIA

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LOCALITIES IN RED ZONE

LOCALITIES IN YELLOW ZONE

METRO AREA (CBSA) LAST WEEK

0	N/A
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5	Pittsburgh York-Hanover Lebanon New Castle Indiana
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COUNTY LAST WEEK

0	N/A
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15	Allegheny Philadelphia Chester York Westmoreland Dauphin Washington Beaver Lebanon Fayette Lawrence Mercer
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Top 12 shown (full list below)

All Yellow Counties: Allegheny, Philadelphia, Chester, York, Westmoreland, Dauphin, Washington, Beaver, Lebanon, Fayette, Lawrence, Mercer, Indiana, Greene, Clarion

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 a diagnostic test positivity result above 10%.

Yellow Zone: Those core-based statistical areas (CBSAs) and counties that during the last week reported both new cases between 10-100 per 100,000 population, and a diagnostic test positivity result between 5-10%, or one of those two conditions and one condition qualifying as being in the “Red Zone.”

Note: Top 12 locations are selected based on the highest number of new cases in the last three weeks.

DATA SOURCES

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 7/17/2020; last week is 7/11 - 7/17, three weeks is 6/27 - 7/17.

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POLICY RECOMMENDATIONS FOR COUNTIES IN THE RED ZONE

Public Messaging

- Wear a mask at all times outside the home and maintain physical distance
- Limit social gatherings to 10 people or fewer
- Do not go to bars, nightclubs, or gyms
- Use take out or eat outdoors socially distanced
- Protect anyone with serious medical conditions at home by social distancing at home and using high levels of personal hygiene, including handwashing and cleaning surfaces
- Reduce your public interactions and activities to 25% of your normal activity

Public Officials

- Close bars and gyms, and create outdoor dining opportunities with pedestrian areas
- Limit social gatherings to 10 people or fewer
- Institute routine weekly testing of all workers in assisted living and long-term care facilities. Require masks for all staff and prohibit visitors
- Ensure that all business retailers and personal services require masks and can safely social distance
- Increase messaging on the risk of serious disease for individuals in all age groups with preexisting obesity, hypertension, and diabetes mellitus, and recommend to shelter in place
- Work with local community groups to provide targeted, tailored messaging to communities with high case rates, and increase community level testing
- Recruit more contact tracers as community outreach workers to ensure all cases are contacted and all positive households are individually tested within 24 hours
- Provide isolation facilities outside of households if COVID-positive individuals can't quarantine successfully

Testing

- Move to community-led neighborhood testing and work with local community groups to increase access to testing
- Surge testing and contact tracing resources to neighborhoods and zip codes with highest case rates
- **Diagnostic pooling:** Laboratories should use pooling of samples to increase testing access and reduce turnaround times to under 12 hours. Consider pools of 2-3 individuals in high incidence settings and 5:1 pools in setting where test positivity is under 10%
- **Surveillance pooling:** For family and cohabitating households, screen entire households in a single test by pooling specimens of all members into single collection device

POLICY RECOMMENDATIONS FOR COUNTIES IN THE YELLOW ZONE IN ORDER TO PREEMPT EXPONENTIAL COMMUNITY SPREAD

Public Messaging

- Wear a mask at all times outside the home and maintain physical distance
- Limit social gatherings to 25 people or fewer
- Do not go to bars or nightclubs
- Use take out, outdoor dining or indoor dining when strict social distancing can be maintained
- Protect anyone with serious medical conditions at home by social distancing at home and using high levels of personal hygiene
- Reduce your public interactions and activities to 50% of your normal activity

Public Officials

- Limit gyms to 25% occupancy and close bars until percent positive rates are under 3%; create outdoor dining opportunities with pedestrian areas
- Limit social gatherings to 25 people or fewer
- Institute routine weekly testing of all workers in assisted living and long-term care facilities. Require masks for all staff and prohibit visitors
- Ensure that all business retailers and personal services require masks and can safely social distance
- Increase messaging on the risk of serious disease for individuals in all age groups with preexisting obesity, hypertension, and diabetes mellitus, and recommend to shelter in place
- Work with local community groups to provide targeted, tailored messaging to communities with high case rates, and increase community level testing
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Testing

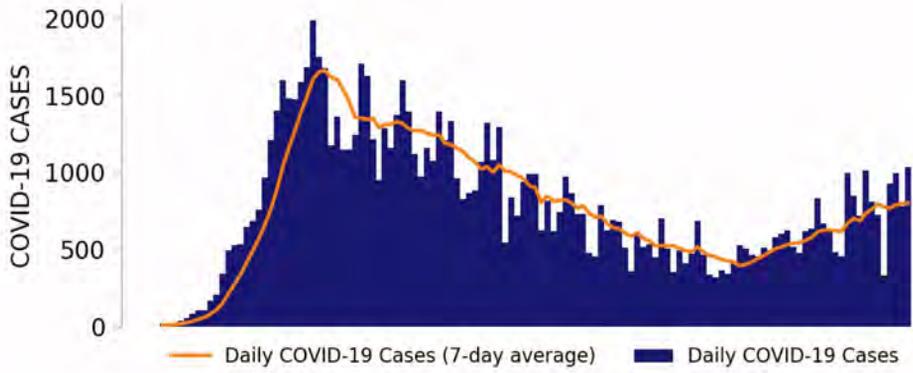
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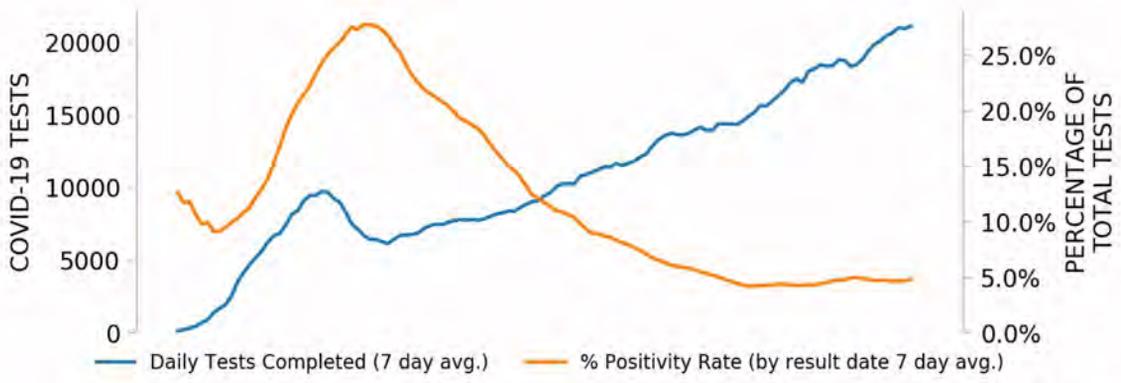
PENNSYLVANIA

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NEW CASES

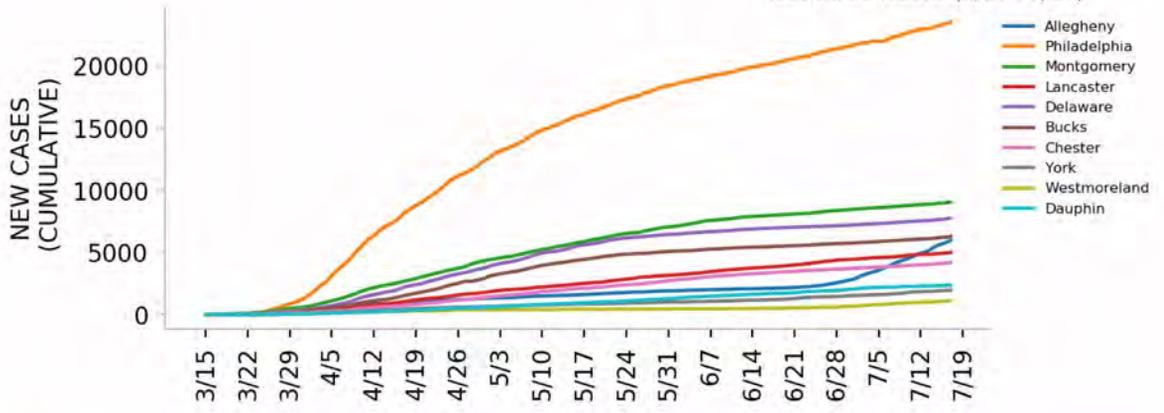


TESTING



Top counties based on greatest number of new cases in last three weeks (6/27 - 7/17)

TOP COUNTIES



DATA SOURCES

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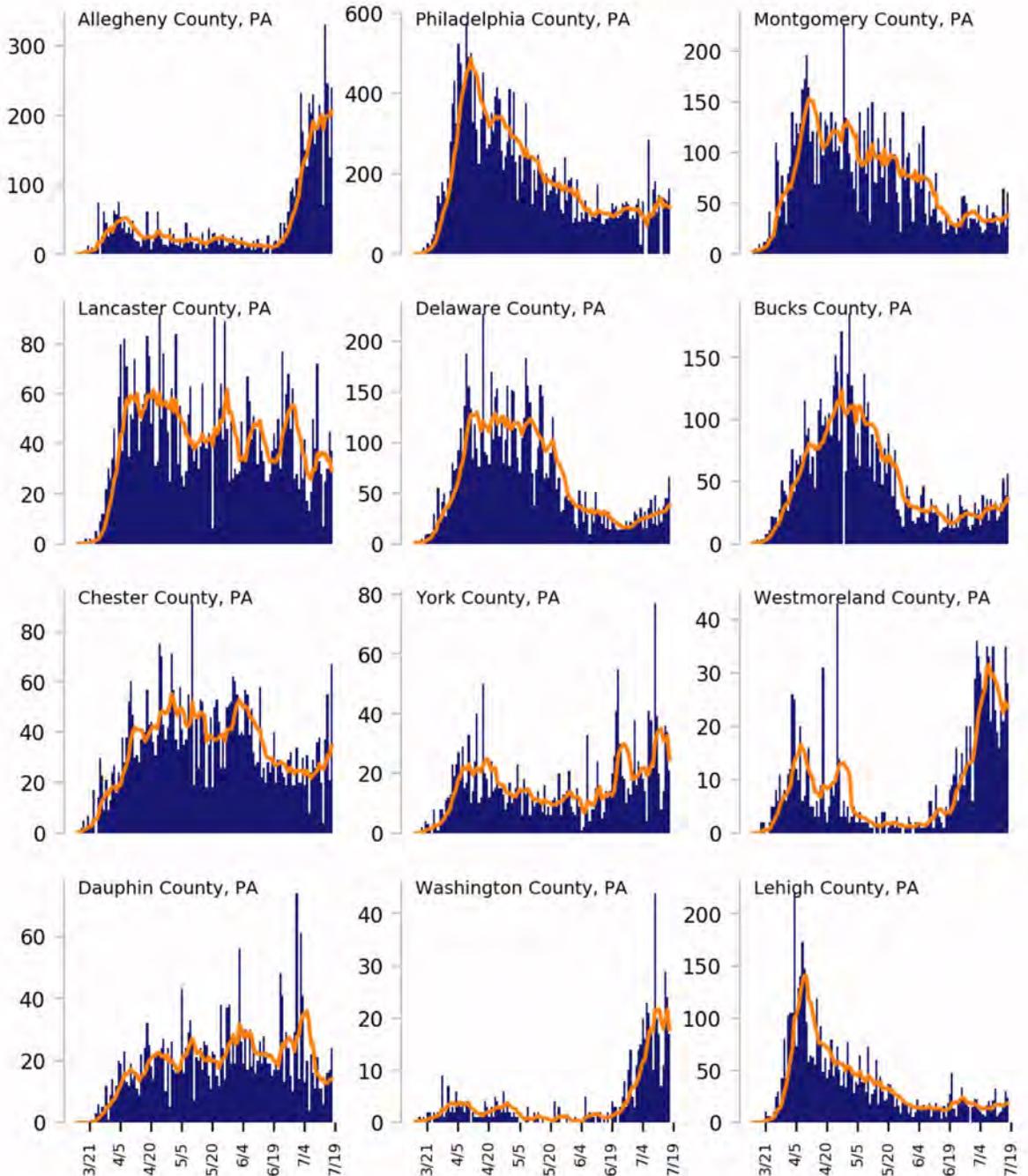
Testing: CELR (COVID-19 Electronic Lab Reporting) state health department-reported data through 7/15/2020.



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



DATA SOURCES

Cases: County-level data from USAFacts through 7/17/2020. Last 3 weeks is 6/27 - 7/17.

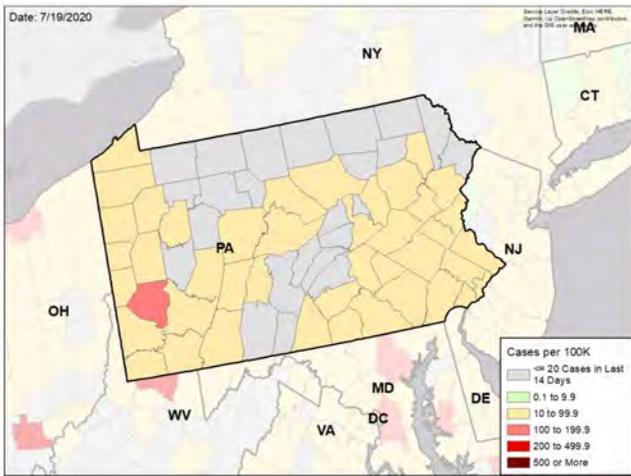


PENNSYLVANIA

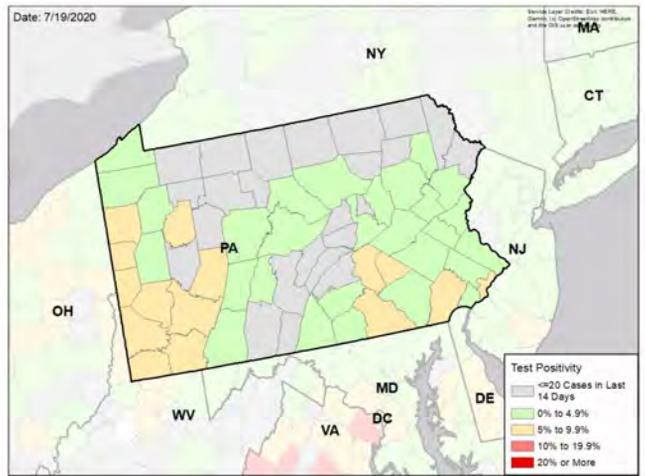
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CASE RATES AND DIAGNOSTIC TEST POSITIVITY DURING THE LAST WEEK

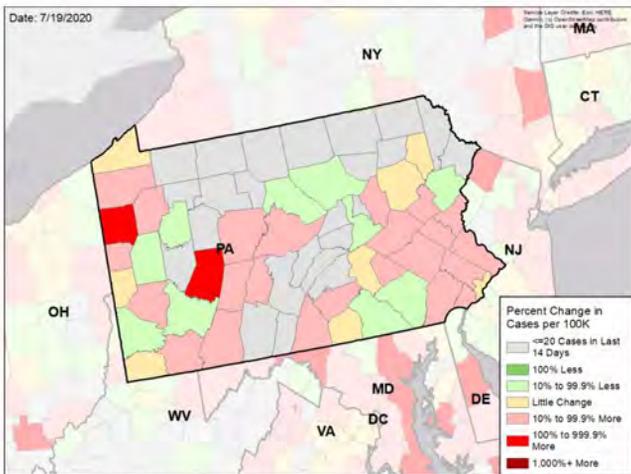
NEW CASES PER 100,000 DURING LAST WEEK



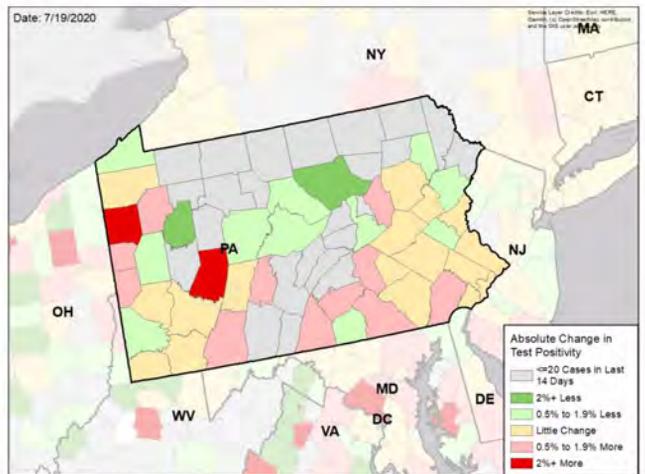
TEST POSITIVITY DURING LAST WEEK



WEEKLY % CHANGE IN NEW CASES PER 100K



WEEKLY CHANGE IN TEST POSITIVITY



DATA SOURCES

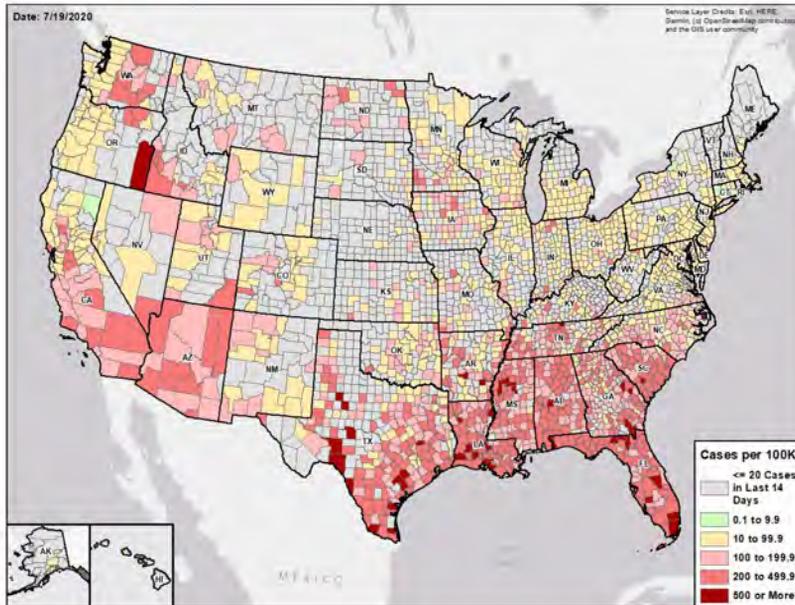
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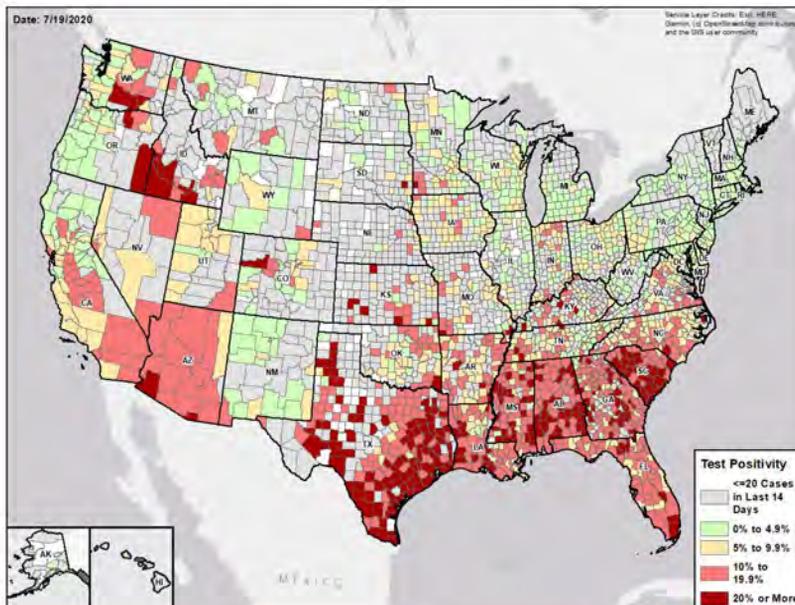


National Picture

NEW CASES PER 100,000 LAST WEEK



TEST POSITIVITY LAST WEEK



DATA SOURCES

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Methods

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Metric	Green	Yellow	Red
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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	<0.5	0.5-2	>2
Percent change in deaths per 100,000 population	<-10%	-10% - 10%	>10%
Skilled Nursing Facilities with at least one COVID-19 case	0%	0.1%-5%	>5%
Change in SNFs with at least one COVID-19 case	<-0.5%	-0.5%-0.5%	>0.5%

DATA NOTES

- Cases and deaths:** County-level data from USAFacts as of 13:00 EDT on 07/18/2020. 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 7/11 to 7/17; previous week data are from 7/4 to 7/10.
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RHODE ISLAND

STATE REPORT | 07.19.2020

SUMMARY

- Rhode Island is in the yellow zone for cases, indicating between 10 to 100 new cases per 100,000 population last week, and the green zone for test positivity, indicating a rate below 5%.
- Rhode Island has seen an increase in new cases and an increase in testing positivity over the past week.
- The following three counties had the highest number of new cases over the past 3 weeks: 1. Providence County, 2. Kent County, and 3. Newport County. These counties represent 47.2 percent of new cases in Rhode Island.
- Rhode Island had 45 new cases per 100,000 population in the past week, compared to a national average of 140 per 100,000.
- The federal government has deployed the following staff as assets to support the state response: 4 to support operations activities from FEMA and 1 to support medical activities from VA.
- During Jul 15 - Jul 17, on average, 1 patient with confirmed COVID-19 and 16 patients with suspected COVID-19 were reported as newly admitted each day to hospitals in Rhode Island. An average of 67 percent of hospitals reported 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

- Continue to promote social distancing and use of face masks for people outside of their homes, especially in indoor settings.
- Continue testing program for nursing homes and long-term care facilities and requiring all staff to wear face masks while on duty.
- Continue vigorous case investigation with contact tracing and early quarantine of contacts and isolation of all known or suspected cases.
- Continue to track cases, test percent positivity, and hospitalizations to inform interventions.
- Protect those in nursing homes and long-term care facilities by assuring access to rapid facility-wide testing in response to a resident or staff member with COVID-19. Address staff and supply shortages. Ensure social distancing and universal facemask use.
- Specific, detailed guidance on community mitigation measures can be found on the [CDC website](#).

The purpose of this report is to develop a shared understanding of the current status of the pandemic at the national, regional, state and local levels. We recognize that data at the state level may differ from that available at the federal level. Our objective is to use consistent data sources and methods that allow for comparisons to be made across localities. We appreciate your continued support in identifying data discrepancies and improving data completeness and sharing across systems. We look forward to your feedback.

** This figure may differ from state data due to differences in hospital lists between federal and state systems or inclusion of hospitals that are not admitting COVID-19 patients. We are working to incorporate feedback on an ongoing basis to update these figures. These data exclude psychiatric, rehabilitation, and religious non-medical hospitals.*



COVID-19

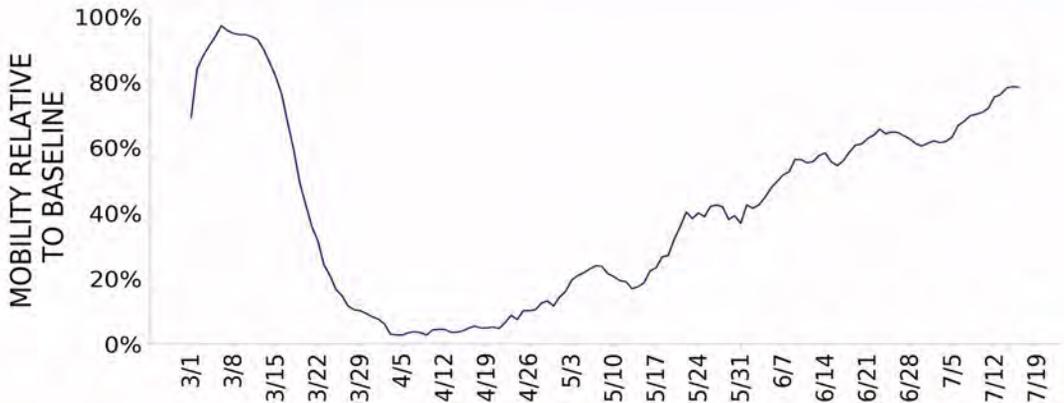


RHODE ISLAND

STATE REPORT | 07.19.2020

	STATE, LAST WEEK	STATE, % CHANGE FROM PREVIOUS WEEK	FEMA/HHS REGION, LAST WEEK	UNITED STATES, LAST WEEK
NEW CASES (RATE PER 100,000)	481 (45)	+49.8%	3,236 (22)	460,366 (140)
DIAGNOSTIC TEST POSITIVITY RATE	2.7%	+0.7%*	1.7%	9.1%
TOTAL DIAGNOSTIC TESTS (TESTS PER 100,000)	15,798 (1,491)	+4.6%	184,227 (1,241)	4,940,998 (1,505)
COVID DEATHS (RATE PER 100,000)	14 (1)	-12.5%	179 (1)	5,122 (2)
SNFs WITH AT LEAST ONE COVID-19 CASE	7.1%	-0.3%	7.0%	10.0%

MOBILITY



* Indicates absolute change in percentage points

DATA SOURCES

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 7/17/2020; last week is 7/11 - 7/17, previous week is 7/4 - 7/10.

Testing: State-level values calculated by using 7-day rolling averages of reported tests. Regional- and national-level values calculated by using a 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 7/15/2020. Last week is 7/9 - 7/15, previous week is 7/2 - 7/8. Testing data are inclusive of everything received and processed by the CELR system as of 14:00 EDT on 07/19/2020. Some dates may be incomplete due to delays in reporting. Testing data may be backfilled over time, resulting in changes week-to-week in testing data. It is critical that states provide as up-to-date testing data as possible.

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; 100% represents the baseline mobility level. Data is anonymized and provided at the county level. Data through 7/16/2020.

SNFs: Skilled nursing facilities. National Healthcare Safety Network. Last week is 7/6-7/12, previous week is 6/29-7/5.



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LOCALITIES IN RED ZONE

LOCALITIES IN YELLOW ZONE

METRO AREA (CBSA) LAST WEEK	0	N/A	0	N/A
COUNTY LAST WEEK	0	N/A	0	N/A

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 a diagnostic test positivity result above 10%.

Yellow Zone: Those core-based statistical areas (CBSAs) and counties that during the last week reported both new cases between 10-100 per 100,000 population, and a diagnostic test positivity result between 5-10%, or one of those two conditions and one condition qualifying as being in the “Red Zone.”

Note: Top 12 locations are selected based on the highest number of new cases in the last three weeks.

DATA SOURCES

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 7/17/2020; last week is 7/11 - 7/17, three weeks is 6/27 - 7/17.

Testing: HHS Protect laboratory data (provided directly to Federal Government from public health labs, hospital labs, and commercial labs) through 7/15/2020. Last week is 7/9 - 7/15. Testing data may be backfilled over time, resulting in changes week-to-week in testing data. It is critical that states provide as up-to-date testing data as possible.

POLICY RECOMMENDATIONS FOR COUNTIES IN THE RED ZONE

Public Messaging

- Wear a mask at all times outside the home and maintain physical distance
- Limit social gatherings to 10 people or fewer
- Do not go to bars, nightclubs, or gyms
- Use take out or eat outdoors socially distanced
- Protect anyone with serious medical conditions at home by social distancing at home and using high levels of personal hygiene, including handwashing and cleaning surfaces
- Reduce your public interactions and activities to 25% of your normal activity

Public Officials

- Close bars and gyms, and create outdoor dining opportunities with pedestrian areas
- Limit social gatherings to 10 people or fewer
- Institute routine weekly testing of all workers in assisted living and long-term care facilities. Require masks for all staff and prohibit visitors
- Ensure that all business retailers and personal services require masks and can safely social distance
- Increase messaging on the risk of serious disease for individuals in all age groups with preexisting obesity, hypertension, and diabetes mellitus, and recommend to shelter in place
- Work with local community groups to provide targeted, tailored messaging to communities with high case rates, and increase community level testing
- Recruit more contact tracers as community outreach workers to ensure all cases are contacted and all positive households are individually tested within 24 hours
- Provide isolation facilities outside of households if COVID-positive individuals can't quarantine successfully

Testing

- Move to community-led neighborhood testing and work with local community groups to increase access to testing
- Surge testing and contact tracing resources to neighborhoods and zip codes with highest case rates
- **Diagnostic pooling:** Laboratories should use pooling of samples to increase testing access and reduce turnaround times to under 12 hours. Consider pools of 2-3 individuals in high incidence settings and 5:1 pools in setting where test positivity is under 10%
- **Surveillance pooling:** For family and cohabitating households, screen entire households in a single test by pooling specimens of all members into single collection device

POLICY RECOMMENDATIONS FOR COUNTIES IN THE YELLOW ZONE IN ORDER TO PREEMPT EXPONENTIAL COMMUNITY SPREAD

Public Messaging

- Wear a mask at all times outside the home and maintain physical distance
- Limit social gatherings to 25 people or fewer
- Do not go to bars or nightclubs
- Use take out, outdoor dining or indoor dining when strict social distancing can be maintained
- Protect anyone with serious medical conditions at home by social distancing at home and using high levels of personal hygiene
- Reduce your public interactions and activities to 50% of your normal activity

Public Officials

- Limit gyms to 25% occupancy and close bars until percent positive rates are under 3%; create outdoor dining opportunities with pedestrian areas
- Limit social gatherings to 25 people or fewer
- Institute routine weekly testing of all workers in assisted living and long-term care facilities. Require masks for all staff and prohibit visitors
- Ensure that all business retailers and personal services require masks and can safely social distance
- Increase messaging on the risk of serious disease for individuals in all age groups with preexisting obesity, hypertension, and diabetes mellitus, and recommend to shelter in place
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Testing

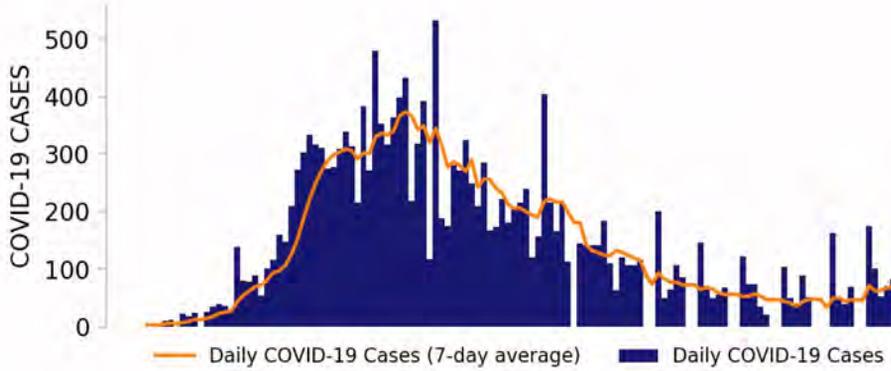
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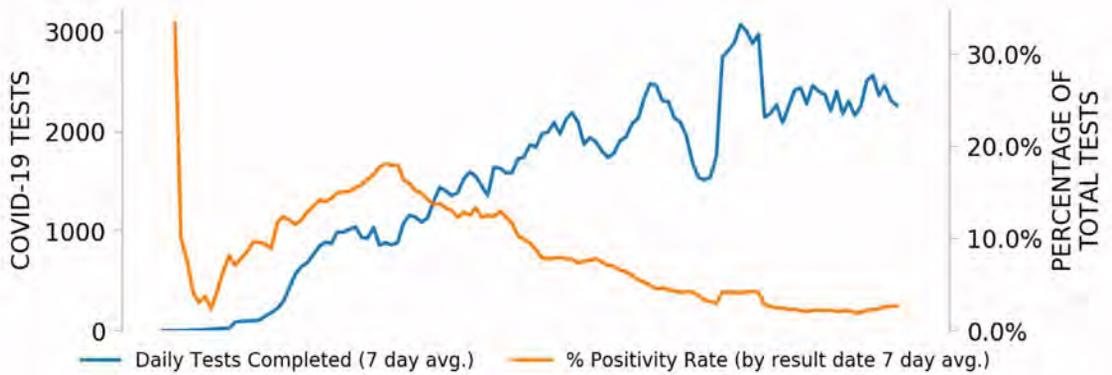
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NEW CASES

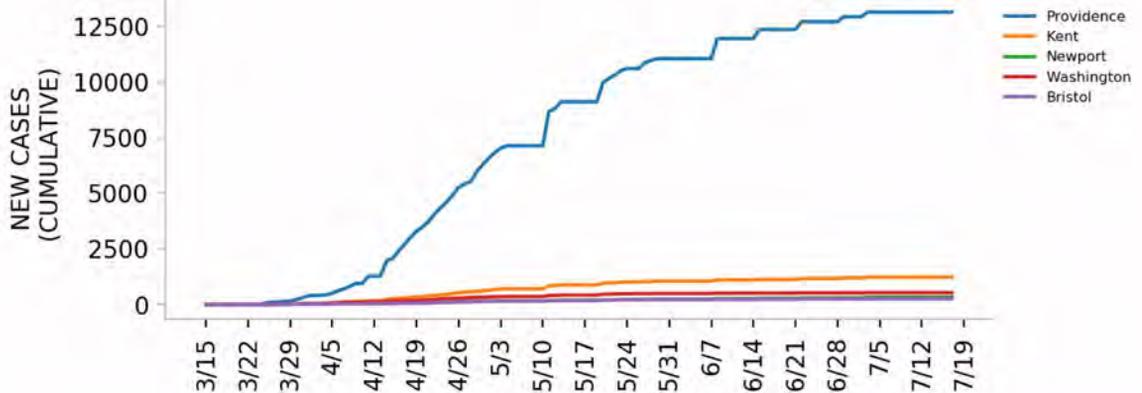


TESTING



Top counties based on greatest number of new cases in last three weeks (6/27 - 7/17)

TOP COUNTIES



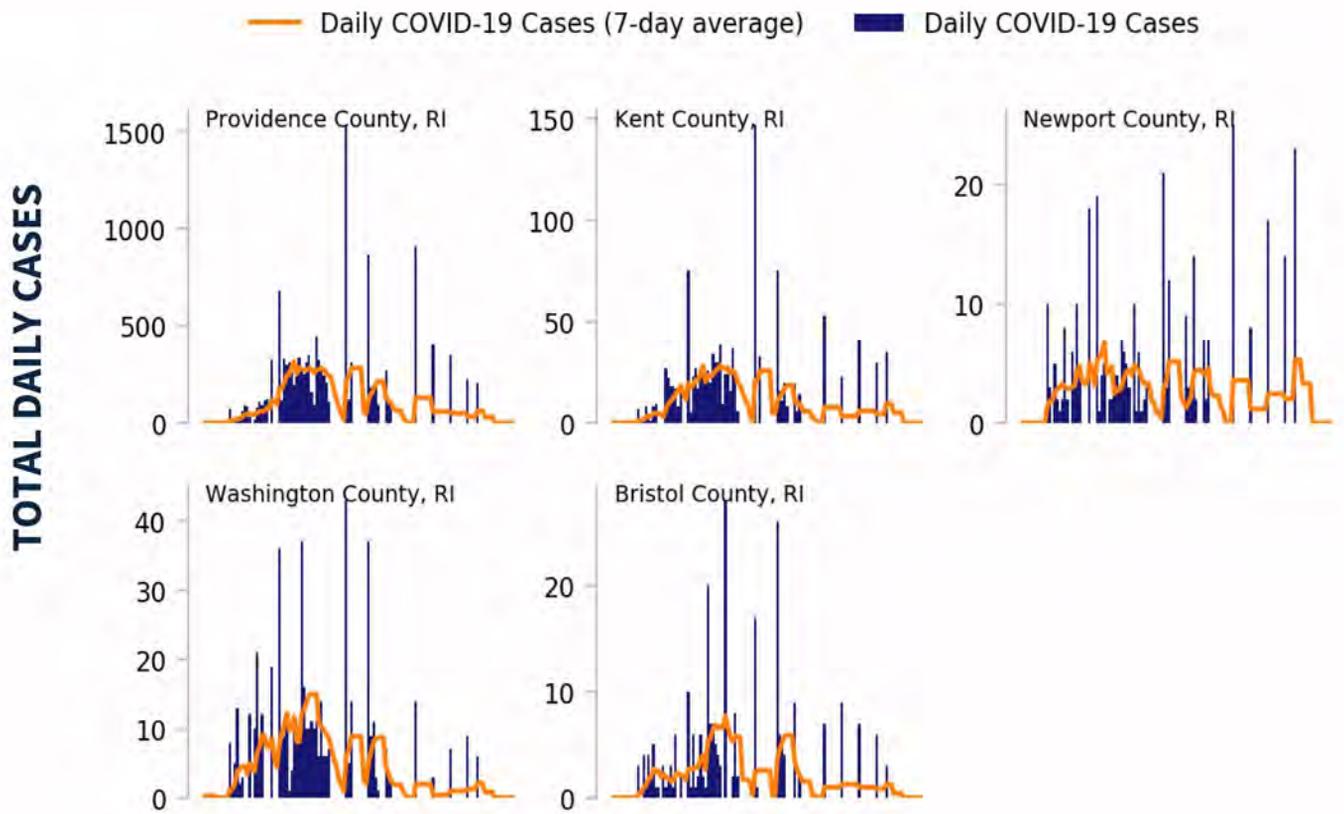
DATA SOURCES

Cases: County-level data from USAFacts. 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 7/17/2020.

Testing: HHS Protect laboratory data (provided directly to Federal Government from public health labs, hospital labs, and commercial labs) through 7/15/2020.



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



DATA SOURCES

Cases: County-level data from USAFacts through 7/17/2020. Last 3 weeks is 6/27 - 7/17.

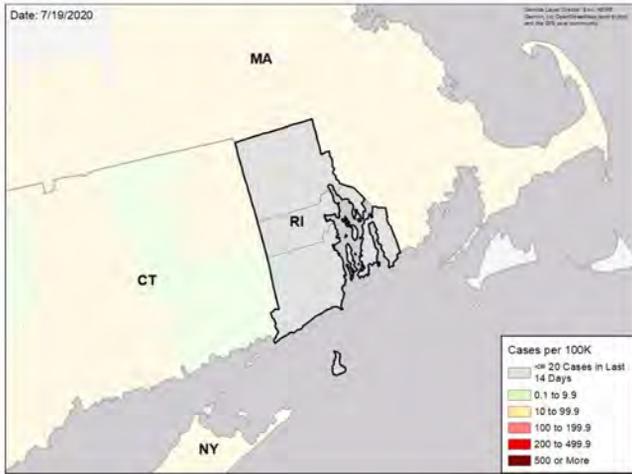


RHODE ISLAND

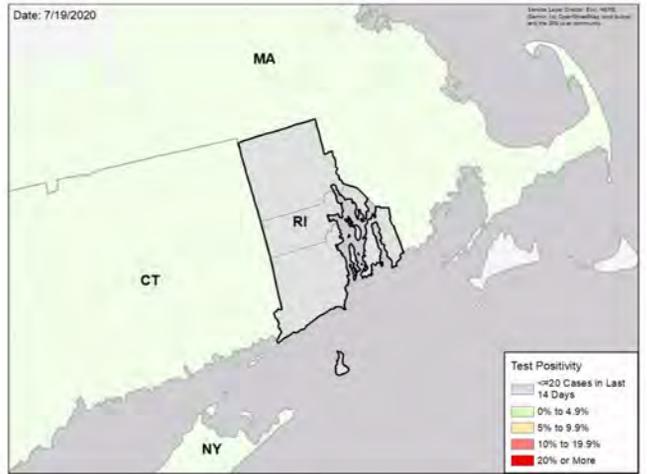
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CASE RATES AND DIAGNOSTIC TEST POSITIVITY DURING THE LAST WEEK

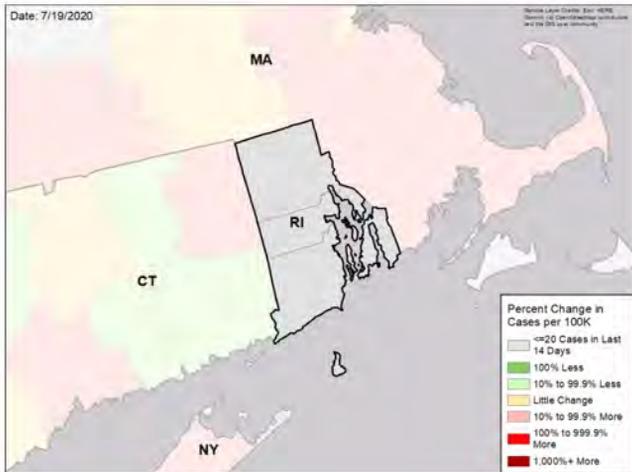
NEW CASES PER 100,000 DURING LAST WEEK



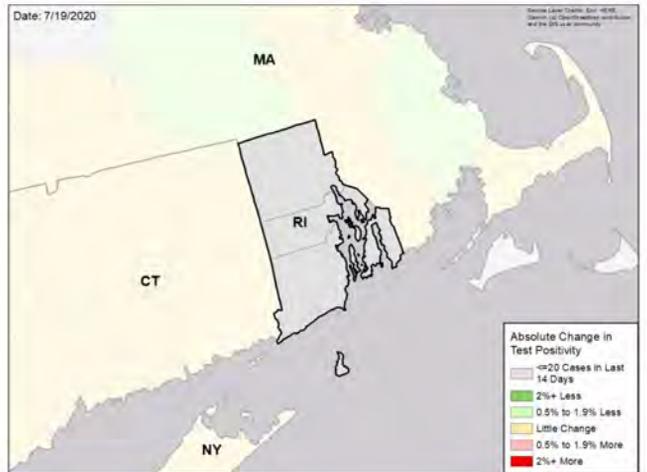
TEST POSITIVITY DURING LAST WEEK



WEEKLY % CHANGE IN NEW CASES PER 100K



WEEKLY CHANGE IN TEST POSITIVITY



DATA SOURCES

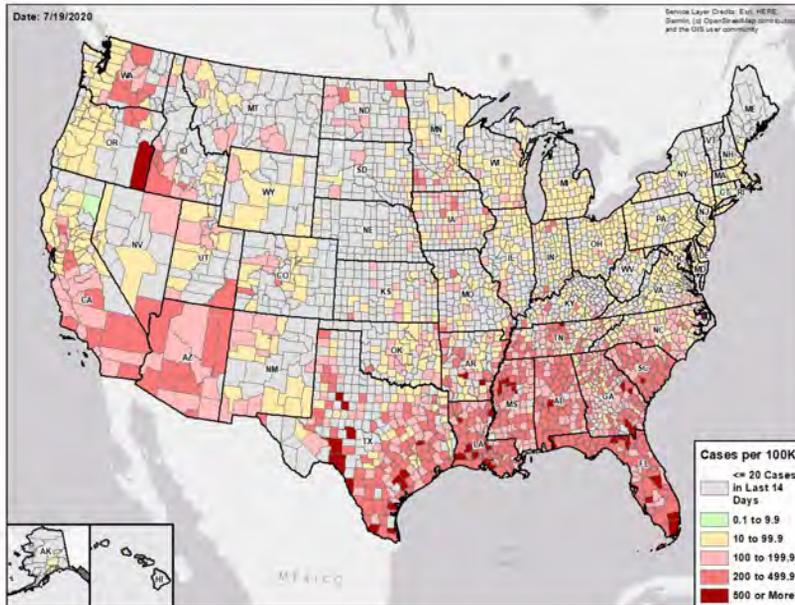
Cases: County-level data from USAFacts through 7/17/2020. Last week is 7/11 - 7/17, previous week is 7/4 - 7/10

Testing: HHS Protect laboratory data (provided directly to Federal Government from public health labs, hospital labs, and commercial labs) through 7/15/2020. Last week is 7/9 - 7/15, previous week is 7/2 - 7/8. Testing data may be backfilled over time, resulting in changes week-to-week in testing data. It is critical that states provide as up-to-date testing data as possible.

