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.

* 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.
# ALABAMA

## STATE REPORT | 07.19.2020

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

* 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.
# ALABAMA

## STATE REPORT | 07.19.2020

### LOCALITIES IN RED ZONE

**METRO AREA (CBSA) LAST WEEK**

<table>
<thead>
<tr>
<th>Top 12 shown (full list below)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Birmingham-Hoover</td>
</tr>
<tr>
<td>Huntsville</td>
</tr>
<tr>
<td>Mobile</td>
</tr>
<tr>
<td>Montgomery</td>
</tr>
<tr>
<td>Tuscaloosa</td>
</tr>
<tr>
<td>Daphne-Fairhope-Foley</td>
</tr>
<tr>
<td>Albertville</td>
</tr>
<tr>
<td>Auburn-Opelika</td>
</tr>
<tr>
<td>Decatur</td>
</tr>
<tr>
<td>Gadsden</td>
</tr>
<tr>
<td>Fort Payne</td>
</tr>
<tr>
<td>Florence-Muscle Shoals</td>
</tr>
</tbody>
</table>

**COUNTY LAST WEEK**

<table>
<thead>
<tr>
<th>Top 12 shown (full list below)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Jefferson</td>
</tr>
<tr>
<td>Mobile</td>
</tr>
<tr>
<td>Madison</td>
</tr>
<tr>
<td>Montgomery</td>
</tr>
<tr>
<td>Tuscaloosa</td>
</tr>
<tr>
<td>Shelby</td>
</tr>
<tr>
<td>Baldwin</td>
</tr>
<tr>
<td>Marshall</td>
</tr>
<tr>
<td>Lee</td>
</tr>
<tr>
<td>Etowah</td>
</tr>
<tr>
<td>DeKalb</td>
</tr>
<tr>
<td>Morgan</td>
</tr>
</tbody>
</table>

### LOCALITIES IN YELLOW ZONE

- 0

### N/A

- 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

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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
ALABAMA
STATE REPORT | 07.19.2020

NEW CASES

COVID-19 CASES

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

TESTING

COVID-19 TESTS

Daily Tests Completed (7 day avg.)  % Positivity Rate (by result date 7 day avg.)

PERCENTAGE OF TOTAL TESTS

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

TOP COUNTIES

NEW CASES (CUMULATIVE)

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.

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

DATA SOURCES
ALABAMA
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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)

<table>
<thead>
<tr>
<th>Metric</th>
<th>Green</th>
<th>Yellow</th>
<th>Red</th>
</tr>
</thead>
<tbody>
<tr>
<td>New cases per 100,000 population per week</td>
<td>&lt;10</td>
<td>10-100</td>
<td>&gt;100</td>
</tr>
<tr>
<td>Percent change in new cases per 100,000 population</td>
<td>-10%</td>
<td>-10% - 10%</td>
<td>&gt;10%</td>
</tr>
<tr>
<td>Diagnostic test result positivity rate</td>
<td>&lt;5%</td>
<td>5%-10%</td>
<td>&gt;10%</td>
</tr>
<tr>
<td>Change in test positivity</td>
<td>&lt;0.5%</td>
<td>-0.5%-0.5%</td>
<td>&gt;0.5%</td>
</tr>
<tr>
<td>Total diagnostic tests resulted per 100,000 population per week</td>
<td>&gt;1000</td>
<td>500-1000</td>
<td>&lt;500</td>
</tr>
<tr>
<td>Percent change in tests per 100,000 population</td>
<td>&gt;10%</td>
<td>-10% - 10%</td>
<td>&lt;10%</td>
</tr>
<tr>
<td>COVID-19 deaths per 100,000 population per week</td>
<td>&lt;0.5</td>
<td>0.5-2</td>
<td>&gt;2</td>
</tr>
<tr>
<td>Percent change in deaths per 100,000 population</td>
<td>&lt;10%</td>
<td>-10% - 10%</td>
<td>&gt;10%</td>
</tr>
<tr>
<td>Skilled Nursing Facilities with at least one COVID-19 case</td>
<td>0%</td>
<td>0.1%-5%</td>
<td>&gt;5%</td>
</tr>
<tr>
<td>Change in SNFs with at least one COVID-19 case</td>
<td>&lt;0.5%</td>
<td>-0.5%-0.5%</td>
<td>&gt;0.5%</td>
</tr>
</tbody>
</table>

**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
STATE REPORT | 07.19.2020

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.

* 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 facilities. 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.
## ALASKA
### STATE REPORT | 07.19.2020

<table>
<thead>
<tr>
<th></th>
<th>STATE, LAST WEEK</th>
<th>STATE, % CHANGE FROM PREVIOUS WEEK</th>
<th>FEMA/HHS REGION, LAST WEEK</th>
<th>UNITED STATES, LAST WEEK</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>NEW CASES</strong></td>
<td>403 (55)</td>
<td>+46.5%</td>
<td>12,456 (87)</td>
<td>460,366 (140)</td>
</tr>
<tr>
<td>(RATE PER 100,000)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>DIAGNOSTIC TEST</strong></td>
<td>2.3%</td>
<td>+0.5%*</td>
<td>10.0%</td>
<td>9.1%</td>
</tr>
<tr>
<td><strong>POSITIVITY RATE</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>TOTAL DIAGNOSTIC</strong></td>
<td>26,050 (3,561)</td>
<td>+40.0%</td>
<td>176,868 (1,232)</td>
<td>4,940,998 (1,505)</td>
</tr>
<tr>
<td><strong>TESTS PER 100,000</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>COVID DEATHS</strong></td>
<td>3 (0)</td>
<td>N/A</td>
<td>83 (1)</td>
<td>5,122 (2)</td>
</tr>
<tr>
<td>(RATE PER 100,000)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>SNFs WITH AT LEAST</strong></td>
<td>0.0%</td>
<td>+0.0%</td>
<td>5.3%</td>
<td>10.0%</td>
</tr>
<tr>
<td><strong>ONE COVID-19 CASE</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

* Indicates absolute change in percentage points

**DATA SOURCES**

**Cases and Deaths:** 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; 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 borough; 100% represents the baseline mobility level. Data is anonymized and provided at the borough 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.
# ALASKA
## STATE REPORT | 07.19.2020

<table>
<thead>
<tr>
<th>METRO AREA (CBSA) LAST WEEK</th>
<th>LOCALITIES IN RED ZONE</th>
<th>LOCALITIES IN YELLOW ZONE</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>N/A</td>
<td>0</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>BOROUGH LAST WEEK</th>
<th>LOCALITIES IN RED ZONE</th>
<th>LOCALITIES IN YELLOW ZONE</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>N/A</td>
<td>1</td>
</tr>
</tbody>
</table>

**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.

**DATA SOURCES**

**Cases and Deaths:** 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; 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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ALASKA
STATE REPORT | 07.19.2020

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

DATA SOURCES
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

**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)

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<thead>
<tr>
<th>Metric</th>
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<th>Red</th>
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<tbody>
<tr>
<td>New cases per 100,000 population per week</td>
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<td>10-100</td>
<td>&gt;100</td>
</tr>
<tr>
<td>Percent change in new cases per 100,000 population</td>
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<td>Change in test positivity</td>
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<td>&gt;0.5%</td>
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<tr>
<td>Total diagnostic tests resulted per 100,000 population per week</td>
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<td>500-1000</td>
<td>&lt;500</td>
</tr>
<tr>
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<td>-10% - 10%</td>
<td>&lt;10%</td>
</tr>
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<td>COVID-19 deaths per 100,000 population per week</td>
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<td>0.5-2</td>
<td>&gt;2</td>
</tr>
<tr>
<td>Percent change in deaths per 100,000 population</td>
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**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.

- **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.
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; 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 submitting 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.
## ARIZONA
### STATE REPORT | 07.19.2020

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

* 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.
**ARIZONA**
STATE REPORT | 07.19.2020

### LOCALITIES IN RED ZONE

<table>
<thead>
<tr>
<th>METRO AREA (CBSA) LAST WEEK</th>
<th>LOCALITIES</th>
</tr>
</thead>
<tbody>
<tr>
<td>11</td>
<td>Phoenix-Mesa-Chandler, Tucson, Yuma, Show Low, Lake Havasu City-Kingman, Flagstaff, Prescott Valley-Prescott, Sierra Vista-Douglas, Nogales, Payson, Safford</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>COUNTY LAST WEEK</th>
<th>LOCALITIES</th>
</tr>
</thead>
<tbody>
<tr>
<td>13</td>
<td>Maricopa, Pima, Yuma, Pinal, Navajo, Mohave, Coconino, Yavapai, Cochise, Santa Cruz, Gila, Graham</td>
</tr>
</tbody>
</table>

### LOCALITIES IN YELLOW ZONE

<table>
<thead>
<tr>
<th>LOCALITIES</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
</tr>
</tbody>
</table>

### 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.

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

DATA SOURCES
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NEW CASES PER 100,000 DURING LAST WEEK

TEST POSITIVITY DURING LAST WEEK

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National Picture

NEW CASES PER 100,000 LAST WEEK

TEST POSITIVITY LAST WEEK

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STATE REPORT | 07.19.2020

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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.
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.

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 cohorts 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 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 facilities. 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.
## Arkansas State Report | 07.19.2020

<table>
<thead>
<tr>
<th></th>
<th>State, Last Week</th>
<th>State, % Change from Previous Week</th>
<th>FEMA/HHS Region, Last Week</th>
<th>United States, Last Week</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>New Cases (Rate per 100,000)</strong></td>
<td>4,962 (164)</td>
<td>+18.6%</td>
<td>98,661 (231)</td>
<td>460,366 (140)</td>
</tr>
<tr>
<td><strong>Diagnostic Test Positivity Rate</strong></td>
<td>9.9%</td>
<td>+0.1%*</td>
<td>16.1%</td>
<td>9.1%</td>
</tr>
<tr>
<td><strong>Total Diagnostic Tests (Tests per 100,000)</strong></td>
<td>39,880 (1,321)</td>
<td>+0.9%</td>
<td>515,746 (1,207)</td>
<td>4,940,998 (1,505)</td>
</tr>
<tr>
<td><strong>COVID Deaths (Rate per 100,000)</strong></td>
<td>40 (1)</td>
<td>+25.0%</td>
<td>948 (2)</td>
<td>5,122 (2)</td>
</tr>
<tr>
<td><strong>SNFs with at least one COVID-19 case</strong></td>
<td>9.8%</td>
<td>+1.4%</td>
<td>14.1%</td>
<td>10.0%</td>
</tr>
</tbody>
</table>

* 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

<table>
<thead>
<tr>
<th>METRO AREA (CBSA) LAST WEEK</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>9</strong></td>
</tr>
<tr>
<td>Fayetteville-Springdale-Rogers</td>
</tr>
<tr>
<td>Malvern</td>
</tr>
<tr>
<td>Russellville</td>
</tr>
<tr>
<td>Pine Bluff</td>
</tr>
<tr>
<td>Jonesboro</td>
</tr>
<tr>
<td>Blytheville</td>
</tr>
<tr>
<td>Texarkana</td>
</tr>
<tr>
<td>Memphis</td>
</tr>
<tr>
<td>Hope</td>
</tr>
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</table>

<table>
<thead>
<tr>
<th>COUNTY LAST WEEK</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>24</strong></td>
</tr>
<tr>
<td>Washington</td>
</tr>
<tr>
<td>Hot Spring</td>
</tr>
<tr>
<td>Pope</td>
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<td>Yell</td>
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<tr>
<td>Johnson</td>
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<tr>
<td>Craighead</td>
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<td>Mississippi</td>
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<tr>
<td>Crittenden</td>
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<tr>
<td>Lee</td>
</tr>
<tr>
<td>Miller</td>
</tr>
<tr>
<td>Sevier</td>
</tr>
<tr>
<td>Chicot</td>
</tr>
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</table>

### LOCALITIES IN YELLOW ZONE

<table>
<thead>
<tr>
<th>METRO AREA (CBSA) LAST WEEK</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>12</strong></td>
</tr>
<tr>
<td>Little Rock-North Little Rock-Conway</td>
</tr>
<tr>
<td>Fort Smith</td>
</tr>
<tr>
<td>Hot Springs</td>
</tr>
<tr>
<td>Forrest City</td>
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<tr>
<td>Searcy</td>
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<tr>
<td>Helena-West Helena</td>
</tr>
<tr>
<td>Batesville</td>
</tr>
<tr>
<td>Paragould</td>
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<tr>
<td>Magnolia</td>
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<tr>
<td>El Dorado</td>
</tr>
<tr>
<td>Arkadelphia</td>
</tr>
<tr>
<td>Camden</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>COUNTY LAST WEEK</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>37</strong></td>
</tr>
<tr>
<td>Pulaski</td>
</tr>
<tr>
<td>Benton</td>
</tr>
<tr>
<td>Sebastian</td>
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<tr>
<td>Faulkner</td>
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<tr>
<td>Saline</td>
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<tr>
<td>Jefferson</td>
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<td>Garland</td>
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<td>Crawford</td>
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<td>St. Francis</td>
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<tr>
<td>Lonoke</td>
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<tr>
<td>White</td>
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<tr>
<td>Phillips</td>
</tr>
</tbody>
</table>