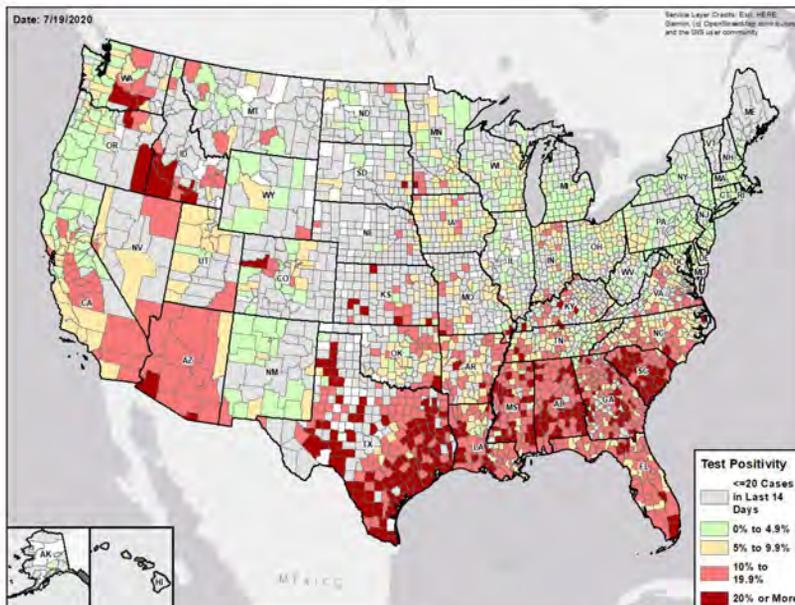


National Picture

NEW CASES PER 100,000 LAST WEEK



TEST POSITIVITY LAST WEEK



DATA SOURCES

Cases: County-level data from USAFacts through 7/17/2020. Last week is 7/11 - 7/17

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 7/15/2020. Last week is 7/9 - 7/15. Testing data may be backfilled over time, resulting in changes week-to-week in testing data. It is critical that states provide as up-to-date testing data as possible.



Methods

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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	<0.5	0.5-2	>2
Percent change in deaths per 100,000 population	<-10%	-10% - 10%	>10%
Skilled Nursing Facilities with at least one COVID-19 case	0%	0.1%-5%	>5%
Change in SNFs with at least one COVID-19 case	<-0.5%	-0.5%-0.5%	>0.5%

DATA NOTES

- Cases and deaths:** County-level data from USAFacts as of 13:00 EDT on 07/18/2020. 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 7/11 to 7/17; previous week data are from 7/4 to 7/10.
- Testing:** CELR (COVID-19 Electronic Lab Reporting) state health department-reported data are used to describe state-level totals when able to be disaggregated from serology test results and to describe county-level 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. Total diagnostic tests are the number of tests performed, not the number of individuals tested. Diagnostic test positivity rate is the number of positive tests divided by the number of tests performed and resulted. Last week data are from 7/9 to 7/15; previous week data are from 7/2 to 7/8. HHS Protect data is recent as of 16:30 EDT on 07/19/2020. Testing data are inclusive of everything received and processed by the CELR system as of 14:00 EDT on 07/19/2020. Testing data may be backfilled over time, resulting in changes week-to-week in testing data. It is critical that states provide as up-to-date testing data as possible.
- 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; 100% represents the baseline mobility level. Data is recent as of 13:00 EDT on 07/18/2020 and through 7/16/2020.
- 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.
- Skilled Nursing Facilities:** National Healthcare Safety Network (NHSN). 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 analysis. Also note that data presented by NHSN is more recent than the data publicly posted by CMS. Therefore, data presented may differ slightly from those publicly posted by CMS.



SOUTH CAROLINA

STATE REPORT | 07.19.2020

SUMMARY

- South Carolina is in the red zone for cases, indicating more than 100 new cases per 100,000 population last week, and the red zone for test positivity, indicating a rate above 10%.
- South Carolina has seen an increase in new cases and an increase in testing positivity over the past week.
- The following three counties had the highest number of new cases over the past 3 weeks: 1. Charleston County, 2. Horry County, and 3. Greenville County. These counties represent 38.4 percent of new cases in South Carolina. Charleston County has the most significant rate of rise of new infections.
- South Carolina is experiencing broad community spread across the state, with multiple rural and urban counties experiencing significant increase in cases.
- South Carolina had 264 new cases per 100,000 population in the past week, compared to a national average of 140 per 100,000.
- The federal government has deployed the following staff as assets to support the state response: 8 to support operations activities from USCG and 9 to support medical activities from VA.
- During Jul 15 - Jul 17, on average, 135 patients with confirmed COVID-19 and 120 patients with suspected COVID-19 were reported as newly admitted each day to hospitals in South Carolina. An average of 75 percent of hospitals reported 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

- Continue weekly testing of all workers in assisted living and long-term care facilities and require masks and social distancing for all visitors.
- Mandate use of masks in all current and evolving hot spots.
- Close establishments where social distancing and mask use cannot occur such as bars.
- Move to outdoor dining and limit indoor dining to less than 25% of normal capacity.
- Ask citizens to limit social gatherings to 10 or fewer people.
- Encourage individuals that have participated in large social gatherings to get tested.
- Increase messaging regarding the risk of serious disease in all age groups with preexisting obesity, hypertension and diabetes mellitus.
- Continue the scale-up of testing, moving to community led neighborhood testing. Work with local communities to implement and provide clear guidance for households that test positive, including on individual isolation procedures.
- Continue to enhance contact tracing and ensure the ability of cases and contacts to quarantine or isolate safely.
- Monitor testing data to identify additional sites of increased transmission and focus public health resources on them.
- Ensure Public Health lab is fully staffed and running 24/7 utilizing all platforms.
- Specific, detailed guidance on community mitigation measures can be found on the [CDC website](#).

The purpose of this report is to develop a shared understanding of the current status of the pandemic at the national, regional, state and local levels. We recognize that data at the state level may differ from that available at the federal level. Our objective is to use consistent data sources and methods that allow for comparisons to be made across localities. We appreciate your continued support in identifying data discrepancies and improving data completeness and sharing across systems. We look forward to your feedback.

** This figure may differ from state data due to differences in hospital lists between federal and state systems or inclusion of hospitals that are not admitting COVID-19 patients. We are working to incorporate feedback on an ongoing basis to update these figures. These data exclude psychiatric, rehabilitation, and religious non-medical hospitals.*



COVID-19

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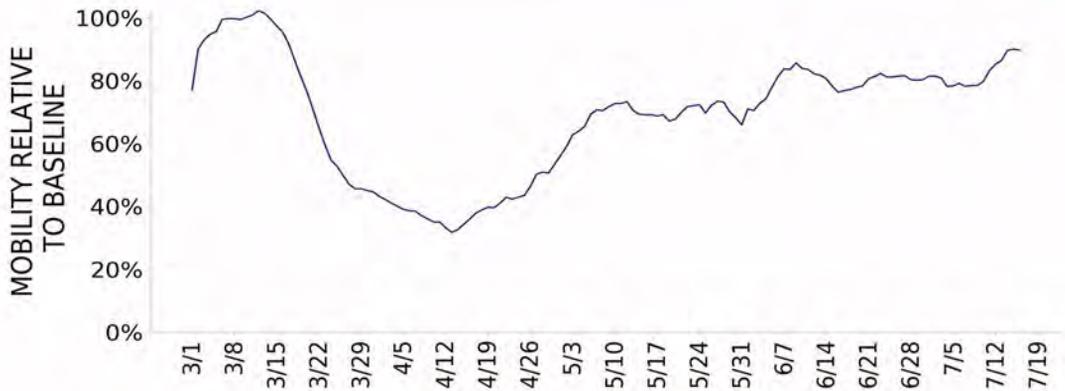


SOUTH CAROLINA

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	STATE, LAST WEEK	STATE, % CHANGE FROM PREVIOUS WEEK	FEMA/HHS REGION, LAST WEEK	UNITED STATES, LAST WEEK
NEW CASES (RATE PER 100,000)	13,587 (264)	+25.2%	169,342 (253)	460,366 (140)
DIAGNOSTIC TEST POSITIVITY RATE	21.5%	+1.2%*	15.5%	9.1%
TOTAL DIAGNOSTIC TESTS (TESTS PER 100,000)	64,684 (1,256)	+18.1%	990,405 (1,480)	4,940,998 (1,505)
COVID DEATHS (RATE PER 100,000)	157 (3)	+16.3%	1,549 (2)	5,122 (2)
SNFs WITH AT LEAST ONE COVID-19 CASE	19.8%	-2.1%	14.2%	10.0%

MOBILITY



* Indicates absolute change in percentage points

DATA SOURCES

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LOCALITIES IN RED ZONE

LOCALITIES IN YELLOW ZONE

METRO AREA (CBSA) LAST WEEK

<p>17 Top 12 shown (full list below)</p>	<p>Charleston-North Charleston Greenville-Anderson Columbia Myrtle Beach-Conway-North Myrtle Beach Charlotte-Concord-Gastonia Hilton Head Island-Bluffton Spartanburg Florence Sumter Orangeburg Augusta-Richmond County Georgetown</p>
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<p>1</p>	<p>Bennettsville</p>
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COUNTY LAST WEEK

<p>45 Top 12 shown (full list below)</p>	<p>Charleston Horry Greenville Richland Berkeley Lexington Spartanburg Dorchester Beaufort York Florence Orangeburg</p>
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<p>1</p>	<p>Marlboro</p>
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All Red CBSAs: Charleston-North Charleston, Greenville-Anderson, Columbia, Myrtle Beach-Conway-North Myrtle Beach, Charlotte-Concord-Gastonia, Hilton Head Island-Bluffton, Spartanburg, Florence, Sumter, Orangeburg, Augusta-Richmond County, Greenwood, Georgetown, Seneca, Newberry, Gaffney, Union

All Red Counties: Charleston, Horry, Greenville, Richland, Berkeley, Lexington, Spartanburg, Dorchester, Beaufort, York, Florence, Orangeburg, Anderson, Sumter, Pickens, Aiken, Laurens, Greenwood, Georgetown, Lancaster, Kershaw, Oconee, Newberry, Colleton, Darlington, Jasper, Williamsburg, Marion, Cherokee, Chester, Dillon, Bamberg, Chesterfield, Fairfield, Clarendon, Saluda, Calhoun, Union, Barnwell, Lee, Hampton, Edgefield, Abbeville, Allendale, McCormick

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 a diagnostic test positivity result above 10%.

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

Note: Top 12 locations are selected based on the highest number of new cases in the last three weeks.

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POLICY RECOMMENDATIONS FOR COUNTIES IN THE RED ZONE

Public Messaging

- Wear a mask at all times outside the home and maintain physical distance
- Limit social gatherings to 10 people or fewer
- Do not go to bars, nightclubs, or gyms
- Use take out or eat outdoors socially distanced
- Protect anyone with serious medical conditions at home by social distancing at home and using high levels of personal hygiene, including handwashing and cleaning surfaces
- Reduce your public interactions and activities to 25% of your normal activity

Public Officials

- Close bars and gyms, and create outdoor dining opportunities with pedestrian areas
- Limit social gatherings to 10 people or fewer
- Institute routine weekly testing of all workers in assisted living and long-term care facilities. Require masks for all staff and prohibit visitors
- Ensure that all business retailers and personal services require masks and can safely social distance
- Increase messaging on the risk of serious disease for individuals in all age groups with preexisting obesity, hypertension, and diabetes mellitus, and recommend to shelter in place
- Work with local community groups to provide targeted, tailored messaging to communities with high case rates, and increase community level testing
- Recruit more contact tracers as community outreach workers to ensure all cases are contacted and all positive households are individually tested within 24 hours
- Provide isolation facilities outside of households if COVID-positive individuals can't quarantine successfully

Testing

- Move to community-led neighborhood testing and work with local community groups to increase access to testing
- Surge testing and contact tracing resources to neighborhoods and zip codes with highest case rates
- **Diagnostic pooling:** Laboratories should use pooling of samples to increase testing access and reduce turnaround times to under 12 hours. Consider pools of 2-3 individuals in high incidence settings and 5:1 pools in setting where test positivity is under 10%
- **Surveillance pooling:** For family and cohabitating households, screen entire households in a single test by pooling specimens of all members into single collection device

POLICY RECOMMENDATIONS FOR COUNTIES IN THE YELLOW ZONE IN ORDER TO PREEMPT EXPONENTIAL COMMUNITY SPREAD

Public Messaging

- Wear a mask at all times outside the home and maintain physical distance
- Limit social gatherings to 25 people or fewer
- Do not go to bars or nightclubs
- Use take out, outdoor dining or indoor dining when strict social distancing can be maintained
- Protect anyone with serious medical conditions at home by social distancing at home and using high levels of personal hygiene
- Reduce your public interactions and activities to 50% of your normal activity

Public Officials

- Limit gyms to 25% occupancy and close bars until percent positive rates are under 3%; create outdoor dining opportunities with pedestrian areas
- Limit social gatherings to 25 people or fewer
- Institute routine weekly testing of all workers in assisted living and long-term care facilities. Require masks for all staff and prohibit visitors
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Testing

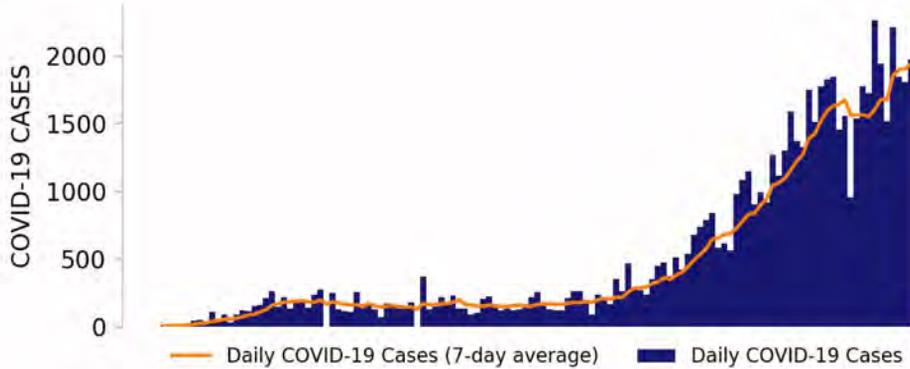
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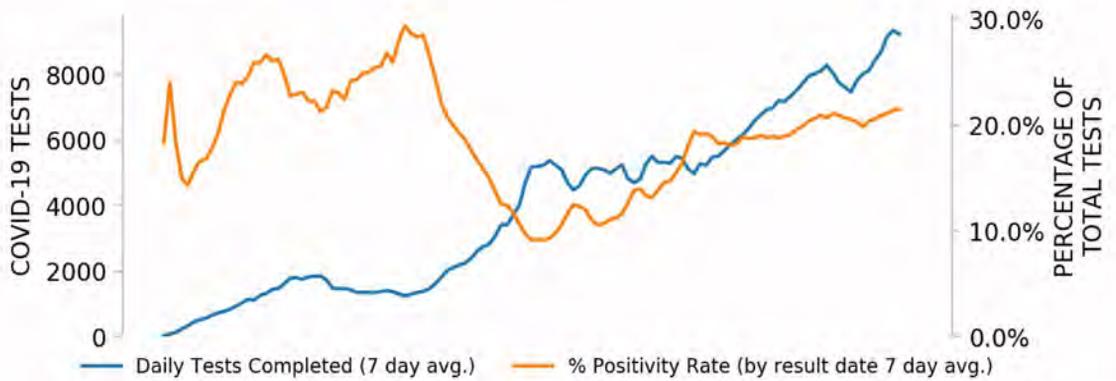
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NEW CASES

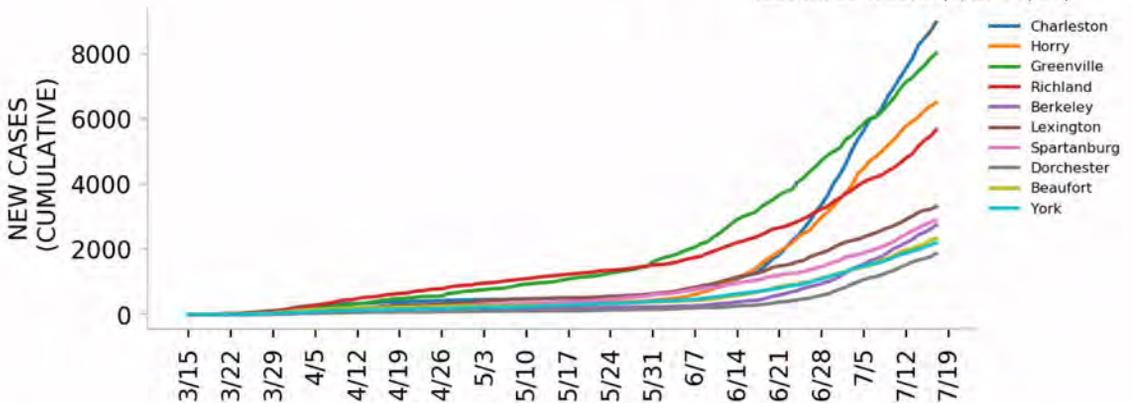


TESTING



Top counties based on greatest number of new cases in last three weeks (6/27 - 7/17)

TOP COUNTIES



DATA SOURCES

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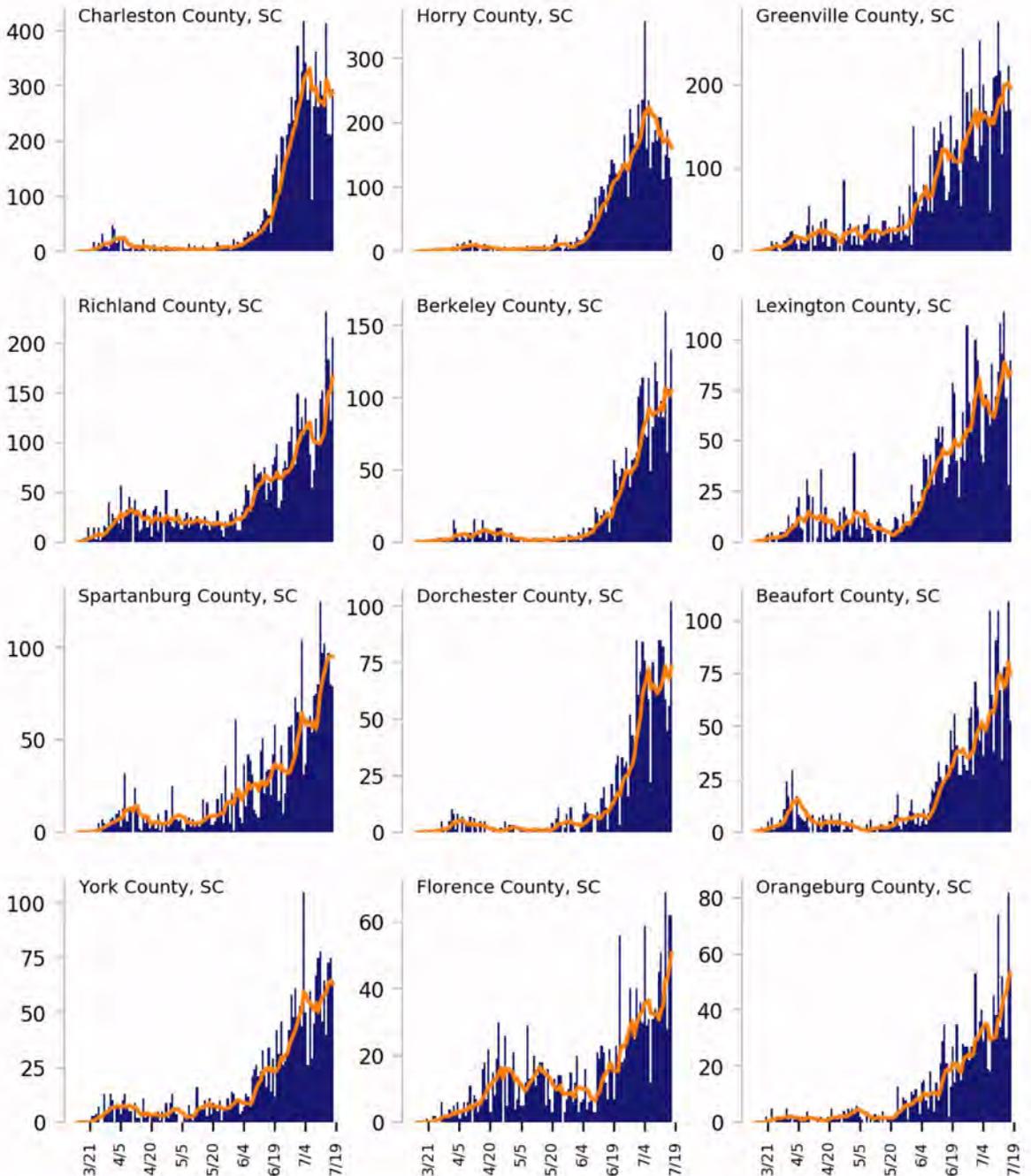
Testing: CELR (COVID-19 Electronic Lab Reporting) state health department-reported data through 7/15/2020.



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



DATA SOURCES

Cases: County-level data from USAFacts through 7/17/2020. Last 3 weeks is 6/27 - 7/17.

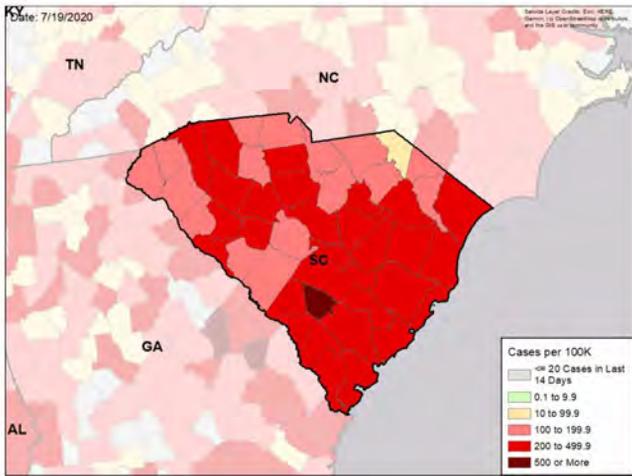


SOUTH CAROLINA

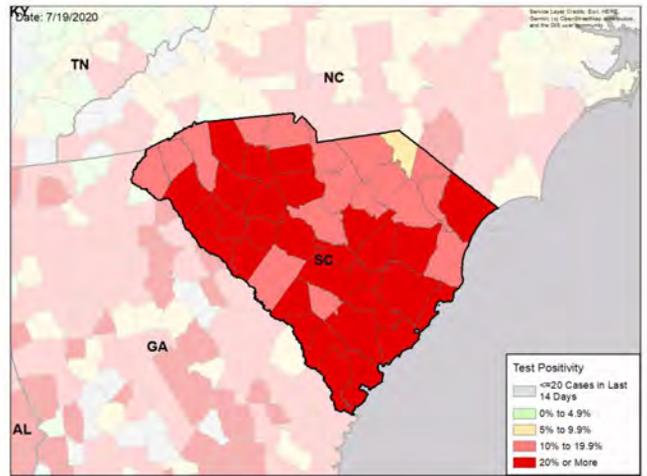
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CASE RATES AND DIAGNOSTIC TEST POSITIVITY DURING THE LAST WEEK

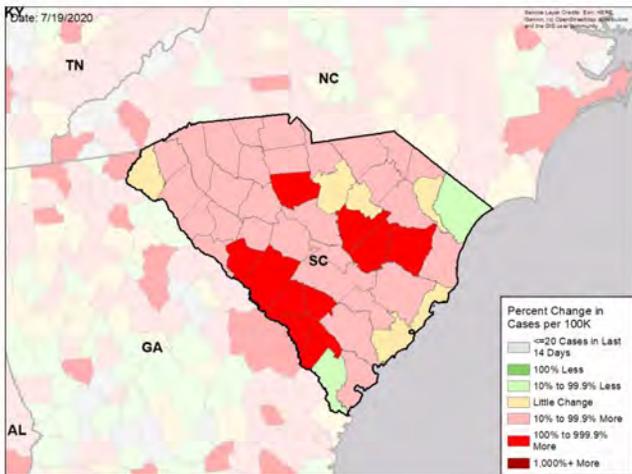
NEW CASES PER 100,000 DURING LAST WEEK



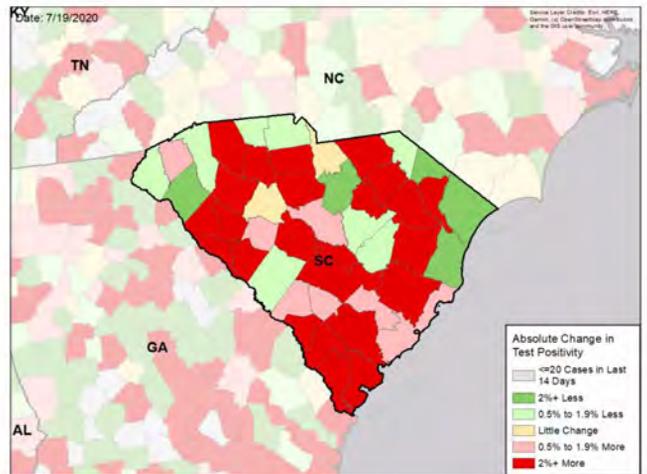
TEST POSITIVITY DURING LAST WEEK



WEEKLY % CHANGE IN NEW CASES PER 100K



WEEKLY CHANGE IN TEST POSITIVITY



DATA SOURCES

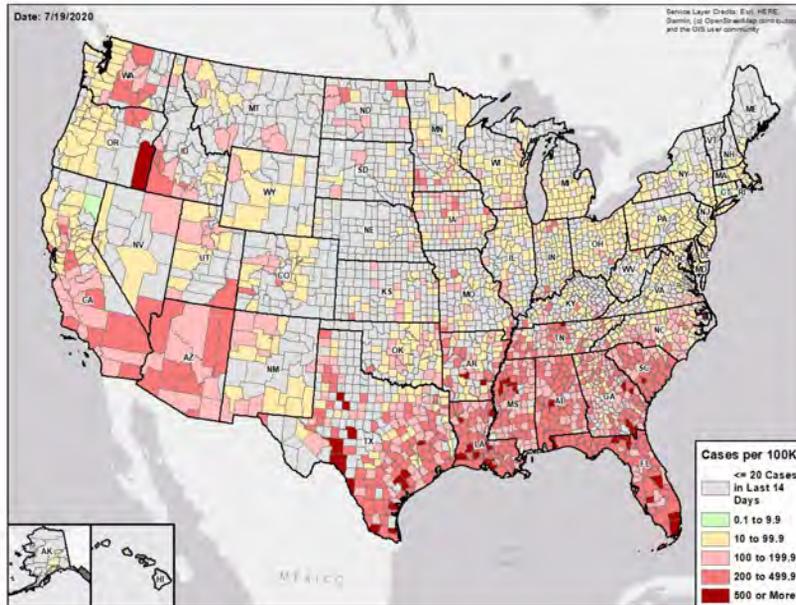
Cases: County-level data from USAFacts through 7/17/2020. Last week is 7/11 - 7/17, previous week is 7/4 - 7/10

Testing: CELR (COVID-19 Electronic Lab Reporting) state health department-reported data through 7/15/2020. Last week is 7/9 - 7/15, previous week is 7/2 - 7/8. Testing data may be backfilled over time, resulting in changes week-to-week in testing data. It is critical that states provide as up-to-date testing data as possible.

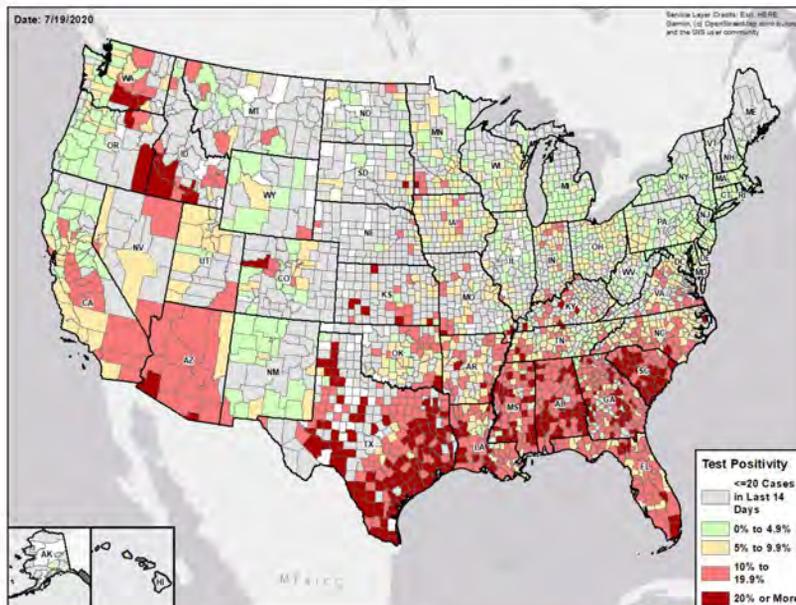


National Picture

NEW CASES PER 100,000 LAST WEEK



TEST POSITIVITY LAST WEEK



DATA SOURCES

Cases: County-level data from USAFacts through 7/17/2020. Last week is 7/11 - 7/17

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 7/15/2020. Last week is 7/9 - 7/15. Testing data may be backfilled over time, resulting in changes week-to-week in testing data. It is critical that states provide as up-to-date testing data as possible.



Methods

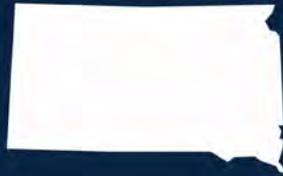
STATE REPORT | 07.19.2020

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)

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	<0.5	0.5-2	>2
Percent change in deaths per 100,000 population	<-10%	-10% - 10%	>10%
Skilled Nursing Facilities with at least one COVID-19 case	0%	0.1%-5%	>5%
Change in SNFs with at least one COVID-19 case	<-0.5%	-0.5%-0.5%	>0.5%

DATA NOTES

- Cases and deaths:** County-level data from USAFacts as of 13:00 EDT on 07/18/2020. 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 7/11 to 7/17; previous week data are from 7/4 to 7/10.
- Testing:** CELR (COVID-19 Electronic Lab Reporting) state health department-reported data are used to describe state-level totals when able to be disaggregated from serology test results and to describe county-level 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. Total diagnostic tests are the number of tests performed, not the number of individuals tested. Diagnostic test positivity rate is the number of positive tests divided by the number of tests performed and resulted. Last week data are from 7/9 to 7/15; previous week data are from 7/2 to 7/8. HHS Protect data is recent as of 16:30 EDT on 07/19/2020. Testing data are inclusive of everything received and processed by the CELR system as of 14:00 EDT on 07/19/2020. Testing data may be backfilled over time, resulting in changes week-to-week in testing data. It is critical that states provide as up-to-date testing data as possible.
- 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; 100% represents the baseline mobility level. Data is recent as of 13:00 EDT on 07/18/2020 and through 7/16/2020.
- 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.
- Skilled Nursing Facilities:** National Healthcare Safety Network (NHSN). 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 analysis. Also note that data presented by NHSN is more recent than the data publicly posted by CMS. Therefore, data presented may differ slightly from those publicly posted by CMS.



SOUTH DAKOTA

STATE REPORT | 07.19.2020

SUMMARY

- South Dakota is in the yellow zone for cases, indicating between 10 to 100 new cases per 100,000 population last week, and the green zone for test positivity, indicating a rate below 5%.
- South Dakota has seen stability in new cases and a decrease in testing positivity over the past week.
- The following three counties had the highest number of new cases over the past 3 weeks: 1. Minnehaha County, 2. Pennington County, and 3. Lincoln County. These counties represent 42.8 percent of new cases in South Dakota.
- South Dakota had 44 new cases per 100,000 population in the past week, compared to a national average of 140 per 100,000.
- The federal government has deployed the following staff as assets to support the state response: 3 to support operations activities from FEMA and 4 from CDC.
- During Jul 15 - Jul 17, on average, 23 patients with confirmed COVID-19 and 6 patients with suspected COVID-19 were reported as newly admitted each day to hospitals in South Dakota. An average of 66 percent of hospitals reported 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

- Promote social distancing and use of face masks when outside the home, especially when in indoor settings.
- In counties with 7-day average test positivity greater than 5%, close bars, restrict gyms to 25% occupancy and ensure social distancing at restaurants (emphasizing outdoor dining over indoor).
- In counties with elevated or increasing transmission, implement community-led testing and work with local community groups to increase testing access. Consider pooled testing as described below to further increase access and reduce turnaround times.
- In all crowded workplace settings, such as meat processing or packing plants, enforce implementation of social distancing, use of face masks and early and vigorous contact investigation for all identified cases.
- Protect those in nursing homes and long-term care facilities by testing all staff each week and requiring staff to wear face masks.
- Increase messaging of the risk of serious disease in older individuals and in all age groups with preexisting medical conditions, including obesity, hypertension, and diabetes mellitus.
- Tribal Nations: Continue to enforce social distancing and mask recommendations; pooled testing may be particularly advantageous for multi-generational households.
- Specific, detailed guidance on community mitigation measures can be found on the [CDC website](#).

The purpose of this report is to develop a shared understanding of the current status of the pandemic at the national, regional, state and local levels. We recognize that data at the state level may differ from that available at the federal level. Our objective is to use consistent data sources and methods that allow for comparisons to be made across localities. We appreciate your continued support in identifying data discrepancies and improving data completeness and sharing across systems. We look forward to your feedback.

** This figure may differ from state data due to differences in hospital lists between federal and state systems or inclusion of hospitals that are not admitting COVID-19 patients. We are working to incorporate feedback on an ongoing basis to update these figures. These data exclude psychiatric, rehabilitation, and religious non-medical hospitals.*



COVID-19

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SOUTH DAKOTA

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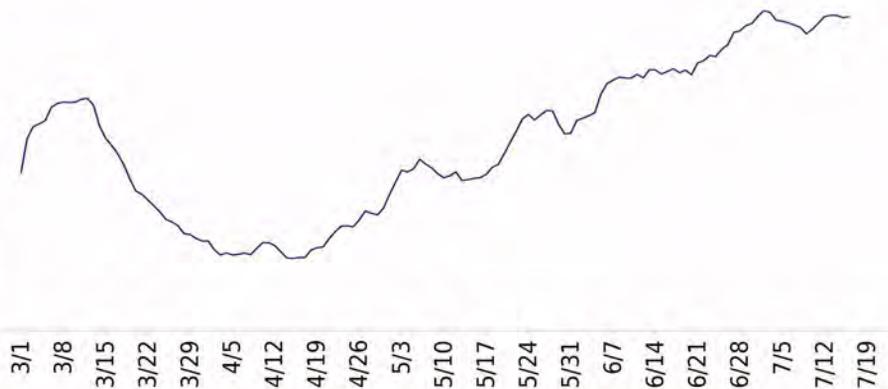
	STATE, LAST WEEK	STATE, % CHANGE FROM PREVIOUS WEEK	FEMA/HHS REGION, LAST WEEK	UNITED STATES, LAST WEEK
NEW CASES (RATE PER 100,000)	391 (44)	-6.9%	9,520 (78)	460,366 (140)
DIAGNOSTIC TEST POSITIVITY RATE	4.0%	-1.0%*	6.0%	9.1%
TOTAL DIAGNOSTIC TESTS (TESTS PER 100,000)	10,157 (1,148)	+30.4%	182,910 (1,492)	4,940,998 (1,505)
COVID DEATHS (RATE PER 100,000)	9 (1)	-18.2%	81 (1)	5,122 (2)
SNFs WITH AT LEAST ONE COVID-19 CASE	1.0%	+0.0%	4.5%	10.0%

MOBILITY



MOBILITY RELATIVE TO BASELINE

125%
100%
75%
50%
25%
0%



* Indicates absolute change in percentage points

DATA SOURCES

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 7/17/2020; last week is 7/11 - 7/17, previous week is 7/4 - 7/10.

Testing: State-level values calculated by using 7-day rolling averages of reported tests. Regional- and national-level values calculated by using a 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 7/15/2020. Last week is 7/9 - 7/15, previous week is 7/2 - 7/8. Testing data are inclusive of everything received and processed by the CELR system as of 14:00 EDT on 07/19/2020. Some dates may be incomplete due to delays in reporting. Testing data may be backfilled over time, resulting in changes week-to-week in testing data. It is critical that states provide as up-to-date testing data as possible.

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; 100% represents the baseline mobility level. Data is anonymized and provided at the county level. Data through 7/16/2020.

SNFs: Skilled nursing facilities. National Healthcare Safety Network. Last week is 7/6-7/12, previous week is 6/29-7/5.



SOUTH DAKOTA

STATE REPORT | 07.19.2020

LOCALITIES IN RED ZONE

LOCALITIES IN YELLOW ZONE

METRO AREA (CBSA) LAST WEEK

0

N/A

5

Sioux Falls
Huron
Brookings
Sioux City
Mitchell

COUNTY LAST WEEK

3

Lake
Buffalo
McCook

11

Minnehaha
Pennington
Beadle
Brookings
Charles Mix
Union
Davison
Lyman
Douglas
Hanson
Deuel

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 a diagnostic test positivity result above 10%.

Yellow Zone: Those core-based statistical areas (CBSAs) and counties that during the last week reported both new cases between 10-100 per 100,000 population, and a diagnostic test positivity result between 5-10%, or one of those two conditions and one condition qualifying as being in the “Red Zone.”

Note: Top 12 locations are selected based on the highest number of new cases in the last three weeks.

DATA SOURCES

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 7/17/2020; last week is 7/11 - 7/17, three weeks is 6/27 - 7/17.

Testing: CELR (COVID-19 Electronic Lab Reporting) state health department-reported data through 7/15/2020. Last week is 7/9 - 7/15. Testing data may be backfilled over time, resulting in changes week-to-week in testing data. It is critical that states provide as up-to-date testing data as possible.

POLICY RECOMMENDATIONS FOR COUNTIES IN THE RED ZONE

Public Messaging

- Wear a mask at all times outside the home and maintain physical distance
- Limit social gatherings to 10 people or fewer
- Do not go to bars, nightclubs, or gyms
- Use take out or eat outdoors socially distanced
- Protect anyone with serious medical conditions at home by social distancing at home and using high levels of personal hygiene, including handwashing and cleaning surfaces
- Reduce your public interactions and activities to 25% of your normal activity

Public Officials

- Close bars and gyms, and create outdoor dining opportunities with pedestrian areas
- Limit social gatherings to 10 people or fewer
- Institute routine weekly testing of all workers in assisted living and long-term care facilities. Require masks for all staff and prohibit visitors
- Ensure that all business retailers and personal services require masks and can safely social distance
- Increase messaging on the risk of serious disease for individuals in all age groups with preexisting obesity, hypertension, and diabetes mellitus, and recommend to shelter in place
- Work with local community groups to provide targeted, tailored messaging to communities with high case rates, and increase community level testing
- Recruit more contact tracers as community outreach workers to ensure all cases are contacted and all positive households are individually tested within 24 hours
- Provide isolation facilities outside of households if COVID-positive individuals can't quarantine successfully

Testing

- Move to community-led neighborhood testing and work with local community groups to increase access to testing
- Surge testing and contact tracing resources to neighborhoods and zip codes with highest case rates
- **Diagnostic pooling:** Laboratories should use pooling of samples to increase testing access and reduce turnaround times to under 12 hours. Consider pools of 2-3 individuals in high incidence settings and 5:1 pools in setting where test positivity is under 10%
- **Surveillance pooling:** For family and cohabitating households, screen entire households in a single test by pooling specimens of all members into single collection device

POLICY RECOMMENDATIONS FOR COUNTIES IN THE YELLOW ZONE IN ORDER TO PREEMPT EXPONENTIAL COMMUNITY SPREAD

Public Messaging

- Wear a mask at all times outside the home and maintain physical distance
- Limit social gatherings to 25 people or fewer
- Do not go to bars or nightclubs
- Use take out, outdoor dining or indoor dining when strict social distancing can be maintained
- Protect anyone with serious medical conditions at home by social distancing at home and using high levels of personal hygiene
- Reduce your public interactions and activities to 50% of your normal activity

Public Officials

- Limit gyms to 25% occupancy and close bars until percent positive rates are under 3%; create outdoor dining opportunities with pedestrian areas
- Limit social gatherings to 25 people or fewer
- Institute routine weekly testing of all workers in assisted living and long-term care facilities. Require masks for all staff and prohibit visitors
- Ensure that all business retailers and personal services require masks and can safely social distance
- Increase messaging on the risk of serious disease for individuals in all age groups with preexisting obesity, hypertension, and diabetes mellitus, and recommend to shelter in place
- Work with local community groups to provide targeted, tailored messaging to communities with high case rates, and increase community level testing
- Recruit more contact tracers as community outreach workers to ensure all cases are contacted and all positive households are individually tested within 24 hours
- Provide isolation facilities outside of households if COVID-positive individuals can't quarantine successfully

Testing

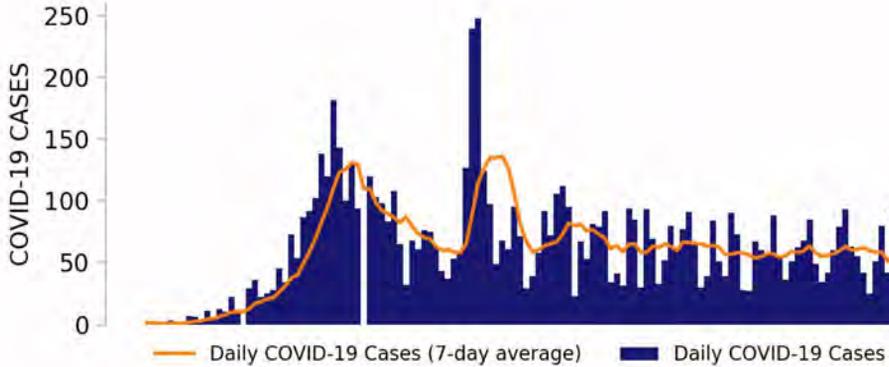
- Move to community-led neighborhood testing and work with local community groups to increase access to testing
- Surge testing and contact tracing resources to neighborhoods and zip codes with highest case rates
- **Diagnostic pooling:** Laboratories should use pooling of samples to increase testing access and reduce turnaround times to under 12 hours. Consider pools of 3-5 individuals
- **Surveillance pooling:** For family and cohabitating households, screen entire households in a single test by pooling specimens of all members into single collection device



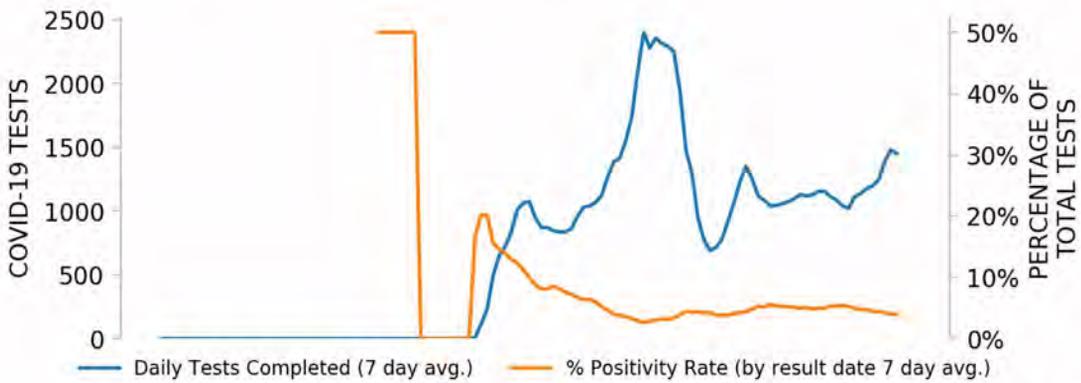
SOUTH DAKOTA

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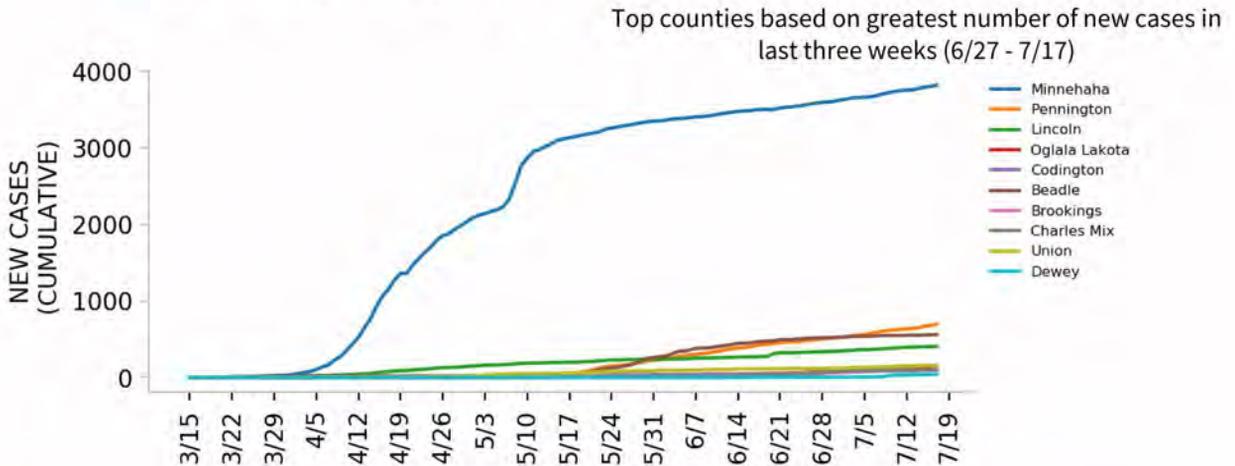
NEW CASES



TESTING



TOP COUNTIES



DATA SOURCES

Cases: County-level data from USAFacts. 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 7/17/2020.

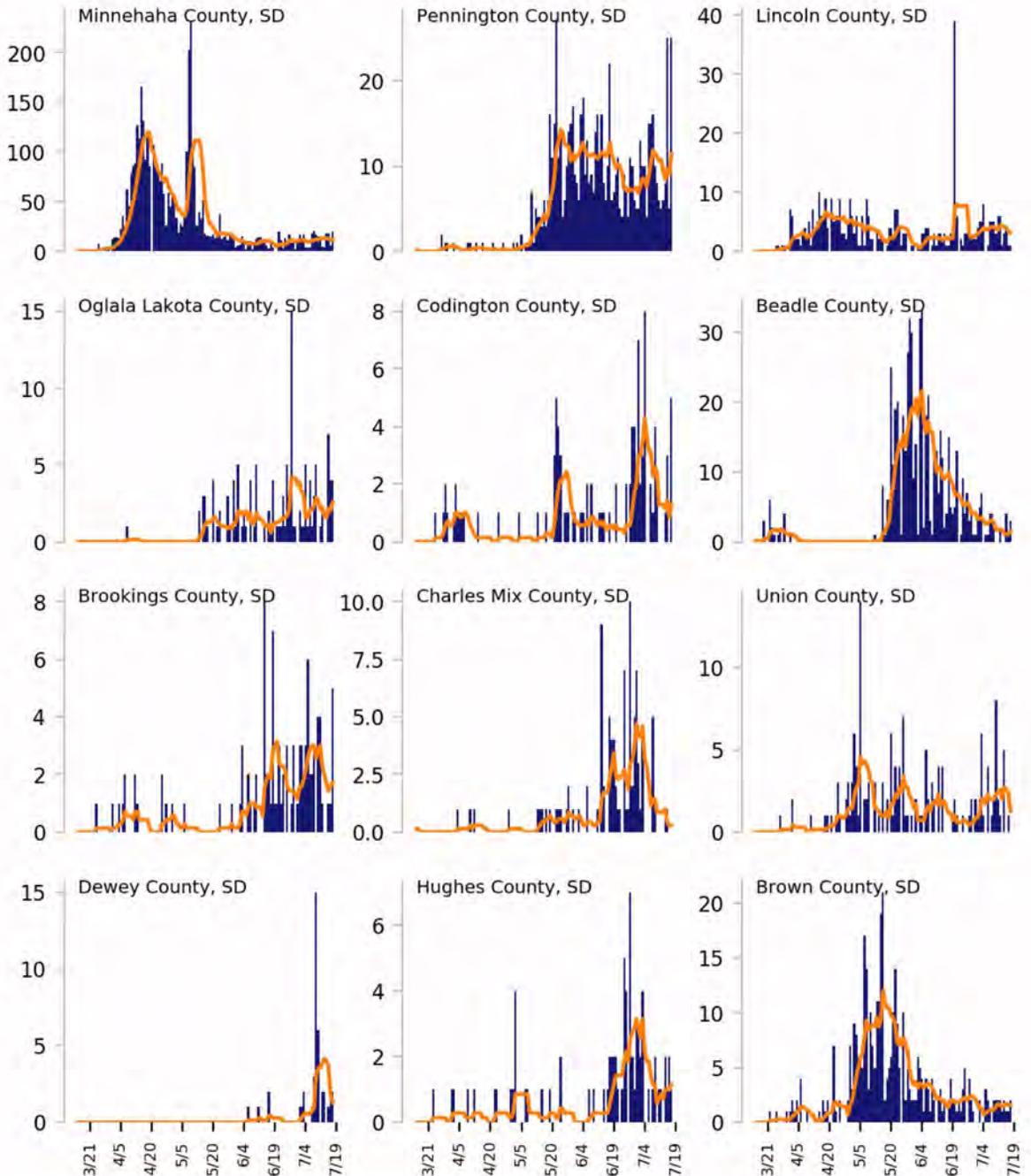
Testing: CELR (COVID-19 Electronic Lab Reporting) state health department-reported data through 7/15/2020.



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



DATA SOURCES

Cases: County-level data from USAFacts through 7/17/2020. Last 3 weeks is 6/27 - 7/17.

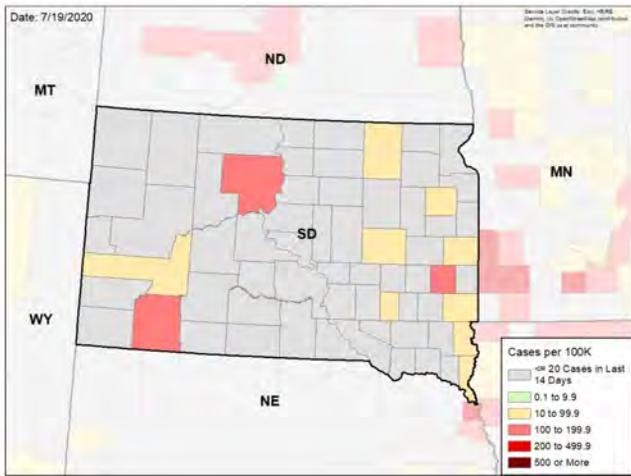


SOUTH DAKOTA

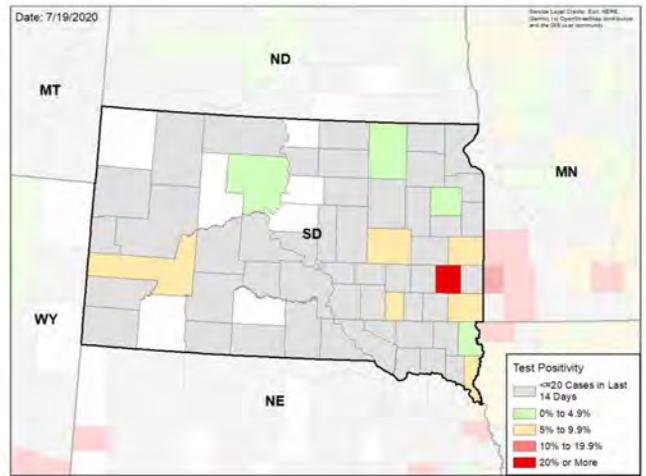
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CASE RATES AND DIAGNOSTIC TEST POSITIVITY DURING THE LAST WEEK

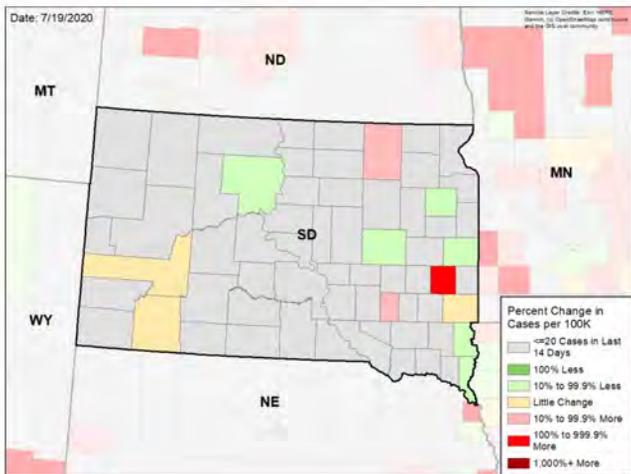
NEW CASES PER 100,000 DURING LAST WEEK



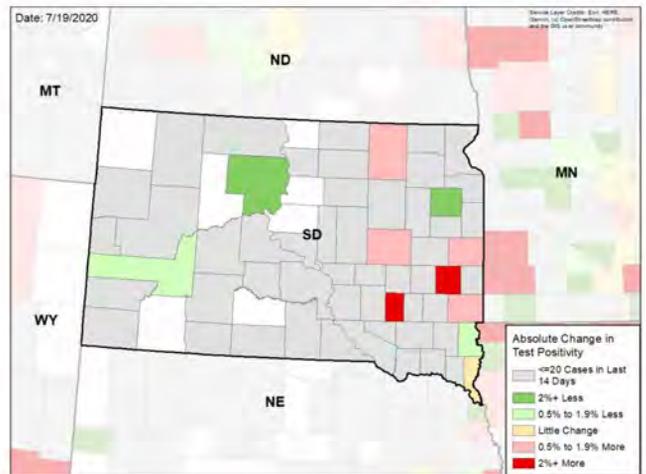
TEST POSITIVITY DURING LAST WEEK



WEEKLY % CHANGE IN NEW CASES PER 100K



WEEKLY CHANGE IN TEST POSITIVITY



DATA SOURCES

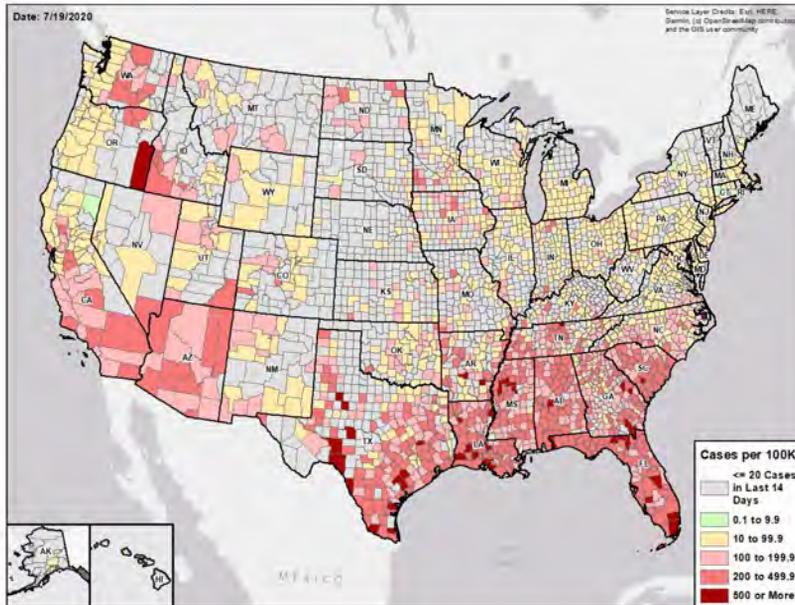
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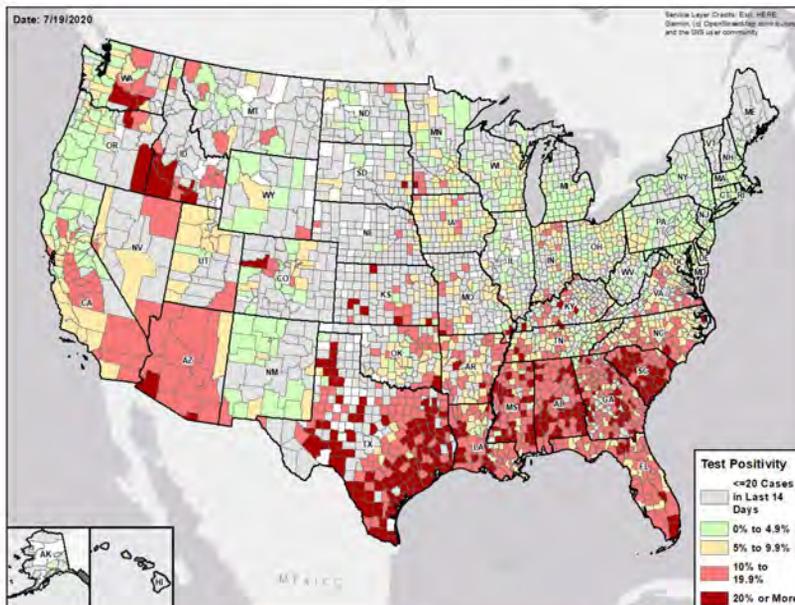


National Picture

NEW CASES PER 100,000 LAST WEEK



TEST POSITIVITY LAST WEEK



DATA SOURCES

Cases: County-level data from USAFacts through 7/17/2020. Last week is 7/11 - 7/17

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 7/15/2020. Last week is 7/9 - 7/15. Testing data may be backfilled over time, resulting in changes week-to-week in testing data. It is critical that states provide as up-to-date testing data as possible.



Methods

STATE REPORT | 07.19.2020

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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	<0.5	0.5-2	>2
Percent change in deaths per 100,000 population	<-10%	-10% - 10%	>10%
Skilled Nursing Facilities with at least one COVID-19 case	0%	0.1%-5%	>5%
Change in SNFs with at least one COVID-19 case	<-0.5%	-0.5%-0.5%	>0.5%

DATA NOTES

- Cases and deaths:** County-level data from USAFacts as of 13:00 EDT on 07/18/2020. 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 7/11 to 7/17; previous week data are from 7/4 to 7/10.
- Testing:** CELR (COVID-19 Electronic Lab Reporting) state health department-reported data are used to describe state-level totals when able to be disaggregated from serology test results and to describe county-level 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. Total diagnostic tests are the number of tests performed, not the number of individuals tested. Diagnostic test positivity rate is the number of positive tests divided by the number of tests performed and resulted. Last week data are from 7/9 to 7/15; previous week data are from 7/2 to 7/8. HHS Protect data is recent as of 16:30 EDT on 07/19/2020. Testing data are inclusive of everything received and processed by the CELR system as of 14:00 EDT on 07/19/2020. Testing data may be backfilled over time, resulting in changes week-to-week in testing data. It is critical that states provide as up-to-date testing data as possible.
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- 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.
- Skilled Nursing Facilities:** National Healthcare Safety Network (NHSN). 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 analysis. Also note that data presented by NHSN is more recent than the data publicly posted by CMS. Therefore, data presented may differ slightly from those publicly posted by CMS.



TENNESSEE

STATE REPORT | 07.19.2020

SUMMARY

- Tennessee is in the red zone for cases, indicating more than 100 new cases per 100,000 population last week, and the yellow zone for test positivity, indicating a rate between 5% to 10%.
- Tennessee has seen an increase in new cases and increasing testing positivity over the past few weeks.
- The following three counties had the highest number of new cases over the past 3 weeks: 1. Davidson County, 2. Shelby County, and 3. Rutherford County. These counties represent 46.1 percent of new cases in Tennessee.
- Tennessee had 202 new cases per 100,000 population in the past week, compared to a national average of 140 per 100,000.
- The federal government has deployed the following staff as assets to support the state response: 3 to support operations activities from FEMA and 3 to support medical activities from VA.
- During Jul 15 - Jul 17, on average, 181 patients with confirmed COVID-19 and 195 patients with suspected COVID-19 were reported as newly admitted each day to hospitals in Tennessee. An average of 79 percent of hospitals reported 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

- In hotspots, close establishments where social distancing and mask use cannot occur, such as bars.
- Move to outdoor dining and limit indoor dining occupancy to less than 25%.
- Mandate public use of masks statewide.
- Protect vulnerable populations in assisted living and long-term care facilities through weekly testing of all workers and requiring masks. In facilities with workers who tested positive, ensure all residents have been tested and appropriate cohorting measures are in place.
- Continue to enhance contact tracing and ensure the ability of cases and contacts to quarantine or isolate safely.
- Monitor testing data to identify additional sites of increased transmission and focus public health resources on them.
- Test households in one tube with rapid turnaround testing. For households that test positive, isolate and conduct follow-up individual tests.
- Expand testing capacity in Public Health labs, adding shifts and weekend shifts to reduce turnaround times.
- Increase messaging of the risk of serious disease in all age groups with preexisting medical conditions, including obesity, hypertension, and diabetes mellitus.
- Specific, detailed guidance on community mitigation measures can be found on the [CDC website](#).

The purpose of this report is to develop a shared understanding of the current status of the pandemic at the national, regional, state and local levels. We recognize that data at the state level may differ from that available at the federal level. Our objective is to use consistent data sources and methods that allow for comparisons to be made across localities. We appreciate your continued support in identifying data discrepancies and improving data completeness and sharing across systems. We look forward to your feedback.

** This figure may differ from state data due to differences in hospital lists between federal and state systems or inclusion of hospitals that are not admitting COVID-19 patients. We are working to incorporate feedback on an ongoing basis to update these figures. These data exclude psychiatric, rehabilitation, and religious non-medical hospitals.*



COVID-19

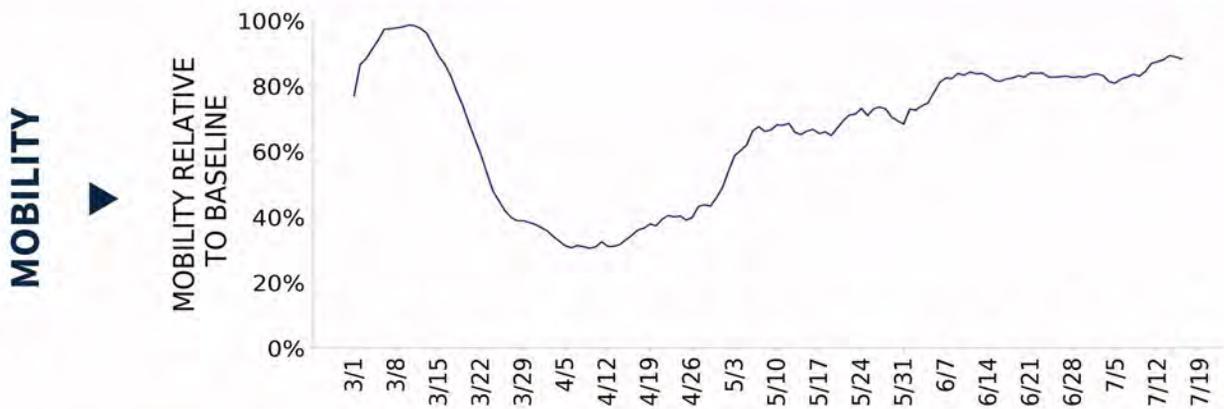
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TENNESSEE

STATE REPORT | 07.19.2020

	STATE, LAST WEEK	STATE, % CHANGE FROM PREVIOUS WEEK	FEMA/HHS REGION, LAST WEEK	UNITED STATES, LAST WEEK
NEW CASES (RATE PER 100,000)	13,783 (202)	+31.2%	169,342 (253)	460,366 (140)
DIAGNOSTIC TEST POSITIVITY RATE	10.0%	+0.1%*	15.5%	9.1%
TOTAL DIAGNOSTIC TESTS (TESTS PER 100,000)	36,763 (538)	-14.8%	990,405 (1,480)	4,940,998 (1,505)
COVID DEATHS (RATE PER 100,000)	102 (1)	+15.9%	1,549 (2)	5,122 (2)
SNFs WITH AT LEAST ONE COVID-19 CASE	6.2%	+0.1%	14.2%	10.0%



* Indicates absolute change in percentage points

DATA SOURCES

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 7/17/2020; last week is 7/11 - 7/17, previous week is 7/4 - 7/10.

Testing: State-level values calculated by using 7-day rolling averages of reported tests. Regional- and national-level values calculated by using a 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 7/15/2020. Last week is 7/9 - 7/15, previous week is 7/2 - 7/8. Testing data are inclusive of everything received and processed by the CELR system as of 14:00 EDT on 07/19/2020. Some dates may be incomplete due to delays in reporting. Testing data may be backfilled over time, resulting in changes week-to-week in testing data. It is critical that states provide as up-to-date testing data as possible.

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; 100% represents the baseline mobility level. Data is anonymized and provided at the county level. Data through 7/16/2020.

SNFs: Skilled nursing facilities. National Healthcare Safety Network. Last week is 7/6-7/12, previous week is 6/29-7/5.



TENNESSEE

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LOCALITIES IN RED ZONE

LOCALITIES IN YELLOW ZONE

METRO AREA (CBSA) LAST WEEK

10

Nashville-Davidson--Murfreesboro--Franklin
Memphis
Cleveland
Morristown
Jackson
Sevierville
Shelbyville
Lawrenceburg
Newport
Brownsville

10

Knoxville
Chattanooga
Clarksville
Kingsport-Bristol
Dyersburg
Tullahoma-Manchester
McMinnville
Athens
Union City
Martin

COUNTY LAST WEEK

24

Top 12 shown (full list below)

Davidson
Shelby
Rutherford
Wilson
Bradley
Montgomery
Sevier
Hamblen
Macon
Madison
Hardeman
Bedford

40

Top 12 shown (full list below)

Hamilton
Williamson
Knox
Sumner
Putnam
Robertson
Maury
Sullivan
Washington
Fayette
Dickson
Dyer

All Red Counties: Davidson, Shelby, Rutherford, Wilson, Bradley, Montgomery, Sevier, Hamblen, Macon, Madison, Hardeman, Bedford, Tipton, Gibson, Lawrence, Cocke, Giles, Haywood, Henderson, Chester, DeKalb, Lincoln, Crockett, Clay

All Yellow Counties: Hamilton, Williamson, Knox, Sumner, Putnam, Robertson, Maury, Sullivan, Washington, Fayette, Dickson, Dyer, Warren, Jefferson, Lauderdale, Cheatham, Smith, McMinn, Loudon, Hardin, McNairy, Claiborne, Obion, Wayne, Coffee, Hickman, White, Weakley, Jackson, Cannon, Grainger, Carroll, Decatur, Polk, Fentress, Houston, Morgan, Grundy, Lake, Van Buren

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 a diagnostic test positivity result above 10%.

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

Note: Top 12 locations are selected based on the highest number of new cases in the last three weeks.

DATA SOURCES

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 7/17/2020; last week is 7/11 - 7/17, three weeks is 6/27 - 7/17.

Testing: HHS Protect laboratory data (provided directly to Federal Government from public health labs, hospital labs, and commercial labs) through 7/15/2020. Last week is 7/9 - 7/15. Testing data may be backfilled over time, resulting in changes week-to-week in testing data. It is critical that states provide as up-to-date testing data as possible.

POLICY RECOMMENDATIONS FOR COUNTIES IN THE RED ZONE

Public Messaging

- Wear a mask at all times outside the home and maintain physical distance
- Limit social gatherings to 10 people or fewer
- Do not go to bars, nightclubs, or gyms
- Use take out or eat outdoors socially distanced
- Protect anyone with serious medical conditions at home by social distancing at home and using high levels of personal hygiene, including handwashing and cleaning surfaces
- Reduce your public interactions and activities to 25% of your normal activity

Public Officials

- Close bars and gyms, and create outdoor dining opportunities with pedestrian areas
- Limit social gatherings to 10 people or fewer
- Institute routine weekly testing of all workers in assisted living and long-term care facilities. Require masks for all staff and prohibit visitors
- Ensure that all business retailers and personal services require masks and can safely social distance
- Increase messaging on the risk of serious disease for individuals in all age groups with preexisting obesity, hypertension, and diabetes mellitus, and recommend to shelter in place
- Work with local community groups to provide targeted, tailored messaging to communities with high case rates, and increase community level testing
- Recruit more contact tracers as community outreach workers to ensure all cases are contacted and all positive households are individually tested within 24 hours
- Provide isolation facilities outside of households if COVID-positive individuals can't quarantine successfully

Testing

- Move to community-led neighborhood testing and work with local community groups to increase access to testing
- Surge testing and contact tracing resources to neighborhoods and zip codes with highest case rates
- **Diagnostic pooling:** Laboratories should use pooling of samples to increase testing access and reduce turnaround times to under 12 hours. Consider pools of 2-3 individuals in high incidence settings and 5:1 pools in setting where test positivity is under 10%
- **Surveillance pooling:** For family and cohabitating households, screen entire households in a single test by pooling specimens of all members into single collection device

POLICY RECOMMENDATIONS FOR COUNTIES IN THE YELLOW ZONE IN ORDER TO PREEMPT EXPONENTIAL COMMUNITY SPREAD

Public Messaging

- Wear a mask at all times outside the home and maintain physical distance
- Limit social gatherings to 25 people or fewer
- Do not go to bars or nightclubs
- Use take out, outdoor dining or indoor dining when strict social distancing can be maintained
- Protect anyone with serious medical conditions at home by social distancing at home and using high levels of personal hygiene
- Reduce your public interactions and activities to 50% of your normal activity

Public Officials

- Limit gyms to 25% occupancy and close bars until percent positive rates are under 3%; create outdoor dining opportunities with pedestrian areas
- Limit social gatherings to 25 people or fewer
- Institute routine weekly testing of all workers in assisted living and long-term care facilities. Require masks for all staff and prohibit visitors
- Ensure that all business retailers and personal services require masks and can safely social distance
- Increase messaging on the risk of serious disease for individuals in all age groups with preexisting obesity, hypertension, and diabetes mellitus, and recommend to shelter in place
- Work with local community groups to provide targeted, tailored messaging to communities with high case rates, and increase community level testing
- Recruit more contact tracers as community outreach workers to ensure all cases are contacted and all positive households are individually tested within 24 hours
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Testing

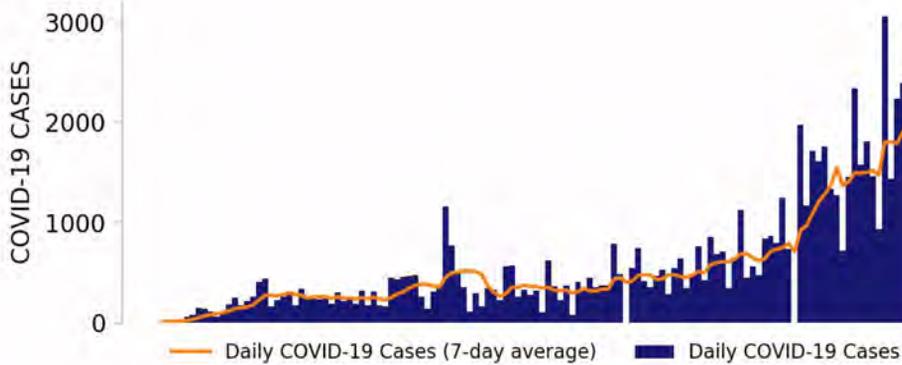
- Move to community-led neighborhood testing and work with local community groups to increase access to testing
- Surge testing and contact tracing resources to neighborhoods and zip codes with highest case rates
- **Diagnostic pooling:** Laboratories should use pooling of samples to increase testing access and reduce turnaround times to under 12 hours. Consider pools of 3-5 individuals
- **Surveillance pooling:** For family and cohabitating households, screen entire households in a single test by pooling specimens of all members into single collection device



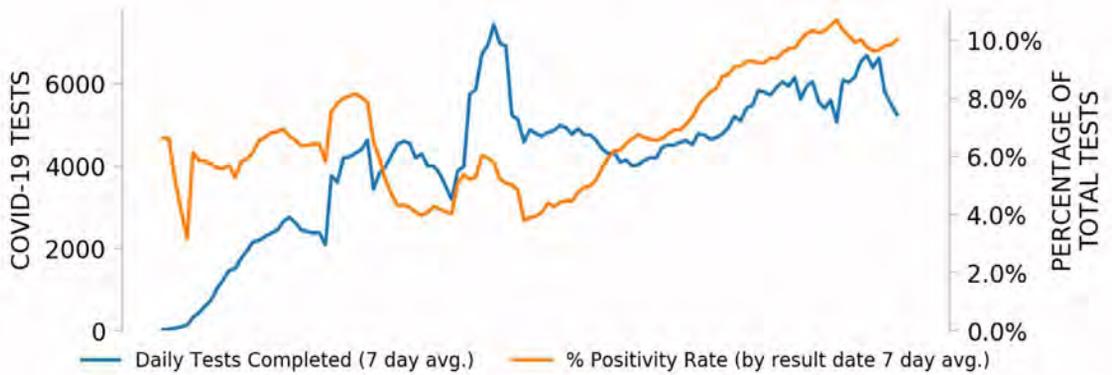
TENNESSEE

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NEW CASES

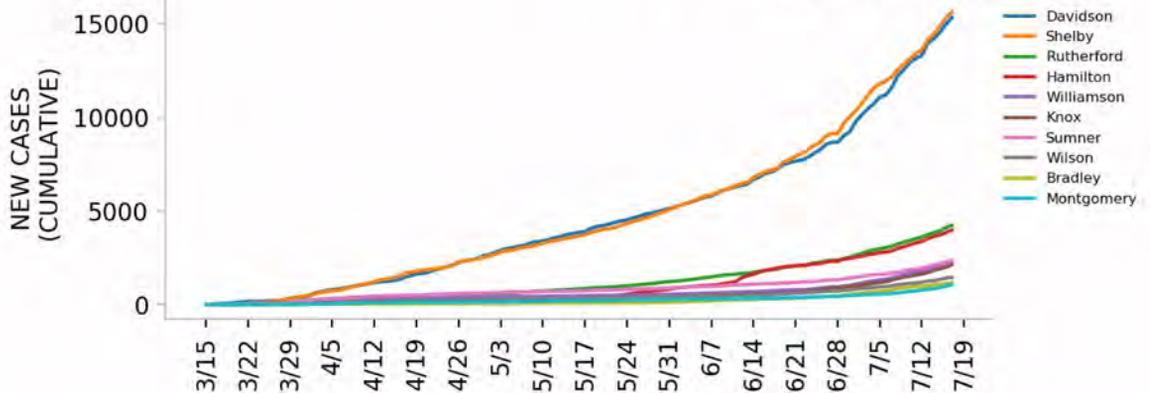


TESTING



Top counties based on greatest number of new cases in last three weeks (6/27 - 7/17)

TOP COUNTIES



DATA SOURCES

Cases: County-level data from USAFacts. 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 7/17/2020.

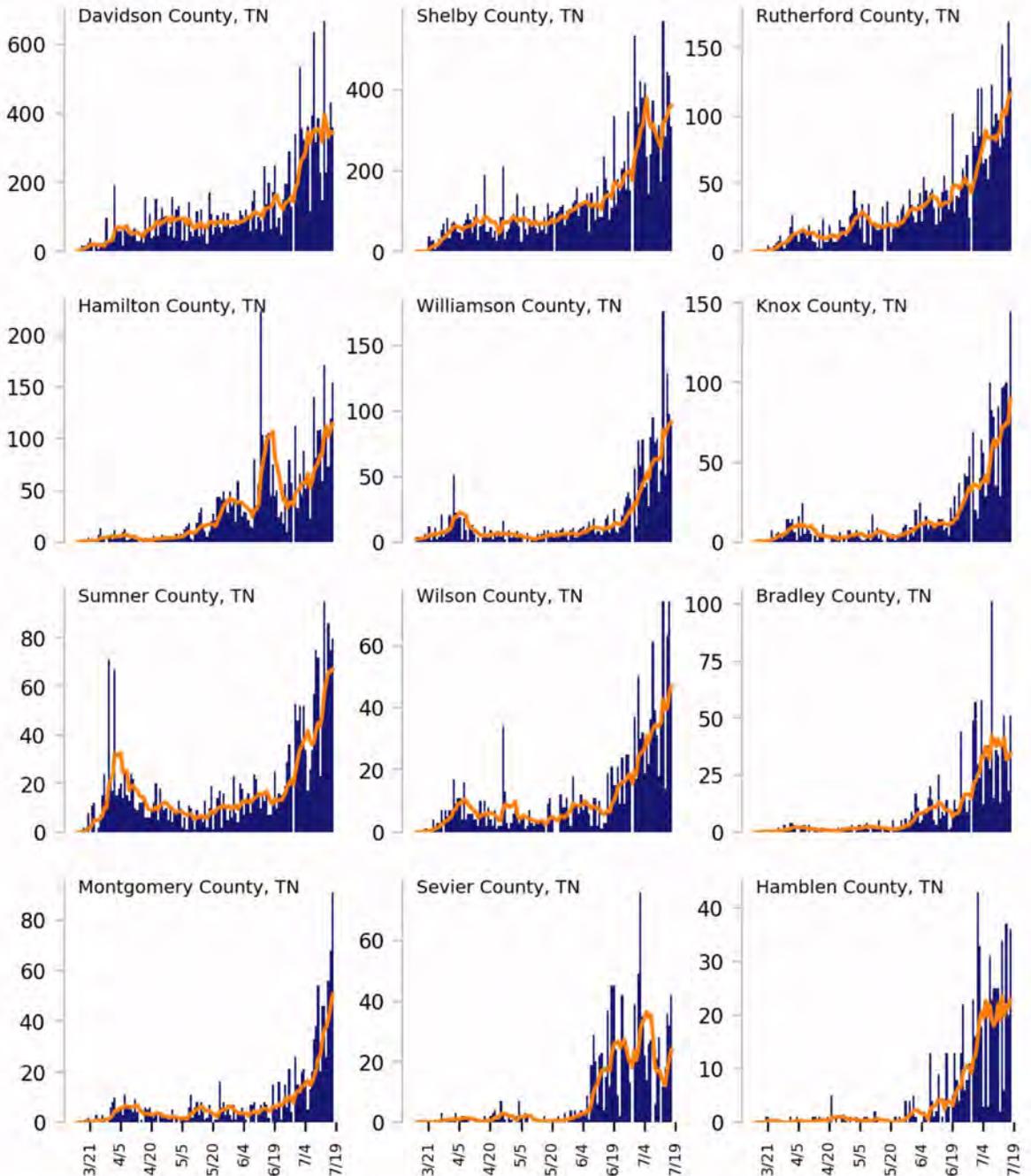
Testing: HHS Protect laboratory data (provided directly to Federal Government from public health labs, hospital labs, and commercial labs) through 7/15/2020.



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



DATA SOURCES

Cases: County-level data from USAFacts through 7/17/2020. Last 3 weeks is 6/27 - 7/17.

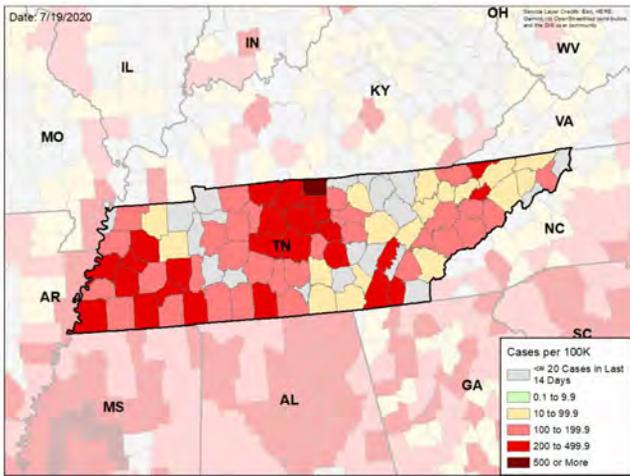


TENNESSEE

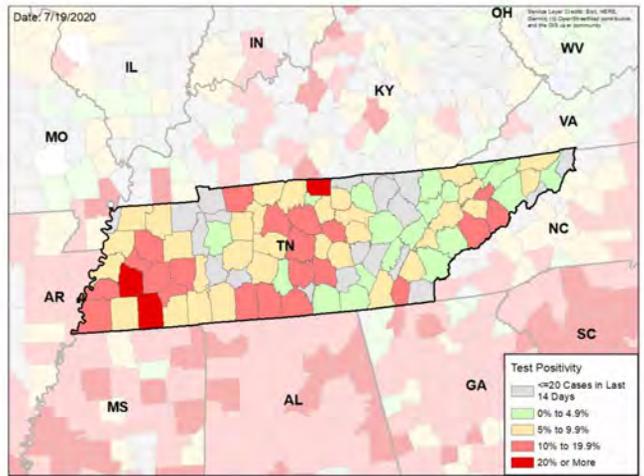
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CASE RATES AND DIAGNOSTIC TEST POSITIVITY DURING THE LAST WEEK

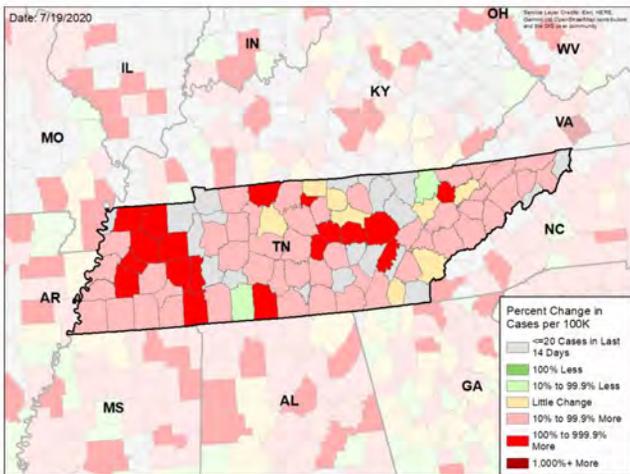
NEW CASES PER 100,000 DURING LAST WEEK



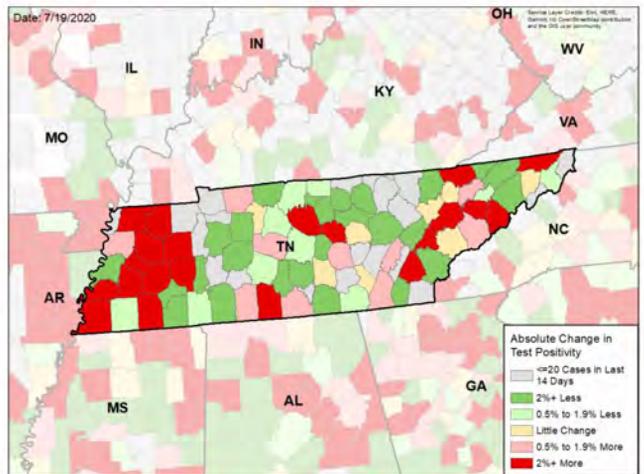
TEST POSITIVITY DURING LAST WEEK



WEEKLY % CHANGE IN NEW CASES PER 100K



WEEKLY CHANGE IN TEST POSITIVITY



DATA SOURCES

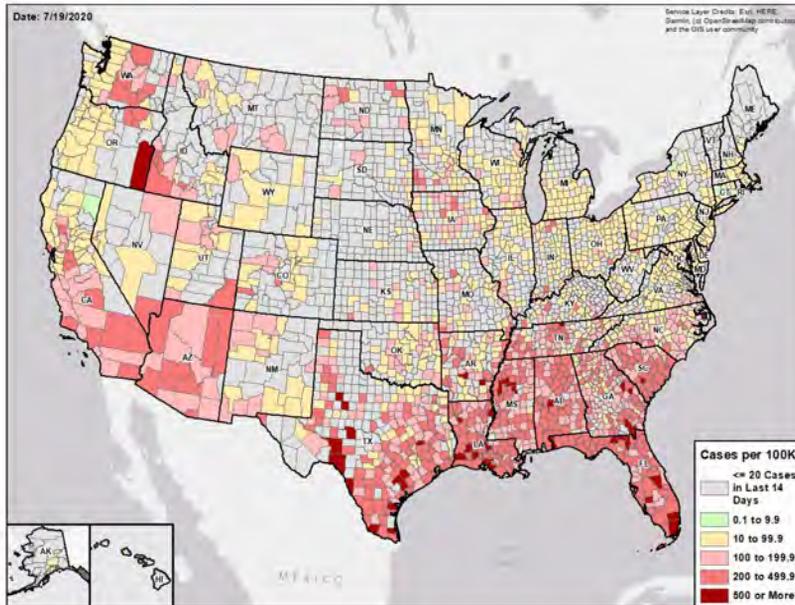
Cases: County-level data from USAFacts through 7/17/2020. Last week is 7/11 - 7/17, previous week is 7/4 - 7/10

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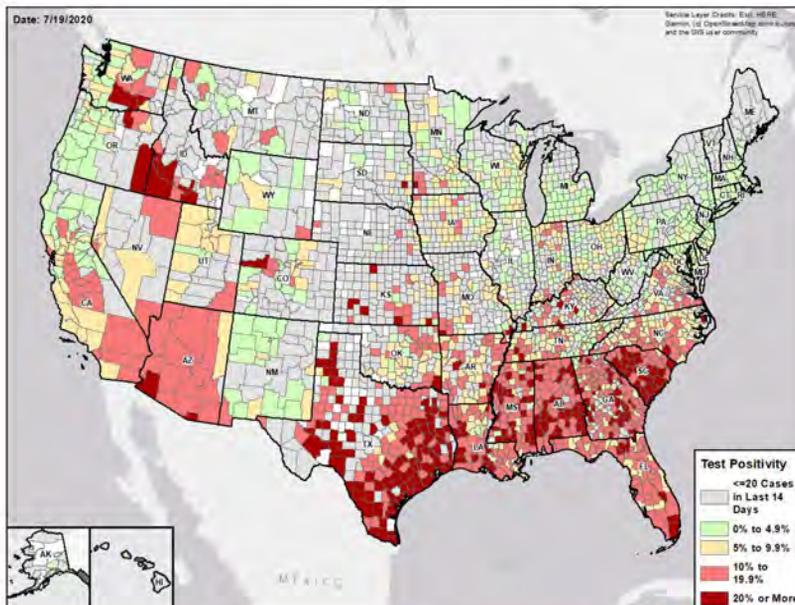


National Picture

NEW CASES PER 100,000 LAST WEEK



TEST POSITIVITY LAST WEEK



DATA SOURCES

Cases: County-level data from USAFacts through 7/17/2020. Last week is 7/11 - 7/17

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 7/15/2020. Last week is 7/9 - 7/15. Testing data may be backfilled over time, resulting in changes week-to-week in testing data. It is critical that states provide as up-to-date testing data as possible.