**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

**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
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.


SelectSub_001040
Top 12 counties based on number of new cases in the last 3 weeks

**DATA SOURCES**

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)

<table>
<thead>
<tr>
<th>Metric</th>
<th>Green</th>
<th>Yellow</th>
<th>Red</th>
</tr>
</thead>
<tbody>
<tr>
<td>New cases per 100,000 population per week</td>
<td>&lt;10</td>
<td>10-100</td>
<td>&gt;100</td>
</tr>
<tr>
<td>Percent change in new cases per 100,000 population</td>
<td>&lt;-10%</td>
<td>-10%-10%</td>
<td>&gt;10%</td>
</tr>
<tr>
<td>Diagnostic test result positivity rate</td>
<td>&lt;5%</td>
<td>5%-10%</td>
<td>&gt;10%</td>
</tr>
<tr>
<td>Change in test positivity</td>
<td>&lt;-0.5%</td>
<td>-0.5%-0.5%</td>
<td>&gt;0.5%</td>
</tr>
<tr>
<td>Total diagnostic tests resulted per 100,000 population per week</td>
<td>&gt;1000</td>
<td>500-1000</td>
<td>&lt;500</td>
</tr>
<tr>
<td>Percent change in tests per 100,000 population</td>
<td>&gt;10%</td>
<td>-10%-10%</td>
<td>&lt;-10%</td>
</tr>
<tr>
<td>COVID-19 deaths per 100,000 population per week</td>
<td>&lt;0.5</td>
<td>0.5-2</td>
<td>&gt;2</td>
</tr>
<tr>
<td>Percent change in deaths per 100,000 population</td>
<td>&lt;-10%</td>
<td>-10%-10%</td>
<td>&gt;10%</td>
</tr>
<tr>
<td>Skilled Nursing Facilities with at least one COVID-19 case</td>
<td>0%</td>
<td>0.1%-5%</td>
<td>&gt;5%</td>
</tr>
<tr>
<td>Change in SNFs with at least one COVID-19 case</td>
<td>&lt;-0.5%</td>
<td>-0.5%-0.5%</td>
<td>&gt;0.5%</td>
</tr>
</tbody>
</table>

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.
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.
- 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.

* 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.
## CALIFORNIA
### STATE REPORT | 07.19.2020

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

* 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 for 7/15 had not been received at the time of generating this report, resulting in an underestimate of the number of tests conducted last week.

**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.
### LOCALITIES IN RED ZONE

<table>
<thead>
<tr>
<th>Metro Area (CBSA)</th>
<th>Last Week</th>
<th>County</th>
<th>Last Week</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Riverside-San Bernardino-Ontario</strong></td>
<td>9</td>
<td><strong>Orange</strong></td>
<td>14</td>
</tr>
<tr>
<td>Fresno</td>
<td></td>
<td><strong>Riverside</strong></td>
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<tr>
<td>Stockton</td>
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<td><strong>San Bernardino</strong></td>
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<tr>
<td>Modesto</td>
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<td><strong>Fresno</strong></td>
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<td>Visalia</td>
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<td><strong>San Joaquin</strong></td>
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<tr>
<td>El Centro</td>
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<td><strong>Stanislaus</strong></td>
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<tr>
<td>Merced</td>
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<td><strong>Tulare</strong></td>
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<tr>
<td>Hanford-Corcoran</td>
<td></td>
<td><strong>Imperial</strong></td>
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<tr>
<td>Madera</td>
<td></td>
<td><strong>Marin</strong></td>
<td></td>
</tr>
</tbody>
</table>

#### Top 12 shown (full list below)

- 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

### LOCALITIES IN YELLOW ZONE

<table>
<thead>
<tr>
<th>Metro Area (CBSA)</th>
<th>Last Week</th>
<th>County</th>
<th>Last Week</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Los Angeles</strong></td>
<td>12</td>
<td><strong>Los Angeles</strong></td>
<td>18</td>
</tr>
<tr>
<td><strong>San Diego</strong></td>
<td></td>
<td><strong>San Diego</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Sacramento</strong></td>
<td></td>
<td><strong>Sacramento</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Alameda</strong></td>
<td></td>
<td><strong>Alameda</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Kern</strong></td>
<td></td>
<td><strong>Kern</strong></td>
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<tr>
<td><strong>Ventura</strong></td>
<td></td>
<td><strong>Ventura</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Contra Costa</strong></td>
<td></td>
<td><strong>Contra Costa</strong></td>
<td></td>
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<tr>
<td><strong>Santa Barbara</strong></td>
<td></td>
<td><strong>Santa Barbara</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Monterey</strong></td>
<td></td>
<td><strong>Monterey</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Solano</strong></td>
<td></td>
<td><strong>Solano</strong></td>
<td></td>
</tr>
<tr>
<td><strong>San Mateo</strong></td>
<td></td>
<td><strong>San Mateo</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Sonoma</strong></td>
<td></td>
<td><strong>Sonoma</strong></td>
<td></td>
</tr>
</tbody>
</table>

#### Top 12 shown (full list below)

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

### 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 settings 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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- 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

COVID-19 CASES

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

TESTING

COVID-19 TESTS

- Daily Tests Completed (7 day avg.)
- % Positivity Rate (by result date 7 day avg.)

TOP COUNTIES

NEW CASES (CUMULATIVE)

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.

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

DATA SOURCES
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.
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)

<table>
<thead>
<tr>
<th>Metric</th>
<th>Green</th>
<th>Yellow</th>
<th>Red</th>
</tr>
</thead>
<tbody>
<tr>
<td>New cases per 100,000 population per week</td>
<td>&lt;10</td>
<td>10-100</td>
<td>&gt;100</td>
</tr>
<tr>
<td>Percent change in new cases per 100,000 population</td>
<td>&lt;-10%</td>
<td>-10% -10%</td>
<td>&gt;10%</td>
</tr>
<tr>
<td>Diagnostic test result positivity rate</td>
<td>&lt;5%</td>
<td>5%-10%</td>
<td>&gt;10%</td>
</tr>
<tr>
<td>Change in test positivity</td>
<td>&lt;-0.5%</td>
<td>-0.5%-0.5%</td>
<td>&gt;0.5%</td>
</tr>
<tr>
<td>Total diagnostic tests resulted per 100,000 population per week</td>
<td>&gt;1000</td>
<td>500-1000</td>
<td>&lt;500</td>
</tr>
<tr>
<td>Percent change in tests per 100,000 population</td>
<td>&gt;10%</td>
<td>-10% -10%</td>
<td>&lt;-10%</td>
</tr>
<tr>
<td>COVID-19 deaths per 100,000 population per week</td>
<td>&lt;0.5</td>
<td>0.5-2</td>
<td>&gt;2</td>
</tr>
<tr>
<td>Percent change in deaths per 100,000 population</td>
<td>&lt;-10%</td>
<td>-10% -10%</td>
<td>&gt;10%</td>
</tr>
<tr>
<td>Skilled Nursing Facilities with at least one COVID-19 case</td>
<td>0%</td>
<td>0.1%-5%</td>
<td>&gt;5%</td>
</tr>
<tr>
<td>Change in SNFs with at least one COVID-19 case</td>
<td>&lt;-0.5%</td>
<td>-0.5%-0.5%</td>
<td>&gt;0.5%</td>
</tr>
</tbody>
</table>

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 35 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 USAEC.
- 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.
COLORADO
STATE REPORT | 07.19.2020

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

* 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

<table>
<thead>
<tr>
<th>METRO AREA (CBSA) LAST WEEK</th>
<th>LOCALITIES</th>
</tr>
</thead>
<tbody>
<tr>
<td>Glenwood Springs, Edwards</td>
<td>2</td>
</tr>
</tbody>
</table>

### LOCALITIES IN YELLOW ZONE

<table>
<thead>
<tr>
<th>COUNTY LAST WEEK</th>
<th>LOCALITIES</th>
</tr>
</thead>
<tbody>
<tr>
<td>Garfield, Eagle, Pitkin, Sedgwick</td>
<td>15 Top 12 shown (full list below)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
<th>4</th>
</tr>
</thead>
<tbody>
<tr>
<td>Denver-Aurora-Lakewood, Colorado Springs, Greeley, Montrose</td>
<td>4</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
<th>15</th>
</tr>
</thead>
</table>

### All Yellow Counties:

### 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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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:
The 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
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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
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COLORADO
STATE REPORT | 07.19.2020

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

DATA SOURCES
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
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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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<td>-10% to 10%</td>
<td>&gt;10%</td>
</tr>
<tr>
<td>Diagnostic test result positivity rate</td>
<td>&lt;5%</td>
<td>5% to 10%</td>
<td>&gt;10%</td>
</tr>
<tr>
<td>Change in test positivity</td>
<td>&lt;0.5%</td>
<td>0.5% to 10%</td>
<td>&gt;0.5%</td>
</tr>
<tr>
<td>Total diagnostic tests resulted per 100,000 population per week</td>
<td>&gt;1000</td>
<td>500 to 1000</td>
<td>&lt;500</td>
</tr>
<tr>
<td>Percent change in tests per 100,000 population</td>
<td>&gt;10%</td>
<td>10% to 10%</td>
<td>&lt;10%</td>
</tr>
<tr>
<td>COVID-19 deaths per 100,000 population per week</td>
<td>&lt;0.5</td>
<td>0.5 to 2</td>
<td>&gt;2</td>
</tr>
<tr>
<td>Percent change in deaths per 100,000 population</td>
<td>&lt;10%</td>
<td>10% to 10%</td>
<td>&gt;10%</td>
</tr>
<tr>
<td>Skilled Nursing Facilities with at least one COVID-19 case</td>
<td>0%</td>
<td>0.1% to 5%</td>
<td>&gt;5%</td>
</tr>
<tr>
<td>Change in SNFs with at least one COVID-19 case</td>
<td>&lt;0.5%</td>
<td>0.5% to 5%</td>
<td>&gt;0.5%</td>
</tr>
</tbody>
</table>

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 performed 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.
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.
## CONNECTICUT

### STATE REPORT | 07.19.2020

<table>
<thead>
<tr>
<th>Category</th>
<th>State, Last Week</th>
<th>State, % Change from Previous Week</th>
<th>FEMA/HHS Region, Last Week</th>
<th>United States, Last Week</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>NEW CASES (Rate per 100,000)</strong></td>
<td>606 (17)</td>
<td>+6.3%</td>
<td>3,236 (22)</td>
<td>460,366 (140)</td>
</tr>
<tr>
<td><strong>Diagnostic Test Positivity Rate</strong></td>
<td>1.1%</td>
<td>-0.1%*</td>
<td>1.7%</td>
<td>9.1%</td>
</tr>
<tr>
<td><strong>Total Diagnostic Tests (Tests per 100,000)</strong></td>
<td>30,437 (854)</td>
<td>-50.0%</td>
<td>184,227 (1,241)</td>
<td>4,940,998 (1,505)</td>
</tr>
<tr>
<td><strong>COVID Deaths (Rate per 100,000)</strong></td>
<td>48 (1)</td>
<td>+269.2%</td>
<td>179 (1)</td>
<td>5,122 (2)</td>
</tr>
<tr>
<td><strong>SNFs with at least one COVID-19 Case</strong></td>
<td>12.7%</td>
<td>+1.1%</td>
<td>7.0%</td>
<td>10.0%</td>
</tr>
</tbody>
</table>

* 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**

<table>
<thead>
<tr>
<th>LOCALITIES IN RED ZONE</th>
<th>LOCALITIES IN YELLOW ZONE</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>METRO AREA (CBSA) LAST WEEK</strong></td>
<td></td>
</tr>
<tr>
<td>0</td>
<td>N/A</td>
</tr>
<tr>
<td><strong>COUNTY LAST WEEK</strong></td>
<td></td>
</tr>
<tr>
<td>0</td>
<td>N/A</td>
</tr>
</tbody>
</table>

**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 settings 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
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.