Methods

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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	<0.5	0.5-2	>2
Percent change in deaths per 100,000 population	<-10%	-10% - 10%	>10%
Skilled Nursing Facilities with at least one COVID-19 case	0%	0.1%-5%	>5%
Change in SNFs with at least one COVID-19 case	<-0.5%	-0.5%-0.5%	>0.5%

DATA NOTES

- Cases and deaths:** County-level data from USAFacts as of 13:00 EDT on 07/18/2020. 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 7/11 to 7/17; previous week data are from 7/4 to 7/10.
- Testing:** CELR (COVID-19 Electronic Lab Reporting) state health department-reported data are used to describe state-level totals when able to be disaggregated from serology test results and to describe county-level 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. Total diagnostic tests are the number of tests performed, not the number of individuals tested. Diagnostic test positivity rate is the number of positive tests divided by the number of tests performed and resulted. Last week data are from 7/9 to 7/15; previous week data are from 7/2 to 7/8. HHS Protect data is recent as of 16:30 EDT on 07/19/2020. Testing data are inclusive of everything received and processed by the CELR system as of 14:00 EDT on 07/19/2020. Testing data may be backfilled over time, resulting in changes week-to-week in testing data. It is critical that states provide as up-to-date testing data as possible.
- 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; 100% represents the baseline mobility level. Data is recent as of 13:00 EDT on 07/18/2020 and through 7/16/2020.
- 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.
- Skilled Nursing Facilities:** National Healthcare Safety Network (NHSN). 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 analysis. Also note that data presented by NHSN is more recent than the data publicly posted by CMS. Therefore, data presented may differ slightly from those publicly posted by CMS.



TEXAS

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SUMMARY

- Texas is in the red zone for cases, indicating more than 100 new cases per 100,000 population last week, and the red zone for test positivity, indicating a rate above 10%.
- Texas has seen an increase in new cases and early stability in testing positivity over the past week.
- The following three counties had the highest number of new cases over the past 3 weeks: 1. Harris County, 2. Dallas County, and 3. Bexar County. These counties represent 35.7 percent of new cases in Texas.
- Texas is experiencing broad community spread across the state, requiring mitigation in rural and urban areas, and large and small metro areas.
- Texas had 251 new cases per 100,000 population in the past week, compared to a national average of 140 per 100,000.
- The federal government has deployed the following staff as assets to support the state response: 172 to support medical activities from DOD; 1 from DOT; 75 to support operations activities from FEMA; 213 to support medical activities from ASPR; 35 to support operations activities from ASPR; 10 from CDC; 9 to support operations activities from USCG; 5 to support medical activities from VA; and 1 to support operations activities from VA.
- During Jul 15 - Jul 17, on average, 927 patients with confirmed COVID-19 and 668 patients with suspected COVID-19 were reported as newly admitted each day to hospitals in Texas. An average of 67 percent of hospitals reported 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

- Continue routine weekly testing of all workers in assisted living and long-term care facilities and require masks and social distancing for all visitors.
- Mandate masks in all counties with rising test percent positivity. Multiple counties and metros are now in this category.
- Close all bars in all counties with rising test percent positivity. Increase outdoor dining opportunities and decrease indoor dining to 25% of normal capacity.
- Ensure every citizen knows to limit social gatherings to fewer than 10 people.
- Continue the scale-up of testing, moving to community-led neighborhood testing and working with local community groups to increase household testing of multigenerational households. Give clear guidance on test positive isolation procedures and mask use.
- Ensure all individuals and households engaged in any large multi-household activities are immediately tested, either in pools or as individuals.
- Increase messaging regarding the risk of serious disease in all age groups with preexisting obesity, hypertension, and diabetes mellitus.
- Expand testing capacity in public health labs by adding shifts and weekend shifts to reduce turnaround times. Institute 2:1 pooling of test specimens.
- Expand pooled collection into neighborhoods with household pools, allowing rapid household alerts and household isolation with follow-up individual diagnostic tests. This approach will allow rapid screening of entire neighborhoods and isolation of cases to dramatically decrease spread.
- Specific, detailed guidance on community mitigation measures can be found on the [CDC website](#).

The purpose of this report is to develop a shared understanding of the current status of the pandemic at the national, regional, state and local levels. We recognize that data at the state level may differ from that available at the federal level. Our objective is to use consistent data sources and methods that allow for comparisons to be made across localities. We appreciate your continued support in identifying data discrepancies and improving data completeness and sharing across systems. We look forward to your feedback.

** This figure may differ from state data due to differences in hospital lists between federal and state systems or inclusion of hospitals that are not admitting COVID-19 patients. We are working to incorporate feedback on an ongoing basis to update these figures. These data exclude psychiatric, rehabilitation, and religious non-medical hospitals.*



COVID-19

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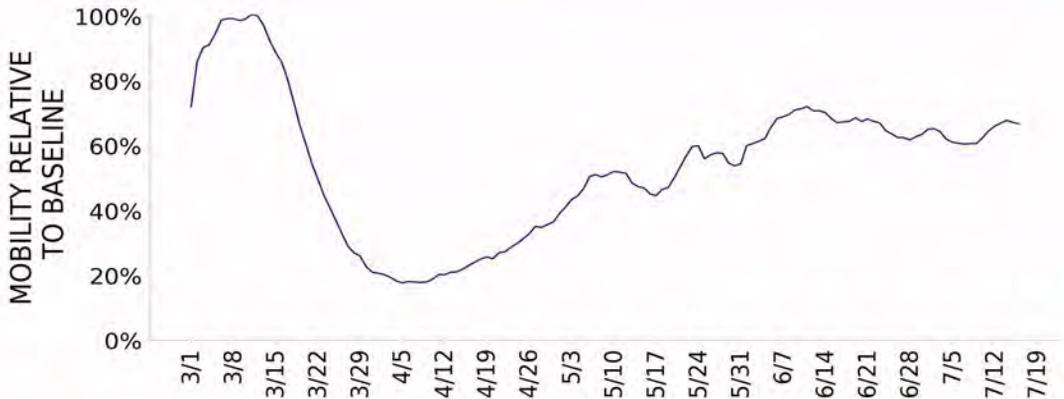


TEXAS

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	STATE, LAST WEEK	STATE, % CHANGE FROM PREVIOUS WEEK	FEMA/HHS REGION, LAST WEEK	UNITED STATES, LAST WEEK
NEW CASES (RATE PER 100,000)	72,785 (251)	+23.1%	98,661 (231)	460,366 (140)
DIAGNOSTIC TEST POSITIVITY RATE	20.5%	-0.3%*	16.1%	9.1%
TOTAL DIAGNOSTIC TESTS (TESTS PER 100,000)	282,947 (976)	-10.1%	515,746 (1,207)	4,940,998 (1,505)
COVID DEATHS (RATE PER 100,000)	725 (3)	+45.9%	948 (2)	5,122 (2)
SNFs WITH AT LEAST ONE COVID-19 CASE	16.0%	+0.0%	14.1%	10.0%

MOBILITY



* Indicates absolute change in percentage points

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SNFs: Skilled nursing facilities. National Healthcare Safety Network. Last week is 7/6-7/12, previous week is 6/29-7/5.



TEXAS

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LOCALITIES IN RED ZONE

LOCALITIES IN YELLOW ZONE

METRO AREA (CBSA) LAST WEEK

56
Top 12 shown (full list below)

Dallas-Fort Worth-Arlington
Houston-The Woodlands-Sugar Land
San Antonio-New Braunfels
Austin-Round Rock-Georgetown
McAllen-Edinburg-Mission
Corpus Christi
El Paso
Beaumont-Port Arthur
Brownsville-Harlingen
Waco
Laredo
Lubbock

15
Top 12 shown (full list below)

Wichita Falls
Sherman-Denison
Brenham
Gainesville
Levelland
Bonham
Pecos
Mineral Wells
Lamesa
Big Spring
Fredericksburg
Dumas

COUNTY LAST WEEK

144
Top 12 shown (full list below)

Harris
Dallas
Bexar
Tarrant
Travis
Hidalgo
Nueces
El Paso
Galveston
Cameron
Williamson
Jefferson

65
Top 12 shown (full list below)

Collin
Wichita
Grayson
Potter
Bowie
Waller
Washington
Wise
Burleson
Coryell
Austin
Cooke

All Red CBSAs: Dallas-Fort Worth-Arlington, Houston-The Woodlands-Sugar Land, San Antonio-New Braunfels, Austin-Round Rock-Georgetown, McAllen-Edinburg-Mission, Corpus Christi, El Paso, Beaumont-Port Arthur, Brownsville-Harlingen, Waco, Laredo, Lubbock, College Station-Bryan, Victoria, Odessa, Killeen-Temple, Tyler, San Angelo, Palestine, Longview, Eagle Pass, Rio Grande City-Roma, Midland, Del Rio, Amarillo, Plainview, Huntsville, Abilene, Lufkin, Alice, Bay City, Jacksonville, Corsicana, Mount Pleasant, Raymondville, Snyder, Stephenville, Nacogdoches, Athens, Uvalde, El Campo, Paris, Kingsville, Kerrville, Brownwood, Granbury, Pearsall, Texarkana, Beeville, Hereford, Andrews, Port Lavaca, Zapata, Rockport, Sulphur Springs, Sweetwater

All Yellow CBSAs: Wichita Falls, Sherman-Denison, Brenham, Gainesville, Levelland, Bonham, Pecos, Mineral Wells, Lamesa, Big Spring, Fredericksburg, Dumas, Borger, Pampa, Vernon

All Red Counties: Harris, Dallas, Bexar, Tarrant, Travis, Hidalgo, Nueces, El Paso, Galveston, Cameron, Williamson, Jefferson, Montgomery, McLennan, Webb, Lubbock, Brazoria, Fort Bend, Denton, Ector, Victoria, Brazos, Hays, Bell, Smith, Ellis, Tom Green, Anderson, Comal, Maverick, Starr, Midland, Val Verde, Kaufman, Gregg, Hale, Johnson, Guadalupe, Walker, Bastrop, Angelina, Orange, Caldwell, Taylor, Parker, Hunt, Chambers, Randall, Matagorda, Cherokee, Liberty, Grimes, Navarro, Willacy, Scurry, Erath, Jim Wells, Hardin, Polk, San Patricio, Titus, Nacogdoches, Atascosa, DeWitt, Lavaca, Uvalde, Henderson, Wharton, Lamar, Harrison, Kleberg, Kerr, Burnet, Brown, Rockwall, Hood, Gonzales, Frio, Medina, Wilson, Van Zandt, Bee, Deaf Smith, Madison, Milam, Hill, Fayette, Andrews, Calhoun, Colorado, Robertson, Leon, San Jacinto, Jackson, Wood, Duval, La Salle, Crockett, Karnes, Freestone, Zapata, Live Oak, Aransas, Trinity, Zavala, Hopkins, Castro, Lee, Refugio, Nolan, Shelby, Ward, Brooks, Pecos, Garza, Young, Camp, Reagan, Terry, Marion, Houston, Dimmit, Winkler, Floyd, San Augustine, Jones, Swisher, Sutton, Somervell, Jim Hogg, Yoakum, Haskell, Runnels, Franklin, Lynn, Morris, Schleicher, Newton, Concho, Edwards, Culberson, Donley, Real, McMullen

All Yellow Counties: Collin, Wichita, Grayson, Potter, Bowie, Waller, Wise, Washington, Burleson, Coryell, Cooke, Austin, Hockley, Fannin, Limestone, Reeves, Parmer, Upshur, Palo Pinto, Dawson, Howard, Llano, Kendall, Jasper, Gillespie, Bosque, Cass, Blanco, Falls, Moore, Gaines, Panola, Hutchinson, Bandera, Lampasas, Tyler, Gray, Red River, Mitchell, Goliad, McCulloch, Comanche, Crosby, Rusk, Hemphill, Montague, Clay, Eastland, Crane, Callahan, Sabine, Wilbarger, Stephens, Upton, Shackelford, Ochiltree, Wheeler, San Saba, Mason, Delta, Coleman, Hudspeth, Oldham, Hardeman, Cottle

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 a diagnostic test positivity result above 10%.

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

Note: Top 12 locations are selected based on the highest number of new cases in the last three weeks.

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POLICY RECOMMENDATIONS FOR COUNTIES IN THE RED ZONE

Public Messaging

- Wear a mask at all times outside the home and maintain physical distance
- Limit social gatherings to 10 people or fewer
- Do not go to bars, nightclubs, or gyms
- Use take out or eat outdoors socially distanced
- Protect anyone with serious medical conditions at home by social distancing at home and using high levels of personal hygiene, including handwashing and cleaning surfaces
- Reduce your public interactions and activities to 25% of your normal activity

Public Officials

- Close bars and gyms, and create outdoor dining opportunities with pedestrian areas
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- Institute routine weekly testing of all workers in assisted living and long-term care facilities. Require masks for all staff and prohibit visitors
- Ensure that all business retailers and personal services require masks and can safely social distance
- Increase messaging on the risk of serious disease for individuals in all age groups with preexisting obesity, hypertension, and diabetes mellitus, and recommend to shelter in place
- Work with local community groups to provide targeted, tailored messaging to communities with high case rates, and increase community level testing
- Recruit more contact tracers as community outreach workers to ensure all cases are contacted and all positive households are individually tested within 24 hours
- Provide isolation facilities outside of households if COVID-positive individuals can't quarantine successfully

Testing

- Move to community-led neighborhood testing and work with local community groups to increase access to testing
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POLICY RECOMMENDATIONS FOR COUNTIES IN THE YELLOW ZONE IN ORDER TO PREEMPT EXPONENTIAL COMMUNITY SPREAD

Public Messaging

- Wear a mask at all times outside the home and maintain physical distance
- Limit social gatherings to 25 people or fewer
- Do not go to bars or nightclubs
- Use take out, outdoor dining or indoor dining when strict social distancing can be maintained
- Protect anyone with serious medical conditions at home by social distancing at home and using high levels of personal hygiene
- Reduce your public interactions and activities to 50% of your normal activity

Public Officials

- Limit gyms to 25% occupancy and close bars until percent positive rates are under 3%; create outdoor dining opportunities with pedestrian areas
- Limit social gatherings to 25 people or fewer
- Institute routine weekly testing of all workers in assisted living and long-term care facilities. Require masks for all staff and prohibit visitors
- Ensure that all business retailers and personal services require masks and can safely social distance
- Increase messaging on the risk of serious disease for individuals in all age groups with preexisting obesity, hypertension, and diabetes mellitus, and recommend to shelter in place
- Work with local community groups to provide targeted, tailored messaging to communities with high case rates, and increase community level testing
- Recruit more contact tracers as community outreach workers to ensure all cases are contacted and all positive households are individually tested within 24 hours
- Provide isolation facilities outside of households if COVID-positive individuals can't quarantine successfully

Testing

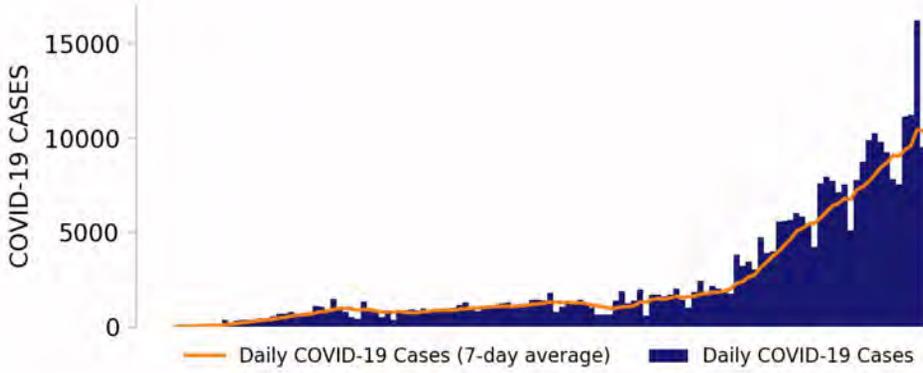
- Move to community-led neighborhood testing and work with local community groups to increase access to testing
- Surge testing and contact tracing resources to neighborhoods and zip codes with highest case rates
- **Diagnostic pooling:** Laboratories should use pooling of samples to increase testing access and reduce turnaround times to under 12 hours. Consider pools of 3-5 individuals
- **Surveillance pooling:** For family and cohabitating households, screen entire households in a single test by pooling specimens of all members into single collection device



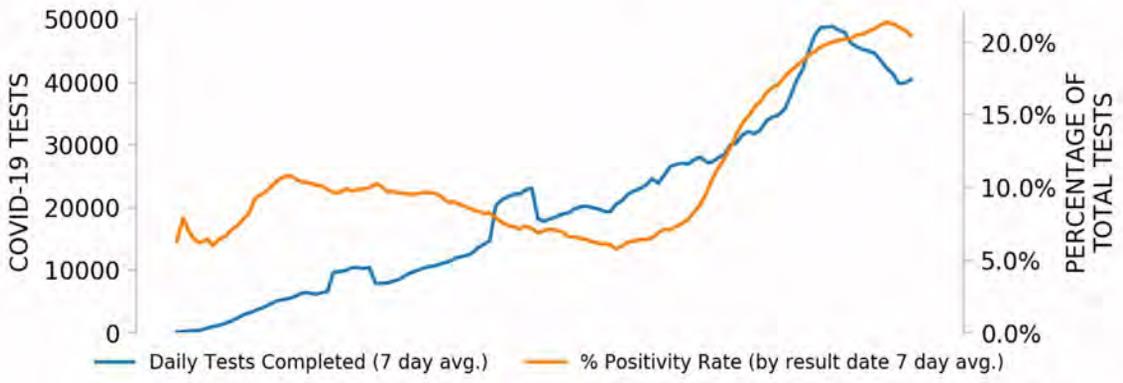
TEXAS

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NEW CASES

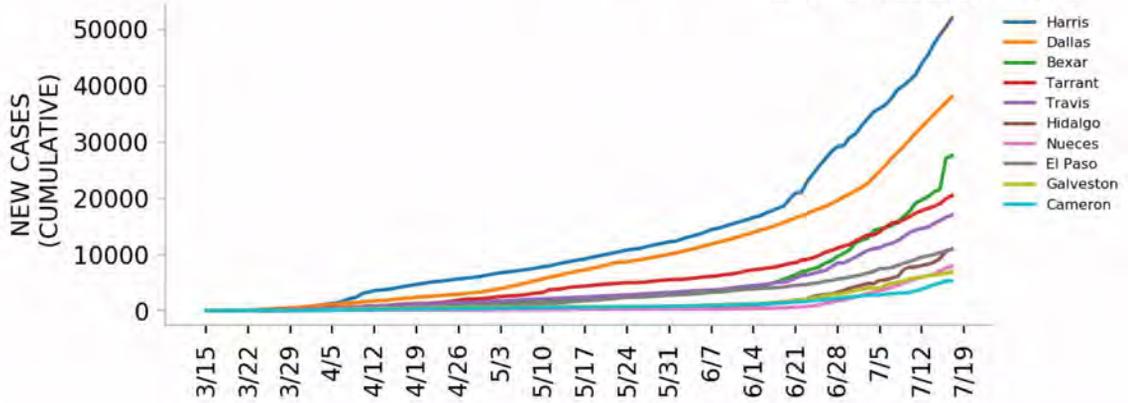


TESTING



Top counties based on greatest number of new cases in last three weeks (6/27 - 7/17)

TOP COUNTIES



DATA SOURCES

Cases: County-level data from USAFacts. 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 7/17/2020.

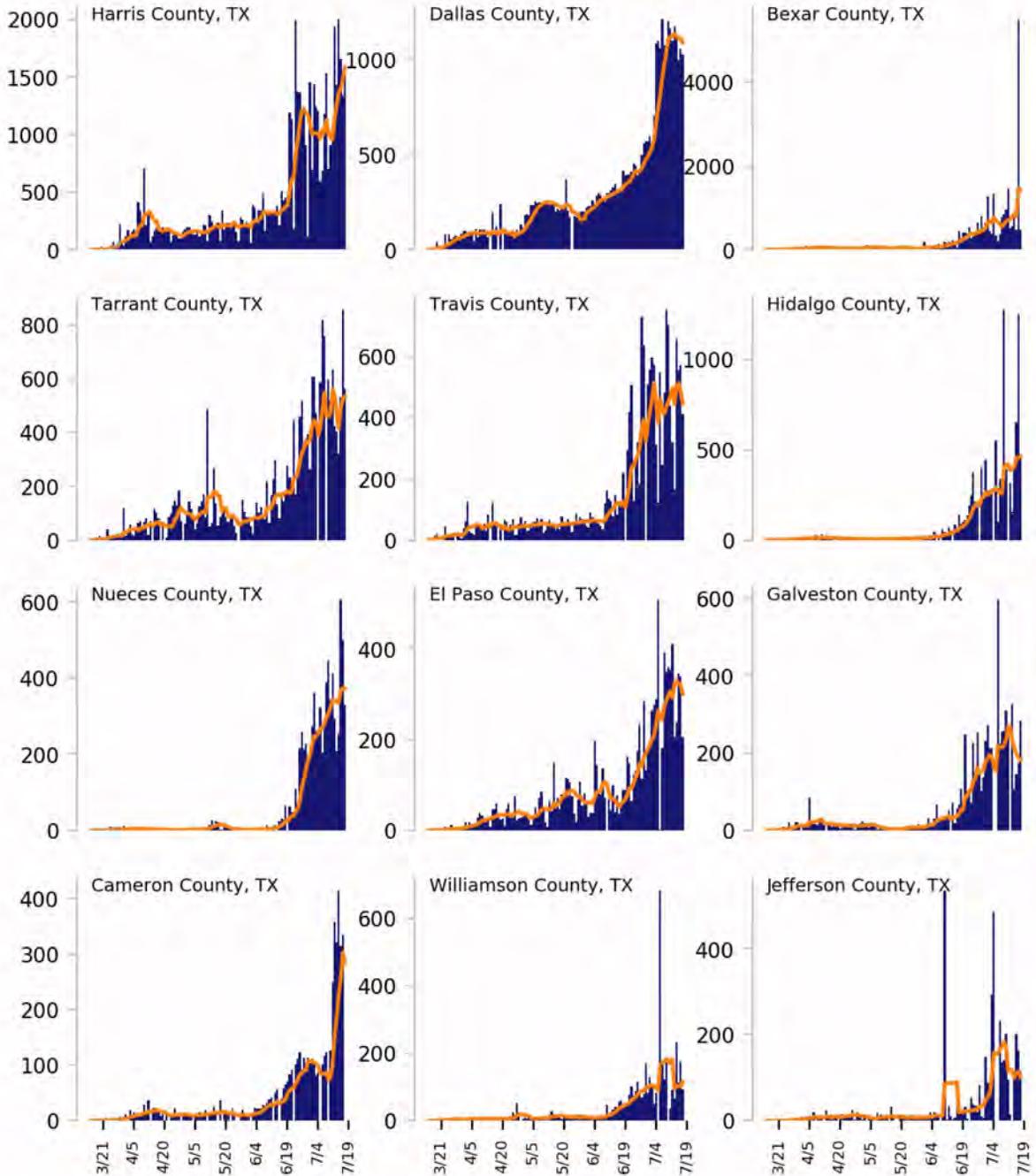
Testing: HHS Protect laboratory data (provided directly to Federal Government from public health labs, hospital labs, and commercial labs) through 7/15/2020.



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



DATA SOURCES

Cases: County-level data from USAFacts through 7/17/2020. Last 3 weeks is 6/27 - 7/17.

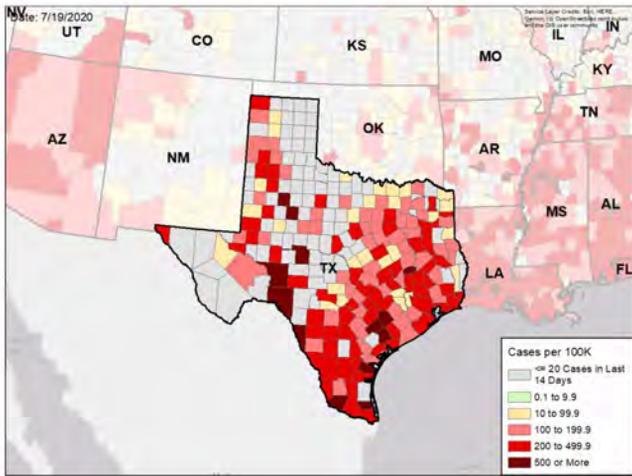


TEXAS

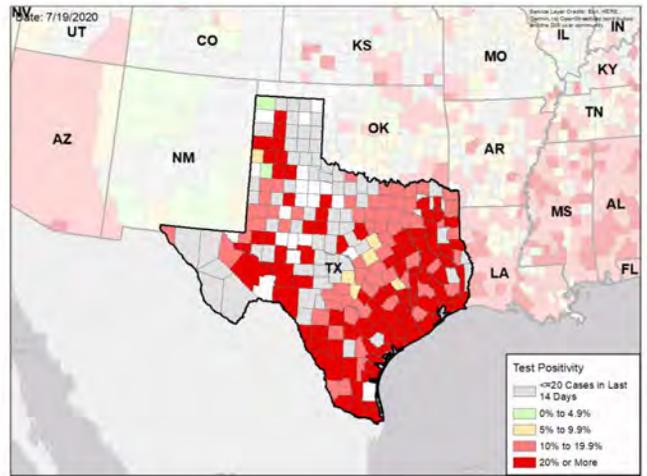
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CASE RATES AND DIAGNOSTIC TEST POSITIVITY DURING THE LAST WEEK

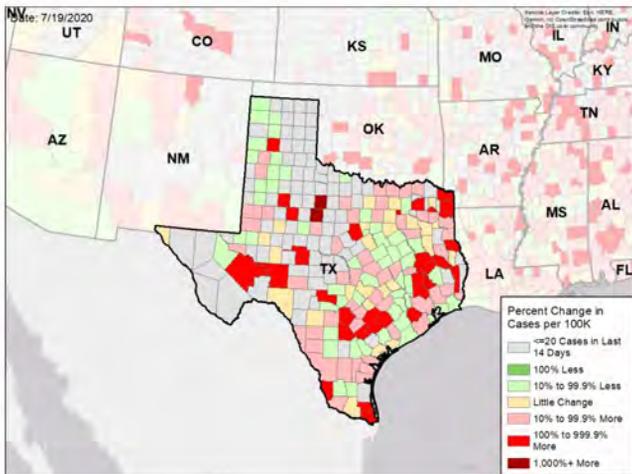
NEW CASES PER 100,000 DURING LAST WEEK



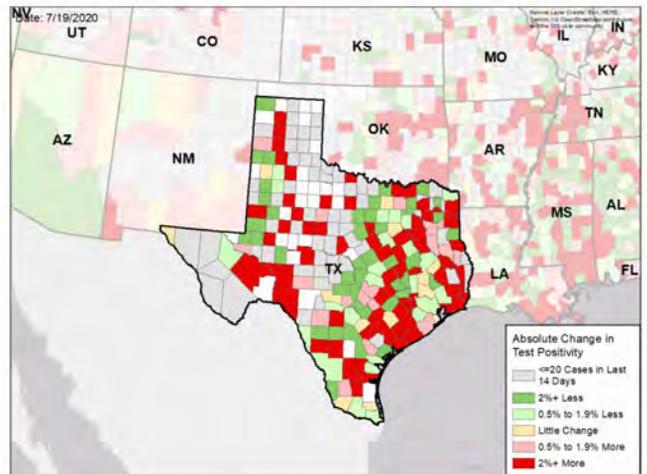
TEST POSITIVITY DURING LAST WEEK



WEEKLY % CHANGE IN NEW CASES PER 100K



WEEKLY CHANGE IN TEST POSITIVITY



DATA SOURCES

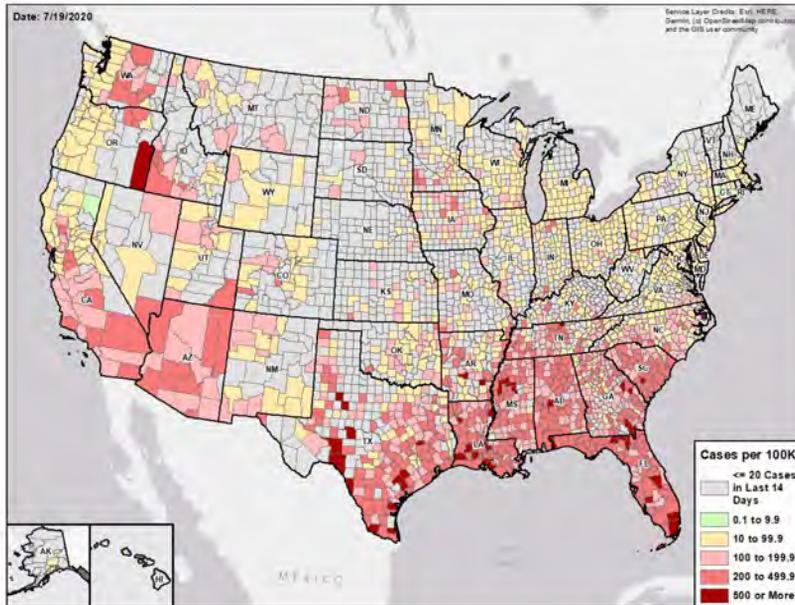
Cases: County-level data from USAFacts through 7/17/2020. Last week is 7/11 - 7/17, previous week is 7/4 - 7/10

Testing: HHS Protect laboratory data (provided directly to Federal Government from public health labs, hospital labs, and commercial labs) through 7/15/2020. Last week is 7/9 - 7/15, previous week is 7/2 - 7/8. Testing data may be backfilled over time, resulting in changes week-to-week in testing data. It is critical that states provide as up-to-date testing data as possible.

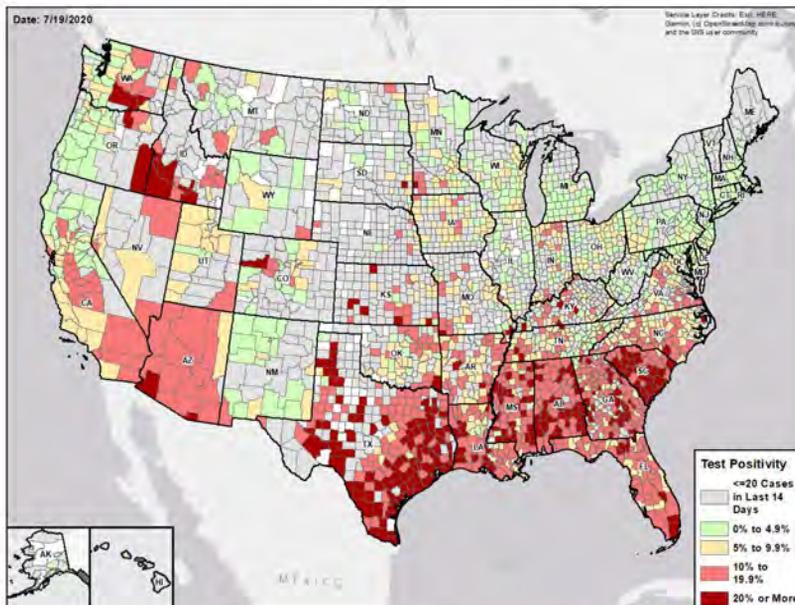


National Picture

NEW CASES PER 100,000 LAST WEEK



TEST POSITIVITY LAST WEEK



DATA SOURCES

Cases: County-level data from USAFacts through 7/17/2020. Last week is 7/11 - 7/17

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 7/15/2020. Last week is 7/9 - 7/15. Testing data may be backfilled over time, resulting in changes week-to-week in testing data. It is critical that states provide as up-to-date testing data as possible.



Methods

STATE REPORT | 07.19.2020

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)

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	<0.5	0.5-2	>2
Percent change in deaths per 100,000 population	<-10%	-10% - 10%	>10%
Skilled Nursing Facilities with at least one COVID-19 case	0%	0.1%-5%	>5%
Change in SNFs with at least one COVID-19 case	<-0.5%	-0.5%-0.5%	>0.5%

DATA NOTES

- Cases and deaths:** County-level data from USAFacts as of 13:00 EDT on 07/18/2020. 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 7/11 to 7/17; previous week data are from 7/4 to 7/10.
- Testing:** CELR (COVID-19 Electronic Lab Reporting) state health department-reported data are used to describe state-level totals when able to be disaggregated from serology test results and to describe county-level 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. Total diagnostic tests are the number of tests performed, not the number of individuals tested. Diagnostic test positivity rate is the number of positive tests divided by the number of tests performed and resulted. Last week data are from 7/9 to 7/15; previous week data are from 7/2 to 7/8. HHS Protect data is recent as of 16:30 EDT on 07/19/2020. Testing data are inclusive of everything received and processed by the CELR system as of 14:00 EDT on 07/19/2020. Testing data may be backfilled over time, resulting in changes week-to-week in testing data. It is critical that states provide as up-to-date testing data as possible.
- 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; 100% represents the baseline mobility level. Data is recent as of 13:00 EDT on 07/18/2020 and through 7/16/2020.
- 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.
- Skilled Nursing Facilities:** National Healthcare Safety Network (NHSN). 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 analysis. Also note that data presented by NHSN is more recent than the data publicly posted by CMS. Therefore, data presented may differ slightly from those publicly posted by CMS.



UTAH

STATE REPORT | 07.19.2020

SUMMARY

- Utah is in the red zone for cases, indicating more than 100 new cases per 100,000 population last week, and the yellow zone for test positivity, indicating a rate between 5% to 10%.
- Utah has seen stability in new cases and a decrease in testing positivity over the past week.
- The following three counties had the highest number of new cases over the past 3 weeks: 1. Salt Lake County, 2. Utah County, and 3. Davis County. These counties represent 74.1 percent of new cases in Utah.
- Utah had 131 new cases per 100,000 population in the past week, compared to a national average of 140 per 100,000.
- The federal government has deployed the following staff as assets to support the state response: 2 to support operations activities from FEMA.
- During Jul 15 - Jul 17, on average, 24 patients with confirmed COVID-19 and 51 patients with suspected COVID-19 were reported as newly admitted each day to hospitals in Utah. An average of 82 percent of hospitals reported 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

- In hot zones, close establishments where social distancing and mask use cannot occur such as bars.
- Move to outdoor dining and limit indoor dining occupancy to less than 25%.
- Continue mandating public use of masks statewide.
- Protect vulnerable populations in assisted living and long-term care facilities through weekly testing of all workers and requiring masks. In facilities with workers who tested positive, ensure all residents have been tested and appropriate cohorting measures are in place.
- Continue to enhance contact tracing and ensure the ability of cases and contacts to quarantine or isolate safely.
- Monitor testing data to identify additional sites of increased transmission and focus public health resources on them.
- Test households in one tube with rapid turnaround testing. For households that test positive, isolate and conduct follow-up individual tests.
- Expand testing capacity in Public Health labs, adding shifts and weekend shifts to reduce turnaround times.
- Increase messaging of the risk of serious disease in all age groups with preexisting medical conditions, including obesity, hypertension, and diabetes mellitus.
- Specific, detailed guidance on community mitigation measures can be found on the [CDC website](#).

The purpose of this report is to develop a shared understanding of the current status of the pandemic at the national, regional, state and local levels. We recognize that data at the state level may differ from that available at the federal level. Our objective is to use consistent data sources and methods that allow for comparisons to be made across localities. We appreciate your continued support in identifying data discrepancies and improving data completeness and sharing across systems. We look forward to your feedback.

** This figure may differ from state data due to differences in hospital lists between federal and state systems or inclusion of hospitals that are not admitting COVID-19 patients. We are working to incorporate feedback on an ongoing basis to update these figures. These data exclude psychiatric, rehabilitation, and religious non-medical hospitals.*



COVID-19

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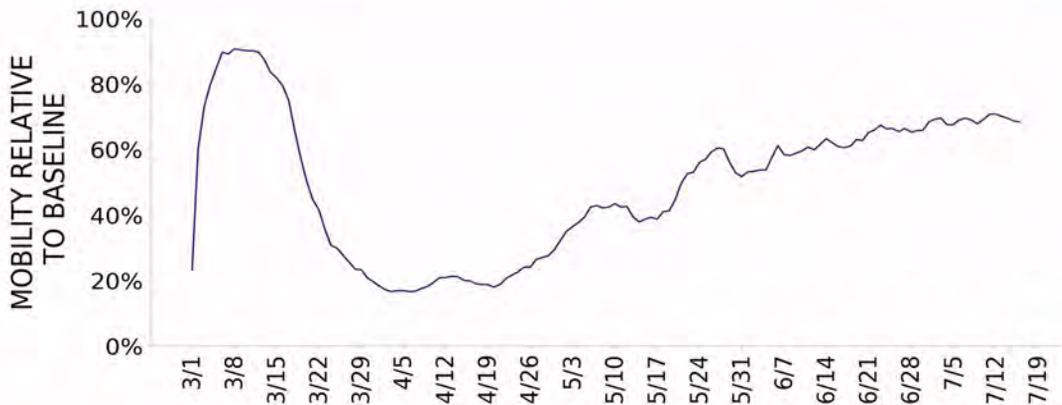


UTAH

STATE REPORT | 07.19.2020

	STATE, LAST WEEK	STATE, % CHANGE FROM PREVIOUS WEEK	FEMA/HHS REGION, LAST WEEK	UNITED STATES, LAST WEEK
NEW CASES (RATE PER 100,000)	4,198 (131)	-5.0%	9,520 (78)	460,366 (140)
DIAGNOSTIC TEST POSITIVITY RATE	8.4%	-0.9%*	6.0%	9.1%
TOTAL DIAGNOSTIC TESTS (TESTS PER 100,000)	66,810 (2,084)	+14.9%	182,910 (1,492)	4,940,998 (1,505)
COVID DEATHS (RATE PER 100,000)	28 (1)	+7.7%	81 (1)	5,122 (2)
SNFs WITH AT LEAST ONE COVID-19 CASE	6.4%	-0.4%	4.5%	10.0%

MOBILITY



* Indicates absolute change in percentage points

DATA SOURCES

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 7/17/2020; last week is 7/11 - 7/17, previous week is 7/4 - 7/10.

Testing: State-level values calculated by using 7-day rolling averages of reported tests. Regional- and national-level values calculated by using a 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 7/15/2020. Last week is 7/9 - 7/15, previous week is 7/2 - 7/8. Testing data are inclusive of everything received and processed by the CELR system as of 14:00 EDT on 07/19/2020. Some dates may be incomplete due to delays in reporting. Testing data may be backfilled over time, resulting in changes week-to-week in testing data. It is critical that states provide as up-to-date testing data as possible.

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; 100% represents the baseline mobility level. Data is anonymized and provided at the county level. Data through 7/16/2020.

SNFs: Skilled nursing facilities. National Healthcare Safety Network. Last week is 7/6-7/12, previous week is 6/29-7/5.



UTAH

STATE REPORT | 07.19.2020

LOCALITIES IN RED ZONE

LOCALITIES IN YELLOW ZONE

METRO AREA (CBSA) LAST WEEK

0	N/A
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7	<ul style="list-style-type: none"> Salt Lake City Ogden-Clearfield Provo-Orem St. George Logan Heber Cedar City
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COUNTY LAST WEEK

1	San Juan
----------	----------

15	<ul style="list-style-type: none"> Salt Lake Utah Davis Weber Washington Cache Tooele Iron Summit Box Elder Wasatch Millard
Top 12 shown (full list below)	

All Yellow Counties: Salt Lake, Utah, Davis, Weber, Washington, Cache, Tooele, Iron, Summit, Box Elder, Wasatch, Millard, Duchesne, Kane, Morgan

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 a diagnostic test positivity result above 10%.

Yellow Zone: Those core-based statistical areas (CBSAs) and counties that during the last week reported both new cases between 10-100 per 100,000 population, and a diagnostic test positivity result between 5-10%, or one of those two conditions and one condition qualifying as being in the “Red Zone.”

Note: Top 12 locations are selected based on the highest number of new cases in the last three weeks.

DATA SOURCES

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 7/17/2020; last week is 7/11 - 7/17, three weeks is 6/27 - 7/17.

Testing: CELR (COVID-19 Electronic Lab Reporting) state health department-reported data through 7/15/2020. Last week is 7/9 - 7/15. Testing data may be backfilled over time, resulting in changes week-to-week in testing data. It is critical that states provide as up-to-date testing data as possible.

POLICY RECOMMENDATIONS FOR COUNTIES IN THE RED ZONE

Public Messaging

- Wear a mask at all times outside the home and maintain physical distance
- Limit social gatherings to 10 people or fewer
- Do not go to bars, nightclubs, or gyms
- Use take out or eat outdoors socially distanced
- Protect anyone with serious medical conditions at home by social distancing at home and using high levels of personal hygiene, including handwashing and cleaning surfaces
- Reduce your public interactions and activities to 25% of your normal activity

Public Officials

- Close bars and gyms, and create outdoor dining opportunities with pedestrian areas
- Limit social gatherings to 10 people or fewer
- Institute routine weekly testing of all workers in assisted living and long-term care facilities. Require masks for all staff and prohibit visitors
- Ensure that all business retailers and personal services require masks and can safely social distance
- Increase messaging on the risk of serious disease for individuals in all age groups with preexisting obesity, hypertension, and diabetes mellitus, and recommend to shelter in place
- Work with local community groups to provide targeted, tailored messaging to communities with high case rates, and increase community level testing
- Recruit more contact tracers as community outreach workers to ensure all cases are contacted and all positive households are individually tested within 24 hours
- Provide isolation facilities outside of households if COVID-positive individuals can't quarantine successfully

Testing

- Move to community-led neighborhood testing and work with local community groups to increase access to testing
- Surge testing and contact tracing resources to neighborhoods and zip codes with highest case rates
- **Diagnostic pooling:** Laboratories should use pooling of samples to increase testing access and reduce turnaround times to under 12 hours. Consider pools of 2-3 individuals in high incidence settings and 5:1 pools in setting where test positivity is under 10%
- **Surveillance pooling:** For family and cohabitating households, screen entire households in a single test by pooling specimens of all members into single collection device

POLICY RECOMMENDATIONS FOR COUNTIES IN THE YELLOW ZONE IN ORDER TO PREEMPT EXPONENTIAL COMMUNITY SPREAD

Public Messaging

- Wear a mask at all times outside the home and maintain physical distance
- Limit social gatherings to 25 people or fewer
- Do not go to bars or nightclubs
- Use take out, outdoor dining or indoor dining when strict social distancing can be maintained
- Protect anyone with serious medical conditions at home by social distancing at home and using high levels of personal hygiene
- Reduce your public interactions and activities to 50% of your normal activity

Public Officials

- Limit gyms to 25% occupancy and close bars until percent positive rates are under 3%; create outdoor dining opportunities with pedestrian areas
- Limit social gatherings to 25 people or fewer
- Institute routine weekly testing of all workers in assisted living and long-term care facilities. Require masks for all staff and prohibit visitors
- Ensure that all business retailers and personal services require masks and can safely social distance
- Increase messaging on the risk of serious disease for individuals in all age groups with preexisting obesity, hypertension, and diabetes mellitus, and recommend to shelter in place
- Work with local community groups to provide targeted, tailored messaging to communities with high case rates, and increase community level testing
- Recruit more contact tracers as community outreach workers to ensure all cases are contacted and all positive households are individually tested within 24 hours
- Provide isolation facilities outside of households if COVID-positive individuals can't quarantine successfully

Testing

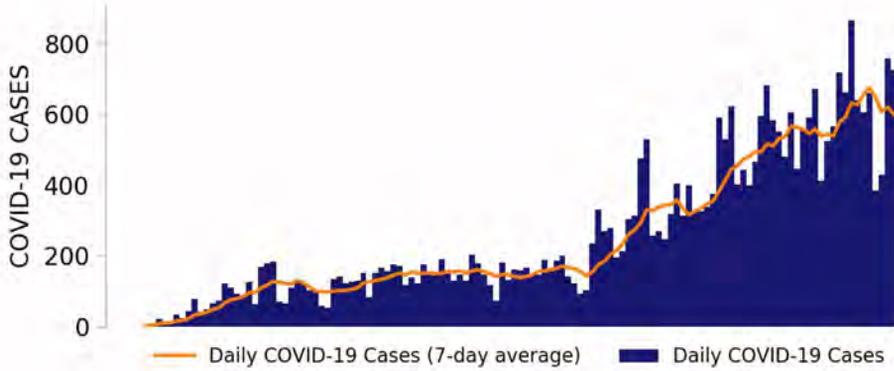
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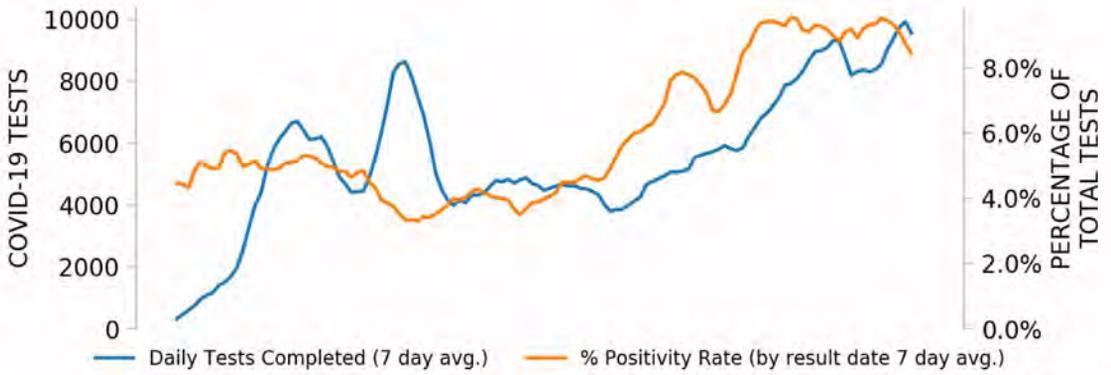
UTAH

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NEW CASES

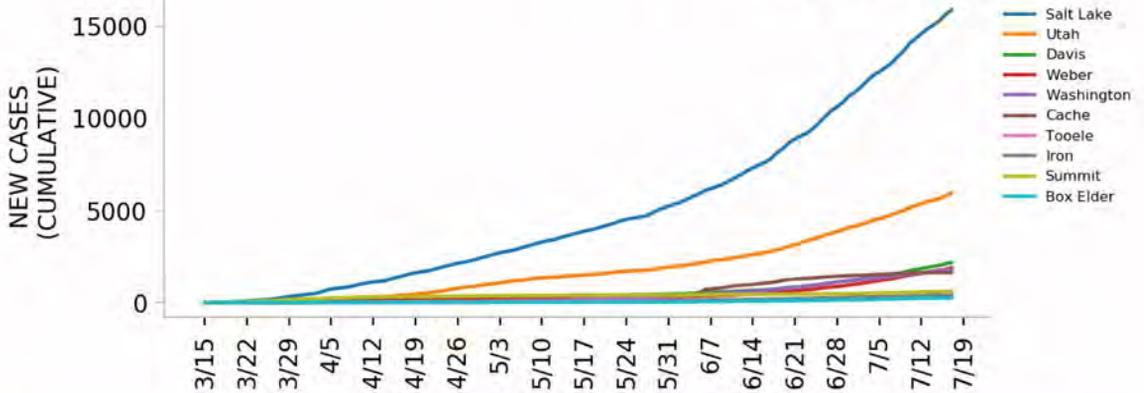


TESTING



Top counties based on greatest number of new cases in last three weeks (6/27 - 7/17)

TOP COUNTIES



DATA SOURCES

Cases: County-level data from USAFacts. 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 7/17/2020.

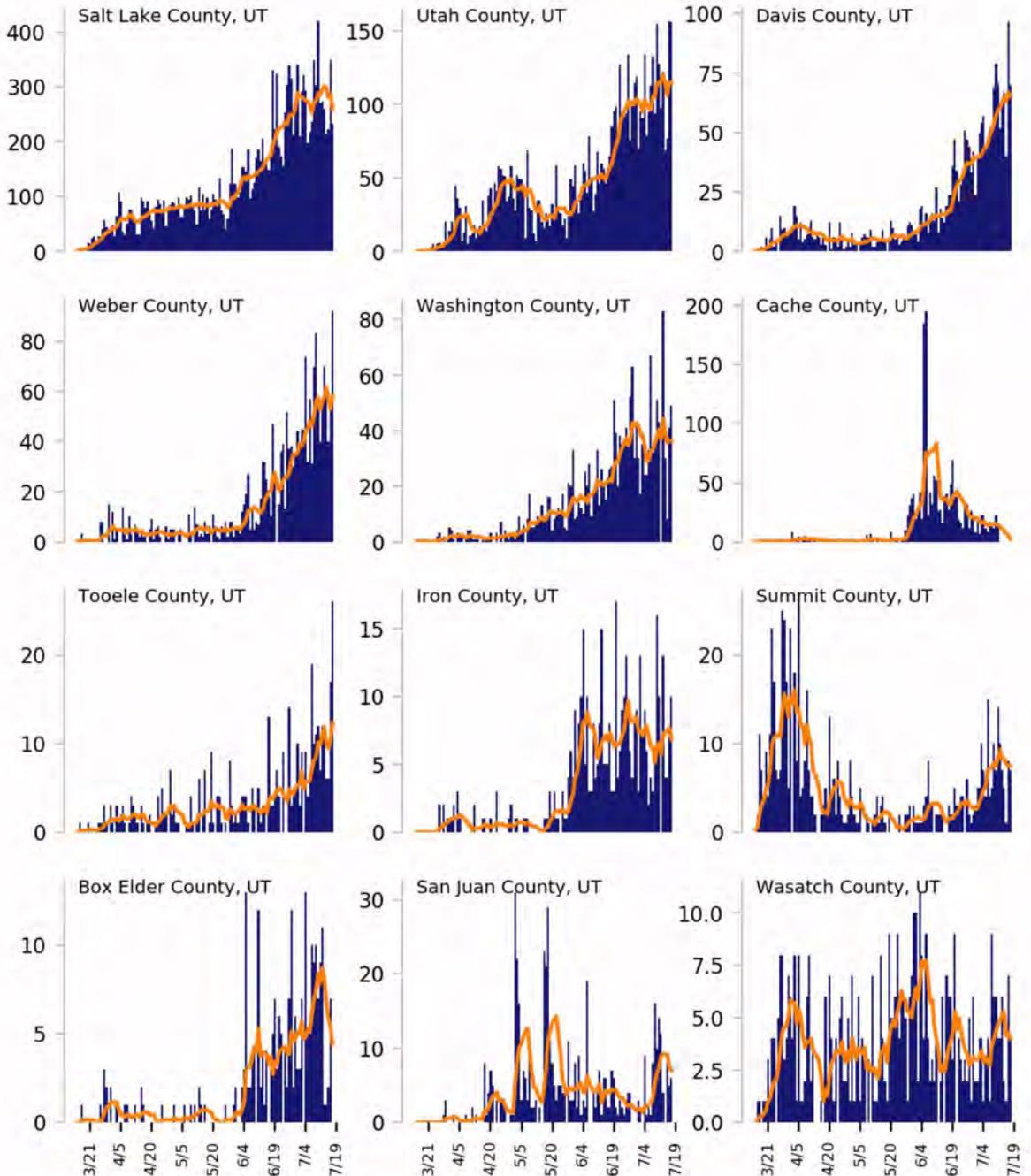
Testing: CELR (COVID-19 Electronic Lab Reporting) state health department-reported data through 7/15/2020.



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



DATA SOURCES

Cases: County-level data from USAFacts through 7/17/2020. Last 3 weeks is 6/27 - 7/17.

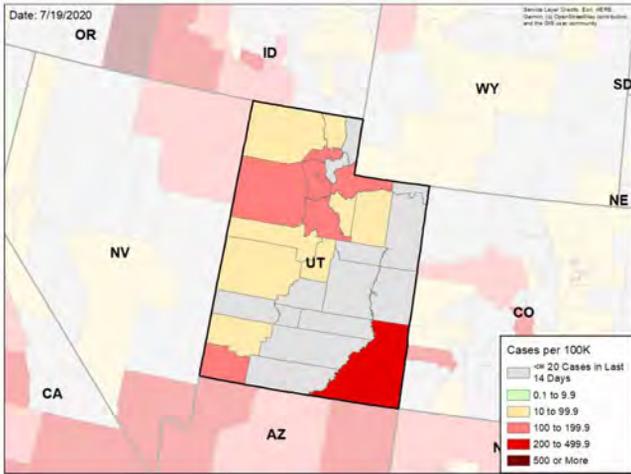


UTAH

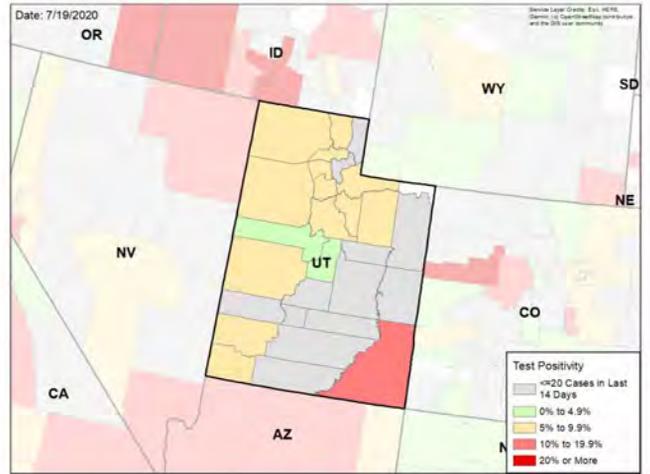
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CASE RATES AND DIAGNOSTIC TEST POSITIVITY DURING THE LAST WEEK

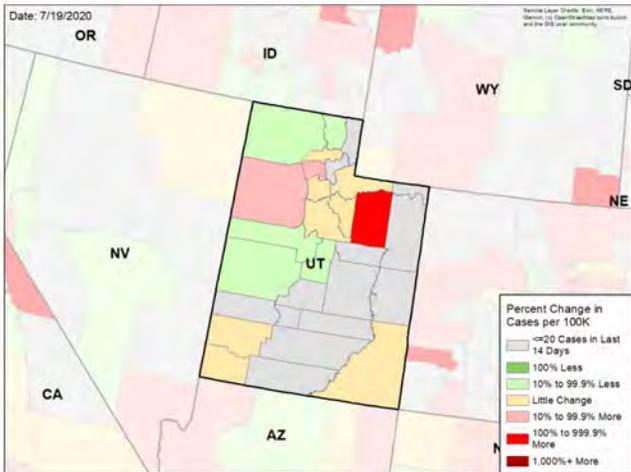
NEW CASES PER 100,000 DURING LAST WEEK



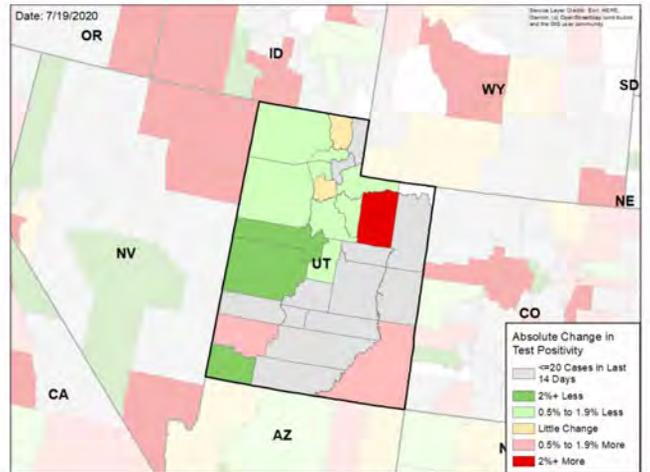
TEST POSITIVITY DURING LAST WEEK



WEEKLY % CHANGE IN NEW CASES PER 100K



WEEKLY CHANGE IN TEST POSITIVITY



DATA SOURCES

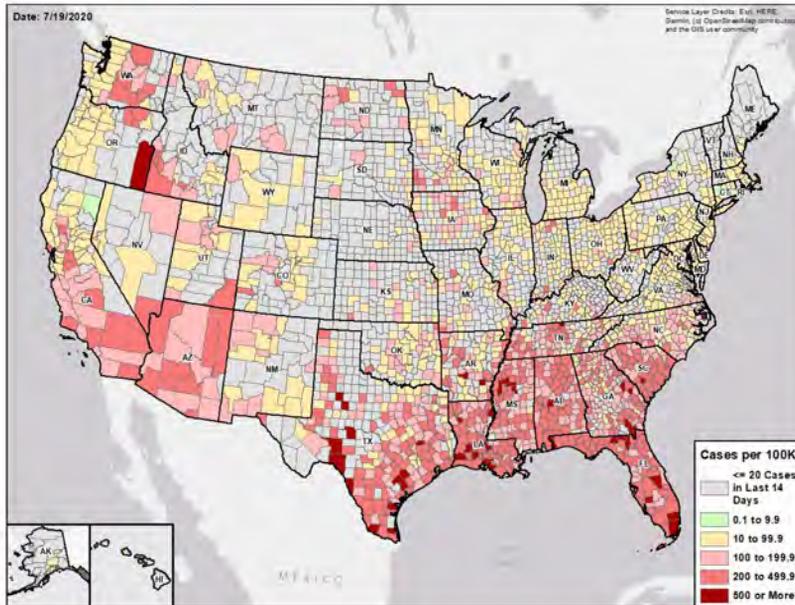
Cases: County-level data from USAFacts through 7/17/2020. Last week is 7/11 - 7/17, previous week is 7/4 - 7/10

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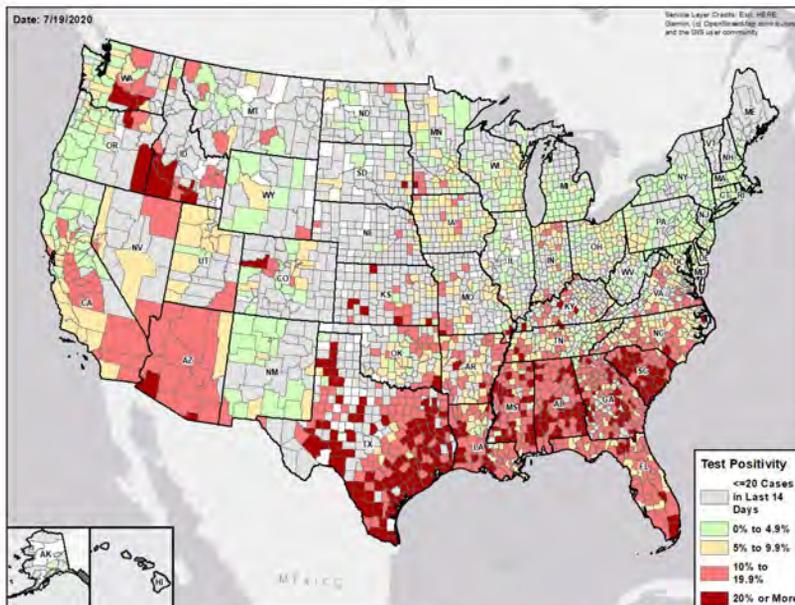


National Picture

NEW CASES PER 100,000 LAST WEEK



TEST POSITIVITY LAST WEEK



DATA SOURCES

Cases: County-level data from USAFacts through 7/17/2020. Last week is 7/11 - 7/17

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 7/15/2020. Last week is 7/9 - 7/15. Testing data may be backfilled over time, resulting in changes week-to-week in testing data. It is critical that states provide as up-to-date testing data as possible.



Methods

STATE REPORT | 07.19.2020

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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	<0.5	0.5-2	>2
Percent change in deaths per 100,000 population	<-10%	-10% - 10%	>10%
Skilled Nursing Facilities with at least one COVID-19 case	0%	0.1%-5%	>5%
Change in SNFs with at least one COVID-19 case	<-0.5%	-0.5%-0.5%	>0.5%

DATA NOTES

- Cases and deaths:** County-level data from USAFacts as of 13:00 EDT on 07/18/2020. 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 7/11 to 7/17; previous week data are from 7/4 to 7/10.
- Testing:** CELR (COVID-19 Electronic Lab Reporting) state health department-reported data are used to describe state-level totals when able to be disaggregated from serology test results and to describe county-level 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. Total diagnostic tests are the number of tests performed, not the number of individuals tested. Diagnostic test positivity rate is the number of positive tests divided by the number of tests performed and resulted. Last week data are from 7/9 to 7/15; previous week data are from 7/2 to 7/8. HHS Protect data is recent as of 16:30 EDT on 07/19/2020. Testing data are inclusive of everything received and processed by the CELR system as of 14:00 EDT on 07/19/2020. Testing data may be backfilled over time, resulting in changes week-to-week in testing data. It is critical that states provide as up-to-date testing data as possible.
- 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; 100% represents the baseline mobility level. Data is recent as of 13:00 EDT on 07/18/2020 and through 7/16/2020.
- 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.
- Skilled Nursing Facilities:** National Healthcare Safety Network (NHSN). 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 analysis. Also note that data presented by NHSN is more recent than the data publicly posted by CMS. Therefore, data presented may differ slightly from those publicly posted by CMS.



VERMONT

STATE REPORT | 07.19.2020

SUMMARY

- Vermont is in the green zone for cases, indicating below 10 cases per 100,000 population last week, and the green zone for test positivity, indicating a rate below 5%.
- Vermont has seen an increase in new cases and stability in testing positivity over the past week.
- The following three counties had the highest number of new cases over the past 3 weeks: 1. Chittenden County, 2. Lamoille County, and 3. Windsor County. These counties represent 70.5 percent of new cases in Vermont.
- Vermont had 9 new cases per 100,000 population in the past week, compared to a national average of 140 per 100,000.
- The federal government has deployed the following staff as assets to support the state response: 1 to support operations activities from FEMA and 1 to support operations activities from USCG.
- During Jul 15 - Jul 17, on average, 7 patients with confirmed COVID-19 and 13 patients with suspected COVID-19 were reported as newly admitted each day to hospitals in Vermont. An average of 67 percent of hospitals reported 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

- Continue weekly testing of all workers in assisted living and long-term care facilities. Require masks and social distancing for all visitors.
- Continue vigorous testing program and continue careful monitoring of changes in cases, testing and hospitalizations.
- Continue to scale-up contact tracing.
- Specific, detailed guidance on community mitigation measures can be found on the [CDC website](#).

The purpose of this report is to develop a shared understanding of the current status of the pandemic at the national, regional, state and local levels. We recognize that data at the state level may differ from that available at the federal level. Our objective is to use consistent data sources and methods that allow for comparisons to be made across localities. We appreciate your continued support in identifying data discrepancies and improving data completeness and sharing across systems. We look forward to your feedback.

** This figure may differ from state data due to differences in hospital lists between federal and state systems or inclusion of hospitals that are not admitting COVID-19 patients. We are working to incorporate feedback on an ongoing basis to update these figures. These data exclude psychiatric, rehabilitation, and religious non-medical hospitals.*



COVID-19

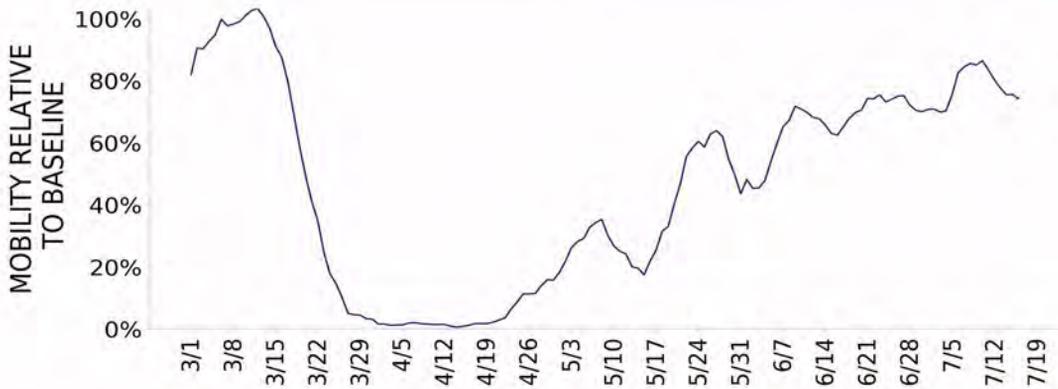


VERMONT

STATE REPORT | 07.19.2020

	STATE, LAST WEEK	STATE, % CHANGE FROM PREVIOUS WEEK	FEMA/HHS REGION, LAST WEEK	UNITED STATES, LAST WEEK
NEW CASES (RATE PER 100,000)	57 (9)	+39.0%	3,236 (22)	460,366 (140)
DIAGNOSTIC TEST POSITIVITY RATE	0.9%	+0.1%*	1.7%	9.1%
TOTAL DIAGNOSTIC TESTS (TESTS PER 100,000)	11,013 (1,765)	+17.8%	184,227 (1,241)	4,940,998 (1,505)
COVID DEATHS (RATE PER 100,000)	0 (0)	N/A	179 (1)	5,122 (2)
SNFs WITH AT LEAST ONE COVID-19 CASE	0.0%	+0.0%	7.0%	10.0%

MOBILITY



* Indicates absolute change in percentage points

DATA SOURCES

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 7/17/2020; last week is 7/11 - 7/17, previous week is 7/4 - 7/10.

Testing: State-level values calculated by using 7-day rolling averages of reported tests. Regional- and national-level values calculated by using a 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 7/15/2020. Last week is 7/9 - 7/15, previous week is 7/2 - 7/8. Testing data are inclusive of everything received and processed by the CELR system as of 14:00 EDT on 07/19/2020. Some dates may be incomplete due to delays in reporting. Testing data may be backfilled over time, resulting in changes week-to-week in testing data. It is critical that states provide as up-to-date testing data as possible.

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; 100% represents the baseline mobility level. Data is anonymized and provided at the county level. Data through 7/16/2020.

SNFs: Skilled nursing facilities. National Healthcare Safety Network. Last week is 7/6-7/12, previous week is 6/29-7/5.



VERMONT

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LOCALITIES IN RED ZONE

LOCALITIES IN YELLOW ZONE

METRO AREA (CBSA) LAST WEEK

0	N/A
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0	N/A
----------	-----

COUNTY LAST WEEK

0	N/A
----------	-----

1	Grand Isle
----------	------------

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 a diagnostic test positivity result above 10%.

Yellow Zone: Those core-based statistical areas (CBSAs) and counties that during the last week reported both new cases between 10-100 per 100,000 population, and a diagnostic test positivity result between 5-10%, or one of those two conditions and one condition qualifying as being in the “Red Zone.”

Note: Top 12 locations are selected based on the highest number of new cases in the last three weeks.

DATA SOURCES

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 7/17/2020; last week is 7/11 - 7/17, three weeks is 6/27 - 7/17.

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POLICY RECOMMENDATIONS FOR COUNTIES IN THE RED ZONE

Public Messaging

- Wear a mask at all times outside the home and maintain physical distance
- Limit social gatherings to 10 people or fewer
- Do not go to bars, nightclubs, or gyms
- Use take out or eat outdoors socially distanced
- Protect anyone with serious medical conditions at home by social distancing at home and using high levels of personal hygiene, including handwashing and cleaning surfaces
- Reduce your public interactions and activities to 25% of your normal activity

Public Officials

- Close bars and gyms, and create outdoor dining opportunities with pedestrian areas
- Limit social gatherings to 10 people or fewer
- Institute routine weekly testing of all workers in assisted living and long-term care facilities. Require masks for all staff and prohibit visitors
- Ensure that all business retailers and personal services require masks and can safely social distance
- Increase messaging on the risk of serious disease for individuals in all age groups with preexisting obesity, hypertension, and diabetes mellitus, and recommend to shelter in place
- Work with local community groups to provide targeted, tailored messaging to communities with high case rates, and increase community level testing
- Recruit more contact tracers as community outreach workers to ensure all cases are contacted and all positive households are individually tested within 24 hours
- Provide isolation facilities outside of households if COVID-positive individuals can't quarantine successfully

Testing

- Move to community-led neighborhood testing and work with local community groups to increase access to testing
- Surge testing and contact tracing resources to neighborhoods and zip codes with highest case rates
- **Diagnostic pooling:** Laboratories should use pooling of samples to increase testing access and reduce turnaround times to under 12 hours. Consider pools of 2-3 individuals in high incidence settings and 5:1 pools in setting where test positivity is under 10%
- **Surveillance pooling:** For family and cohabitating households, screen entire households in a single test by pooling specimens of all members into single collection device

POLICY RECOMMENDATIONS FOR COUNTIES IN THE YELLOW ZONE IN ORDER TO PREEMPT EXPONENTIAL COMMUNITY SPREAD

Public Messaging

- Wear a mask at all times outside the home and maintain physical distance
- Limit social gatherings to 25 people or fewer
- Do not go to bars or nightclubs
- Use take out, outdoor dining or indoor dining when strict social distancing can be maintained
- Protect anyone with serious medical conditions at home by social distancing at home and using high levels of personal hygiene
- Reduce your public interactions and activities to 50% of your normal activity

Public Officials

- Limit gyms to 25% occupancy and close bars until percent positive rates are under 3%; create outdoor dining opportunities with pedestrian areas
- Limit social gatherings to 25 people or fewer
- Institute routine weekly testing of all workers in assisted living and long-term care facilities. Require masks for all staff and prohibit visitors
- Ensure that all business retailers and personal services require masks and can safely social distance
- Increase messaging on the risk of serious disease for individuals in all age groups with preexisting obesity, hypertension, and diabetes mellitus, and recommend to shelter in place
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Testing

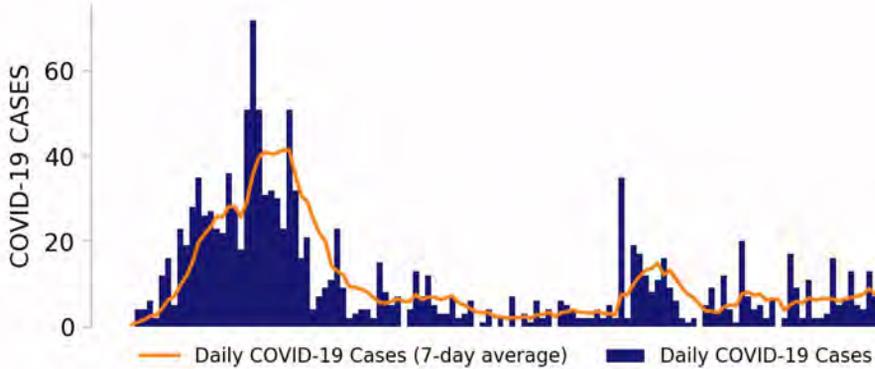
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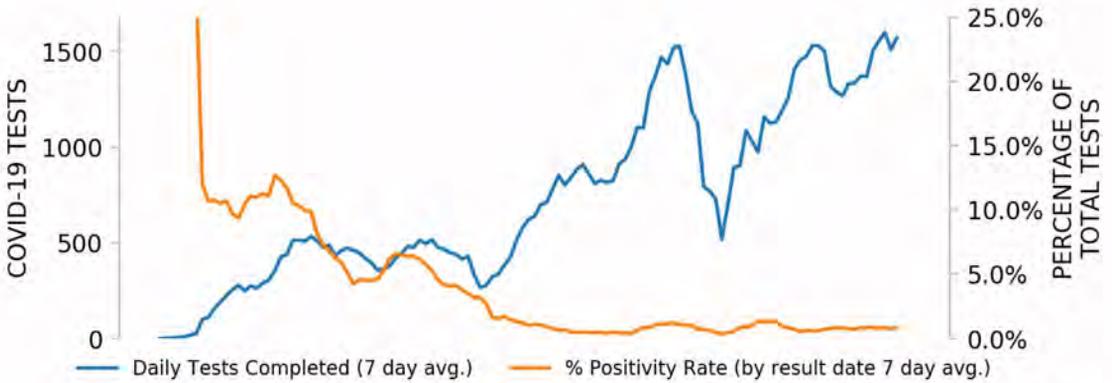
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NEW CASES

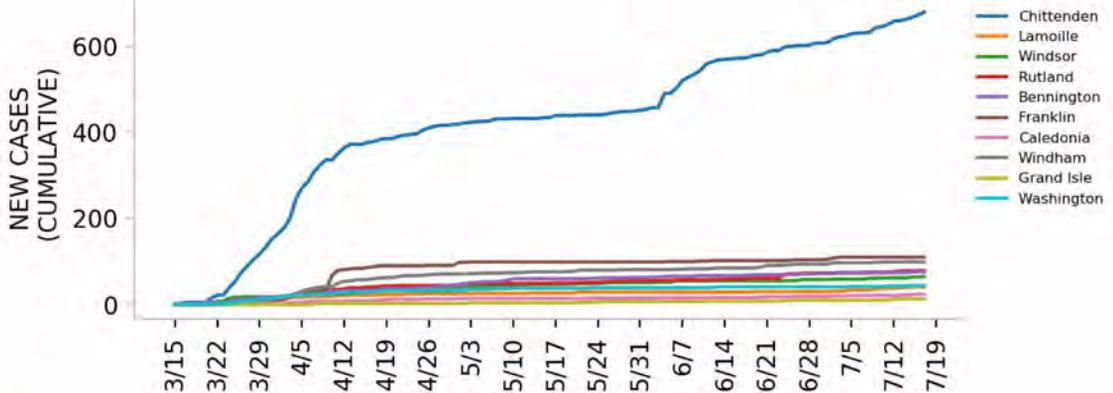


TESTING



Top counties based on greatest number of new cases in last three weeks (6/27 - 7/17)

TOP COUNTIES



DATA SOURCES

Cases: County-level data from USAFacts. 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 7/17/2020.

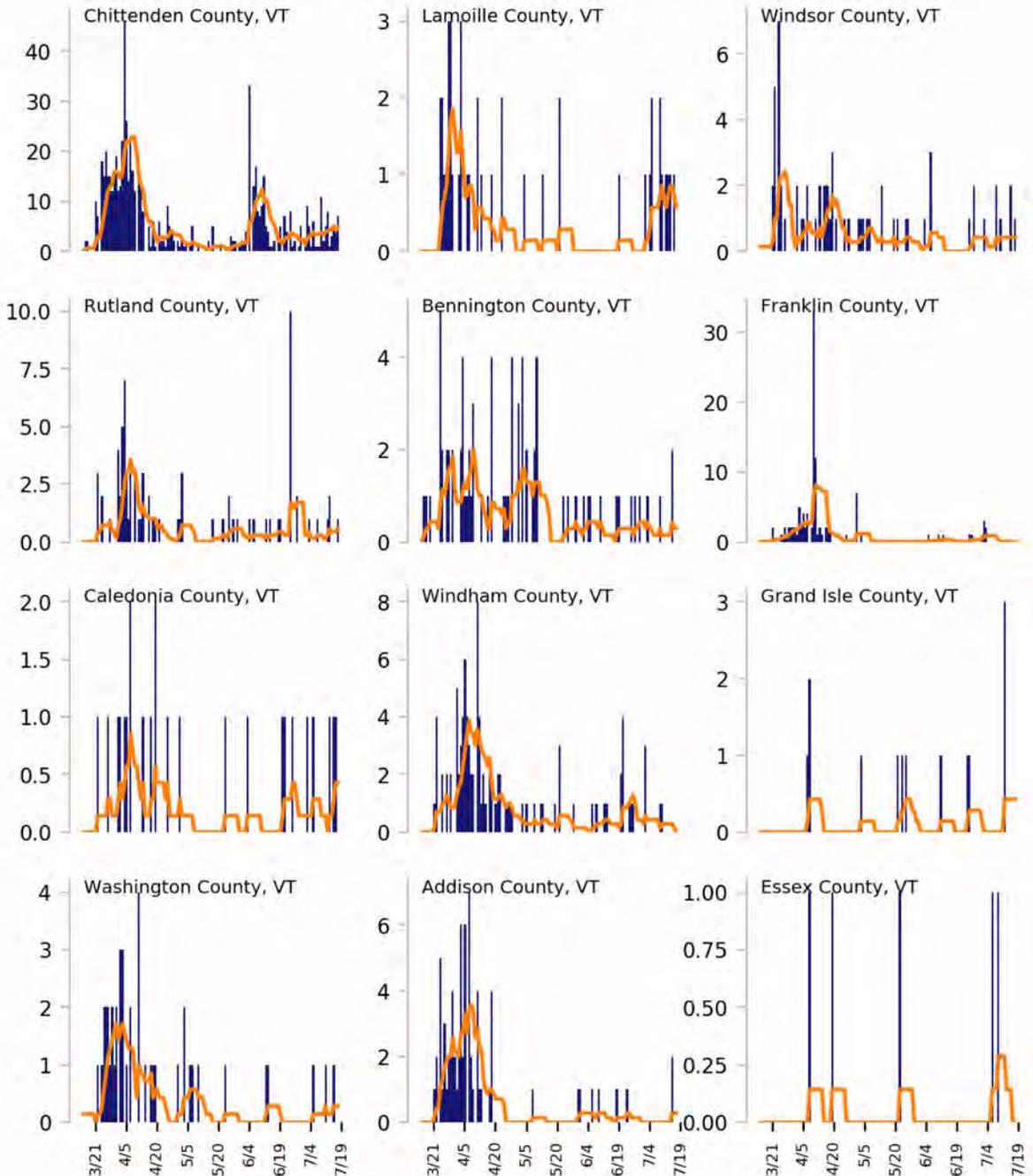
Testing: CELR (COVID-19 Electronic Lab Reporting) state health department-reported data through 7/15/2020.



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



DATA SOURCES

Cases: County-level data from USAFacts through 7/17/2020. Last 3 weeks is 6/27 - 7/17.

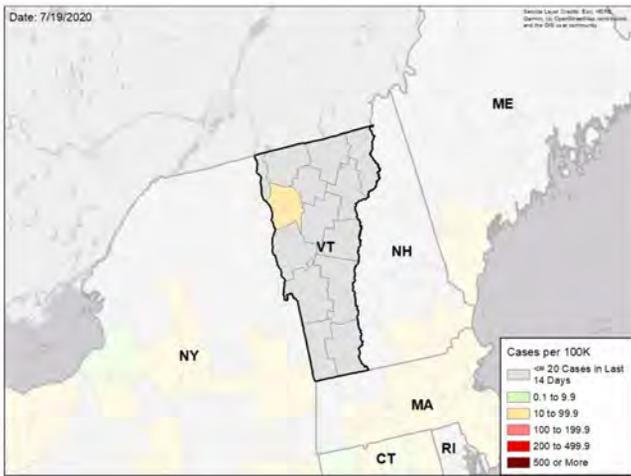


VERMONT

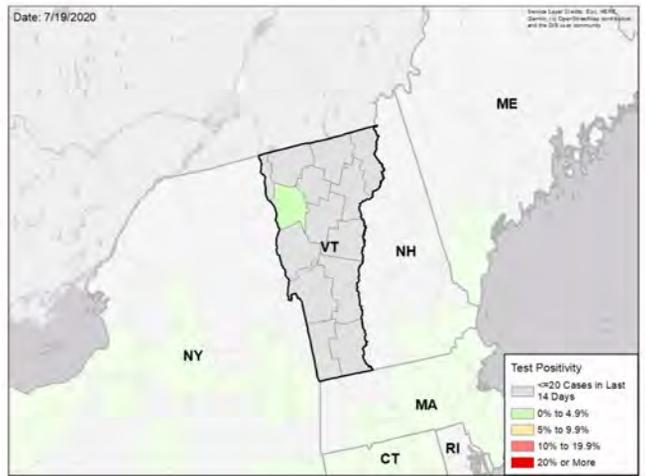
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CASE RATES AND DIAGNOSTIC TEST POSITIVITY DURING THE LAST WEEK

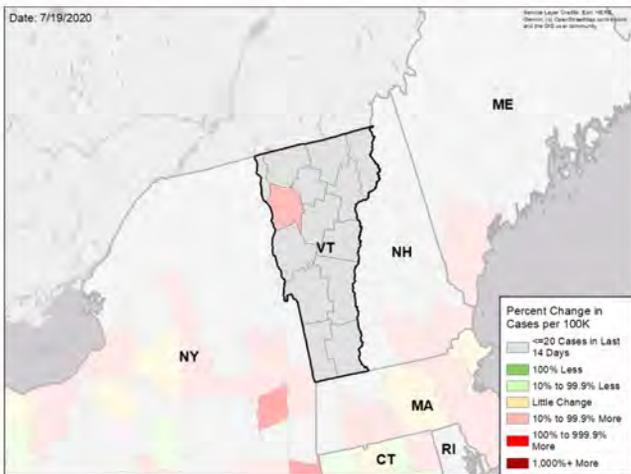
NEW CASES PER 100,000 DURING LAST WEEK



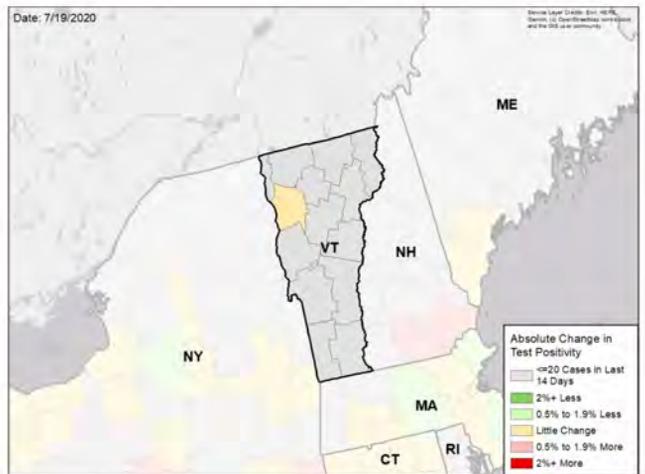
TEST POSITIVITY DURING LAST WEEK



WEEKLY % CHANGE IN NEW CASES PER 100K



WEEKLY CHANGE IN TEST POSITIVITY



DATA SOURCES

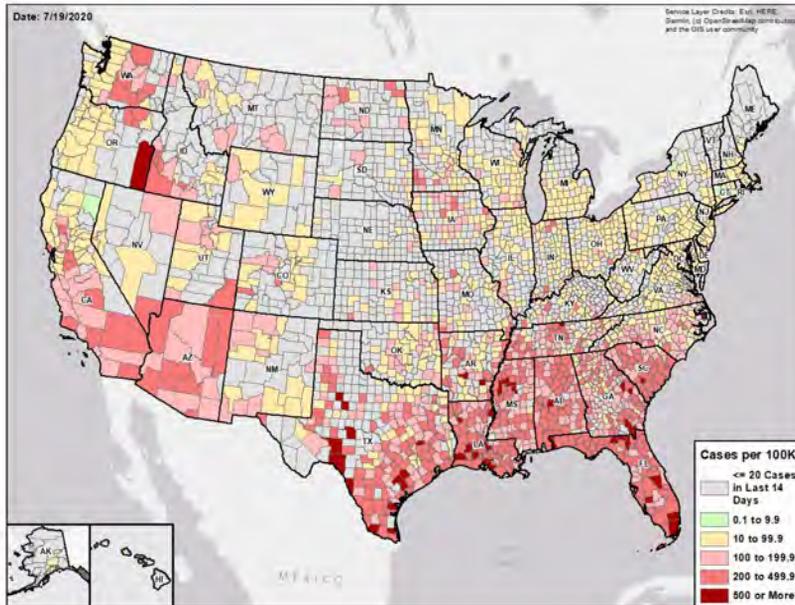
Cases: County-level data from USAFacts through 7/17/2020. Last week is 7/11 - 7/17, previous week is 7/4 - 7/10

Testing: CELR (COVID-19 Electronic Lab Reporting) state health department-reported data through 7/15/2020. Last week is 7/9 - 7/15, previous week is 7/2 - 7/8. Testing data may be backfilled over time, resulting in changes week-to-week in testing data. It is critical that states provide as up-to-date testing data as possible.

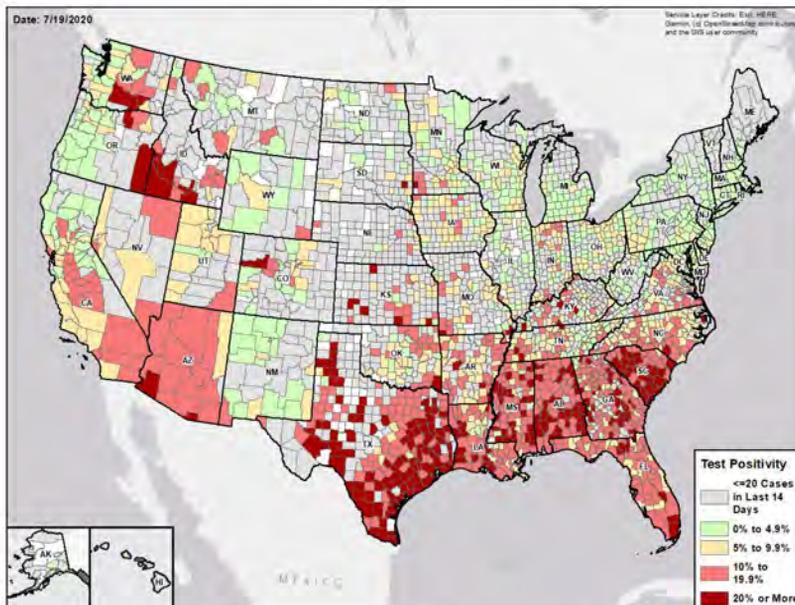


National Picture

NEW CASES PER 100,000 LAST WEEK



TEST POSITIVITY LAST WEEK



DATA SOURCES

Cases: County-level data from USAFacts through 7/17/2020. Last week is 7/11 - 7/17

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 7/15/2020. Last week is 7/9 - 7/15. Testing data may be backfilled over time, resulting in changes week-to-week in testing data. It is critical that states provide as up-to-date testing data as possible.