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

DATA SOURCES
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)

<table>
<thead>
<tr>
<th>Metric</th>
<th>Green</th>
<th>Yellow</th>
<th>Red</th>
</tr>
</thead>
<tbody>
<tr>
<td>New cases per 100,000 population per week</td>
<td>&lt;10</td>
<td>10-100</td>
<td>&gt;100</td>
</tr>
<tr>
<td>Percent change in new cases per 100,000 population</td>
<td>&lt;10%</td>
<td>-10%  -10%</td>
<td>&gt;10%</td>
</tr>
<tr>
<td>Diagnostic test result positivity rate</td>
<td>&lt;5%</td>
<td>5%-10%</td>
<td>&gt;10%</td>
</tr>
<tr>
<td>Change in test positivity</td>
<td>&lt;0.5%</td>
<td>-0.5%-0.5%</td>
<td>&gt;0.5%</td>
</tr>
<tr>
<td>Total diagnostic tests resulted per 100,000 population per week</td>
<td>&gt;1000</td>
<td>500-1000</td>
<td>&lt;500</td>
</tr>
<tr>
<td>Percent change in tests per 100,000 population</td>
<td>&gt;10%</td>
<td>-10%  -10%</td>
<td>&lt;10%</td>
</tr>
<tr>
<td>COVID-19 deaths per 100,000 population per week</td>
<td>&lt;0.5</td>
<td>0.5-2</td>
<td>&gt;2</td>
</tr>
<tr>
<td>Percent change in deaths per 100,000 population</td>
<td>&lt;10%</td>
<td>-10%  -10%</td>
<td>&gt;10%</td>
</tr>
<tr>
<td>Skilled Nursing Facilities with at least one COVID-19 case</td>
<td>0%</td>
<td>0.1%-5%</td>
<td>&gt;5%</td>
</tr>
<tr>
<td>Change in SNFs with at least one COVID-19 case</td>
<td>&lt;0.5%</td>
<td>-0.5%-0.5%</td>
<td>&gt;0.5%</td>
</tr>
</tbody>
</table>

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.

- **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.
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.

* 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.
# DELAWARE
## STATE REPORT | 07.20.2020

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

* 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.
# Delaware

**State Report | 07.20.2020**

<table>
<thead>
<tr>
<th>Localities in Red Zone</th>
<th>Localities in Yellow Zone</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Metro Area (CBSA) Last Week</strong></td>
<td>1 Dover</td>
</tr>
<tr>
<td>0 N/A</td>
<td></td>
</tr>
<tr>
<td><strong>County Last Week</strong></td>
<td>2 Sussex Kent</td>
</tr>
<tr>
<td>0 N/A</td>
<td></td>
</tr>
</tbody>
</table>

**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
DELWARE
STATE REPORT | 07.20.2020

NEW CASES

COVID-19 CASES

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

TESTING

COVID-19 TESTS

Daily Tests Completed (7 day avg.)  % Positivity Rate (by result date 7 day avg.)

PERCENTAGE OF TOTAL TESTS

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

TOP COUNTRIES

NEW CASES (CUMULATIVE)


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
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

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 | 07.20.2020

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)

<table>
<thead>
<tr>
<th>Metric</th>
<th>Green</th>
<th>Yellow</th>
<th>Red</th>
</tr>
</thead>
<tbody>
<tr>
<td>New cases per 100,000 population per week</td>
<td>&lt;10</td>
<td>10-100</td>
<td>&gt;100</td>
</tr>
<tr>
<td>Percent change in new cases per 100,000 population</td>
<td>&lt;10%</td>
<td>10-10%</td>
<td>&gt;10%</td>
</tr>
<tr>
<td>Diagnostic test result positivity rate</td>
<td>&lt;5%</td>
<td>5%-10%</td>
<td>&gt;10%</td>
</tr>
<tr>
<td>Change in test positivity</td>
<td>&lt;0.5%</td>
<td>0.5%-0.5%</td>
<td>&gt;0.5%</td>
</tr>
<tr>
<td>Total diagnostic tests resulted per 100,000 population per week</td>
<td>&gt;1000</td>
<td>500-1000</td>
<td>&lt;500</td>
</tr>
<tr>
<td>Percent change in tests per 100,000 population</td>
<td>&gt;10%</td>
<td>10%-10%</td>
<td>&lt;10%</td>
</tr>
<tr>
<td>COVID-19 deaths per 100,000 population per week</td>
<td>&lt;0.5%</td>
<td>0.5-2</td>
<td>&gt;2</td>
</tr>
<tr>
<td>Percent change in deaths per 100,000 population</td>
<td>&lt;10%</td>
<td>10%-10%</td>
<td>&gt;10%</td>
</tr>
<tr>
<td>Skilled Nursing Facilities with at least one COVID-19 case</td>
<td>0%</td>
<td>0.1%-5%</td>
<td>&gt;5%</td>
</tr>
<tr>
<td>Change in SNFs with at least one COVID-19 case</td>
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<td>0.5%-0.5%</td>
<td>&gt;0.5%</td>
</tr>
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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 07/19/2020 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].

* 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.
# THE DISTRICT OF COLUMBIA

## STATE REPORT | 07.19.2020

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

* 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**

<table>
<thead>
<tr>
<th>LOCALITIES IN RED ZONE</th>
<th>LOCALITIES IN YELLOW ZONE</th>
</tr>
</thead>
<tbody>
<tr>
<td>METRO AREA (CBSA) LAST WEEK</td>
<td>0</td>
</tr>
<tr>
<td>COUNTY LAST WEEK</td>
<td>0</td>
</tr>
</tbody>
</table>

**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 settings 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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THE DISTRICT OF COLUMBIA
STATE REPORT | 07.19.2020

DATA SOURCES

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

DATA SOURCES
THE DISTRICT OF COLUMBIA
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

NEW CASES PER 100,000 DURING LAST WEEK

TEST POSITIVITY DURING LAST WEEK

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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Methods

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)

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<td>Diagnostic test result positivity rate</td>
<td>&lt;5%</td>
<td>5% - 10%</td>
<td>&gt;10%</td>
</tr>
<tr>
<td>Change in test positivity</td>
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<td>0.5% - 0.5%</td>
<td>&gt;0.5%</td>
</tr>
<tr>
<td>Total diagnostic tests resulted per 100,000 population per week</td>
<td>&gt;1000</td>
<td>500-1000</td>
<td>&lt;500</td>
</tr>
<tr>
<td>Percent change in tests per 100,000 population</td>
<td>&gt;10%</td>
<td>-10% - 10%</td>
<td>&lt;10%</td>
</tr>
<tr>
<td>COVID-19 deaths per 100,000 population per week</td>
<td>&lt;0.5</td>
<td>0.5 - 2</td>
<td>&gt;2</td>
</tr>
<tr>
<td>Percent change in deaths per 100,000 population</td>
<td>&lt;10%</td>
<td>-10% - 10%</td>
<td>&gt;10%</td>
</tr>
<tr>
<td>Skilled Nursing Facilities with at least one COVID-19 case</td>
<td>0%</td>
<td>0.1% - 5%</td>
<td>&gt;5%</td>
</tr>
<tr>
<td>Change in SNFs with at least one COVID-19 case</td>
<td>&lt;0.5%</td>
<td>0.5% - 0.5%</td>
<td>&gt;0.5%</td>
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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.

- **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.
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.
## FLORIDA

**STATE REPORT | 07.19.2020**

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

* 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.
## FLORIDA
### STATE REPORT | 07.19.2020

### LOCALITIES IN RED ZONE

<table>
<thead>
<tr>
<th>Metro Area (CBSA) Last Week</th>
<th>23</th>
<th>Top 12 shown (full list below)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Miami-Fort Lauderdale-Pompano Beach</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Tampa-St. Petersburg-Clearwater</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Orlando-Kissimmee-Sanford</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Jacksonville</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Cape Coral-Fort Myers</td>
<td></td>
<td></td>
</tr>
<tr>
<td>North Port-Sarasota-Bradenton</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Lakeland-Winter Haven</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Pensacola-Ferry Pass-Brent</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Naples-Marco Island</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Deltona-Daytona Beach-Ormond Beach</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Port St. Lucie</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Tallahassee</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### LOCALITIES IN YELLOW ZONE

<table>
<thead>
<tr>
<th>County Last Week</th>
<th>6</th>
<th>Top 12 shown (full list below)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Palm Bay-Melbourne-Titusville Crestview-Fort Walton Beach-Destin</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sebastian-Vero Beach Punta Gorda Homosassa Springs The Villages</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### METRO AREA (CBSA) LAST WEEK

- 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

### COUNTY LAST WEEK

- Miami-Dade
- Broward
- Hillsborough
- Orange
- Palm Beach
- Duval
- Pinellas
- Lee
- Polk
- Osceola
- Escambia
- Manatee

### 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


### 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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- 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
FLORIDA
STATE REPORT | 07.19.2020

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.

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

DATA SOURCES
FLORIDA
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.
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

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)

<table>
<thead>
<tr>
<th>Metric</th>
<th>Green</th>
<th>Yellow</th>
<th>Red</th>
</tr>
</thead>
<tbody>
<tr>
<td>New cases per 100,000 population per week</td>
<td>&lt;10</td>
<td>10-100</td>
<td>&gt;100</td>
</tr>
<tr>
<td>Percent change in new cases per 100,000 population</td>
<td>&lt;10%</td>
<td>-10% - 10%</td>
<td>&gt;10%</td>
</tr>
<tr>
<td>Diagnostic test result positivity rate</td>
<td>&lt;5%</td>
<td>5%-10%</td>
<td>&gt;10%</td>
</tr>
<tr>
<td>Change in test positivity</td>
<td>&lt;0.5%</td>
<td>-0.5% -0.5%</td>
<td>&gt;0.5%</td>
</tr>
<tr>
<td>Total diagnostic tests resulted per 100,000 population per week</td>
<td>&gt;1000</td>
<td>500-1000</td>
<td>&lt;500</td>
</tr>
<tr>
<td>Percent change in tests per 100,000 population</td>
<td>&gt;10%</td>
<td>-10% - 10%</td>
<td>&lt;10%</td>
</tr>
<tr>
<td>COVID-19 deaths per 100,000 population per week</td>
<td>&lt;0.5</td>
<td>0.5-2</td>
<td>&gt;2</td>
</tr>
<tr>
<td>Percent change in deaths per 100,000 population</td>
<td>&lt;10%</td>
<td>-10% - 10%</td>
<td>&gt;10%</td>
</tr>
<tr>
<td>Skilled Nursing Facilities with at least one COVID-19 case</td>
<td>0%</td>
<td>0.1%-5%</td>
<td>&gt;5%</td>
</tr>
<tr>
<td>Change in SNFs with at least one COVID-19 case</td>
<td>&lt;0.5%</td>
<td>-0.5% -0.5%</td>
<td>&gt;0.5%</td>
</tr>
</tbody>
</table>

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 reported 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 215 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 325 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 COCiwebsite.

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.
# Georgia State Report | 07.19.2020

<table>
<thead>
<tr>
<th></th>
<th>State, Last Week</th>
<th>State, % Change from Previous Week</th>
<th>FEMA/HHS Region, Last Week</th>
<th>United States, Last Week</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>New Cases (Rate per 100,000)</strong></td>
<td>22,963 (216)</td>
<td>+8.5%</td>
<td>169,342 (253)</td>
<td>460,366 (140)</td>
</tr>
<tr>
<td><strong>Diagnostic Test Positivity Rate</strong></td>
<td>15.6%</td>
<td>+0.9%*</td>
<td>15.5%</td>
<td>9.1%</td>
</tr>
<tr>
<td><strong>Total Diagnostic Tests (Tests per 100,000)</strong></td>
<td>79,843 (752)</td>
<td>+9.8%</td>
<td>990,405 (1,480)</td>
<td>4,940,998 (1,505)</td>
</tr>
<tr>
<td><strong>COVID Deaths (Rate per 100,000)</strong></td>
<td>141 (1)</td>
<td>+4.4%</td>
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<td>5,122 (2)</td>
</tr>
<tr>
<td><strong>SNFs with at Least One COVID-19 Case</strong></td>
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<td>10.0%</td>
</tr>
</tbody>
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# Georgia State Report | 07.19.2020

## Localities in Red Zone

<table>
<thead>
<tr>
<th>Metro Area (CBSA)</th>
<th>Top 12 Shown (full list below)</th>
</tr>
</thead>
</table>

### County Last Week

<table>
<thead>
<tr>
<th>Top 12 Shown (full list below)</th>
</tr>
</thead>
</table>


### 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. |

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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**

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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. 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 settings 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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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
GEORGIA
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.