Methods

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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	<0.5	0.5-2	>2
Percent change in deaths per 100,000 population	<-10%	-10% - 10%	>10%
Skilled Nursing Facilities with at least one COVID-19 case	0%	0.1%-5%	>5%
Change in SNFs with at least one COVID-19 case	<-0.5%	-0.5%-0.5%	>0.5%

DATA NOTES

- Cases and deaths:** County-level data from USAFacts as of 13:00 EDT on 07/18/2020. 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 7/11 to 7/17; previous week data are from 7/4 to 7/10.
- Testing:** CELR (COVID-19 Electronic Lab Reporting) state health department-reported data are used to describe state-level totals when able to be disaggregated from serology test results and to describe county-level 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. Total diagnostic tests are the number of tests performed, not the number of individuals tested. Diagnostic test positivity rate is the number of positive tests divided by the number of tests performed and resulted. Last week data are from 7/9 to 7/15; previous week data are from 7/2 to 7/8. HHS Protect data is recent as of 16:30 EDT on 07/19/2020. Testing data are inclusive of everything received and processed by the CELR system as of 14:00 EDT on 07/19/2020. Testing data may be backfilled over time, resulting in changes week-to-week in testing data. It is critical that states provide as up-to-date testing data as possible.
- 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; 100% represents the baseline mobility level. Data is recent as of 13:00 EDT on 07/18/2020 and through 7/16/2020.
- 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.
- Skilled Nursing Facilities:** National Healthcare Safety Network (NHSN). 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 analysis. Also note that data presented by NHSN is more recent than the data publicly posted by CMS. Therefore, data presented may differ slightly from those publicly posted by CMS.



VIRGINIA

STATE REPORT | 07.19.2020

SUMMARY

- Virginia is in the yellow zone for cases, indicating between 10 to 100 new cases per 100,000 population last week, and the red zone for test positivity, indicating a rate above 10%.
- Virginia has seen an increase in new cases and an increase in testing positivity over the past week.
- The following three counties had the highest number of new cases over the past 3 weeks: 1. Virginia Beach City, 2. Norfolk City, and 3. Fairfax County. These counties represent 24.3 percent of new cases in Virginia.
- Virginia had 77 new cases per 100,000 population in the past week, compared to a national average of 140 per 100,000.
- The federal government has deployed the following staff as assets to support the state response: 53 to support operations activities from FEMA; 1 from CDC; 86 to support operations activities from USCG; and 20 to support operations activities from VA.
- During Jul 15 - Jul 17, on average, 96 patients with confirmed COVID-19 and 154 patients with suspected COVID-19 were reported as newly admitted each day to hospitals in Virginia. An average of 71 percent of hospitals reported 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

- Enforce social distancing and use of face masks when outside the home, particularly in urban environments where cases counts are increasing; enforcement will be particularly important for the tourist industry and in the many cities where case counts are climbing. Consider citations and penalties for violations.
- In counties and cities with 7-day average test positivity greater than 5%, close bars, restrict gyms to 25% occupancy and ensure strict social distancing can be maintained in restaurants (emphasize outdoor over indoor dining).
- Target messaging to 20-49 age groups, with specific messaging to tourists.
- In high transmission counties and cities, implement community-led testing and work with local community groups to increase testing access. Consider pooled testing as described below to further increase access and reduce turnaround times.
- Increase testing in beach communities and tourist areas. Enact strict prevention policies when outbreaks or increases in cases are identified, such as closing bars and indoor restaurants, enforced distancing on beaches, and penalties for social gatherings over 10 people.
- Protect those in nursing homes and long-term care facilities (LTCFs) by testing all staff each week and requiring staff to wear face masks. Ensure all LTCFs participate in infection prevention and control assessments, including mandated testing of all incoming residents, restricted visitation, proper use of N-95 respirators and documented FIT testing for staff.
- Specific, detailed guidance on community mitigation measures can be found on the [CDC website](#).

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COVID-19

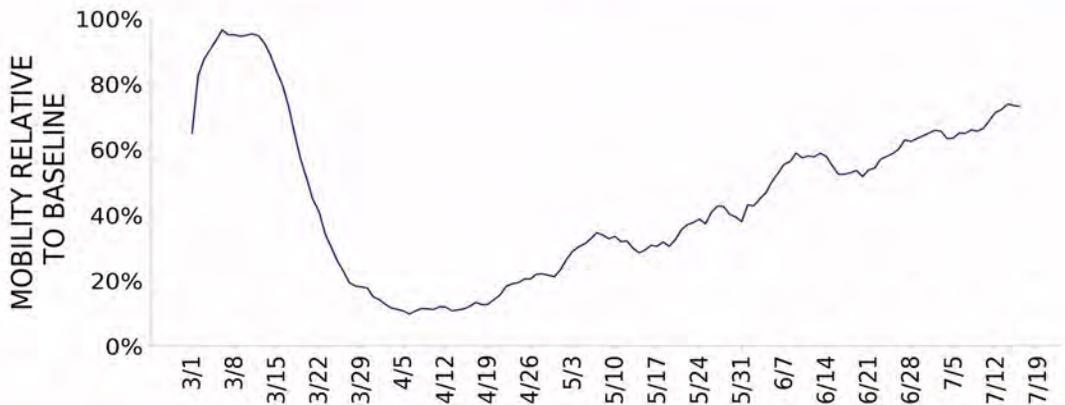


VIRGINIA

STATE REPORT | 07.19.2020

	STATE, LAST WEEK	STATE, % CHANGE FROM PREVIOUS WEEK	FEMA/HHS REGION, LAST WEEK	UNITED STATES, LAST WEEK
NEW CASES (RATE PER 100,000)	6,595 (77)	+25.1%	19,501 (63)	460,366 (140)
DIAGNOSTIC TEST POSITIVITY RATE	10.9%	+1.2%*	6.8%	9.1%
TOTAL DIAGNOSTIC TESTS (TESTS PER 100,000)	106,589 (1,249)	+21.3%	459,561 (1,489)	4,940,998 (1,505)
COVID DEATHS (RATE PER 100,000)	67 (1)	-43.7%	234 (1)	5,122 (2)
SNFs WITH AT LEAST ONE COVID-19 CASE	7.3%	+0.1%	8.2%	10.0%

MOBILITY



* Indicates absolute change in percentage points

DATA SOURCES

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 7/17/2020; last week is 7/11 - 7/17, previous week is 7/4 - 7/10.

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SNFs: Skilled nursing facilities. National Healthcare Safety Network. Last week is 7/6-7/12, previous week is 6/29-7/5.



VIRGINIA

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LOCALITIES IN RED ZONE

LOCALITIES IN YELLOW ZONE

METRO AREA (CBSA) LAST WEEK

2

Virginia Beach-Norfolk-Newport News
Danville

10

Washington-Arlington-Alexandria
Richmond
Roanoke
Charlottesville
Harrisonburg
Lynchburg
Martinsville
Staunton
Kingsport-Bristol
Big Stone Gap

COUNTY LAST WEEK

18

Top 12 shown
(full list below)

Virginia Beach city, VA
Norfolk city, VA
Chesapeake city, VA
Newport News city, VA
Portsmouth city, VA
Hampton city, VA
Suffolk city, VA
Charlottesville city, VA
Danville city, VA
Carroll
Martinsville city, VA
Galax city, VA

78

Top 12 shown
(full list below)

Fairfax
Prince William
Loudoun
Chesterfield
Henrico
Richmond city, VA
Arlington
Roanoke city, VA
Alexandria city, VA
Albemarle
Henry
James City

All Red Counties: Virginia Beach city, VA, Norfolk city, VA, Chesapeake city, VA, Newport News city, VA, Portsmouth city, VA, Hampton city, VA, Suffolk city, VA, Charlottesville city, VA, Danville city, VA, Carroll, Martinsville city, VA, Galax city, VA, Brunswick, Southampton, Sussex, Nottoway, Greenville, Buena Vista city, VA

All Yellow Counties: Fairfax, Prince William, Loudoun, Chesterfield, Henrico, Richmond city, VA, Arlington, Roanoke city, VA, Alexandria city, VA, Albemarle, Henry, James City, Roanoke, Stafford, Manassas city, VA, Petersburg city, VA, Rockingham, Fauquier, Pittsylvania, Hanover, Lynchburg city, VA, York, Harrisonburg city, VA, Isle of Wight, Shenandoah, Culpeper, Bedford, Waynesboro city, VA, Winchester city, VA, Franklin, Salem city, VA, Halifax, Prince George, Hopewell city, VA, Manassas Park city, VA, Warren, Page, Augusta, Gloucester, Washington, Franklin city, VA, Fluvanna, Williamsburg city, VA, Louisa, Greene, Dinwiddie, Campbell, Mecklenburg, Caroline, New Kent, Powhatan, Wise, Emporia city, VA, Alleghany, Buckingham, Colonial Heights city, VA, Goochland, Russell, Rockbridge, Wythe, Patrick, Grayson, Amherst, Bristol city, VA, Lancaster, Northumberland, Lunenburg, Floyd, Nelson, Cumberland, Charlotte, Madison, King and Queen, Poquoson city, VA, Surry, Craig, Bland, Covington city, VA

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 a diagnostic test positivity result above 10%.

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Note: Top 12 locations are selected based on the highest number of new cases in the last three weeks.

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POLICY RECOMMENDATIONS FOR COUNTIES IN THE RED ZONE

Public Messaging

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Public Officials

- Close bars and gyms, and create outdoor dining opportunities with pedestrian areas
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- Ensure that all business retailers and personal services require masks and can safely social distance
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POLICY RECOMMENDATIONS FOR COUNTIES IN THE YELLOW ZONE IN ORDER TO PREEMPT EXPONENTIAL COMMUNITY SPREAD

Public Messaging

- Wear a mask at all times outside the home and maintain physical distance
- Limit social gatherings to 25 people or fewer
- Do not go to bars or nightclubs
- Use take out, outdoor dining or indoor dining when strict social distancing can be maintained
- Protect anyone with serious medical conditions at home by social distancing at home and using high levels of personal hygiene
- Reduce your public interactions and activities to 50% of your normal activity

Public Officials

- Limit gyms to 25% occupancy and close bars until percent positive rates are under 3%; create outdoor dining opportunities with pedestrian areas
- Limit social gatherings to 25 people or fewer
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Testing

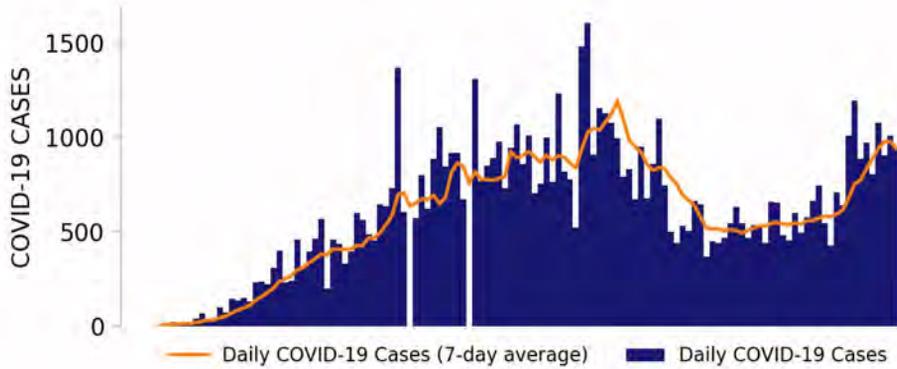
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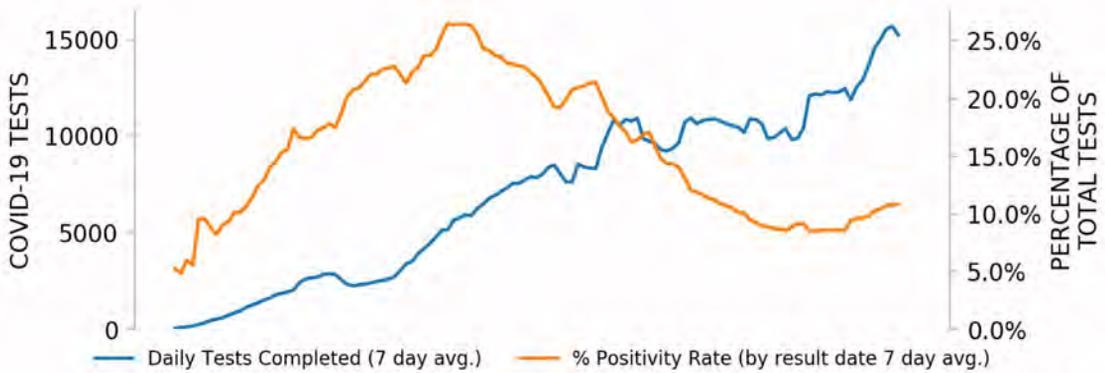
VIRGINIA

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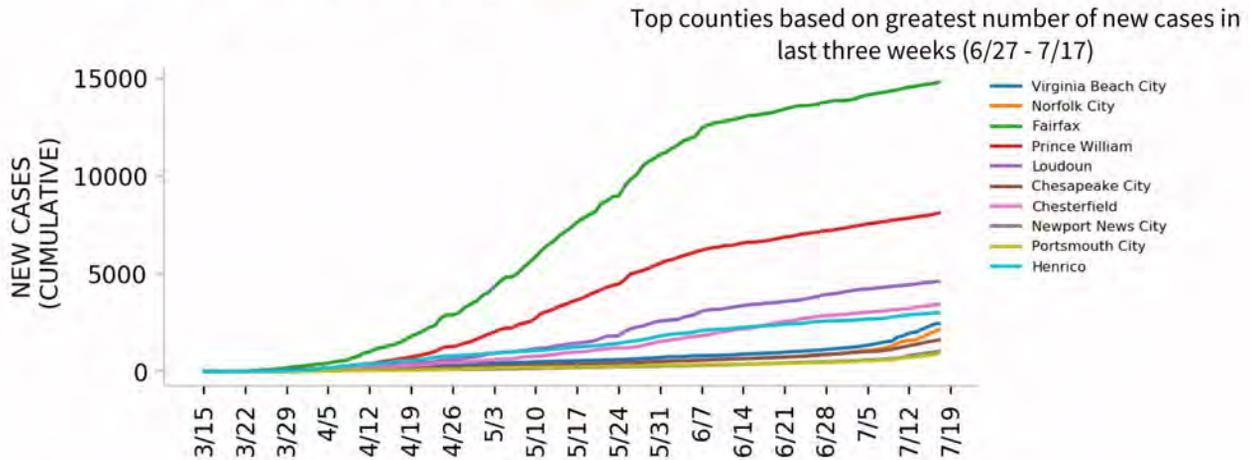
NEW CASES



TESTING



TOP COUNTIES



DATA SOURCES

Cases: County-level data from USAFacts. 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 7/17/2020.

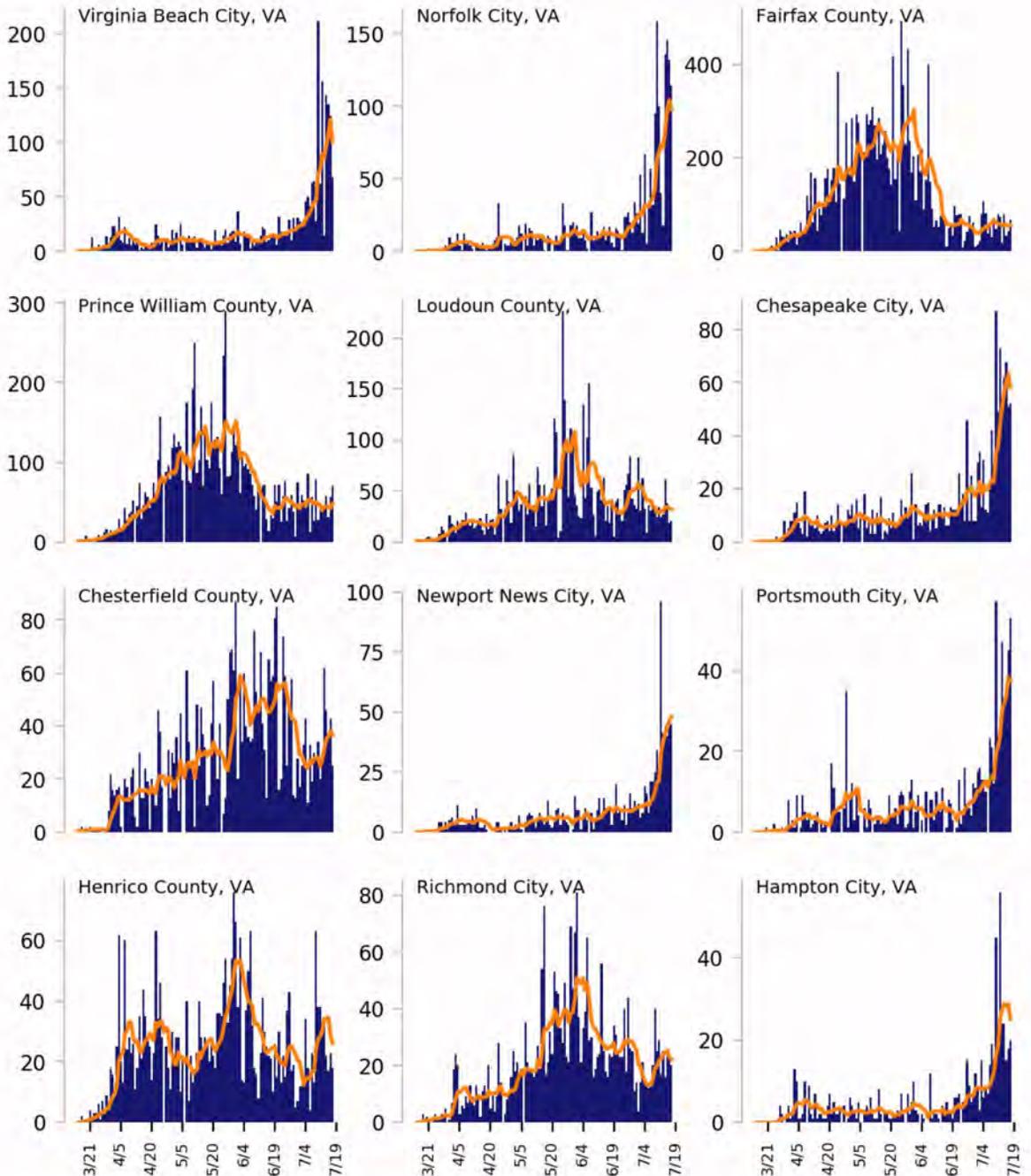
Testing: CELR (COVID-19 Electronic Lab Reporting) state health department-reported data through 7/15/2020.



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



DATA SOURCES

Cases: County-level data from USAFacts through 7/17/2020. Last 3 weeks is 6/27 - 7/17.

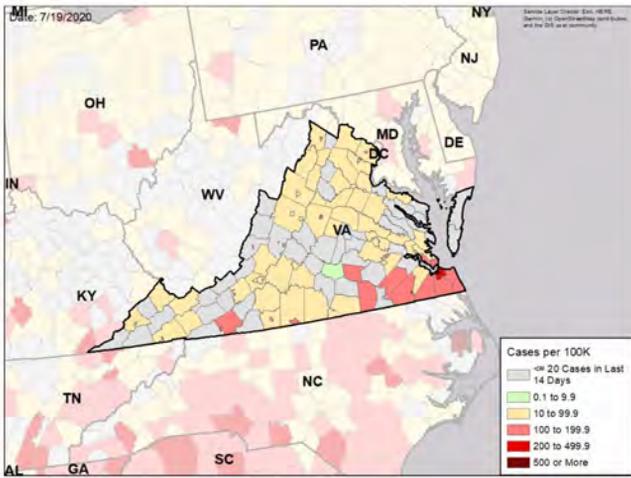


VIRGINIA

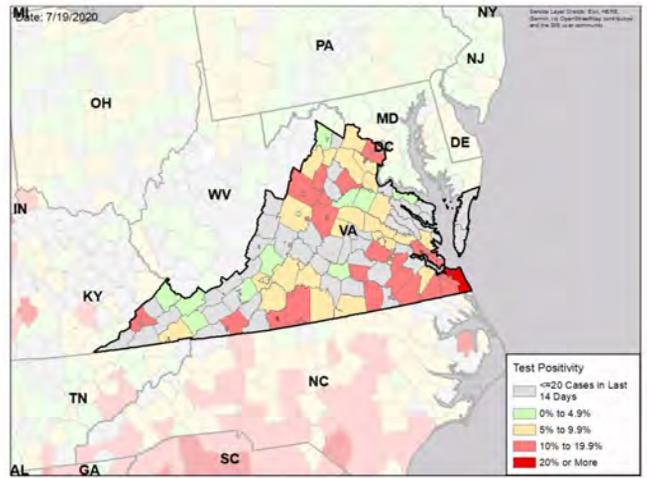
STATE REPORT | 07.19.2020

CASE RATES AND DIAGNOSTIC TEST POSITIVITY DURING THE LAST WEEK

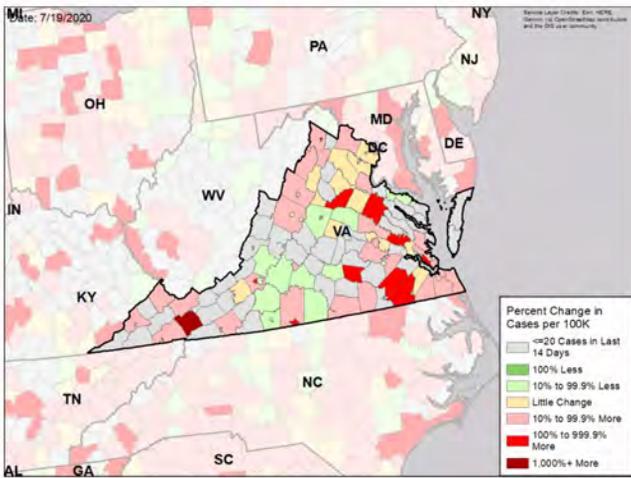
NEW CASES PER 100,000 DURING LAST WEEK



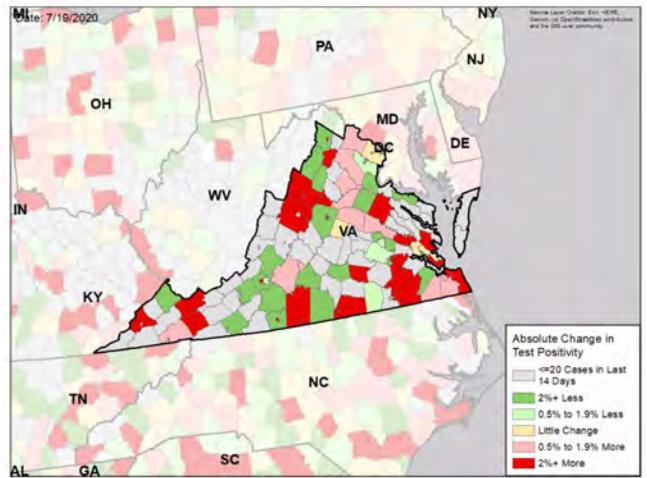
TEST POSITIVITY DURING LAST WEEK



WEEKLY % CHANGE IN NEW CASES PER 100K



WEEKLY CHANGE IN TEST POSITIVITY



DATA SOURCES

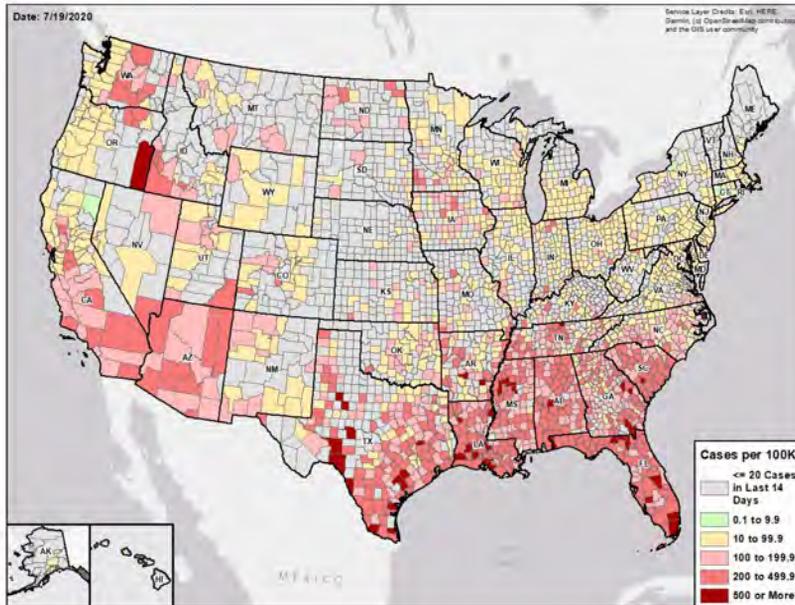
Cases: County-level data from USAFacts through 7/17/2020. Last week is 7/11 - 7/17, previous week is 7/4 - 7/10

Testing: CELR (COVID-19 Electronic Lab Reporting) state health department-reported data through 7/15/2020. Last week is 7/9 - 7/15, previous week is 7/2 - 7/8. Testing data may be backfilled over time, resulting in changes week-to-week in testing data. It is critical that states provide as up-to-date testing data as possible.

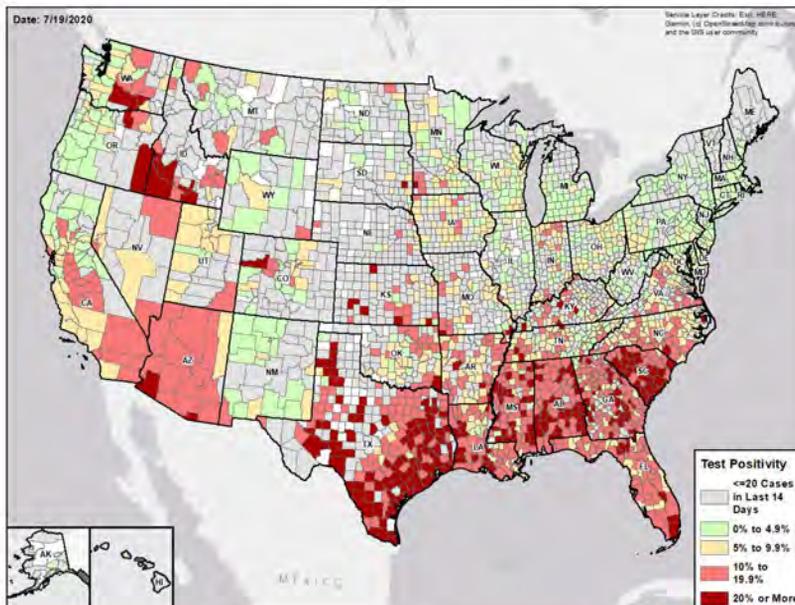


National Picture

NEW CASES PER 100,000 LAST WEEK



TEST POSITIVITY LAST WEEK



DATA SOURCES

Cases: County-level data from USAFacts through 7/17/2020. Last week is 7/11 - 7/17

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 7/15/2020. Last week is 7/9 - 7/15. Testing data may be backfilled over time, resulting in changes week-to-week in testing data. It is critical that states provide as up-to-date testing data as possible.



Methods

STATE REPORT | 07.19.2020

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)

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	<0.5	0.5-2	>2
Percent change in deaths per 100,000 population	<-10%	-10% - 10%	>10%
Skilled Nursing Facilities with at least one COVID-19 case	0%	0.1%-5%	>5%
Change in SNFs with at least one COVID-19 case	<-0.5%	-0.5%-0.5%	>0.5%

DATA NOTES

- Cases and deaths:** County-level data from USAFacts as of 13:00 EDT on 07/18/2020. 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 7/11 to 7/17; previous week data are from 7/4 to 7/10.
- Testing:** CELR (COVID-19 Electronic Lab Reporting) state health department-reported data are used to describe state-level totals when able to be disaggregated from serology test results and to describe county-level 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. Total diagnostic tests are the number of tests performed, not the number of individuals tested. Diagnostic test positivity rate is the number of positive tests divided by the number of tests performed and resulted. Last week data are from 7/9 to 7/15; previous week data are from 7/2 to 7/8. HHS Protect data is recent as of 16:30 EDT on 07/19/2020. Testing data are inclusive of everything received and processed by the CELR system as of 14:00 EDT on 07/19/2020. Testing data may be backfilled over time, resulting in changes week-to-week in testing data. It is critical that states provide as up-to-date testing data as possible.
- 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; 100% represents the baseline mobility level. Data is recent as of 13:00 EDT on 07/18/2020 and through 7/16/2020.
- 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.
- Skilled Nursing Facilities:** National Healthcare Safety Network (NHSN). 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 analysis. Also note that data presented by NHSN is more recent than the data publicly posted by CMS. Therefore, data presented may differ slightly from those publicly posted by CMS.



WASHINGTON

STATE REPORT | 07.19.2020

SUMMARY

- Washington is in the yellow zone for cases, indicating between 10 to 100 new cases per 100,000 population last week.
- Washington has seen an increase in new cases and an increase in testing positivity over the past week.
- The following three counties had the highest number of new cases over the past 3 weeks: 1. King County, 2. Yakima County, and 3. Spokane County. These counties represent 46.2 percent of new cases in Washington.
- Washington had 77 new cases per 100,000 population in the past week, compared to a national average of 140 per 100,000.
- The federal government has deployed the following staff as assets to support the state response: 1 from DOI; 119 to support operations activities from FEMA; 3 to support operations activities from ASPR; 2 from CDC; 20 to support operations activities from USCG; 13 to support medical activities from VA; and 1 to support operations activities from VA.
- During Jul 15 - Jul 17, on average, 20 patients with confirmed COVID-19 and 38 patients with suspected COVID-19 were reported as newly admitted each day to hospitals in Washington. An average of 63 percent of hospitals reported 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

- Continue state masking requirement.
- Intensify communication to the public about disruption of business and school operations if cases continue to increase.
- Ensure that all business retailers and personal services require masks and can safely social distance as laid out in Proclamation 20 – 25.6.
- Consider innovative ways to monitor compliance and consider further modulation of business occupancy and operating restrictions if cases continue to increase in highly affected areas.
- Recruit more contact tracers as community outreach workers to ensure all cases are contacted and all members of positive households are individually tested within 24 hours.
- Work with local community groups to provide targeted, tailored messaging to communities with high case rates and increase community level testing.
- As assays receive FDA Emergency Use Authorizations for pooling, laboratories should use pooling of samples to increase testing access and reduce turnaround times.
- Move to community-led neighborhood testing and work with local community groups to increase access of testing.
- Continue to surge testing and contact tracing resources to neighborhoods and zip codes with highest case rates.
- Protect those in nursing homes and long-term care facilities by assuring access to rapid facility-wide testing in response to a resident or staff member with COVID-19. Address staff and supply shortages. Ensure social distancing and universal facemask use.
- Specific, detailed guidance on community mitigation measures can be found on the [CDC website](#).

The purpose of this report is to develop a shared understanding of the current status of the pandemic at the national, regional, state and local levels. We recognize that data at the state level may differ from that available at the federal level. Our objective is to use consistent data sources and methods that allow for comparisons to be made across localities. We appreciate your continued support in identifying data discrepancies and improving data completeness and sharing across systems. We look forward to your feedback.

** This figure may differ from state data due to differences in hospital lists between federal and state systems or inclusion of hospitals that are not admitting COVID-19 patients. We are working to incorporate feedback on an ongoing basis to update these figures. These data exclude psychiatric, rehabilitation, and religious non-medical hospitals.*



COVID-19

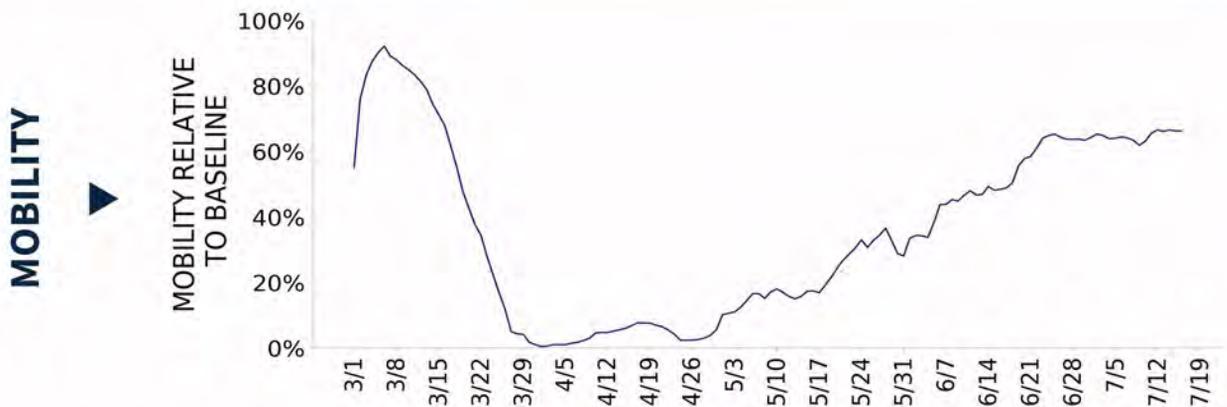
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WASHINGTON

STATE REPORT | 07.19.2020

	STATE, LAST WEEK	STATE, % CHANGE FROM PREVIOUS WEEK	FEMA/HHS REGION, LAST WEEK	UNITED STATES, LAST WEEK
NEW CASES (RATE PER 100,000)	5,885 (77)	+35.0%	12,456 (87)	460,366 (140)
DIAGNOSTIC TEST POSITIVITY RATE	12.5%	+4.1%*	10.0%	9.1%
TOTAL DIAGNOSTIC TESTS (TESTS PER 100,000)	57,285 (752)	-26.2%	176,868 (1,232)	4,940,998 (1,505)
COVID DEATHS (RATE PER 100,000)	45 (1)	-2.2%	83 (1)	5,122 (2)
SNFs WITH AT LEAST ONE COVID-19 CASE	7.8%	+1.1%	5.3%	10.0%



* Indicates absolute change in percentage points

DATA SOURCES

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 7/17/2020; last week is 7/11 - 7/17, previous week is 7/4 - 7/10.

Testing: State-level values calculated by using 7-day rolling averages of reported tests. Regional- and national-level values calculated by using a 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 7/15/2020. Last week is 7/9 - 7/15, previous week is 7/2 - 7/8. Testing data are inclusive of everything received and processed by the CELR system as of 14:00 EDT on 07/19/2020. Some dates may be incomplete due to delays in reporting. Testing data may be backfilled over time, resulting in changes week-to-week in testing data. It is critical that states provide as up-to-date testing data as possible. Testing data received from Washington State exhibit up to a week lag in reporting of negatives, which affects the percent positive calculation. Washington State is encouraged to work with CDC to minimize this reporting lag.

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; 100% represents the baseline mobility level. Data is anonymized and provided at the county level. Data through 7/16/2020.

SNFs: Skilled nursing facilities. National Healthcare Safety Network. Last week is 7/6-7/12, previous week is 6/29-7/5.



WASHINGTON

STATE REPORT | 07.19.2020

LOCALITIES IN RED ZONE

LOCALITIES IN YELLOW ZONE

METRO AREA (CBSA) LAST WEEK

5

Kennewick-Richland
Yakima
Moses Lake
Othello
Ellensburg

8

Seattle-Tacoma-Bellevue
Spokane-Spokane Valley
Wenatchee
Mount Vernon-Anacortes
Longview
Walla Walla
Centralia
Aberdeen

COUNTY LAST WEEK

7

Yakima
Franklin
Benton
Grant
Okanogan
Adams
Kittitas

10

King
Spokane
Chelan
Skagit
Cowlitz
Walla Walla
Lewis
Grays Harbor
Pend Oreille
Jefferson

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 a diagnostic test positivity result above 10%.

Yellow Zone: Those core-based statistical areas (CBSAs) and counties that during the last week reported both new cases between 10-100 per 100,000 population, and a diagnostic test positivity result between 5-10%, or one of those two conditions and one condition qualifying as being in the “Red Zone.”

Note: Top 12 locations are selected based on the highest number of new cases in the last three weeks.

DATA SOURCES

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 7/17/2020; last week is 7/11 - 7/17, three weeks is 6/27 - 7/17.

Testing: HHS Protect laboratory data (provided directly to Federal Government from public health labs, hospital labs, and commercial labs) through 7/15/2020. Last week is 7/9 - 7/15. Testing data may be backfilled over time, resulting in changes week-to-week in testing data. It is critical that states provide as up-to-date testing data as possible.

POLICY RECOMMENDATIONS FOR COUNTIES IN THE RED ZONE

Public Messaging

- Wear a mask at all times outside the home and maintain physical distance
- Limit social gatherings to 10 people or fewer
- Do not go to bars, nightclubs, or gyms
- Use take out or eat outdoors socially distanced
- Protect anyone with serious medical conditions at home by social distancing at home and using high levels of personal hygiene, including handwashing and cleaning surfaces
- Reduce your public interactions and activities to 25% of your normal activity

Public Officials

- Close bars and gyms, and create outdoor dining opportunities with pedestrian areas
- Limit social gatherings to 10 people or fewer
- Institute routine weekly testing of all workers in assisted living and long-term care facilities. Require masks for all staff and prohibit visitors
- Ensure that all business retailers and personal services require masks and can safely social distance
- Increase messaging on the risk of serious disease for individuals in all age groups with preexisting obesity, hypertension, and diabetes mellitus, and recommend to shelter in place
- Work with local community groups to provide targeted, tailored messaging to communities with high case rates, and increase community level testing
- Recruit more contact tracers as community outreach workers to ensure all cases are contacted and all positive households are individually tested within 24 hours
- Provide isolation facilities outside of households if COVID-positive individuals can't quarantine successfully

Testing

- Move to community-led neighborhood testing and work with local community groups to increase access to testing
- Surge testing and contact tracing resources to neighborhoods and zip codes with highest case rates
- **Diagnostic pooling:** Laboratories should use pooling of samples to increase testing access and reduce turnaround times to under 12 hours. Consider pools of 2-3 individuals in high incidence settings and 5:1 pools in setting where test positivity is under 10%
- **Surveillance pooling:** For family and cohabitating households, screen entire households in a single test by pooling specimens of all members into single collection device

POLICY RECOMMENDATIONS FOR COUNTIES IN THE YELLOW ZONE IN ORDER TO PREEMPT EXPONENTIAL COMMUNITY SPREAD

Public Messaging

- Wear a mask at all times outside the home and maintain physical distance
- Limit social gatherings to 25 people or fewer
- Do not go to bars or nightclubs
- Use take out, outdoor dining or indoor dining when strict social distancing can be maintained
- Protect anyone with serious medical conditions at home by social distancing at home and using high levels of personal hygiene
- Reduce your public interactions and activities to 50% of your normal activity

Public Officials

- Limit gyms to 25% occupancy and close bars until percent positive rates are under 3%; create outdoor dining opportunities with pedestrian areas
- Limit social gatherings to 25 people or fewer
- Institute routine weekly testing of all workers in assisted living and long-term care facilities. Require masks for all staff and prohibit visitors
- Ensure that all business retailers and personal services require masks and can safely social distance
- Increase messaging on the risk of serious disease for individuals in all age groups with preexisting obesity, hypertension, and diabetes mellitus, and recommend to shelter in place
- Work with local community groups to provide targeted, tailored messaging to communities with high case rates, and increase community level testing
- Recruit more contact tracers as community outreach workers to ensure all cases are contacted and all positive households are individually tested within 24 hours
- Provide isolation facilities outside of households if COVID-positive individuals can't quarantine successfully

Testing

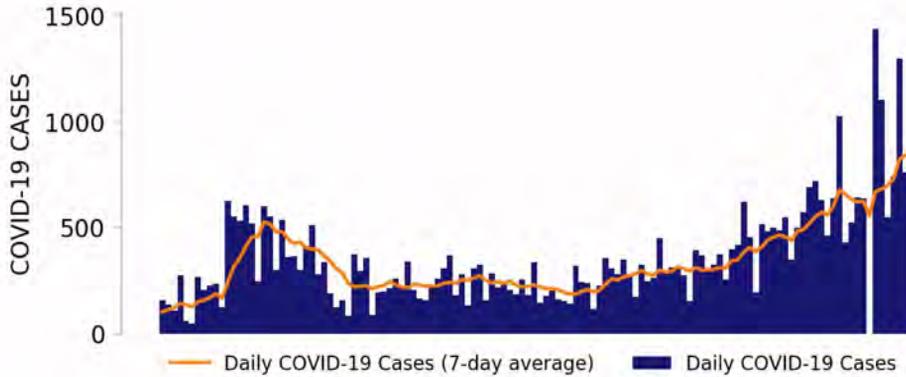
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- Surge testing and contact tracing resources to neighborhoods and zip codes with highest case rates
- **Diagnostic pooling:** Laboratories should use pooling of samples to increase testing access and reduce turnaround times to under 12 hours. Consider pools of 3-5 individuals
- **Surveillance pooling:** For family and cohabitating households, screen entire households in a single test by pooling specimens of all members into single collection device



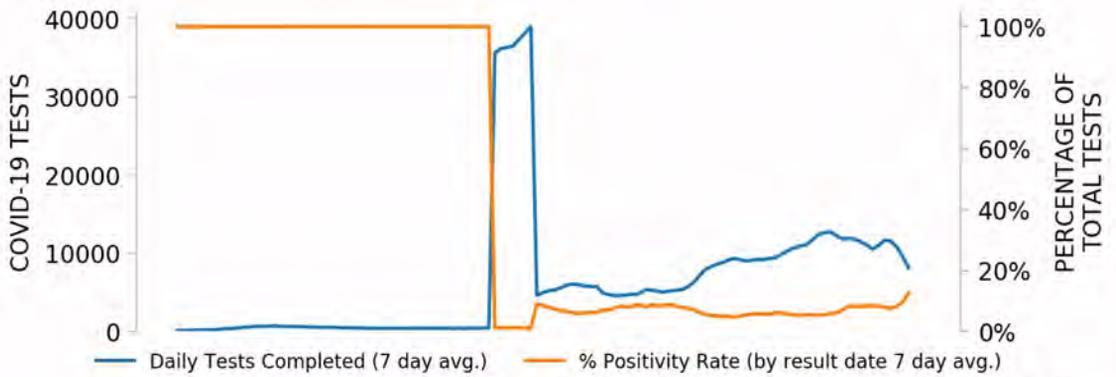
WASHINGTON

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NEW CASES

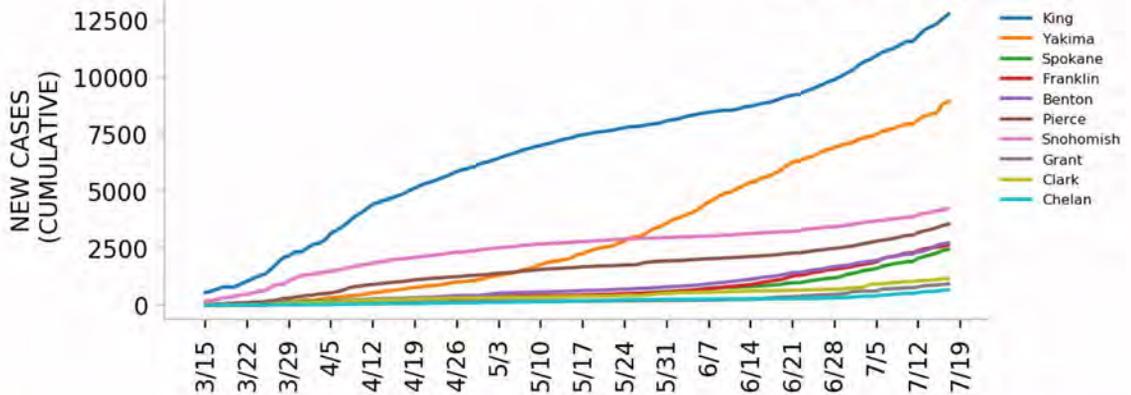


TESTING



Top counties based on greatest number of new cases in last three weeks (6/27 - 7/17)

TOP COUNTIES



DATA SOURCES

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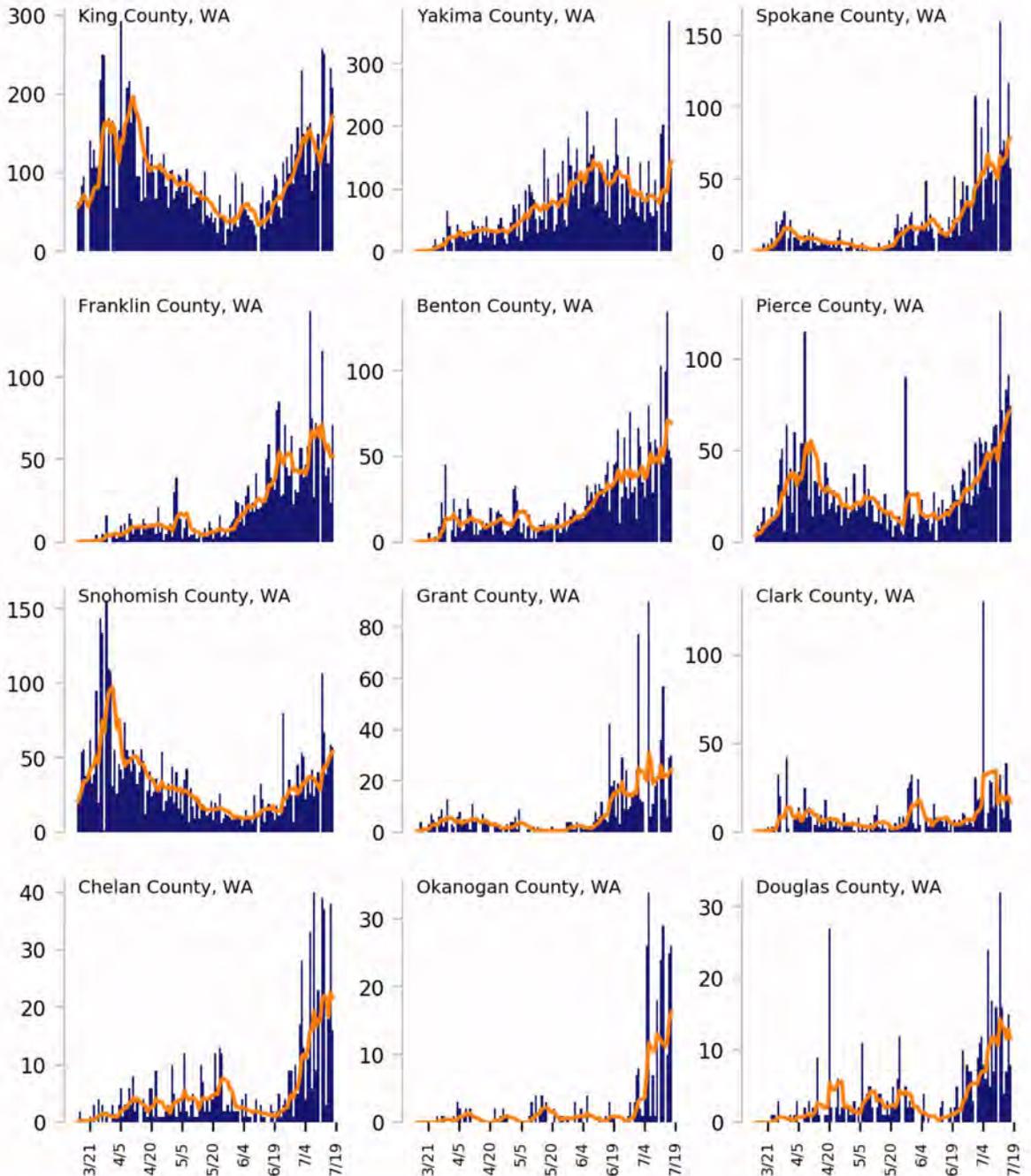
Testing: CELR (COVID-19 Electronic Lab Reporting) state health department-reported data through 7/15/2020.