SelectSub_000696
## Methods

### 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)

<table>
<thead>
<tr>
<th>Metric</th>
<th>Green</th>
<th>Yellow</th>
<th>Red</th>
</tr>
</thead>
<tbody>
<tr>
<td>New cases per 100,000 population per week</td>
<td>&lt;10</td>
<td>10-100</td>
<td>&gt;100</td>
</tr>
<tr>
<td>Percent change in new cases per 100,000 population</td>
<td>-10%</td>
<td>-10% - 10%</td>
<td>&gt;10%</td>
</tr>
<tr>
<td>Diagnostic test result positivity rate</td>
<td>&lt;5%</td>
<td>5% - 10%</td>
<td>&gt;10%</td>
</tr>
<tr>
<td>Change in test positivity</td>
<td>&lt;0.5%</td>
<td>0.5% - 10%</td>
<td>&gt;0.5%</td>
</tr>
<tr>
<td>Total diagnostic tests resulted per 100,000 population per week</td>
<td>&gt;1000</td>
<td>500 - 1000</td>
<td>&lt;500</td>
</tr>
<tr>
<td>Percent change in tests per 100,000 population</td>
<td>&gt;10%</td>
<td>-10% - 10%</td>
<td>&lt;10%</td>
</tr>
<tr>
<td>COVID-19 deaths per 100,000 population per week</td>
<td>&lt;0.5</td>
<td>0.5 - 2</td>
<td>&gt;2</td>
</tr>
<tr>
<td>Percent change in deaths per 100,000 population</td>
<td>&lt;10%</td>
<td>-10% - 10%</td>
<td>&gt;10%</td>
</tr>
<tr>
<td>Skilled Nursing Facilities with at least one COVID-19 case</td>
<td>0%</td>
<td>0.1% - 5%</td>
<td>&gt;5%</td>
</tr>
<tr>
<td>Change in SNFs with at least one COVID-19 case</td>
<td>&lt;0.5%</td>
<td>0.5% - 0.5%</td>
<td>&gt;0.5%</td>
</tr>
</tbody>
</table>

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

* 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 through 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.
# HAWAII

**STATE REPORT | 07.19.2020**

<table>
<thead>
<tr>
<th>LOCALITIES IN RED ZONE</th>
<th>LOCALITIES IN YELLOW ZONE</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>METRO AREA (CBSA) LAST WEEK</strong></td>
<td></td>
</tr>
<tr>
<td>0</td>
<td>N/A</td>
</tr>
<tr>
<td><strong>COUNTY LAST WEEK</strong></td>
<td></td>
</tr>
<tr>
<td>0</td>
<td>N/A</td>
</tr>
</tbody>
</table>

**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 settings 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

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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
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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
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.

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

DATA SOURCES
COVID-19

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
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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COVID-19 National Picture

NEW CASES PER 100,000 LAST WEEK

TEST POSITIVITY LAST WEEK

DATA SOURCES

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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).

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<th>Metric</th>
<th>Green</th>
<th>Yellow</th>
<th>Red</th>
</tr>
</thead>
<tbody>
<tr>
<td>New cases per 100,000 population per week</td>
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<td>10-100</td>
<td>&gt;100</td>
</tr>
<tr>
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<td>&lt;-10%</td>
<td>-10% - 10%</td>
<td>&gt;10%</td>
</tr>
<tr>
<td>Diagnostic test result positivity rate</td>
<td>&lt;5%</td>
<td>5% - 10%</td>
<td>&gt;10%</td>
</tr>
<tr>
<td>Change in test positivity</td>
<td>&lt;-0.5%</td>
<td>-0.5% - 0%</td>
<td>&gt;0.5%</td>
</tr>
<tr>
<td>Total diagnostic tests resulted per 100,000 population per week</td>
<td>&gt;1000</td>
<td>500 - 1000</td>
<td>&lt;500</td>
</tr>
<tr>
<td>Percent change in tests per 100,000 population</td>
<td>&gt;10%</td>
<td>-10% - 10%</td>
<td>&lt;-10%</td>
</tr>
<tr>
<td>COVID-19 deaths per 100,000 population per week</td>
<td>&lt;0.5</td>
<td>0.5 - 2</td>
<td>&gt;2</td>
</tr>
<tr>
<td>Percent change in deaths per 100,000 population</td>
<td>&lt;-10%</td>
<td>-10% - 10%</td>
<td>&gt;10%</td>
</tr>
<tr>
<td>Skilled Nursing Facilities with at least one COVID-19 case</td>
<td>0%</td>
<td>0.1% - 5%</td>
<td>&gt;5%</td>
</tr>
<tr>
<td>Change in SNFs with at least one COVID-19 case</td>
<td>&lt;-0.5%</td>
<td>-0.5% - 0.5%</td>
<td>&gt;0.5%</td>
</tr>
</tbody>
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DATA NOTES

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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](https://www.cdc.gov).

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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# IDAHO

**STATE REPORT | 07.19.2020**

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

* 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.

---

SelectSub_001055
## LOCALITIES IN RED ZONE

<table>
<thead>
<tr>
<th>METRO AREA (CBSA)</th>
<th>LAST WEEK</th>
</tr>
</thead>
<tbody>
<tr>
<td>Boise City</td>
<td></td>
</tr>
<tr>
<td>Coeur d'Alene</td>
<td></td>
</tr>
<tr>
<td>Twin Falls</td>
<td></td>
</tr>
<tr>
<td>Burley</td>
<td></td>
</tr>
<tr>
<td>Ontario</td>
<td></td>
</tr>
<tr>
<td>Mountain Home</td>
<td></td>
</tr>
<tr>
<td><strong>6</strong></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>COUNTY LAST WEEK</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ada</td>
</tr>
<tr>
<td>Canyon</td>
</tr>
<tr>
<td>Kootenai</td>
</tr>
<tr>
<td>Twin Falls</td>
</tr>
<tr>
<td>Payette</td>
</tr>
<tr>
<td>Cassia</td>
</tr>
<tr>
<td>Minidoka</td>
</tr>
<tr>
<td>Jerome</td>
</tr>
<tr>
<td>Owyhee</td>
</tr>
<tr>
<td>Elmore</td>
</tr>
<tr>
<td>Gem</td>
</tr>
<tr>
<td>Washington</td>
</tr>
<tr>
<td><strong>13</strong></td>
</tr>
</tbody>
</table>

Top 12 shown (full list below)

## LOCALITIES IN YELLOW ZONE

<table>
<thead>
<tr>
<th>METRO AREA (CBSA)</th>
<th>LAST WEEK</th>
</tr>
</thead>
<tbody>
<tr>
<td>Idaho Falls</td>
<td></td>
</tr>
<tr>
<td>Pocatello</td>
<td></td>
</tr>
<tr>
<td>Rexburg</td>
<td></td>
</tr>
<tr>
<td>Blackfoot</td>
<td></td>
</tr>
<tr>
<td>Hailey</td>
<td></td>
</tr>
<tr>
<td>Logan</td>
<td></td>
</tr>
<tr>
<td><strong>6</strong></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>COUNTY LAST WEEK</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bonneville</td>
</tr>
<tr>
<td>Bannock</td>
</tr>
<tr>
<td>Bingham</td>
</tr>
<tr>
<td>Madison</td>
</tr>
<tr>
<td>Gooding</td>
</tr>
<tr>
<td>Blaine</td>
</tr>
<tr>
<td>Jefferson</td>
</tr>
<tr>
<td>Teton</td>
</tr>
<tr>
<td>Valley</td>
</tr>
<tr>
<td>Fremont</td>
</tr>
<tr>
<td>Boise</td>
</tr>
<tr>
<td>Franklin</td>
</tr>
<tr>
<td><strong>17</strong></td>
</tr>
</tbody>
</table>

Top 12 shown (full list below)

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

DATA SOURCES
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.
COVID-19
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.
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)

<table>
<thead>
<tr>
<th>Metric</th>
<th>Green</th>
<th>Yellow</th>
<th>Red</th>
</tr>
</thead>
<tbody>
<tr>
<td>New cases per 100,000 population per week</td>
<td>&lt;10</td>
<td>10-100</td>
<td>&gt;100</td>
</tr>
<tr>
<td>Percent change in new cases per 100,000 population</td>
<td>&lt;-10%</td>
<td>-10% -10%</td>
<td>&gt;10%</td>
</tr>
<tr>
<td>Diagnostic test result positivity rate</td>
<td>&lt;5%</td>
<td>5%-10%</td>
<td>&gt;10%</td>
</tr>
<tr>
<td>Change in test positivity</td>
<td>&lt;-0.5%</td>
<td>-0.5%-0.5%</td>
<td>&gt;0.5%</td>
</tr>
<tr>
<td>Total diagnostic tests resulted per 100,000 population per week</td>
<td>&gt;1000</td>
<td>500-1000</td>
<td>&lt;500</td>
</tr>
<tr>
<td>Percent change in tests per 100,000 population</td>
<td>&gt;10%</td>
<td>-10% -10%</td>
<td>&lt;-10%</td>
</tr>
<tr>
<td>COVID-19 deaths per 100,000 population per week</td>
<td>&lt;0.5</td>
<td>0.5-2</td>
<td>&gt;2</td>
</tr>
<tr>
<td>Percent change in deaths per 100,000 population</td>
<td>&lt;10%</td>
<td>-10% -10%</td>
<td>&gt;10%</td>
</tr>
<tr>
<td>Skilled Nursing Facilities with at least one COVID-19 case</td>
<td>0%</td>
<td>0.1%-5%</td>
<td>&gt;5%</td>
</tr>
<tr>
<td>Change in SNFs with at least one COVID-19 case</td>
<td>&lt;-0.5%</td>
<td>-0.5%-0.5%</td>
<td>&gt;0.5%</td>
</tr>
</tbody>
</table>

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.
**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](https://www.cdc.gov).

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* 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.
# ILLINOIS

**STATE REPORT | 07.19.2020**

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

* 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.
# Illinois State Report | 07.19.2020

## Localities in Red Zone

<table>
<thead>
<tr>
<th>Metro Area (CBSA) Last Week</th>
<th>Localities</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>N/A</td>
</tr>
</tbody>
</table>

## Localities in Yellow Zone

<table>
<thead>
<tr>
<th>Localities</th>
</tr>
</thead>
<tbody>
<tr>
<td>St. Louis</td>
</tr>
<tr>
<td>Davenport-Moline-Rock Island</td>
</tr>
<tr>
<td>Quincy</td>
</tr>
<tr>
<td>Rochelle</td>
</tr>
<tr>
<td>Paducah</td>
</tr>
<tr>
<td>Cape Girardeau</td>
</tr>
<tr>
<td>Kane</td>
</tr>
<tr>
<td>Madison</td>
</tr>
<tr>
<td>Rock Island</td>
</tr>
<tr>
<td>Peoria</td>
</tr>
<tr>
<td>Adams</td>
</tr>
<tr>
<td>Ogle</td>
</tr>
<tr>
<td>Randolph</td>
</tr>
<tr>
<td>Union</td>
</tr>
<tr>
<td>Clinton</td>
</tr>
<tr>
<td>Woodford</td>
</tr>
<tr>
<td>Saline</td>
</tr>
<tr>
<td>Johnson</td>
</tr>
</tbody>
</table>

### All Yellow Counties
Kane, Madison, Rock Island, Peoria, Adams, Ogle, Randolph, Union, Clinton, Woodford, Saline, Johnson, Lawrence, Massac, Gallatin, Edwards, Calhoun, Pope

---

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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
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- 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
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- Close bars and gyms, and create outdoor dining opportunities with pedestrian areas
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- 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

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
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- Protect anyone with serious medical conditions at home by social distancing at home and using high levels of personal hygiene
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Top 12 counties based on number of new cases in the last 3 weeks

DATA SOURCES
ILLINOIS
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
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<table>
<thead>
<tr>
<th>Metric</th>
<th>Green</th>
<th>Yellow</th>
<th>Red</th>
</tr>
</thead>
<tbody>
<tr>
<td>New cases per 100,000 population per week</td>
<td>&lt;10</td>
<td>10-100</td>
<td>&gt;100</td>
</tr>
<tr>
<td>Percent change in new cases per 100,000 population</td>
<td>&lt;-10%</td>
<td>-10% - 10%</td>
<td>&gt;10%</td>
</tr>
<tr>
<td>Diagnostic test result positivity rate</td>
<td>&lt;5%</td>
<td>5%-10%</td>
<td>&gt;10%</td>
</tr>
<tr>
<td>Change in test positivity</td>
<td>&lt;-0.5%</td>
<td>-0.5%-0.5%</td>
<td>&gt;0.5%</td>
</tr>
<tr>
<td>Total diagnostic tests resulted per 100,000 population per week</td>
<td>&gt;1000</td>
<td>500-1000</td>
<td>&lt;500</td>
</tr>
<tr>
<td>Percent change in tests per 100,000 population</td>
<td>&gt;10%</td>
<td>-10% - 10%</td>
<td>&lt;10%</td>
</tr>
<tr>
<td>COVID-19 deaths per 100,000 population per week</td>
<td>&lt;0.5</td>
<td>0.5-2</td>
<td>&gt;2</td>
</tr>
<tr>
<td>Percent change in deaths per 100,000 population</td>
<td>&lt;10%</td>
<td>-10% - 10%</td>
<td>&gt;10%</td>
</tr>
<tr>
<td>Skilled Nursing Facilities with at least one COVID-19 case</td>
<td>0%</td>
<td>0.1%-5%</td>
<td>&gt;5%</td>
</tr>
<tr>
<td>Change in SNFs with at least one COVID-19 case</td>
<td>&lt;-0.5%</td>
<td>-0.5%-0.5%</td>
<td>&gt;0.5%</td>
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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.
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.
# INDIANA

## STATE REPORT | 07.19.2020

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

* 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

METRO AREA (CBSA) LAST WEEK

3
Elkhart-Goshen Plymouth Jasper

LOCALITIES IN YELLOW ZONE

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

20 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
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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 householders 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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- Surge testing and contact tracing resources to neighborhoods and zip codes with highest case rates
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Top 12 counties based on number of new cases in the last 3 weeks

DATA SOURCES
INDIANA
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

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National Picture

NEW CASES PER 100,000 LAST WEEK

TEST POSITIVITY LAST WEEK

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<tr>
<td>COVID-19 deaths per 100,000 population per week</td>
<td>&lt;0.5</td>
<td>0.5-2</td>
<td>&gt;2</td>
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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.