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



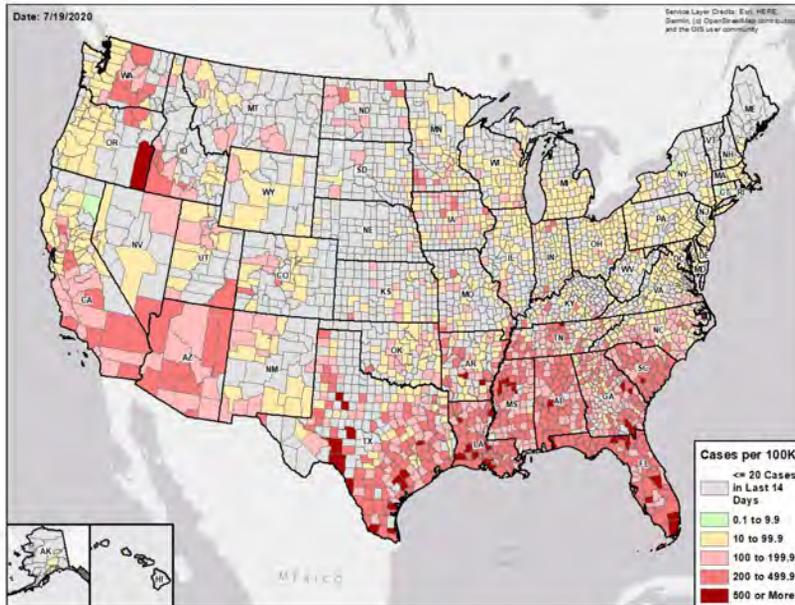
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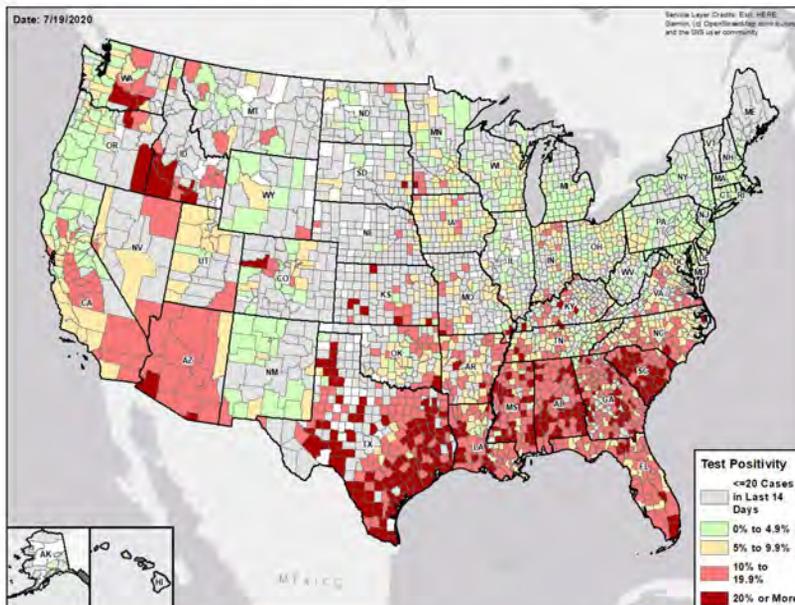


National Picture

NEW CASES PER 100,000 LAST WEEK



TEST POSITIVITY LAST WEEK



DATA SOURCES

Cases: County-level data from USAFacts through 7/17/2020. Last week is 7/11 - 7/17

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 7/15/2020. Last week is 7/9 - 7/15. Testing data may be backfilled over time, resulting in changes week-to-week in testing data. It is critical that states provide as up-to-date testing data as possible.



Methods

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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
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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	<0.5	0.5-2	>2
Percent change in deaths per 100,000 population	<-10%	-10% - 10%	>10%
Skilled Nursing Facilities with at least one COVID-19 case	0%	0.1%-5%	>5%
Change in SNFs with at least one COVID-19 case	<-0.5%	-0.5%-0.5%	>0.5%

DATA NOTES

- Cases and deaths:** County-level data from USAFacts as of 13:00 EDT on 07/18/2020. 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 7/11 to 7/17; previous week data are from 7/4 to 7/10.
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WEST VIRGINIA

STATE REPORT | 07.19.2020

SUMMARY

- West Virginia is in the yellow zone for cases, indicating between 10 to 100 new cases per 100,000 population last week, and the green zone for test positivity, indicating a rate below 5%.
- West Virginia has seen stability in new cases and a decrease in testing positivity over the past week.
- The following three counties had the highest number of new cases over the past 3 weeks: 1. Monongalia County, 2. Kanawha County, and 3. Wood County. These counties represent 40.4 percent of new cases in West Virginia.
- West Virginia had 50 new cases per 100,000 population in the past week, compared to a national average of 140 per 100,000.
- The federal government has deployed the following staff as assets to support the state response: 9 to support operations activities from FEMA; 23 to support operations activities from USCG; and 1 to support medical activities from VA.
- During Jul 15 - Jul 17, on average, 13 patients with confirmed COVID-19 and 45 patients with suspected COVID-19 were reported as newly admitted each day to hospitals in West Virginia. An average of 71 percent of hospitals reported 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

- Protect vulnerable populations in assisted living and long-term care facilities through weekly testing of all workers and requiring masks. In facilities with workers who tested positive, ensure all residents have been tested and appropriate cohorting measures are in place.
- Continue to scale contact tracing and ensure the ability of cases and contacts to quarantine or isolate safely.
- Monitor testing data to identify additional sites of increased transmission and focus public health resources on them.
- Ensure COVID-19 diagnostic testing continues to expand, specifically in the metro areas.
- Monitor compliance to mask use and social distancing at bars and restaurants if cases rise and adjust occupancy levels accordingly.
- Specific, detailed guidance on community mitigation measures can be found on the [CDC website](#).

The purpose of this report is to develop a shared understanding of the current status of the pandemic at the national, regional, state and local levels. We recognize that data at the state level may differ from that available at the federal level. Our objective is to use consistent data sources and methods that allow for comparisons to be made across localities. We appreciate your continued support in identifying data discrepancies and improving data completeness and sharing across systems. We look forward to your feedback.

** This figure may differ from state data due to differences in hospital lists between federal and state systems or inclusion of hospitals that are not admitting COVID-19 patients. We are working to incorporate feedback on an ongoing basis to update these figures. These data exclude psychiatric, rehabilitation, and religious non-medical hospitals.*



COVID-19

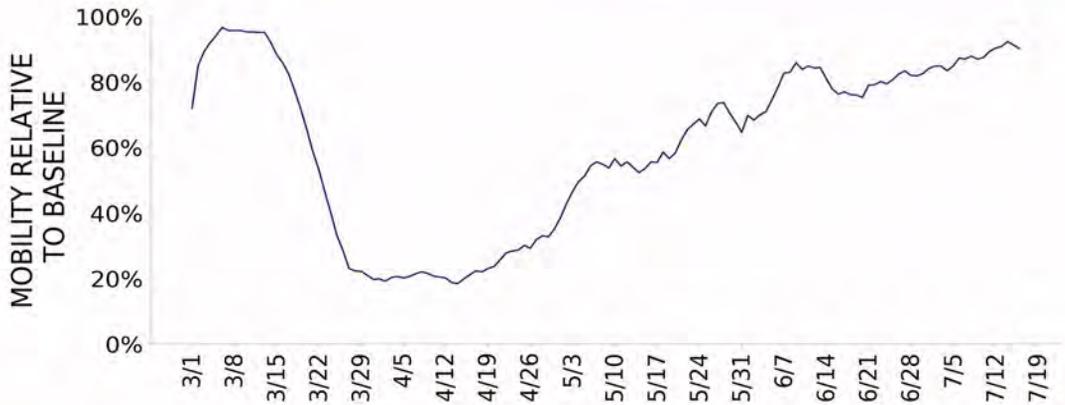


WEST VIRGINIA

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	STATE, LAST WEEK	STATE, % CHANGE FROM PREVIOUS WEEK	FEMA/HHS REGION, LAST WEEK	UNITED STATES, LAST WEEK
NEW CASES (RATE PER 100,000)	896 (50)	-0.6%	19,501 (63)	460,366 (140)
DIAGNOSTIC TEST POSITIVITY RATE	4.1%	-0.8%*	6.8%	9.1%
TOTAL DIAGNOSTIC TESTS (TESTS PER 100,000)	25,305 (1,412)	+39.9%	459,561 (1,489)	4,940,998 (1,505)
COVID DEATHS (RATE PER 100,000)	5 (0)	+150.0%	234 (1)	5,122 (2)
SNFs WITH AT LEAST ONE COVID-19 CASE	2.5%	+0.0%	8.2%	10.0%

MOBILITY



* Indicates absolute change in percentage points

DATA SOURCES

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 7/17/2020; last week is 7/11 - 7/17, previous week is 7/4 - 7/10.

Testing: State-level values calculated by using 7-day rolling averages of reported tests. Regional- and national-level values calculated by using a 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 7/15/2020. Last week is 7/9 - 7/15, previous week is 7/2 - 7/8. Testing data are inclusive of everything received and processed by the CELR system as of 14:00 EDT on 07/19/2020. Some dates may be incomplete due to delays in reporting. Testing data may be backfilled over time, resulting in changes week-to-week in testing data. It is critical that states provide as up-to-date testing data as possible.

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; 100% represents the baseline mobility level. Data is anonymized and provided at the county level. Data through 7/16/2020.

SNFs: Skilled nursing facilities. National Healthcare Safety Network. Last week is 7/6-7/12, previous week is 6/29-7/5.



WEST VIRGINIA

STATE REPORT | 07.19.2020

LOCALITIES IN RED ZONE

LOCALITIES IN YELLOW ZONE

METRO AREA (CBSA) LAST WEEK

0	N/A
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7	Morgantown Wheeling Clarksburg Fairmont Weirton-Steubenville Washington-Arlington-Alexandria Mount Gay-Shamrock
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COUNTY LAST WEEK

0	N/A
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17 Top 12 shown (full list below)	Monongalia Ohio Harrison Marion Jefferson Marshall Wayne Mingo Hancock Brooke Logan Mineral
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All Yellow Counties: Monongalia, Ohio, Harrison, Marion, Jefferson, Marshall, Wayne, Mingo, Hancock, Brooke, Logan, Mineral, Lincoln, Pendleton, Grant, Clay, Braxton

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 a diagnostic test positivity result above 10%.

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

Note: Top 12 locations are selected based on the highest number of new cases in the last three weeks.

DATA SOURCES

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 7/17/2020; last week is 7/11 - 7/17, three weeks is 6/27 - 7/17.

Testing: CELR (COVID-19 Electronic Lab Reporting) state health department-reported data through 7/15/2020. Last week is 7/9 - 7/15. Testing data may be backfilled over time, resulting in changes week-to-week in testing data. It is critical that states provide as up-to-date testing data as possible.

POLICY RECOMMENDATIONS FOR COUNTIES IN THE RED ZONE

Public Messaging

- Wear a mask at all times outside the home and maintain physical distance
- Limit social gatherings to 10 people or fewer
- Do not go to bars, nightclubs, or gyms
- Use take out or eat outdoors socially distanced
- Protect anyone with serious medical conditions at home by social distancing at home and using high levels of personal hygiene, including handwashing and cleaning surfaces
- Reduce your public interactions and activities to 25% of your normal activity

Public Officials

- Close bars and gyms, and create outdoor dining opportunities with pedestrian areas
- Limit social gatherings to 10 people or fewer
- Institute routine weekly testing of all workers in assisted living and long-term care facilities. Require masks for all staff and prohibit visitors
- Ensure that all business retailers and personal services require masks and can safely social distance
- Increase messaging on the risk of serious disease for individuals in all age groups with preexisting obesity, hypertension, and diabetes mellitus, and recommend to shelter in place
- Work with local community groups to provide targeted, tailored messaging to communities with high case rates, and increase community level testing
- Recruit more contact tracers as community outreach workers to ensure all cases are contacted and all positive households are individually tested within 24 hours
- Provide isolation facilities outside of households if COVID-positive individuals can't quarantine successfully

Testing

- Move to community-led neighborhood testing and work with local community groups to increase access to testing
- Surge testing and contact tracing resources to neighborhoods and zip codes with highest case rates
- **Diagnostic pooling:** Laboratories should use pooling of samples to increase testing access and reduce turnaround times to under 12 hours. Consider pools of 2-3 individuals in high incidence settings and 5:1 pools in setting where test positivity is under 10%
- **Surveillance pooling:** For family and cohabitating households, screen entire households in a single test by pooling specimens of all members into single collection device

POLICY RECOMMENDATIONS FOR COUNTIES IN THE YELLOW ZONE IN ORDER TO PREEMPT EXPONENTIAL COMMUNITY SPREAD

Public Messaging

- Wear a mask at all times outside the home and maintain physical distance
- Limit social gatherings to 25 people or fewer
- Do not go to bars or nightclubs
- Use take out, outdoor dining or indoor dining when strict social distancing can be maintained
- Protect anyone with serious medical conditions at home by social distancing at home and using high levels of personal hygiene
- Reduce your public interactions and activities to 50% of your normal activity

Public Officials

- Limit gyms to 25% occupancy and close bars until percent positive rates are under 3%; create outdoor dining opportunities with pedestrian areas
- Limit social gatherings to 25 people or fewer
- Institute routine weekly testing of all workers in assisted living and long-term care facilities. Require masks for all staff and prohibit visitors
- Ensure that all business retailers and personal services require masks and can safely social distance
- Increase messaging on the risk of serious disease for individuals in all age groups with preexisting obesity, hypertension, and diabetes mellitus, and recommend to shelter in place
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Testing

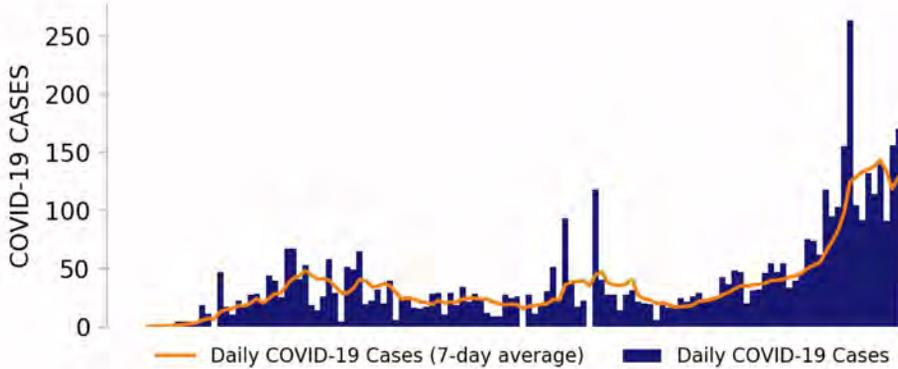
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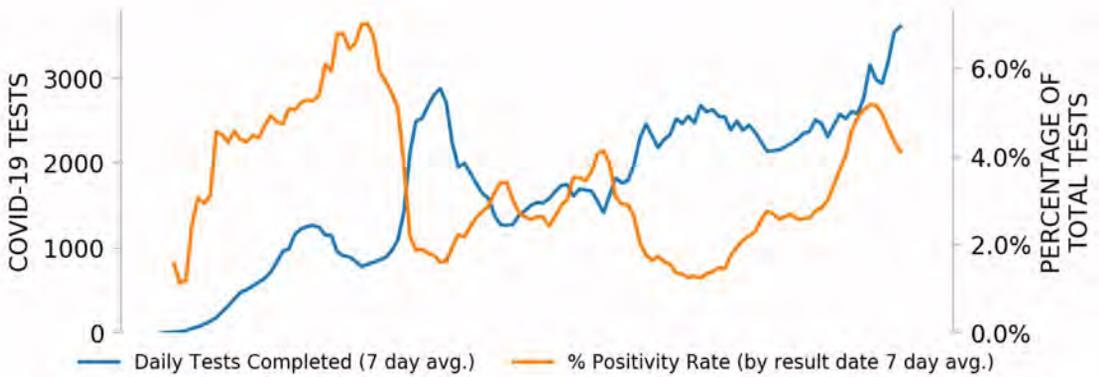
WEST VIRGINIA

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NEW CASES

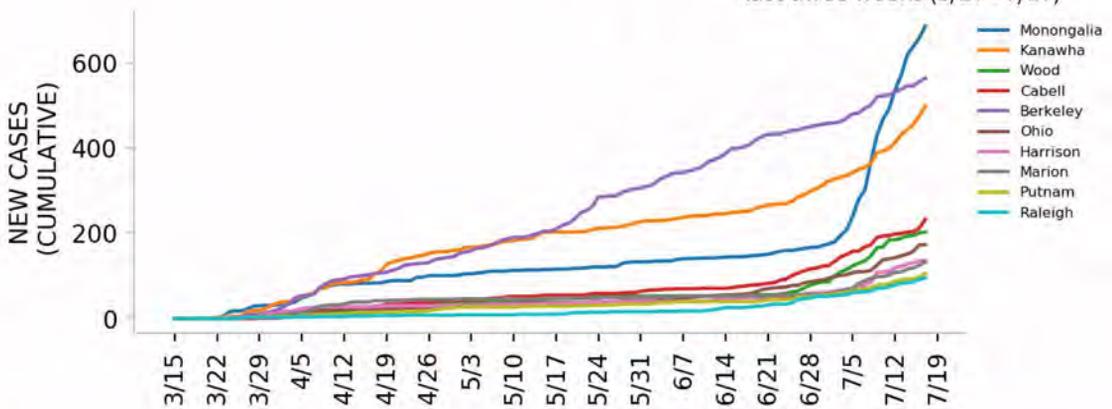


TESTING



Top counties based on greatest number of new cases in last three weeks (6/27 - 7/17)

TOP COUNTIES



DATA SOURCES

Cases: County-level data from USAFacts. 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 7/17/2020.

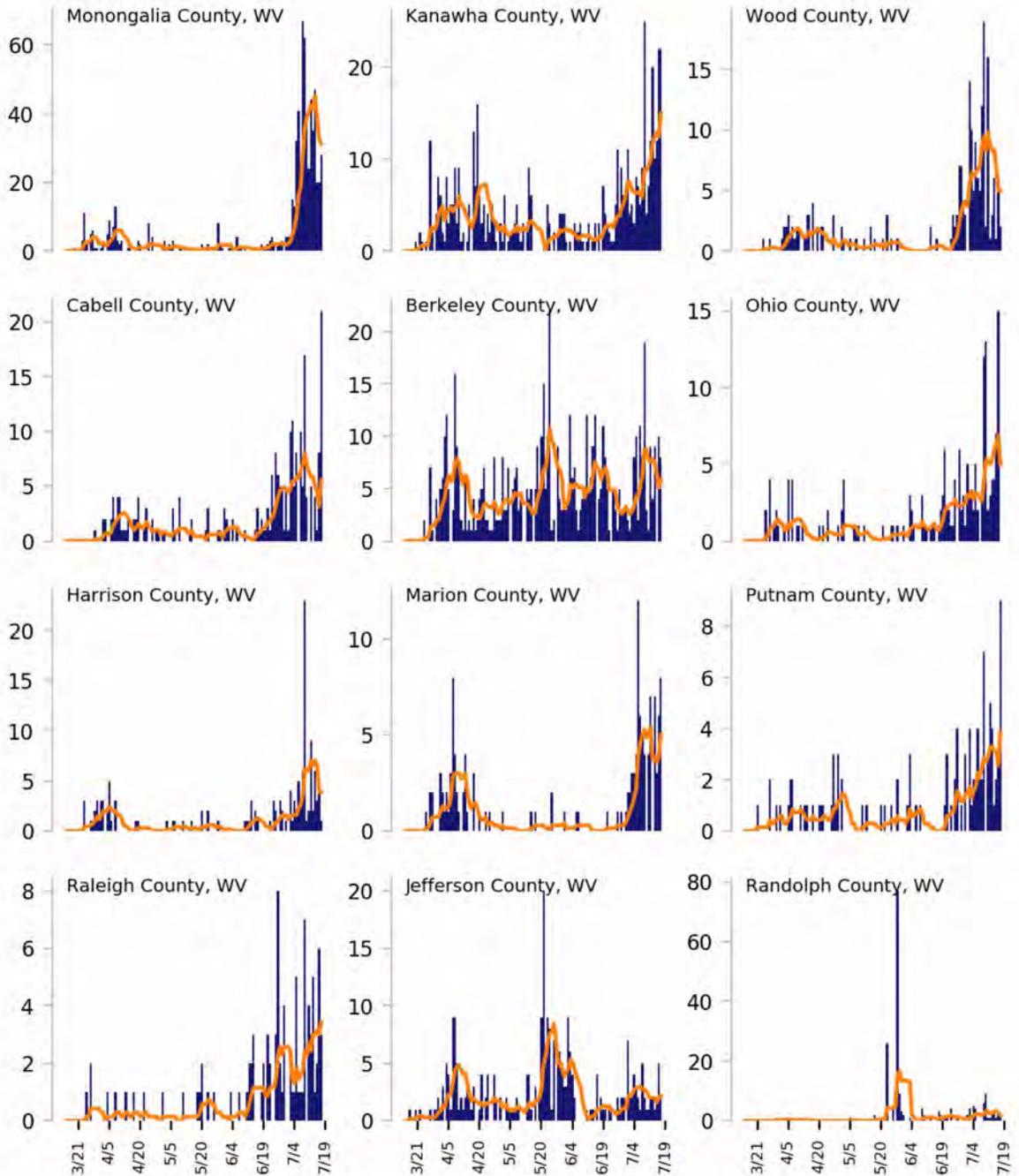
Testing: CELR (COVID-19 Electronic Lab Reporting) state health department-reported data through 7/15/2020.



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



DATA SOURCES

Cases: County-level data from USAFacts through 7/17/2020. Last 3 weeks is 6/27 - 7/17.

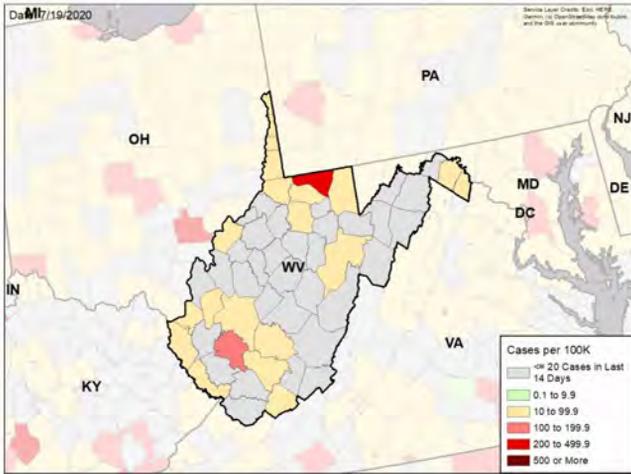


WEST VIRGINIA

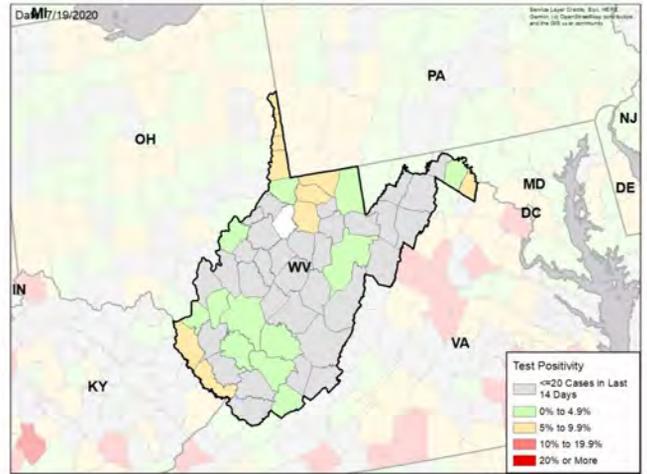
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CASE RATES AND DIAGNOSTIC TEST POSITIVITY DURING THE LAST WEEK

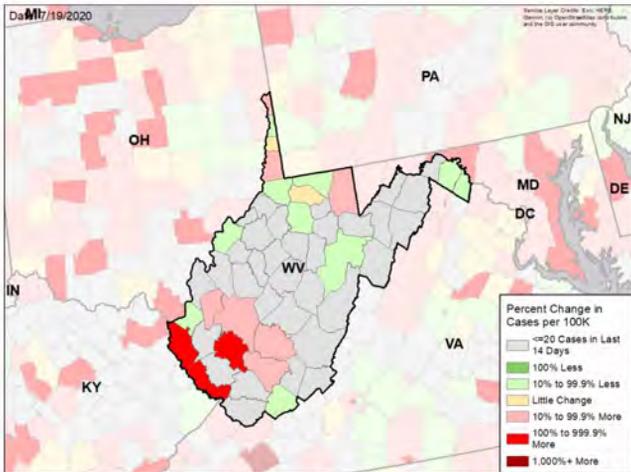
NEW CASES PER 100,000 DURING LAST WEEK



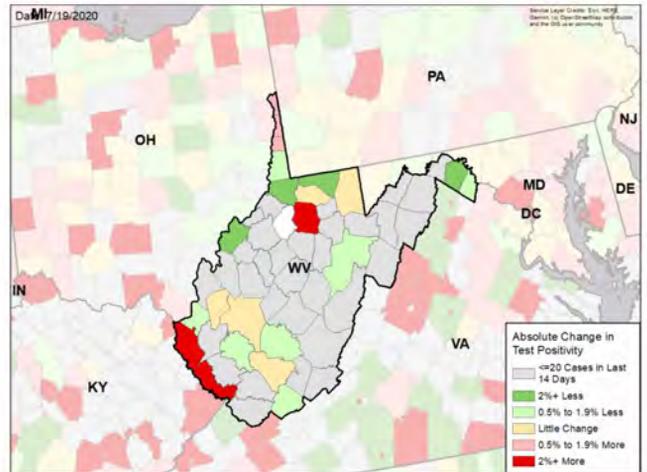
TEST POSITIVITY DURING LAST WEEK



WEEKLY % CHANGE IN NEW CASES PER 100K



WEEKLY CHANGE IN TEST POSITIVITY



DATA SOURCES

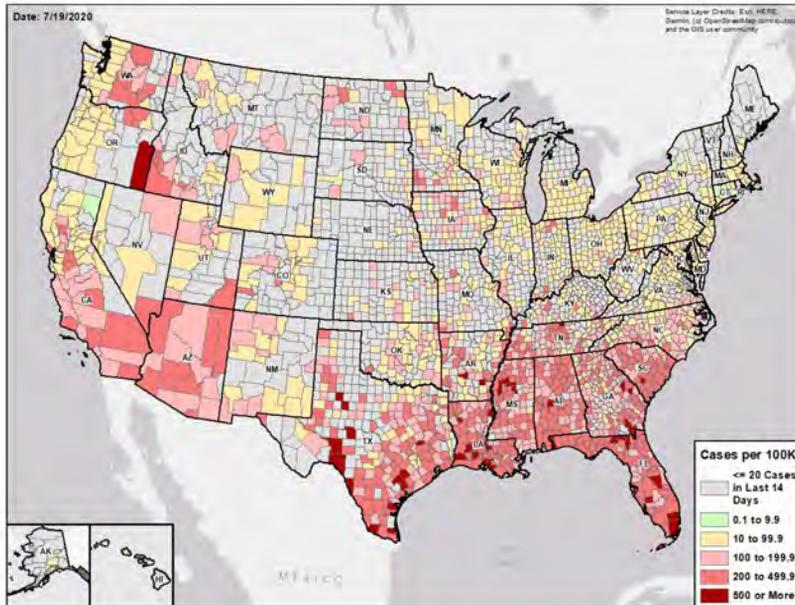
Cases: County-level data from USAFacts through 7/17/2020. Last week is 7/11 - 7/17, previous week is 7/4 - 7/10

Testing: CELR (COVID-19 Electronic Lab Reporting) state health department-reported data through 7/15/2020. Last week is 7/9 - 7/15, previous week is 7/2 - 7/8. Testing data may be backfilled over time, resulting in changes week-to-week in testing data. It is critical that states provide as up-to-date testing data as possible.

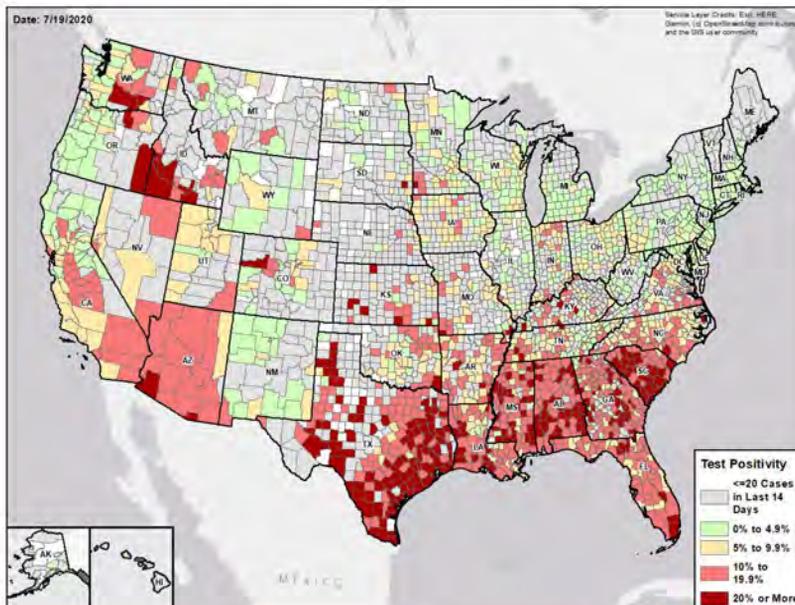


National Picture

NEW CASES PER 100,000 LAST WEEK



TEST POSITIVITY LAST WEEK



DATA SOURCES

Cases: County-level data from USAFacts through 7/17/2020. Last week is 7/11 - 7/17

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 7/15/2020. Last week is 7/9 - 7/15. Testing data may be backfilled over time, resulting in changes week-to-week in testing data. It is critical that states provide as up-to-date testing data as possible.



Methods

STATE REPORT | 07.19.2020

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)

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	<0.5	0.5-2	>2
Percent change in deaths per 100,000 population	<-10%	-10% - 10%	>10%
Skilled Nursing Facilities with at least one COVID-19 case	0%	0.1%-5%	>5%
Change in SNFs with at least one COVID-19 case	<-0.5%	-0.5%-0.5%	>0.5%

DATA NOTES

- Cases and deaths:** County-level data from USAFacts as of 13:00 EDT on 07/18/2020. 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 7/11 to 7/17; previous week data are from 7/4 to 7/10.
- Testing:** CELR (COVID-19 Electronic Lab Reporting) state health department-reported data are used to describe state-level totals when able to be disaggregated from serology test results and to describe county-level 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. Total diagnostic tests are the number of tests performed, not the number of individuals tested. Diagnostic test positivity rate is the number of positive tests divided by the number of tests performed and resulted. Last week data are from 7/9 to 7/15; previous week data are from 7/2 to 7/8. HHS Protect data is recent as of 16:30 EDT on 07/19/2020. Testing data are inclusive of everything received and processed by the CELR system as of 14:00 EDT on 07/19/2020. Testing data may be backfilled over time, resulting in changes week-to-week in testing data. It is critical that states provide as up-to-date testing data as possible.
- 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; 100% represents the baseline mobility level. Data is recent as of 13:00 EDT on 07/18/2020 and through 7/16/2020.
- 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.
- Skilled Nursing Facilities:** National Healthcare Safety Network (NHSN). 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 analysis. Also note that data presented by NHSN is more recent than the data publicly posted by CMS. Therefore, data presented may differ slightly from those publicly posted by CMS.



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SUMMARY

- Wisconsin is in the yellow zone for cases, indicating between 10 to 100 new cases per 100,000 population last week, and the yellow zone for test positivity, indicating a rate between 5% to 10%.
- Wisconsin has seen an increase in new cases and stability in testing positivity over the past week.
- The following three counties had the highest number of new cases over the past 3 weeks: 1. Milwaukee County, 2. Dane County, and 3. Waukesha County. These counties represent 53.8 percent of new cases in Wisconsin.
- Wisconsin had 99 new cases per 100,000 population in the past week, compared to a national average of 140 per 100,000.
- The federal government has deployed the following staff as assets to support the state response: 14 to support operations activities from FEMA; 2 from CDC; 1 to support operations activities from USCG; and 2 to support medical activities from VA.
- During Jul 15 - Jul 17, on average, 64 patients with confirmed COVID-19 and 103 patients with suspected COVID-19 were reported as newly admitted each day to hospitals in Wisconsin. An average of 65 percent of hospitals reported 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

- Communicate to the public about the risks of disruption to business activity and school operations if cases continue to rise.
- Support limiting of indoor seating at bars and restaurants by local public health authorities in highly affected counties.
- Consider further modulation of business occupancy and operating restrictions if cases continue to increase in other areas.
- Encourage mask usage and support the local ordinances being enacted by counties and cities. Consider a state-wide masking mandate if cases continue to increase this week.
- Encourage all individuals that participated in large social gatherings or protests, particularly those under age 40, to be tested to prevent spread to vulnerable individuals in the community. Significant levels of asymptomatic cases are being found in people under age 40 across the United States.
- Move to community-led neighborhood testing and work with local community groups to increase access of testing.
- Surge testing and contact tracing resources to neighborhoods and zip codes with highest case rates.
- Protect those in nursing homes and long-term care facilities by assuring access to rapid facility-wide testing in response to a resident or staff member with COVID-19. Address staff and supply shortages. Ensure social distancing and universal facemask use.
- Specific, detailed guidance on community mitigation measures can be found on the [CDC website](#).

The purpose of this report is to develop a shared understanding of the current status of the pandemic at the national, regional, state and local levels. We recognize that data at the state level may differ from that available at the federal level. Our objective is to use consistent data sources and methods that allow for comparisons to be made across localities. We appreciate your continued support in identifying data discrepancies and improving data completeness and sharing across systems. We look forward to your feedback.

** This figure may differ from state data due to differences in hospital lists between federal and state systems or inclusion of hospitals that are not admitting COVID-19 patients. We are working to incorporate feedback on an ongoing basis to update these figures. These data exclude psychiatric, rehabilitation, and religious non-medical hospitals.*



COVID-19

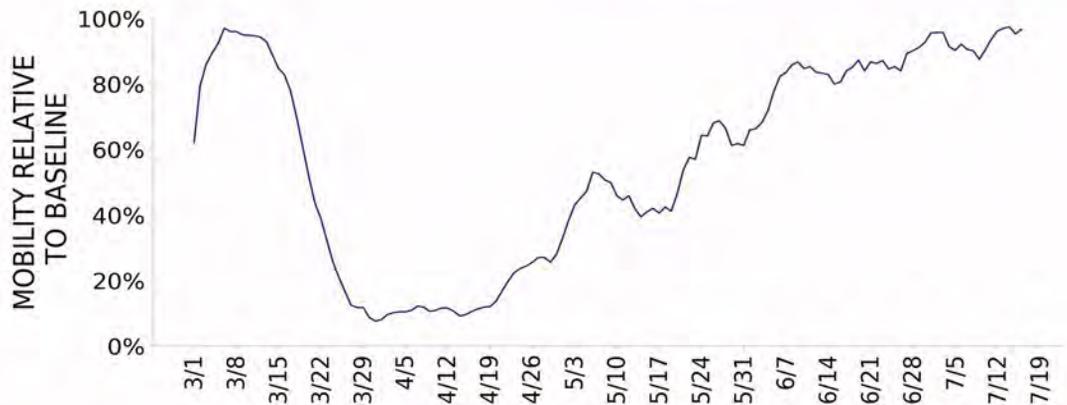


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STATE REPORT | 07.19.2020

	STATE, LAST WEEK	STATE, % CHANGE FROM PREVIOUS WEEK	FEMA/HHS REGION, LAST WEEK	UNITED STATES, LAST WEEK
NEW CASES (RATE PER 100,000)	5,757 (99)	+29.8%	36,439 (69)	460,366 (140)
DIAGNOSTIC TEST POSITIVITY RATE	5.3%	+0.2%*	5.0%	9.1%
TOTAL DIAGNOSTIC TESTS (TESTS PER 100,000)	140,747 (2,417)	+24.1%	883,705 (1,682)	4,940,998 (1,505)
COVID DEATHS (RATE PER 100,000)	19 (0)	+5.6%	401 (1)	5,122 (2)
SNFs WITH AT LEAST ONE COVID-19 CASE	3.8%	+0.4%	7.0%	10.0%

MOBILITY



* Indicates absolute change in percentage points

DATA SOURCES

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Testing: State-level values calculated by using 7-day rolling averages of reported tests. Regional- and national-level values calculated by using a 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 7/15/2020. Last week is 7/9 - 7/15, previous week is 7/2 - 7/8. Testing data are inclusive of everything received and processed by the CELR system as of 14:00 EDT on 07/19/2020. Some dates may be incomplete due to delays in reporting. Testing data may be backfilled over time, resulting in changes week-to-week in testing data. It is critical that states provide as up-to-date testing data as possible.

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; 100% represents the baseline mobility level. Data is anonymized and provided at the county level. Data through 7/16/2020.

SNFs: Skilled nursing facilities. National Healthcare Safety Network. Last week is 7/6-7/12, previous week is 6/29-7/5.



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LOCALITIES IN RED ZONE

LOCALITIES IN YELLOW ZONE

METRO AREA (CBSA) LAST WEEK

0

N/A

10

Milwaukee-Waukesha
Green Bay
Racine
Whitewater
Janesville-Beloit
Minneapolis-St. Paul-Bloomington
Watertown-Fort Atkinson
Sheboygan
Stevens Point
Marinette

COUNTY LAST WEEK

1

Iron

23

Top 12 shown (full list below)

Milwaukee
Waukesha
Brown
Kenosha
Racine
Walworth
Rock
Marathon
Jefferson
Sheboygan
Portage
Trempealeau

All Yellow Counties: Milwaukee, Waukesha, Brown, Kenosha, Racine, Walworth, Rock, Marathon, Jefferson, Sheboygan, Portage, Trempealeau, Waupaca, Marinette, Calumet, Pierce, Oconto, Juneau, Adams, Kewaunee, Door, Lafayette, Pepin

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 a diagnostic test positivity result above 10%.