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## Iowa State Report | 07.19.2020

<table>
<thead>
<tr>
<th></th>
<th>State, Last Week</th>
<th>State, % Change from Previous Week</th>
<th>FEMA/HHS Region, Last Week</th>
<th>United States, Last Week</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>New Cases</strong> (Rate Per 100,000)</td>
<td>3,659 (116)</td>
<td>+0.2%</td>
<td>13,119 (93)</td>
<td>460,366 (140)</td>
</tr>
<tr>
<td><strong>Diagnostic Test Positivity Rate</strong></td>
<td>7.2%</td>
<td>+0.5%*</td>
<td>7.9%</td>
<td>9.1%</td>
</tr>
<tr>
<td><strong>Total Diagnostic Tests</strong> (Tests Per 100,000)</td>
<td>63,769 (2,021)</td>
<td>+10.1%</td>
<td>191,556 (1,355)</td>
<td>4,940,998 (1,505)</td>
</tr>
<tr>
<td><strong>COVID Deaths</strong> (Rate Per 100,000)</td>
<td>39 (1)</td>
<td>+69.6%</td>
<td>137 (1)</td>
<td>5,122 (2)</td>
</tr>
<tr>
<td><strong>SNFs with at Least One COVID-19 Case</strong></td>
<td>3.8%</td>
<td>-0.4%</td>
<td>4.0%</td>
<td>10.0%</td>
</tr>
</tbody>
</table>

* Indicates absolute change in percentage points

**Data Sources**

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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.

SelectSub_000735
# IOWA

STATE REPORT | 07.19.2020

<table>
<thead>
<tr>
<th>LOCALITIES IN RED ZONE</th>
<th>LOCALITIES IN YELLOW ZONE</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>METRO AREA (CBSA) LAST WEEK</strong></td>
<td><strong>COUNTY LAST WEEK</strong></td>
</tr>
<tr>
<td>3</td>
<td>14 Top 12 shown (full list below)</td>
</tr>
<tr>
<td>Mason City</td>
<td>Des Moines-West Des Moines</td>
</tr>
<tr>
<td>Fort Dodge</td>
<td>Waterloo-Cedar Falls</td>
</tr>
<tr>
<td>Marshalltown</td>
<td>Davenport-Moline-Rock Island</td>
</tr>
<tr>
<td></td>
<td>Iowa City</td>
</tr>
<tr>
<td></td>
<td>Dubuque</td>
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<tr>
<td></td>
<td>Ames</td>
</tr>
<tr>
<td></td>
<td>Sioux City</td>
</tr>
<tr>
<td></td>
<td>Omaha-Council Bluffs</td>
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<tr>
<td></td>
<td>Muscatine</td>
</tr>
<tr>
<td></td>
<td>Spirit Lake</td>
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<tr>
<td></td>
<td>Clinton</td>
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<tr>
<td></td>
<td>Storm Lake</td>
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<td></td>
<td>Polk</td>
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<tr>
<td></td>
<td>Scott</td>
</tr>
<tr>
<td></td>
<td>Black Hawk</td>
</tr>
<tr>
<td></td>
<td>Johnson</td>
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<tr>
<td></td>
<td>Dubuque</td>
</tr>
<tr>
<td></td>
<td>Dallas</td>
</tr>
<tr>
<td></td>
<td>Story</td>
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<tr>
<td></td>
<td>Woodbury</td>
</tr>
<tr>
<td></td>
<td>Pottawattamie</td>
</tr>
<tr>
<td></td>
<td>Warren</td>
</tr>
<tr>
<td></td>
<td>Muscatine</td>
</tr>
<tr>
<td></td>
<td>Dickinson</td>
</tr>
<tr>
<td>Webster</td>
<td>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</td>
</tr>
<tr>
<td>Cerro Gordo</td>
<td>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</td>
</tr>
<tr>
<td>Marshall</td>
<td>Jasper</td>
</tr>
<tr>
<td>Mitchell</td>
<td>Lyon</td>
</tr>
<tr>
<td>Worth</td>
<td></td>
</tr>
</tbody>
</table>

**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 tracer 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
• 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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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.
Top 12 counties based on number of new cases in the last 3 weeks

DATA SOURCES
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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.
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)

<table>
<thead>
<tr>
<th>Metric</th>
<th>Green</th>
<th>Yellow</th>
<th>Red</th>
</tr>
</thead>
<tbody>
<tr>
<td>New cases per 100,000 population per week</td>
<td>&lt;10</td>
<td>10-100</td>
<td>&gt;100</td>
</tr>
<tr>
<td>Percent change in new cases per 100,000 population</td>
<td>-10%</td>
<td>-10% - 10%</td>
<td>&gt;10%</td>
</tr>
<tr>
<td>Diagnostic test result positivity rate</td>
<td>&lt;5%</td>
<td>5% - 10%</td>
<td>&gt;10%</td>
</tr>
<tr>
<td>Change in test positivity</td>
<td>&lt;0.5%</td>
<td>0.5% - 10%</td>
<td>&gt;0.5%</td>
</tr>
<tr>
<td>Total diagnostic tests resulted per 100,000 population per week</td>
<td>&gt;1000</td>
<td>500-1000</td>
<td>&lt;500</td>
</tr>
<tr>
<td>Percent change in tests per 100,000 population</td>
<td>&gt;10%</td>
<td>10% - 10%</td>
<td>&lt;10%</td>
</tr>
<tr>
<td>COVID-19 deaths per 100,000 population per week</td>
<td>&lt;0.5</td>
<td>0.5 - 2</td>
<td>&gt;2</td>
</tr>
<tr>
<td>Percent change in deaths per 100,000 population</td>
<td>&lt;10%</td>
<td>10% - 10%</td>
<td>&gt;10%</td>
</tr>
<tr>
<td>Skilled Nursing Facilities with at least one COVID-19 case</td>
<td>0%</td>
<td>0.1% - 5%</td>
<td>&gt;5%</td>
</tr>
<tr>
<td>Change in SNFs with at least one COVID-19 case</td>
<td>&lt;0.5%</td>
<td>0.5% - 0.5%</td>
<td>&gt;0.5%</td>
</tr>
</tbody>
</table>

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.
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](https://www.cdc.gov).

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 facilities. 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.
## KANSAS

**STATE REPORT | 07.19.2020**

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

* Indicates absolute change in percentage points

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# KANSAS

**STATE REPORT | 07.19.2020**

## LOCALITIES IN RED ZONE

### METRO AREA (CBSA) LAST WEEK

<table>
<thead>
<tr>
<th>Localities</th>
<th>Count</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wichita</td>
<td>4</td>
</tr>
<tr>
<td>Salina</td>
<td></td>
</tr>
<tr>
<td>Liberal</td>
<td></td>
</tr>
<tr>
<td>Parsons</td>
<td></td>
</tr>
</tbody>
</table>

### COUNTY LAST WEEK

<table>
<thead>
<tr>
<th>Localities</th>
<th>Count</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sedgwick</td>
<td>19</td>
</tr>
<tr>
<td>Wyandotte</td>
<td></td>
</tr>
<tr>
<td>Saline</td>
<td></td>
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<tr>
<td>Seward</td>
<td></td>
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<tr>
<td>Sumner</td>
<td></td>
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<tr>
<td>Phillips</td>
<td></td>
</tr>
<tr>
<td>Labette</td>
<td></td>
</tr>
<tr>
<td>Grant</td>
<td></td>
</tr>
<tr>
<td>Anderson</td>
<td></td>
</tr>
<tr>
<td>Norton</td>
<td></td>
</tr>
<tr>
<td>Ottawa</td>
<td></td>
</tr>
<tr>
<td>Mitchell</td>
<td></td>
</tr>
</tbody>
</table>

## LOCALITIES IN YELLOW ZONE

### 14 Top 12 shown (full list below)

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

### 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:

---

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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
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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

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

DATA SOURCES
KANSAS
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

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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)

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<tr>
<th>Metric</th>
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<th>Yellow</th>
<th>Red</th>
</tr>
</thead>
<tbody>
<tr>
<td>New cases per 100,000 population per week</td>
<td>&lt;10</td>
<td>10-100</td>
<td>&gt;100</td>
</tr>
<tr>
<td>Percent change in new cases per 100,000 population</td>
<td>-10%</td>
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<td>Diagnostic test result positivity rate</td>
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</tr>
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<td>Change in test positivity</td>
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</tr>
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<td>Percent change in tests per 100,000 population</td>
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<td>&lt;10%</td>
</tr>
<tr>
<td>COVID-19 deaths per 100,000 population per week</td>
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<td>0.5 - 2</td>
<td>&gt;2</td>
</tr>
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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.
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 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

- 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 facilities. 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.
## KENTUCKY

### STATE REPORT | 07.19.2020

<table>
<thead>
<tr>
<th>State, Last Week</th>
<th>State, % Change from Previous Week</th>
<th>FEMA/HHS Region, Last Week</th>
<th>United States, Last Week</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>New Cases</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>(Rate per 100,000)</td>
<td>2,976 (67)</td>
<td>169,342 (253)</td>
<td>460,366 (140)</td>
</tr>
<tr>
<td><strong>Diagnostic Test Positivity Rate</strong></td>
<td>8.7%</td>
<td>15.5%</td>
<td>9.1%</td>
</tr>
<tr>
<td><strong>Total Diagnostic Tests</strong></td>
<td>40,437 (905)</td>
<td>990,405 (1,480)</td>
<td>4,940,998 (1,505)</td>
</tr>
<tr>
<td>(Tests per 100,000)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>COVID Deaths</strong></td>
<td>38 (1)</td>
<td>1,549 (2)</td>
<td>5,122 (2)</td>
</tr>
<tr>
<td>(Rate per 100,000)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>SNFs with at Least One COVID-19 Case</strong></td>
<td>7.3%</td>
<td>14.2%</td>
<td>10.0%</td>
</tr>
</tbody>
</table>

* 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

<table>
<thead>
<tr>
<th>Metro Area (CBSA)</th>
<th>3</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bowling Green</td>
<td></td>
</tr>
<tr>
<td>Mayfield</td>
<td></td>
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<tr>
<td>Central City</td>
<td></td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>County Last Week</th>
<th>10</th>
</tr>
</thead>
<tbody>
<tr>
<td>Warren</td>
<td></td>
</tr>
<tr>
<td>Christian</td>
<td></td>
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<tr>
<td>Graves</td>
<td></td>
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<tr>
<td>Ohio</td>
<td></td>
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<tr>
<td>Casey</td>
<td></td>
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<tr>
<td>Muhlenberg</td>
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<tr>
<td>Carroll</td>
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<tr>
<td>Clay</td>
<td></td>
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<tr>
<td>Adair</td>
<td></td>
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<tr>
<td>Monroe</td>
<td></td>
</tr>
</tbody>
</table>

### LOCALITIES IN YELLOW ZONE

<table>
<thead>
<tr>
<th>Metro Area (CBSA)</th>
<th>16</th>
</tr>
</thead>
<tbody>
<tr>
<td>Louisville/Jefferson County</td>
<td></td>
</tr>
<tr>
<td>Lexington-Fayette</td>
<td></td>
</tr>
<tr>
<td>Cincinnati</td>
<td></td>
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<tr>
<td>London</td>
<td></td>
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<tr>
<td>Elizabethtown-Fort Knox</td>
<td></td>
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<tr>
<td>Clarksville</td>
<td></td>
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<tr>
<td>Owensboro</td>
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<tr>
<td>Middlesborough</td>
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<tr>
<td>Paducah</td>
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<tr>
<td>Glasgow</td>
<td></td>
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<tr>
<td>Bardstown</td>
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<tr>
<td>Evansville</td>
<td></td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>County Last Week</th>
<th>70</th>
</tr>
</thead>
<tbody>
<tr>
<td>Jefferson</td>
<td></td>
</tr>
<tr>
<td>Fayette</td>
<td></td>
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<tr>
<td>Boone</td>
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<tr>
<td>Shelby</td>
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<tr>
<td>Kenton</td>
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<tr>
<td>Hardin</td>
<td></td>
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<tr>
<td>Laurel</td>
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<tr>
<td>Madison</td>
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<tr>
<td>Bell</td>
<td></td>
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<tr>
<td>Daviess</td>
<td></td>
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<tr>
<td>Campbell</td>
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<td>Knox</td>
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### Data Sources

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**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

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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.
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 settings 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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KENTUCKY
STATE REPORT | 07.19.2020

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STATE REPORT | 07.19.2020

CASE RATES AND DIAGNOSTIC TEST POSITIVITY DURING THE LAST WEEK

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COVID-19

National Picture

NEW CASES PER 100,000 LAST WEEK

[Map showing new cases per 100,000 last week]

TEST POSITIVITY LAST WEEK

[Map showing test positivity last week]

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<td>500-1000</td>
<td>&lt;500</td>
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<td>-10% - 10%</td>
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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.
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 website.