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

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POLICY RECOMMENDATIONS FOR COUNTIES IN THE RED ZONE

Public Messaging

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- Protect anyone with serious medical conditions at home by social distancing at home and using high levels of personal hygiene, including handwashing and cleaning surfaces
- Reduce your public interactions and activities to 25% of your normal activity

Public Officials

- Close bars and gyms, and create outdoor dining opportunities with pedestrian areas
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- Institute routine weekly testing of all workers in assisted living and long-term care facilities. Require masks for all staff and prohibit visitors
- Ensure that all business retailers and personal services require masks and can safely social distance
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POLICY RECOMMENDATIONS FOR COUNTIES IN THE YELLOW ZONE IN ORDER TO PREEMPT EXPONENTIAL COMMUNITY SPREAD

Public Messaging

- Wear a mask at all times outside the home and maintain physical distance
- Limit social gatherings to 25 people or fewer
- Do not go to bars or nightclubs
- Use take out, outdoor dining or indoor dining when strict social distancing can be maintained
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Testing

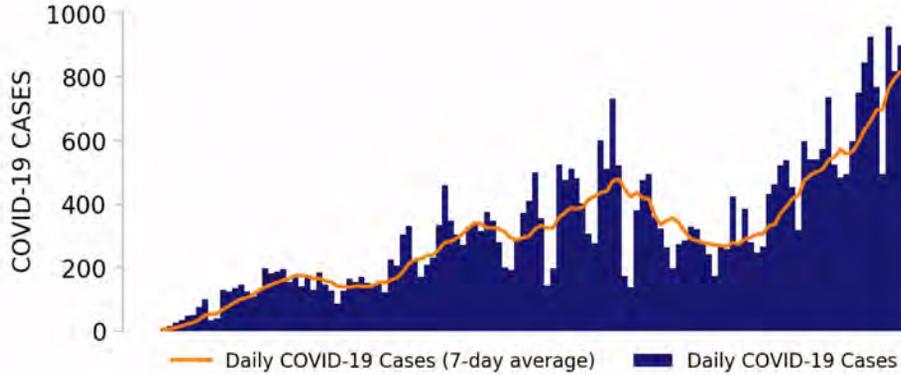
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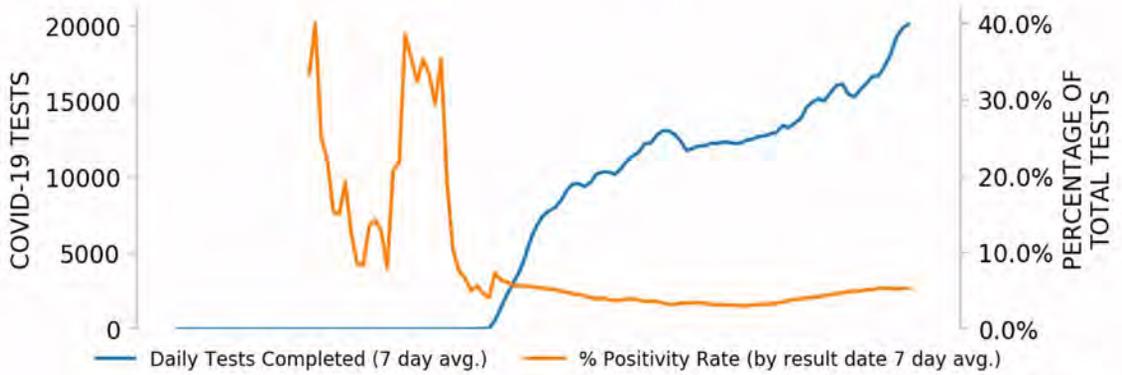
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NEW CASES

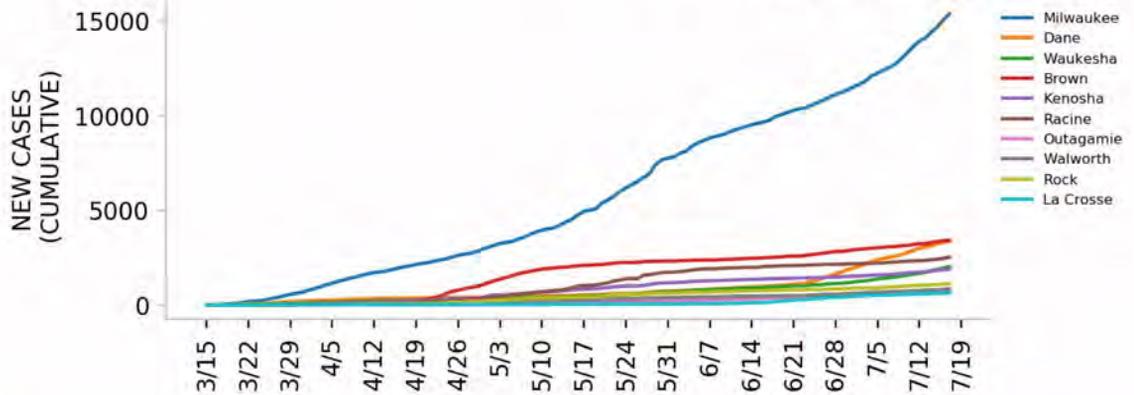


TESTING



Top counties based on greatest number of new cases in last three weeks (6/27 - 7/17)

TOP COUNTIES



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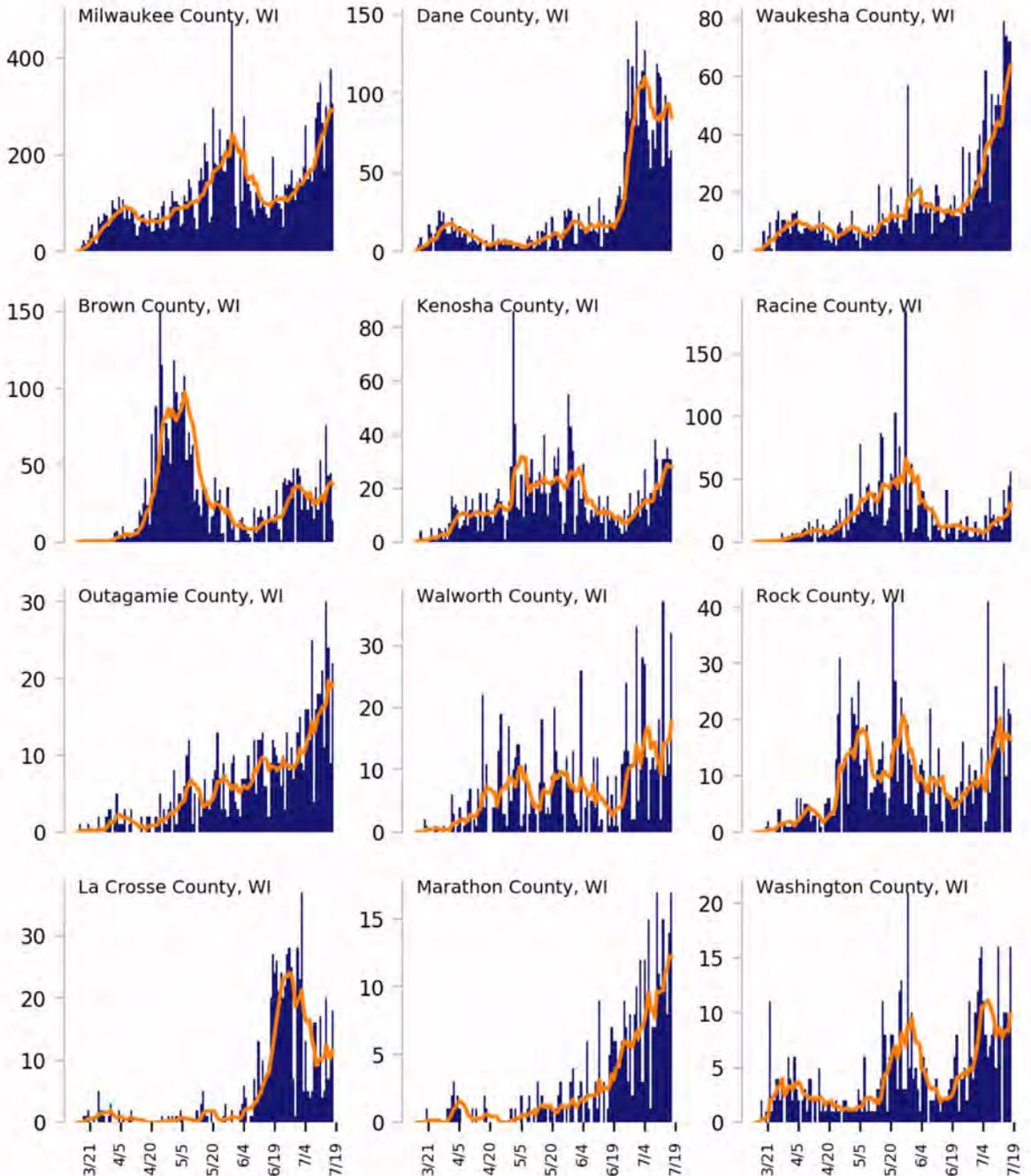
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Top 12 counties based on number of new cases in the last 3 weeks

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

TOTAL DAILY CASES



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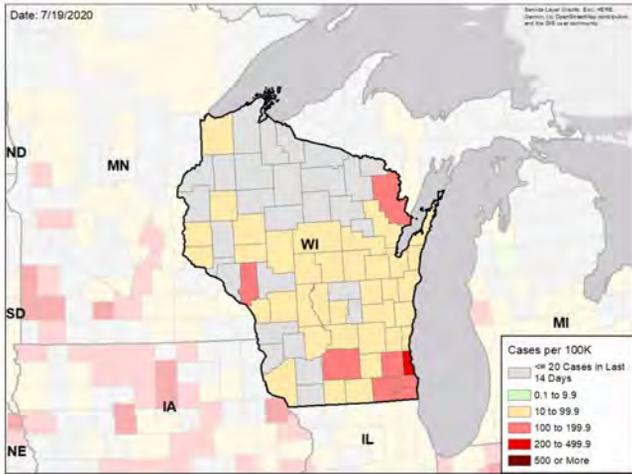


WISCONSIN

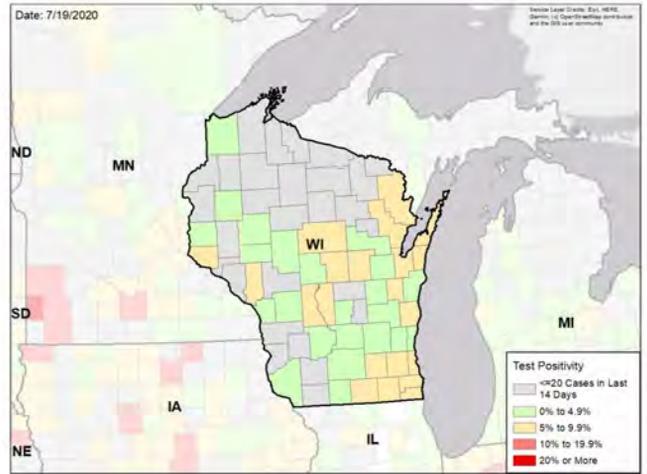
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CASE RATES AND DIAGNOSTIC TEST POSITIVITY DURING THE LAST WEEK

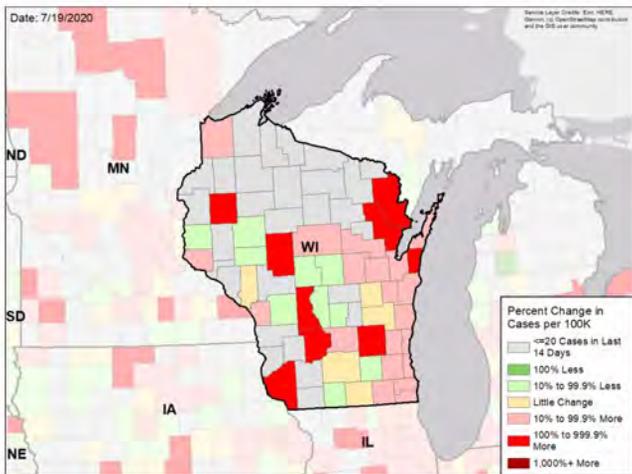
NEW CASES PER 100,000 DURING LAST WEEK



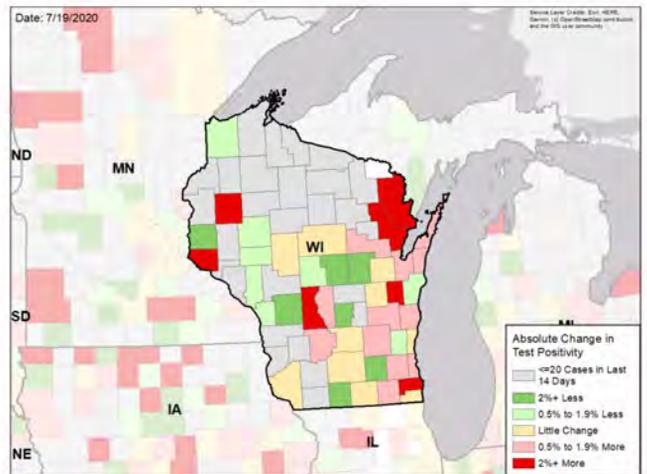
TEST POSITIVITY DURING LAST WEEK



WEEKLY % CHANGE IN NEW CASES PER 100K



WEEKLY CHANGE IN TEST POSITIVITY



DATA SOURCES

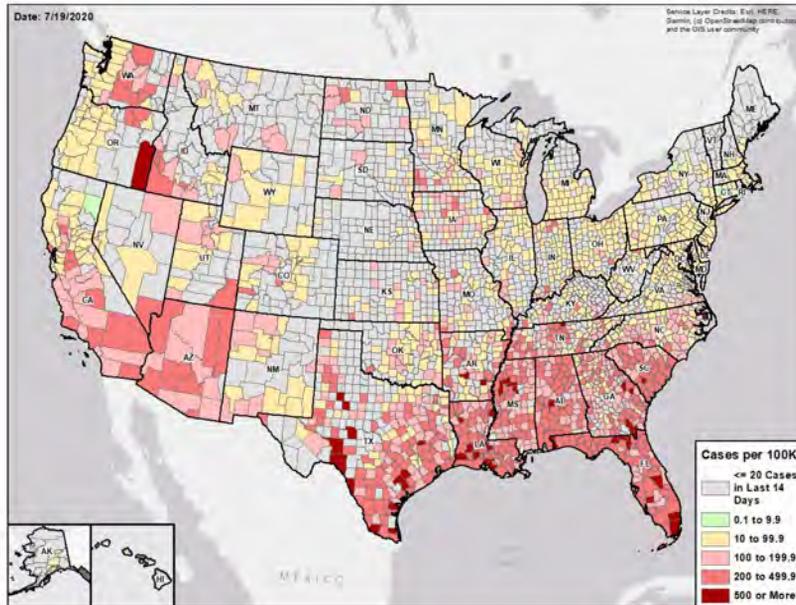
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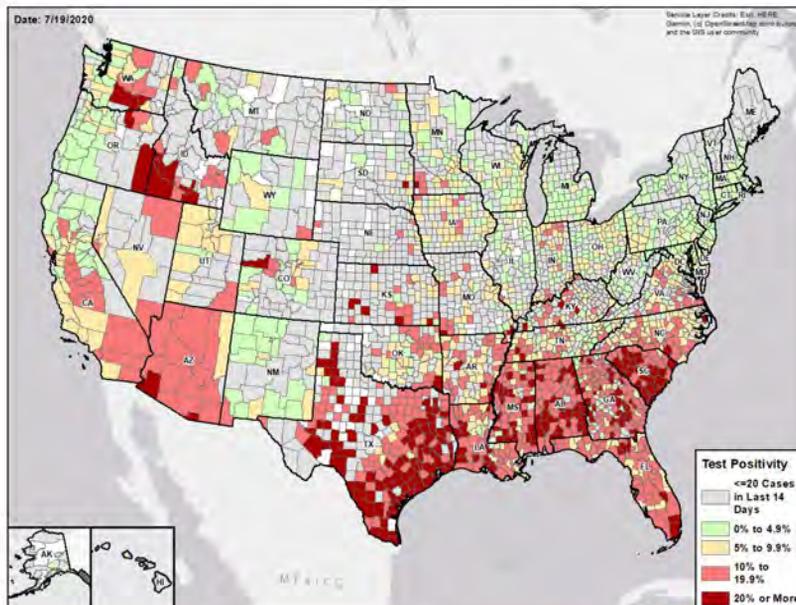


National Picture

NEW CASES PER 100,000 LAST WEEK



TEST POSITIVITY LAST WEEK



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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	<0.5	0.5-2	>2
Percent change in deaths per 100,000 population	<-10%	-10% - 10%	>10%
Skilled Nursing Facilities with at least one COVID-19 case	0%	0.1%-5%	>5%
Change in SNFs with at least one COVID-19 case	<-0.5%	-0.5%-0.5%	>0.5%

DATA NOTES

- Cases and deaths:** County-level data from USAFacts as of 13:00 EDT on 07/18/2020. 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 7/11 to 7/17; previous week data are from 7/4 to 7/10.
- Testing:** CELR (COVID-19 Electronic Lab Reporting) state health department-reported data are used to describe state-level totals when able to be disaggregated from serology test results and to describe county-level 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. Total diagnostic tests are the number of tests performed, not the number of individuals tested. Diagnostic test positivity rate is the number of positive tests divided by the number of tests performed and resulted. Last week data are from 7/9 to 7/15; previous week data are from 7/2 to 7/8. HHS Protect data is recent as of 16:30 EDT on 07/19/2020. Testing data are inclusive of everything received and processed by the CELR system as of 14:00 EDT on 07/19/2020. Testing data may be backfilled over time, resulting in changes week-to-week in testing data. It is critical that states provide as up-to-date testing data as possible.
- 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; 100% represents the baseline mobility level. Data is recent as of 13:00 EDT on 07/18/2020 and through 7/16/2020.
- 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.
- Skilled Nursing Facilities:** National Healthcare Safety Network (NHSN). 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 analysis. Also note that data presented by NHSN is more recent than the data publicly posted by CMS. Therefore, data presented may differ slightly from those publicly posted by CMS.



WYOMING

STATE REPORT | 07.19.2020

SUMMARY

- Wyoming is in the yellow zone for cases, indicating between 10 to 100 new cases per 100,000 population last week, and the green zone for test positivity, indicating a rate below 5%.
- Wyoming has seen an increase in new cases and an increase in testing positivity over the past week.
- The following three counties had the highest number of new cases over the past 3 weeks: 1. Laramie County, 2. Sweetwater County, and 3. Fremont County. These counties represent 39.5 percent of new cases in Wyoming.
- Wyoming had 47 new cases per 100,000 population in the past week, compared to a national average of 140 per 100,000.
- The federal government has deployed the following staff as assets to support the state response: 5 to support operations activities from FEMA and 2 to support medical activities from VA.
- During Jul 15 - Jul 17, on average, 1 patient with confirmed COVID-19 and 0 patients with suspected COVID-19 were reported as newly admitted each day to hospitals in Wyoming. An average of 28 percent of hospitals reported 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

- Continue to recommend face masks and maintaining 6 ft distancing for people outside of their homes.
- Continue aggressive case investigation and innovative contact tracing (use of app), with early isolation of known or suspected cases and quarantine of all contacts; maintain a particular focus in counties with elevated or increasing transmission, such as Fremont, Laramie and Teton counties.
- Continue emphasis on protecting those in nursing homes and long-term care facilities with effective surveillance, requiring face masks for all staff, and implementing aggressive measures for any identified cases.
- Continued cautious loosening of community measures, with reinstatement of containment measures if cases increase, is appropriate.
- Increase messaging on the risk of serious disease for older individuals and for individuals in all age groups with preexisting obesity, hypertension, and diabetes mellitus.
- Specific, detailed guidance on community mitigation measures can be found on the [CDC website](#).

The purpose of this report is to develop a shared understanding of the current status of the pandemic at the national, regional, state and local levels. We recognize that data at the state level may differ from that available at the federal level. Our objective is to use consistent data sources and methods that allow for comparisons to be made across localities. We appreciate your continued support in identifying data discrepancies and improving data completeness and sharing across systems. We look forward to your feedback.

** This figure may differ from state data due to differences in hospital lists between federal and state systems or inclusion of hospitals that are not admitting COVID-19 patients. We are working to incorporate feedback on an ongoing basis to update these figures. These data exclude psychiatric, rehabilitation, and religious non-medical hospitals.*



COVID-19

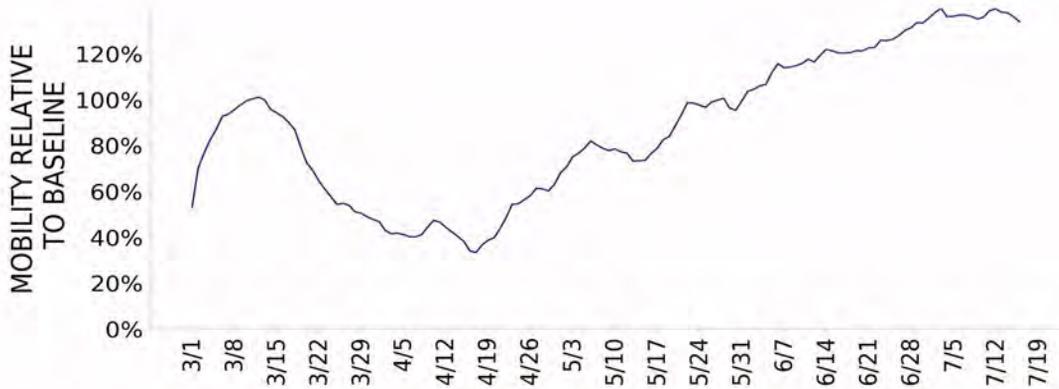


WYOMING

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	STATE, LAST WEEK	STATE, % CHANGE FROM PREVIOUS WEEK	FEMA/HHS REGION, LAST WEEK	UNITED STATES, LAST WEEK
NEW CASES (RATE PER 100,000)	273 (47)	+27.6%	9,520 (78)	460,366 (140)
DIAGNOSTIC TEST POSITIVITY RATE	3.5%	+0.6%*	6.0%	9.1%
TOTAL DIAGNOSTIC TESTS (TESTS PER 100,000)	5,717 (988)	-16.5%	182,910 (1,492)	4,940,998 (1,505)
COVID DEATHS (RATE PER 100,000)	3 (1)	+200.0%	81 (1)	5,122 (2)
SNFs WITH AT LEAST ONE COVID-19 CASE	2.9%	+0.0%	4.5%	10.0%

MOBILITY



* Indicates absolute change in percentage points

DATA SOURCES

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 7/17/2020; last week is 7/11 - 7/17, previous week is 7/4 - 7/10.

Testing: State-level values calculated by using 7-day rolling averages of reported tests. Regional- and national-level values calculated by using a 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 7/15/2020. Last week is 7/9 - 7/15, previous week is 7/2 - 7/8. Testing data are inclusive of everything received and processed by the CELR system as of 14:00 EDT on 07/19/2020. Some dates may be incomplete due to delays in reporting. Testing data may be backfilled over time, resulting in changes week-to-week in testing data. It is critical that states provide as up-to-date testing data as possible.

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; 100% represents the baseline mobility level. Data is anonymized and provided at the county level. Data through 7/16/2020.

SNFs: Skilled nursing facilities. National Healthcare Safety Network. Last week is 7/6-7/12, previous week is 6/29-7/5.



WYOMING

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LOCALITIES IN RED ZONE

LOCALITIES IN YELLOW ZONE

METRO AREA (CBSA) LAST WEEK

0

N/A

2

Cheyenne
Riverton

COUNTY LAST WEEK

0

N/A

4

Laramie
Fremont
Washakie
Weston

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 a diagnostic test positivity result above 10%.

Yellow Zone: Those core-based statistical areas (CBSAs) and counties that during the last week reported both new cases between 10-100 per 100,000 population, and a diagnostic test positivity result between 5-10%, or one of those two conditions and one condition qualifying as being in the “Red Zone.”

Note: Top 12 locations are selected based on the highest number of new cases in the last three weeks.

DATA SOURCES

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 7/17/2020; last week is 7/11 - 7/17, three weeks is 6/27 - 7/17.

Testing: HHS Protect laboratory data (provided directly to Federal Government from public health labs, hospital labs, and commercial labs) through 7/15/2020. Last week is 7/9 - 7/15. Testing data may be backfilled over time, resulting in changes week-to-week in testing data. It is critical that states provide as up-to-date testing data as possible.

POLICY RECOMMENDATIONS FOR COUNTIES IN THE RED ZONE

Public Messaging

- Wear a mask at all times outside the home and maintain physical distance
- Limit social gatherings to 10 people or fewer
- Do not go to bars, nightclubs, or gyms
- Use take out or eat outdoors socially distanced
- Protect anyone with serious medical conditions at home by social distancing at home and using high levels of personal hygiene, including handwashing and cleaning surfaces
- Reduce your public interactions and activities to 25% of your normal activity

Public Officials

- Close bars and gyms, and create outdoor dining opportunities with pedestrian areas
- Limit social gatherings to 10 people or fewer
- Institute routine weekly testing of all workers in assisted living and long-term care facilities. Require masks for all staff and prohibit visitors
- Ensure that all business retailers and personal services require masks and can safely social distance
- Increase messaging on the risk of serious disease for individuals in all age groups with preexisting obesity, hypertension, and diabetes mellitus, and recommend to shelter in place
- Work with local community groups to provide targeted, tailored messaging to communities with high case rates, and increase community level testing
- Recruit more contact tracers as community outreach workers to ensure all cases are contacted and all positive households are individually tested within 24 hours
- Provide isolation facilities outside of households if COVID-positive individuals can't quarantine successfully

Testing

- Move to community-led neighborhood testing and work with local community groups to increase access to testing
- Surge testing and contact tracing resources to neighborhoods and zip codes with highest case rates
- **Diagnostic pooling:** Laboratories should use pooling of samples to increase testing access and reduce turnaround times to under 12 hours. Consider pools of 2-3 individuals in high incidence settings and 5:1 pools in setting where test positivity is under 10%
- **Surveillance pooling:** For family and cohabitating households, screen entire households in a single test by pooling specimens of all members into single collection device

POLICY RECOMMENDATIONS FOR COUNTIES IN THE YELLOW ZONE IN ORDER TO PREEMPT EXPONENTIAL COMMUNITY SPREAD

Public Messaging

- Wear a mask at all times outside the home and maintain physical distance
- Limit social gatherings to 25 people or fewer
- Do not go to bars or nightclubs
- Use take out, outdoor dining or indoor dining when strict social distancing can be maintained
- Protect anyone with serious medical conditions at home by social distancing at home and using high levels of personal hygiene
- Reduce your public interactions and activities to 50% of your normal activity

Public Officials

- Limit gyms to 25% occupancy and close bars until percent positive rates are under 3%; create outdoor dining opportunities with pedestrian areas
- Limit social gatherings to 25 people or fewer
- Institute routine weekly testing of all workers in assisted living and long-term care facilities. Require masks for all staff and prohibit visitors
- Ensure that all business retailers and personal services require masks and can safely social distance
- Increase messaging on the risk of serious disease for individuals in all age groups with preexisting obesity, hypertension, and diabetes mellitus, and recommend to shelter in place
- Work with local community groups to provide targeted, tailored messaging to communities with high case rates, and increase community level testing
- Recruit more contact tracers as community outreach workers to ensure all cases are contacted and all positive households are individually tested within 24 hours
- Provide isolation facilities outside of households if COVID-positive individuals can't quarantine successfully

Testing

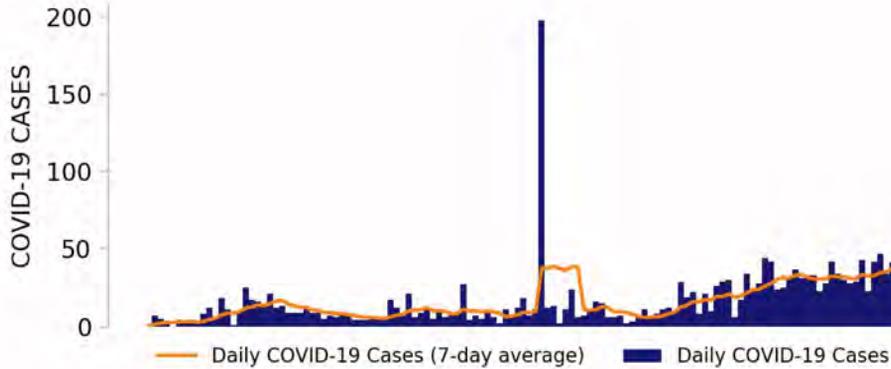
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- Surge testing and contact tracing resources to neighborhoods and zip codes with highest case rates
- **Diagnostic pooling:** Laboratories should use pooling of samples to increase testing access and reduce turnaround times to under 12 hours. Consider pools of 3-5 individuals
- **Surveillance pooling:** For family and cohabitating households, screen entire households in a single test by pooling specimens of all members into single collection device



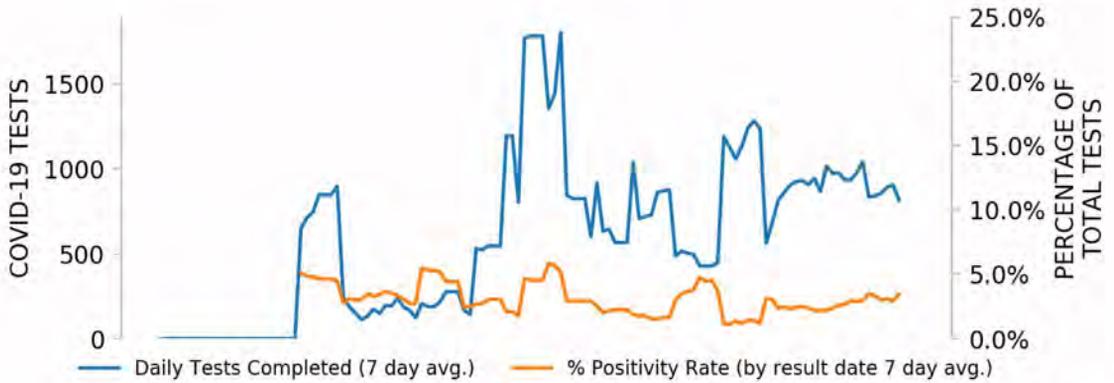
WYOMING

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NEW CASES

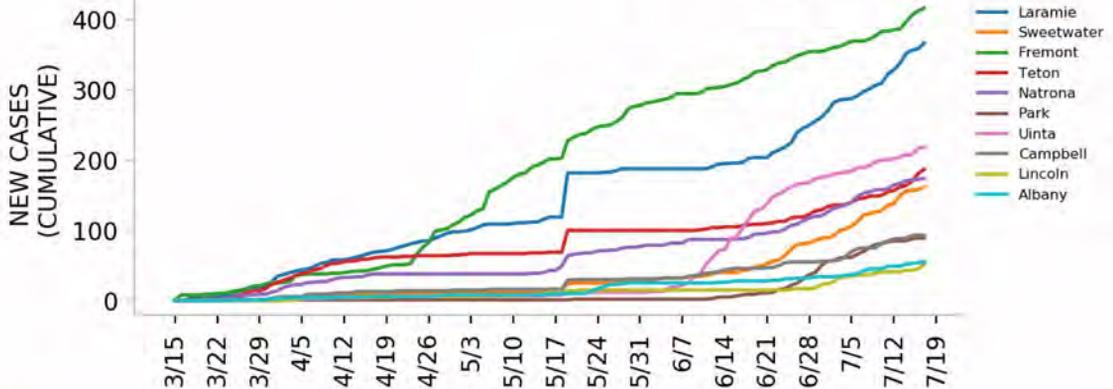


TESTING



Top counties based on greatest number of new cases in last three weeks (6/27 - 7/17)

TOP COUNTIES



DATA SOURCES

Cases: County-level data from USAFacts. 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 7/17/2020.

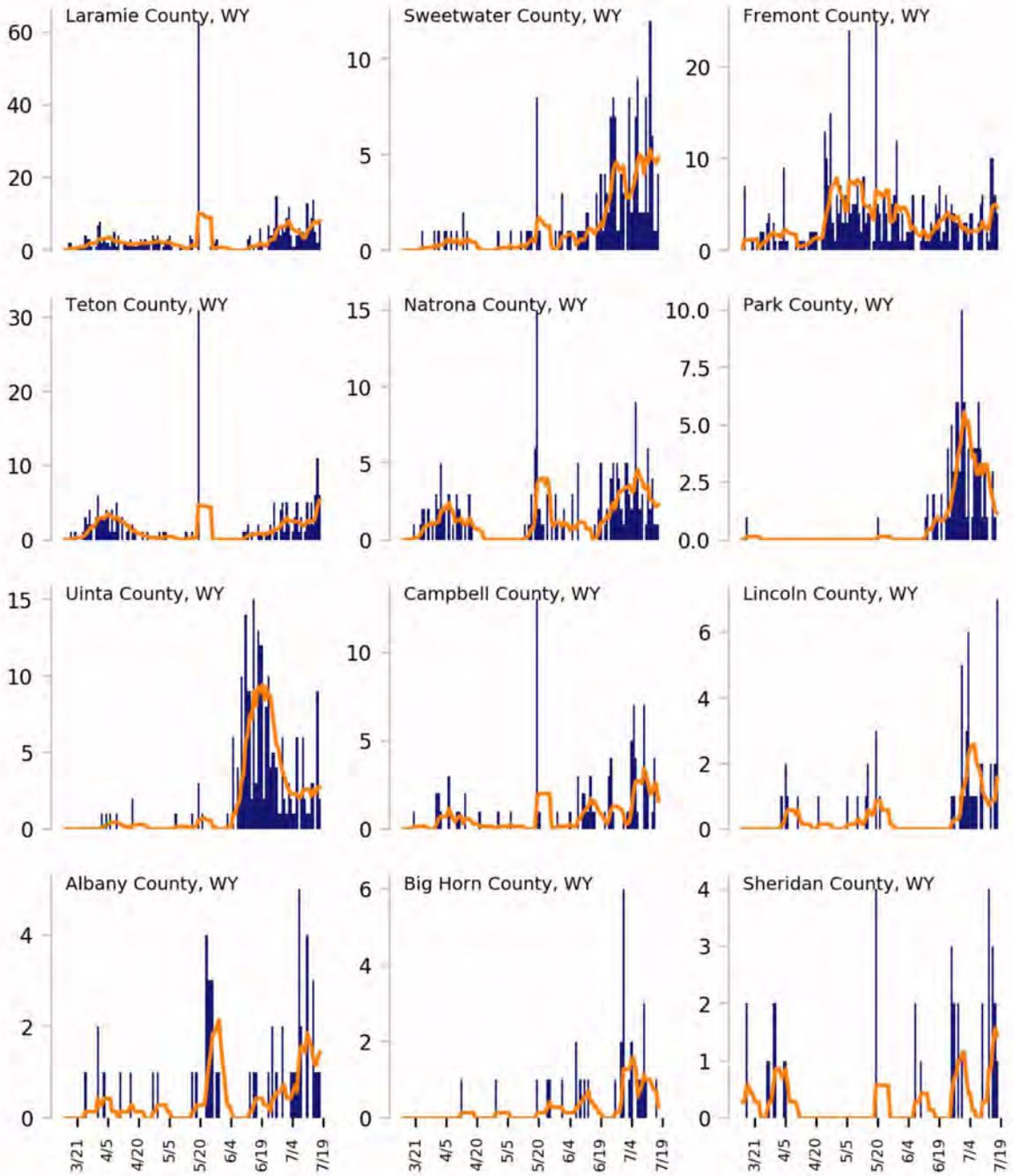
Testing: CELR (COVID-19 Electronic Lab Reporting) state health department-reported data through 7/15/2020.



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



DATA SOURCES

Cases: County-level data from USAFacts through 7/17/2020. Last 3 weeks is 6/27 - 7/17.

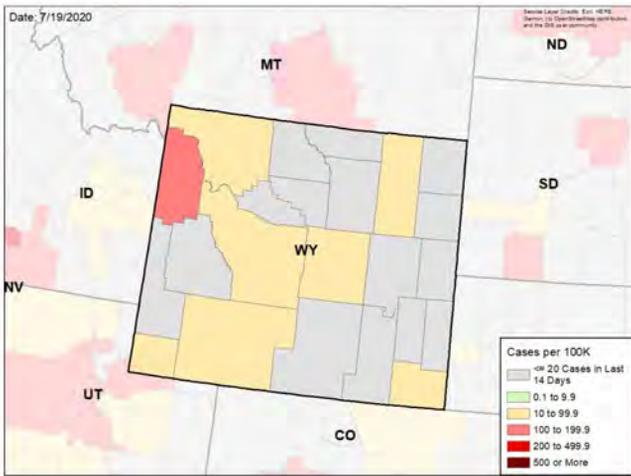


WYOMING

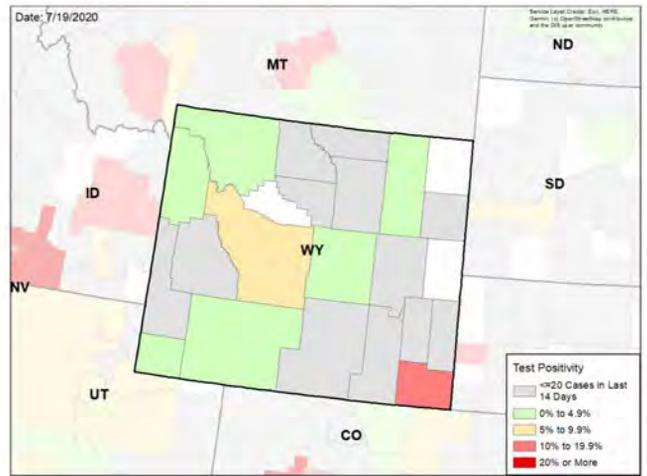
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CASE RATES AND DIAGNOSTIC TEST POSITIVITY DURING THE LAST WEEK

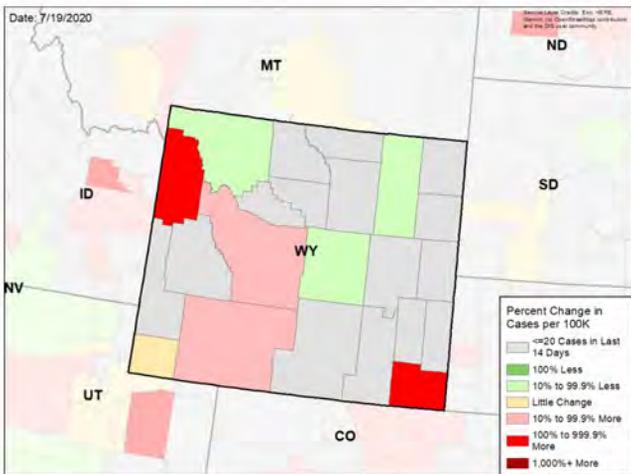
NEW CASES PER 100,000 DURING LAST WEEK



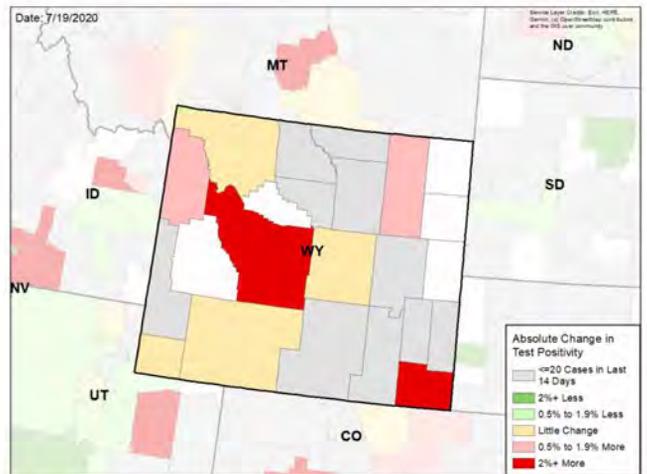
TEST POSITIVITY DURING LAST WEEK



WEEKLY % CHANGE IN NEW CASES PER 100K



WEEKLY CHANGE IN TEST POSITIVITY



DATA SOURCES

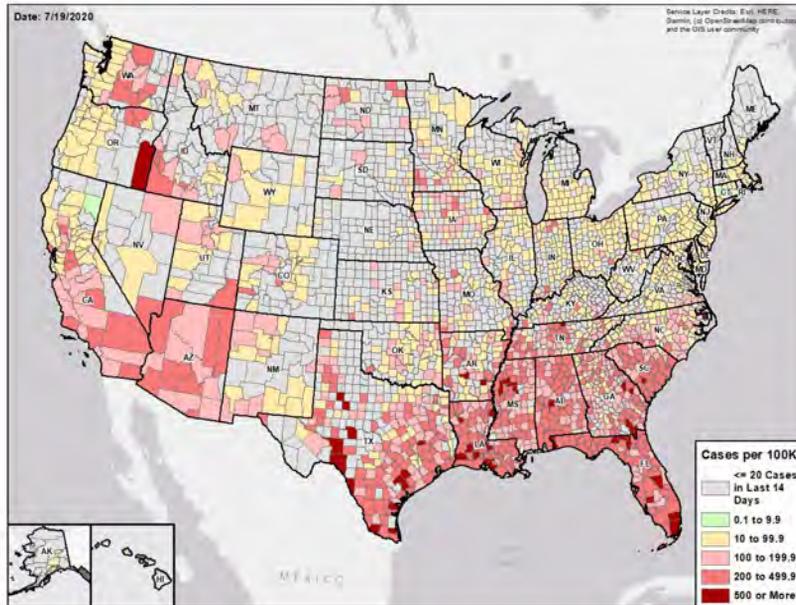
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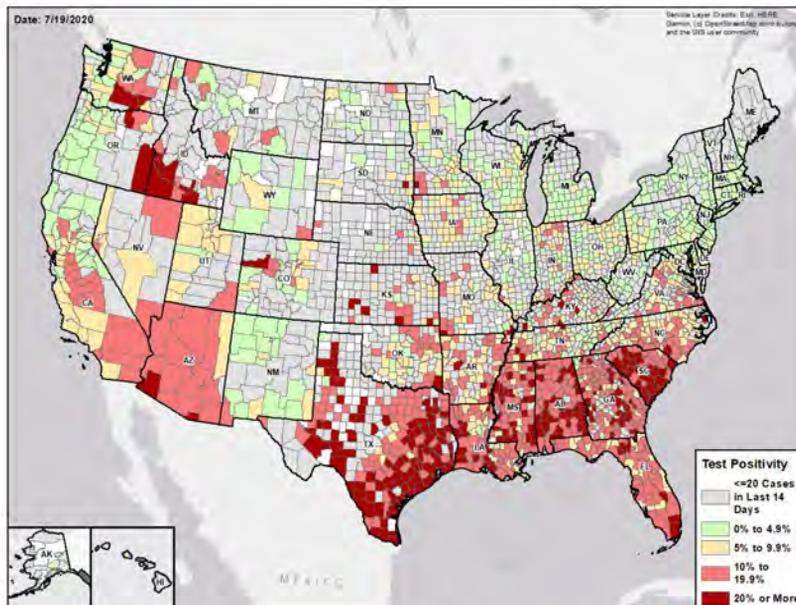


National Picture

NEW CASES PER 100,000 LAST WEEK



TEST POSITIVITY LAST WEEK



DATA SOURCES

Cases: County-level data from USAFacts through 7/17/2020. Last week is 7/11 - 7/17

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Methods

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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	<0.5	0.5-2	>2
Percent change in deaths per 100,000 population	<-10%	-10% - 10%	>10%
Skilled Nursing Facilities with at least one COVID-19 case	0%	0.1%-5%	>5%
Change in SNFs with at least one COVID-19 case	<-0.5%	-0.5%-0.5%	>0.5%

DATA NOTES

- Cases and deaths:** County-level data from USAFacts as of 13:00 EDT on 07/18/2020. 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 7/11 to 7/17; previous week data are from 7/4 to 7/10.
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