* 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.

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.
# LOUISIANA
## STATE REPORT | 07.19.2020

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

* 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.

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*SelectSub_000202*
# LOUISIANA
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## LOCALITIES IN RED ZONE

<table>
<thead>
<tr>
<th>Metro Area (CBSA) Last Week</th>
<th>Localities</th>
</tr>
</thead>
<tbody>
<tr>
<td>19</td>
<td>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</td>
</tr>
</tbody>
</table>

## LOCALITIES IN YELLOW ZONE

<table>
<thead>
<tr>
<th>Parish Last Week</th>
<th>Localities</th>
</tr>
</thead>
<tbody>
<tr>
<td>14 Top 12 shown (full list below)</td>
<td>Orleans, St. Charles, Iberville, Franklin, East Feliciana, Morehouse, Plaquemines, Winn, Grant, St. Helena, Catahoula, Jackson</td>
</tr>
</tbody>
</table>

### 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

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**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**

**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, 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

COVID-19 CASES

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

TESTING

COVID-19 TESTS

- Daily Tests Completed (7 day avg.)
- % Positivity Rate (by result date 7 day avg.)

TOP PARISHES

NEW CASES (CUMULATIVE)

- East Baton Rouge
- Calcasieu
- Jefferson
- Lafayette
- Caddo
- Orleans
- St. Tammany
- Ouachita
- Terrebonne
- Livingston

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

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.

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

DATA SOURCES
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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)

<table>
<thead>
<tr>
<th>Metric</th>
<th>Green</th>
<th>Yellow</th>
<th>Red</th>
</tr>
</thead>
<tbody>
<tr>
<td>New cases per 100,000 population per week</td>
<td>&lt;10</td>
<td>10-100</td>
<td>&gt;100</td>
</tr>
<tr>
<td>Percent change in new cases per 100,000 population</td>
<td>-10%</td>
<td>-10% -10%</td>
<td>&gt;10%</td>
</tr>
<tr>
<td>Diagnostic test result positivity rate</td>
<td>&lt;5%</td>
<td>5%-10%</td>
<td>&gt;10%</td>
</tr>
<tr>
<td>Change in test positivity</td>
<td>&lt;0.5%</td>
<td>0.5%-10%</td>
<td>&gt;0.5%</td>
</tr>
<tr>
<td>Total diagnostic tests resulted per 100,000 population per week</td>
<td>&gt;1000</td>
<td>500-1000</td>
<td>&lt;500</td>
</tr>
</tbody>
</table>
| 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.
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.

* 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.
## MAINE

**STATE REPORT | 07.19.2020**

<table>
<thead>
<tr>
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<th>UNITED STATES, LAST WEEK</th>
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</thead>
<tbody>
<tr>
<td><strong>NEW CASES</strong> (RATE PER 100,000)</td>
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<td>+49.0%</td>
<td>3,236 (22)</td>
<td>460,366 (140)</td>
</tr>
<tr>
<td><strong>DIAGNOSTIC TEST POSITIVITY RATE</strong></td>
<td>1.4%</td>
<td>+0.1%*</td>
<td>1.7%</td>
<td>9.1%</td>
</tr>
<tr>
<td><strong>TOTAL DIAGNOSTIC TESTS</strong> (TESTS PER 100,000)</td>
<td>10,625 (790)</td>
<td>+6.8%</td>
<td>184,227 (1,241)</td>
<td>4,940,998 (1,505)</td>
</tr>
<tr>
<td><strong>COVID DEATHS</strong> (RATE PER 100,000)</td>
<td>6 (0)</td>
<td>+50.0%</td>
<td>179 (1)</td>
<td>5,122 (2)</td>
</tr>
<tr>
<td><strong>SNFs WITH AT LEAST ONE COVID-19 CASE</strong></td>
<td>4.3%</td>
<td>-0.1%</td>
<td>7.0%</td>
<td>10.0%</td>
</tr>
</tbody>
</table>

* 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.
# MAINE

## STATE REPORT | 07.19.2020

### LOCALITIES IN RED ZONE

<table>
<thead>
<tr>
<th>METRO AREA (CBSA) LAST WEEK</th>
<th>COUNTY LAST WEEK</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>0</td>
</tr>
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</table>

### LOCALITIES IN YELLOW ZONE

<table>
<thead>
<tr>
<th>METRO AREA (CBSA) LAST WEEK</th>
<th>COUNTY LAST WEEK</th>
</tr>
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<td>0</td>
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</table>

**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
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
MAINE
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**

**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)

<table>
<thead>
<tr>
<th>Metric</th>
<th>Green</th>
<th>Yellow</th>
<th>Red</th>
</tr>
</thead>
<tbody>
<tr>
<td>New cases per 100,000 population per week</td>
<td>&lt;10</td>
<td>10-100</td>
<td>&gt;100</td>
</tr>
<tr>
<td>Percent change in new cases per 100,000 population</td>
<td>-10%</td>
<td>-10% - 10%</td>
<td>&gt;10%</td>
</tr>
<tr>
<td>Diagnostic test result positivity rate</td>
<td>&lt;5%</td>
<td>5%-10%</td>
<td>&gt;10%</td>
</tr>
<tr>
<td>Change in test positivity</td>
<td>&lt;0.5%</td>
<td>0.5%-5%</td>
<td>&gt;0.5%</td>
</tr>
<tr>
<td>Total diagnostic tests resulted per 100,000 population per week</td>
<td>&gt;1000</td>
<td>500-1000</td>
<td>&lt;500</td>
</tr>
<tr>
<td>Percent change in tests per 100,000 population</td>
<td>&gt;10%</td>
<td>-10% - 10%</td>
<td>&lt;10%</td>
</tr>
<tr>
<td>COVID-19 deaths per 100,000 population per week</td>
<td>&lt;0.5</td>
<td>0.5-2</td>
<td>&gt;2</td>
</tr>
<tr>
<td>Percent change in deaths per 100,000 population</td>
<td>&lt;10%</td>
<td>-10% - 10%</td>
<td>&gt;10%</td>
</tr>
<tr>
<td>Skilled Nursing Facilities with at least one COVID-19 case</td>
<td>0%</td>
<td>0.1%-5%</td>
<td>&gt;5%</td>
</tr>
<tr>
<td>Change in SNFs with at least one COVID-19 case</td>
<td>&lt;0.5%</td>
<td>0.5%-5%</td>
<td>&gt;0.5%</td>
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</tbody>
</table>

**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.
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](https://www.cdc.gov).

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* 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.
# MARYLAND

## STATE REPORT | 07.19.2020

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

* 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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SelectSub_000184
## MARYLAND
STATE REPORT | 07.19.2020

<table>
<thead>
<tr>
<th>METRO AREA (CBSA) LAST WEEK</th>
<th>LOCALITIES IN RED ZONE</th>
<th>LOCALITIES IN YELLOW ZONE</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>0</td>
<td>2</td>
</tr>
<tr>
<td></td>
<td>N/A</td>
<td>Washington-Arlington- Alexandria Easton</td>
</tr>
<tr>
<td>COUNTY LAST WEEK</td>
<td>0</td>
<td>6</td>
</tr>
<tr>
<td></td>
<td>N/A</td>
<td>Prince George's Baltimore city, MD Montgomery Talbot Worcester Queen Anne's</td>
</tr>
</tbody>
</table>

**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  
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MARYLAND
STATE REPORT | 07.19.2020

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

DATA SOURCES
MARYLAND
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

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National Picture

NEW CASES PER 100,000 LAST WEEK

TEST POSITIVITY LAST WEEK

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<tr>
<td>Total diagnostic tests resulted per 100,000 population per week</td>
<td>&gt;1000</td>
<td>500-1000</td>
<td>&lt;500</td>
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<tr>
<td>Percent change in tests per 100,000 population</td>
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<td>-10% - 10%</td>
<td>&lt;10%</td>
</tr>
<tr>
<td>COVID-19 deaths per 100,000 population per week</td>
<td>&lt;0.5</td>
<td>0.5-2</td>
<td>&gt;2</td>
</tr>
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<td>&lt;10%</td>
<td>-10% - 10%</td>
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</tr>
<tr>
<td>Skilled Nursing Facilities with at least one COVID-19 case</td>
<td>0%</td>
<td>0.1%-5%</td>
<td>&gt;5%</td>
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<td>Change in SNFs with at least one COVID-19 case</td>
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DATA NOTES

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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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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](https://www.cdc.gov).

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* 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.
# Massachusetts State Report | 07.19.2020

<table>
<thead>
<tr>
<th>Data Category</th>
<th>State, Last Week</th>
<th>State, % Change from Previous Week</th>
<th>FEMA/HHS Region, Last Week</th>
<th>United States, Last Week</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>New Cases (Rate per 100,000)</strong></td>
<td>1,769 (26)</td>
<td>+19.4%</td>
<td>3,236 (22)</td>
<td>460,366 (140)</td>
</tr>
<tr>
<td><strong>Diagnostic Test Positivity Rate</strong></td>
<td>1.8%</td>
<td>-0.4%*</td>
<td>1.7%</td>
<td>9.1%</td>
</tr>
<tr>
<td><strong>Total Diagnostic Tests (Tests per 100,000)</strong></td>
<td>103,427 (1,501)</td>
<td>+27.0%</td>
<td>184,227 (1,241)</td>
<td>4,940,998 (1,505)</td>
</tr>
<tr>
<td><strong>COVID Deaths (Rate per 100,000)</strong></td>
<td>106 (2)</td>
<td>-28.9%</td>
<td>179 (1)</td>
<td>5,122 (2)</td>
</tr>
<tr>
<td><strong>SNFs with at Least One COVID-19 Case</strong></td>
<td>6.0%</td>
<td>+0.2%</td>
<td>7.0%</td>
<td>10.0%</td>
</tr>
</tbody>
</table>

* Indicates absolute change in percentage points

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# MASSACHUSETTS
STATE REPORT | 07.19.2020

<table>
<thead>
<tr>
<th>LOCALITIES IN RED ZONE</th>
<th>LOCALITIES IN YELLOW ZONE</th>
</tr>
</thead>
<tbody>
<tr>
<td>METRO AREA (CBSA) LAST WEEK</td>
<td>0</td>
</tr>
<tr>
<td>COUNTY LAST WEEK</td>
<td>0</td>
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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 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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SelectSub_000231
MASSACHUSETTS
STATE REPORT | 07.19.2020

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

DATA SOURCES
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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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).

<table>
<thead>
<tr>
<th>Metric</th>
<th>Green</th>
<th>Yellow</th>
<th>Red</th>
</tr>
</thead>
<tbody>
<tr>
<td>New cases per 100,000 population per week</td>
<td>&lt;10</td>
<td>10-100</td>
<td>&gt;100</td>
</tr>
<tr>
<td>Percent change in new cases per 100,000 population</td>
<td>&lt;-10%</td>
<td>-10% - 10%</td>
<td>&gt;10%</td>
</tr>
<tr>
<td>Diagnostic test result positivity rate</td>
<td>&lt;5%</td>
<td>5%-10%</td>
<td>&gt;10%</td>
</tr>
<tr>
<td>Change in test positivity</td>
<td>&lt;-0.5%</td>
<td>-0.5%-0.5%</td>
<td>&gt;0.5%</td>
</tr>
<tr>
<td>Total diagnostic tests resulted per 100,000 population per week</td>
<td>&gt;1000</td>
<td>500-1000</td>
<td>&lt;500</td>
</tr>
<tr>
<td>Percent change in tests per 100,000 population</td>
<td>&gt;10%</td>
<td>-10% - 10%</td>
<td>&lt;10%</td>
</tr>
<tr>
<td>COVID-19 deaths per 100,000 population per week</td>
<td>&lt;0.5</td>
<td>0.5-2</td>
<td>&gt;2</td>
</tr>
<tr>
<td>Percent change in deaths per 100,000 population</td>
<td>&lt;10%</td>
<td>-10% - 10%</td>
<td>&gt;10%</td>
</tr>
<tr>
<td>Skilled Nursing Facilities with at least one COVID-19 case</td>
<td>0%</td>
<td>0.1%-5%</td>
<td>&gt;5%</td>
</tr>
<tr>
<td>Change in SNFs with at least one COVID-19 case</td>
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<td>&gt;0.5%</td>
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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 reported. 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.
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.

* 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.
## Michigan State Report | 07.19.2020

<table>
<thead>
<tr>
<th>Metric</th>
<th>State, Last Week</th>
<th>State, % Change from Previous Week</th>
<th>FEMA/HHS Region, Last Week</th>
<th>United States, Last Week</th>
</tr>
</thead>
<tbody>
<tr>
<td>New Cases (Rate per 100,000)</td>
<td>4,909 (49)</td>
<td>+40.0%</td>
<td>36,439 (69)</td>
<td>460,366 (140)</td>
</tr>
<tr>
<td>Diagnostic Test Positivity Rate</td>
<td>3.6%</td>
<td>+0.4%*</td>
<td>5.0%</td>
<td>9.1%</td>
</tr>
<tr>
<td>Total Diagnostic Tests (Tests per 100,000)</td>
<td>182,591 (1,828)</td>
<td>+15.2%</td>
<td>883,705 (1,682)</td>
<td>4,940,998 (1,505)</td>
</tr>
<tr>
<td>Covid Deaths (Rate per 100,000)</td>
<td>71 (1)</td>
<td>+1.4%</td>
<td>401 (1)</td>
<td>5,122 (2)</td>
</tr>
<tr>
<td>SNFs with at least one COVID-19 Case</td>
<td>8.6%</td>
<td>-0.1%</td>
<td>7.0%</td>
<td>10.0%</td>
</tr>
</tbody>
</table>

* Indicates absolute change in percentage points

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# MICHIGAN
## STATE REPORT | 07.19.2020

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</tr>
<tr>
<td><strong>LAST WEEK</strong></td>
<td><strong>Saginaw</strong></td>
</tr>
<tr>
<td></td>
<td><strong>South Bend-Mishawaka</strong></td>
</tr>
<tr>
<td></td>
<td><strong>Marinette</strong></td>
</tr>
<tr>
<td></td>
<td><strong>Coldwater</strong></td>
</tr>
</tbody>
</table>

| **COUNTY LAST WEEK**  | **Macomb**                |
|                       | **Washtenaw**             |
|                       | **Saginaw**               |
|                       | **Oceana Branch**         |
|                       | **Leelanau**              |
|                       | **Otsego**                |

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Public Officials
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National Picture

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TEST POSITIVITY LAST WEEK

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## Methods

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<tr>
<td>COVID-19 deaths per 100,000 population per week</td>
<td>&lt;0.5</td>
<td>0.5 - 2</td>
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</tr>
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<tr>
<td>Skilled Nursing Facilities with at least one COVID-19 case</td>
<td>0%</td>
<td>0.1% - 5%</td>
<td>&gt;5%</td>
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- **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.
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.

* 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.
## MINNESOTA
### STATE REPORT | 07.19.2020

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

* 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.
## MINNESOTA
### STATE REPORT | 07.19.2020

### LOCALITIES IN RED ZONE

<table>
<thead>
<tr>
<th>METRO AREA (CBSA) LAST WEEK</th>
<th>LOCALITIES</th>
</tr>
</thead>
<tbody>
<tr>
<td>2</td>
<td>Marshall, Worthington</td>
</tr>
</tbody>
</table>

### LOCALITIES IN YELLOW ZONE

<table>
<thead>
<tr>
<th>COUNTY LAST WEEK</th>
</tr>
</thead>
<tbody>
<tr>
<td>5</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
<th>Minneapolis-St. Paul-Bloomington</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Mankato</td>
</tr>
<tr>
<td></td>
<td>Owatonna</td>
</tr>
<tr>
<td></td>
<td>Bemidji</td>
</tr>
<tr>
<td></td>
<td>New Ulm</td>
</tr>
</tbody>
</table>

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

### Top 12 shown (full list below)

**All Yellow Counties:** Hennepin, Ramsey, Dakota, Anoka, Stearns, Washington, Scott, Carver, Clay, Nicollet, Waconwan, Le Sueur, Steele, Beltrami, Dodge, Waseca, Brown, Grant, Sibley, Faribault, Becker, Koochiching, Fillmore, Cottonwood, Mahnomen, 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

**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
- 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
MINNESOTA
STATE REPORT | 07.19.2020

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.

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

DATA SOURCES
MINNESOTA
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

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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

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)

<table>
<thead>
<tr>
<th>Metric</th>
<th>Green</th>
<th>Yellow</th>
<th>Red</th>
</tr>
</thead>
<tbody>
<tr>
<td>New cases per 100,000 population per week</td>
<td>&lt;10</td>
<td>10-100</td>
<td>&gt;100</td>
</tr>
<tr>
<td>Percent change in new cases per 100,000 population</td>
<td>&lt;10%</td>
<td>-10% - 10%</td>
<td>&gt;10%</td>
</tr>
<tr>
<td>Diagnostic test result positivity rate</td>
<td>&lt;5%</td>
<td>5%-10%</td>
<td>&gt;10%</td>
</tr>
<tr>
<td>Change in test positivity</td>
<td>&lt;0.5%</td>
<td>0.5%-0.5%</td>
<td>&gt;0.5%</td>
</tr>
<tr>
<td>Total diagnostic tests resulted per 100,000 population per week</td>
<td>&gt;1000</td>
<td>500-1000</td>
<td>&lt;500</td>
</tr>
<tr>
<td>Percent change in tests per 100,000 population</td>
<td>&gt;10%</td>
<td>-10% - 10%</td>
<td>&lt;10%</td>
</tr>
<tr>
<td>COVID-19 deaths per 100,000 population per week</td>
<td>&lt;0.5</td>
<td>0.5-2</td>
<td>&gt;2</td>
</tr>
<tr>
<td>Percent change in deaths per 100,000 population</td>
<td>&lt;10%</td>
<td>-10% - 10%</td>
<td>&gt;10%</td>
</tr>
<tr>
<td>Skilled Nursing Facilities with at least one COVID-19 case</td>
<td>0%</td>
<td>0.1%-5%</td>
<td>&gt;5%</td>
</tr>
<tr>
<td>Change in SNFs with at least one COVID-19 case</td>
<td>&lt;0.5%</td>
<td>0.5%-0.5%</td>
<td>&gt;0.5%</td>
</tr>
</tbody>
</table>

DATA NOTES

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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 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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# MISSISSIPPI

**STATE REPORT | 07.19.2020**

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

* 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.
## MISSISSIPPI
### STATE REPORT | 07.19.2020

### LOCALITIES IN RED ZONE

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

**METRO AREA (CBSA) LAST WEEK**

<table>
<thead>
<tr>
<th>22</th>
<th>Columbus</th>
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<table>
<thead>
<tr>
<th>69</th>
<th>Covington</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Lowndes</td>
</tr>
<tr>
<td></td>
<td>Marshall</td>
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<td></td>
<td>Lauderdale</td>
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<td>Montgomery</td>
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<td>Yalobusha</td>
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<td>Smith</td>
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<td>Hancock</td>
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<td>Webster</td>
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<td></td>
<td>Kemper</td>
</tr>
<tr>
<td></td>
<td>Choctaw</td>
</tr>
</tbody>
</table>

**COUNTY LAST WEEK**

| 11 | Selected locations based on the highest number of new cases in the last three weeks. |

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

**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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MISSISSIPPI
STATE REPORT | 07.19.2020

DATA SOURCES

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

DATA SOURCES
MISSISSIPPI
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
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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)

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<tr>
<th>Metric</th>
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<th>Yellow</th>
<th>Red</th>
</tr>
</thead>
<tbody>
<tr>
<td>New cases per 100,000 population per week</td>
<td>&lt;10</td>
<td>10-100</td>
<td>&gt;100</td>
</tr>
<tr>
<td>Percent change in new cases per 100,000 population</td>
<td>-10%</td>
<td>-10% - 10%</td>
<td>&gt;10%</td>
</tr>
<tr>
<td>Diagnostic test result positivity rate</td>
<td>&lt;5%</td>
<td>5%-10%</td>
<td>&gt;10%</td>
</tr>
<tr>
<td>Change in test positivity</td>
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<td>0.5%-0.5%</td>
<td>&gt;0.5%</td>
</tr>
<tr>
<td>Total diagnostic tests resulted per 100,000 population per week</td>
<td>&gt;1000</td>
<td>500-1000</td>
<td>&lt;500</td>
</tr>
<tr>
<td>Percent change in tests per 100,000 population</td>
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<td>-10% - 10%</td>
<td>&lt;10%</td>
</tr>
<tr>
<td>COVID-19 deaths per 100,000 population per week</td>
<td>&lt;0.5</td>
<td>0.5-2</td>
<td>&gt;2</td>
</tr>
<tr>
<td>Percent change in deaths per 100,000 population</td>
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<td>0.1%-5%</td>
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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.

- **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.
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 COC 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.
## Missouri State Report | 07.19.2020

<table>
<thead>
<tr>
<th>Metric</th>
<th>State, Last Week</th>
<th>State, % Change From Previous Week</th>
<th>FEMA/HHS Region, Last Week</th>
<th>United States, Last Week</th>
</tr>
</thead>
<tbody>
<tr>
<td>New Cases (Rate per 100,000)</td>
<td>4,633 (75)</td>
<td>+23.7%</td>
<td>13,119 (93)</td>
<td>460,366 (140)</td>
</tr>
<tr>
<td>Diagnostic Test Positivity Rate</td>
<td>7.7%</td>
<td>+1.3%*</td>
<td>7.9%</td>
<td>9.1%</td>
</tr>
<tr>
<td>Total Diagnostic Tests (Tests per 100,000)</td>
<td>66,710 (1,087)</td>
<td>+12.4%</td>
<td>191,556 (1,355)</td>
<td>4,940,998 (1,505)</td>
</tr>
<tr>
<td>Covid Deaths (Rate per 100,000)</td>
<td>62 (1)</td>
<td>+113.8%</td>
<td>137 (1)</td>
<td>5,122 (2)</td>
</tr>
<tr>
<td>SNFs with at Least One COVID-19 Case</td>
<td>6.3%</td>
<td>-0.4%</td>
<td>4.0%</td>
<td>10.0%</td>
</tr>
</tbody>
</table>

* 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

<table>
<thead>
<tr>
<th>Metro Area (CBSA) Last Week</th>
<th>Count</th>
</tr>
</thead>
<tbody>
<tr>
<td>Joplin</td>
<td>1</td>
</tr>
</tbody>
</table>

### LOCALITIES IN YELLOW ZONE

<table>
<thead>
<tr>
<th>County Last Week</th>
<th>Count</th>
<th>Top 12 Shown (full list below)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Jasper McDonald</td>
<td>6</td>
<td>16 St. Louis, Kansas City, Springfield, Columbia, Cape Girardeau, Warrensburg, Branson, Lebanon, Sikeston, Sedalia, Kennett, Marshall, Hannibal, West Plains, Mexico, Quincy</td>
</tr>
</tbody>
</table>

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

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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%.

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SelectSub_000275
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- Limit social gatherings to 10 people or fewer
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- 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
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MISSOURI
STATE REPORT | 07.19.2020

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MISSOURI
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

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National Picture

NEW CASES PER 100,000 LAST WEEK

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## Methods

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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.
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.
# Montana State Report | 07.19.2020

<table>
<thead>
<tr>
<th>NEW CASES (RATE PER 100,000)</th>
<th>STATE, LAST WEEK</th>
<th>STATE, % CHANGE FROM PREVIOUS WEEK</th>
<th>FEMA/HHS REGION, LAST WEEK</th>
<th>UNITED STATES, LAST WEEK</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>750 (70)</td>
<td>+59.9%</td>
<td>9,520 (78)</td>
<td>460,366 (140)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>DIAGNOSTIC TEST POSITIVITY RATE</th>
<th></th>
<th>+1.5%*</th>
<th>6.0%</th>
<th>9.1%</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>TOTAL DIAGNOSTIC TESTS (TESTS PER 100,000)</th>
<th></th>
<th>-4.2%</th>
<th>182,910 (1,492)</th>
<th>4,940,998 (1,505)</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>COVID DEATHS (RATE PER 100,000)</th>
<th></th>
<th>+80.0%</th>
<th>81 (1)</th>
<th>5,122 (2)</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>SNFs WITH AT LEAST ONE COVID-19 CASE</th>
<th></th>
<th>+0.0%</th>
<th>4.5%</th>
<th>10.0%</th>
</tr>
</thead>
</table>

* 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.
## MONTANA STATE REPORT | 07.19.2020

### LOCALITIES IN RED ZONE

<table>
<thead>
<tr>
<th>METRO AREA (CBSA) LAST WEEK</th>
<th>Billings</th>
</tr>
</thead>
<tbody>
<tr>
<td>COUNTY LAST WEEK</td>
<td>Yellowstone, Lake, Lincoln, Madison, Garfield</td>
</tr>
</tbody>
</table>

### LOCALITIES IN YELLOW ZONE

<table>
<thead>
<tr>
<th>Gallatin Carbon Ravalli Richland Hill Custer Teton Jefferson Stillwater Beaverhead Broadwater Sanders</th>
</tr>
</thead>
</table>

### 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

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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
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.

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

- Yellowstone County, MT
- Gallatin County, MT
- Lake County, MT
- Missoula County, MT
- Big Horn County, MT
- Lewis and Clark County, MT
- Flathead County, MT
- Cascade County, MT
- Lincoln County, MT
- Madison County, MT
- Glacier County, MT
- Carbon County, MT

DATA SOURCES
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)

<table>
<thead>
<tr>
<th>Metric</th>
<th>Green</th>
<th>Yellow</th>
<th>Red</th>
</tr>
</thead>
<tbody>
<tr>
<td>New cases per 100,000 population per week</td>
<td>&lt;10</td>
<td>10-100</td>
<td>&gt;100</td>
</tr>
<tr>
<td>Percent change in new cases per 100,000 population</td>
<td>-10%</td>
<td>-10% - 10%</td>
<td>&gt;10%</td>
</tr>
<tr>
<td>Diagnostic test result positivity rate</td>
<td>&lt;5%</td>
<td>5%-10%</td>
<td>&gt;10%</td>
</tr>
<tr>
<td>Change in test positivity</td>
<td>&lt;0.5%</td>
<td>-0.5%-0.5%</td>
<td>&gt;0.5%</td>
</tr>
<tr>
<td>Total diagnostic tests resulted per 100,000 population per week</td>
<td>&gt;1000</td>
<td>500-1000</td>
<td>&lt;500</td>
</tr>
<tr>
<td>Percent change in tests per 100,000 population</td>
<td>&gt;10%</td>
<td>-10% - 10%</td>
<td>&lt;10%</td>
</tr>
<tr>
<td>COVID-19 deaths per 100,000 population per week</td>
<td>&lt;0.5</td>
<td>0.5-2</td>
<td>&gt;2</td>
</tr>
<tr>
<td>Percent change in deaths per 100,000 population</td>
<td>&lt;10%</td>
<td>-10% - 10%</td>
<td>&gt;10%</td>
</tr>
<tr>
<td>Skilled Nursing Facilities with at least one COVID-19 case</td>
<td>0%</td>
<td>0.1%-5%</td>
<td>&gt;5%</td>
</tr>
<tr>
<td>Change in SNFs with at least one COVID-19 case</td>
<td>&lt;0.5%</td>
<td>-0.5%-0.5%</td>
<td>&gt;0.5%</td>
</tr>
</tbody>
</table>

**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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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](https://www.cdc.gov).

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 locations. 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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NEBRASKA
STATE REPORT | 07.19.2020

<table>
<thead>
<tr>
<th></th>
<th>STATE, LAST WEEK</th>
<th>STATE, % CHANGE FROM PREVIOUS WEEK</th>
<th>FEMA/HHS REGION, LAST WEEK</th>
<th>UNITED STATES, LAST WEEK</th>
</tr>
</thead>
<tbody>
<tr>
<td>NEW CASES (RATE PER 100,000)</td>
<td>1,514 (78)</td>
<td>+22.5%</td>
<td>13,119 (93)</td>
<td>460,366 (140)</td>
</tr>
<tr>
<td>DIAGNOSTIC TEST POSITIVITY RATE</td>
<td>8.2%</td>
<td>+0.2%*</td>
<td>7.9%</td>
<td>9.1%</td>
</tr>
<tr>
<td>TOTAL DIAGNOSTIC TESTS (TESTS PER 100,000)</td>
<td>28,718 (1,485)</td>
<td>+24.0%</td>
<td>191,556 (1,355)</td>
<td>4,940,998 (1,505)</td>
</tr>
<tr>
<td>COVID DEATHS (RATE PER 100,000)</td>
<td>19 (1)</td>
<td>+375.0%</td>
<td>137 (1)</td>
<td>5,122 (2)</td>
</tr>
<tr>
<td>SNFs WITH AT LEAST ONE COVID-19 CASE</td>
<td>1.0%</td>
<td>+0.5%</td>
<td>4.0%</td>
<td>10.0%</td>
</tr>
</tbody>
</table>

* 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.
## NEBRASKA
### STATE REPORT | 07.19.2020

### LOCALITIES IN RED ZONE

<table>
<thead>
<tr>
<th>METRO AREA (CBSA) LAST WEEK</th>
<th>1</th>
<th>Lincoln</th>
</tr>
</thead>
</table>

| COUNTY LAST WEEK | 8 | Lancaster, Thurston, Thayer, Clay, Antelope, McPherson, Deuel, Garfield |

### LOCALITIES IN YELLOW ZONE

<table>
<thead>
<tr>
<th>Omaha-Council Bluffs, Sioux City, Grand Island, Columbus, Scottsbluff, Norfolk, Hastings, Lexington, Beatrice</th>
</tr>
</thead>
</table>

| 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 |

### Top 12 shown (full list below)

#### 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

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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
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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 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
NEBRASKA
STATE REPORT | 07.19.2020

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.

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

DATA SOURCES

NEBRASKA
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.
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)

<table>
<thead>
<tr>
<th>Metric</th>
<th>Green</th>
<th>Yellow</th>
<th>Red</th>
</tr>
</thead>
<tbody>
<tr>
<td>New cases per 100,000 population per week</td>
<td>&lt;10</td>
<td>10-100</td>
<td>&gt;100</td>
</tr>
<tr>
<td>Percent change in new cases per 100,000 population</td>
<td>-10%</td>
<td>-10% - 10%</td>
<td>&gt;10%</td>
</tr>
<tr>
<td>Diagnostic test result positivity rate</td>
<td>&lt;5%</td>
<td>5% - 10%</td>
<td>&gt;10%</td>
</tr>
<tr>
<td>Change in test positivity</td>
<td>&lt;0.5%</td>
<td>0.5% - 10%</td>
<td>&gt;0.5%</td>
</tr>
<tr>
<td>Total diagnostic tests resulted per 100,000 population per week</td>
<td>&gt;1000</td>
<td>500 - 1000</td>
<td>&lt;500</td>
</tr>
<tr>
<td>Percent change in tests per 100,000 population</td>
<td>&gt;10%</td>
<td>-10% - 10%</td>
<td>&lt;10%</td>
</tr>
<tr>
<td>COVID-19 deaths per 100,000 population per week</td>
<td>&lt;0.5</td>
<td>0.5 - 2</td>
<td>&gt;2</td>
</tr>
<tr>
<td>Percent change in deaths per 100,000 population</td>
<td>&lt;10%</td>
<td>-10% - 10%</td>
<td>&gt;10%</td>
</tr>
<tr>
<td>Skilled Nursing Facilities with at least one COVID-19 case</td>
<td>0%</td>
<td>0.1% - 5%</td>
<td>&gt;5%</td>
</tr>
<tr>
<td>Change in SNFs with at least one COVID-19 case</td>
<td>&lt;0.5%</td>
<td>0.5% - 0.5%</td>
<td>&gt;0.5%</td>
</tr>
</tbody>
</table>

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.
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](https://www.cdc.gov).

*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.*
## NEVADA

**STATE REPORT | 07.19.2020**

<table>
<thead>
<tr>
<th></th>
<th>STATE, LAST WEEK</th>
<th>STATE, % CHANGE FROM PREVIOUS WEEK</th>
<th>FEMA/HHS REGION, LAST WEEK</th>
<th>UNITED STATES, LAST WEEK</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>NEW CASES (RATE PER 100,000)</strong></td>
<td>7,341 (238)</td>
<td>+40.2%</td>
<td>90,868 (177)</td>
<td>460,366 (140)</td>
</tr>
<tr>
<td><strong>DIAGNOSTIC TEST POSITIVITY RATE</strong></td>
<td>13.4%</td>
<td>+1.6%*</td>
<td>10.3%</td>
<td>9.1%</td>
</tr>
<tr>
<td><strong>TOTAL DIAGNOSTIC TESTS (TESTS PER 100,000)</strong></td>
<td>44,839 (1,456)</td>
<td>-9.4%</td>
<td>790,849 (1,542)</td>
<td>4,940,998 (1,505)</td>
</tr>
<tr>
<td><strong>COVID DEATHS (RATE PER 100,000)</strong></td>
<td>58 (2)</td>
<td>+13.7%</td>
<td>1,160 (2)</td>
<td>5,122 (2)</td>
</tr>
<tr>
<td><strong>SNFs WITH AT LEAST ONE COVID-19 CASE</strong></td>
<td>15.0%</td>
<td>+3.9%</td>
<td>17.3%</td>
<td>10.0%</td>
</tr>
</tbody>
</table>

* 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.
## NEVADA
STATE REPORT | 07.19.2020

<table>
<thead>
<tr>
<th>Localities in Red Zone</th>
<th>Localities in Yellow Zone</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Metro Area (CBSA) Last Week</strong></td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>5</td>
</tr>
<tr>
<td>Las Vegas-Henderson-Paradise Elko</td>
<td>Reno Pahrump Carson City Fernley Gardnerville Ranchos</td>
</tr>
<tr>
<td><strong>County Last Week</strong></td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>6</td>
</tr>
<tr>
<td>Clark Elko</td>
<td>Washoe Nye Carson City Lyon Douglas Lander</td>
</tr>
</tbody>
</table>

**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
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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.

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

DATA SOURCES
NEVADA
STATE REPORT | 07.19.2020

CASE RATES AND DIAGNOSTIC TEST POSITIVITY DURING THE LAST WEEK

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.

SelectSub_000767
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)

<table>
<thead>
<tr>
<th>Metric</th>
<th>Green</th>
<th>Yellow</th>
<th>Red</th>
</tr>
</thead>
<tbody>
<tr>
<td>New cases per 100,000 population per week</td>
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<td>10-100</td>
<td>&gt;100</td>
</tr>
<tr>
<td>Percent change in new cases per 100,000 population</td>
<td>-10%</td>
<td>-10% - 10%</td>
<td>&gt;10%</td>
</tr>
<tr>
<td>Diagnostic test result positivity rate</td>
<td>&lt;5%</td>
<td>5% - 10%</td>
<td>&gt;10%</td>
</tr>
<tr>
<td>Change in test positivity</td>
<td>&lt;0.5%</td>
<td>0.5% - 10%</td>
<td>&gt;0.5%</td>
</tr>
<tr>
<td>Total diagnostic tests resulted per 100,000 population per week</td>
<td>&gt;1000</td>
<td>500-1000</td>
<td>&lt;500</td>
</tr>
<tr>
<td>Percent change in tests per 100,000 population</td>
<td>&gt;10%</td>
<td>-10% - 10%</td>
<td>&lt;10%</td>
</tr>
<tr>
<td>COVID-19 deaths per 100,000 population per week</td>
<td>&lt;0.5</td>
<td>0.5 - 2</td>
<td>&gt;2</td>
</tr>
<tr>
<td>Percent change in deaths per 100,000 population</td>
<td>&lt;10%</td>
<td>-10% - 10%</td>
<td>&gt;10%</td>
</tr>
<tr>
<td>Skilled Nursing Facilities with at least one COVID-19 case</td>
<td>0%</td>
<td>0.1% - 5%</td>
<td>&gt;5%</td>
</tr>
<tr>
<td>Change in SNFs with at least one COVID-19 case</td>
<td>&lt;0.5%</td>
<td>0.5% - 5%</td>
<td>&gt;0.5%</td>
</tr>
</tbody>
</table>

**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](https://www.cdc.gov).

*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.
## NEW HAMPSHIRE
### STATE REPORT | 07.19.2020

<table>
<thead>
<tr>
<th></th>
<th>STATE, LAST WEEK</th>
<th>STATE, % CHANGE FROM PREVIOUS WEEK</th>
<th>FEMA/HHS REGION, LAST WEEK</th>
<th>UNITED STATES, LAST WEEK</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>NEW CASES</strong> (RATE PER 100,000)</td>
<td>174 (13)</td>
<td>+28.9%</td>
<td>3,236 (22)</td>
<td>460,366 (140)</td>
</tr>
<tr>
<td><strong>DIAGNOSTIC TEST POSITIVITY RATE</strong></td>
<td>1.6%</td>
<td>+0.3%*</td>
<td>1.7%</td>
<td>9.1%</td>
</tr>
<tr>
<td><strong>TOTAL DIAGNOSTIC TESTS (TESTS PER 100,000)</strong></td>
<td>12,927 (951)</td>
<td>+0.3%</td>
<td>184,227 (1,241)</td>
<td>4,940,998 (1,505)</td>
</tr>
<tr>
<td><strong>COVID DEATHS</strong> (RATE PER 100,000)</td>
<td>5 (0)</td>
<td>-64.3%</td>
<td>179 (1)</td>
<td>5,122 (2)</td>
</tr>
<tr>
<td><strong>SNFs WITH AT LEAST ONE COVID-19 CASE</strong></td>
<td>4.5%</td>
<td>+1.4%</td>
<td>7.0%</td>
<td>10.0%</td>
</tr>
</tbody>
</table>

### 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 HAMPSHIRE
### STATE REPORT | 07.19.2020

<table>
<thead>
<tr>
<th>LOCALITIES IN RED ZONE</th>
<th>LOCALITIES IN YELLOW ZONE</th>
</tr>
</thead>
<tbody>
<tr>
<td>METRO AREA (CBSA)</td>
<td></td>
</tr>
<tr>
<td>LAST WEEK</td>
<td>0</td>
</tr>
<tr>
<td></td>
<td>N/A</td>
</tr>
<tr>
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<td>0</td>
</tr>
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<td></td>
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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%.

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**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
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NEW HAMPSHIRE
STATE REPORT | 07.19.2020

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.

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

DATA SOURCES
NEW HAMPSHIRE
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

**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)

<table>
<thead>
<tr>
<th>Metric</th>
<th>Green</th>
<th>Yellow</th>
<th>Red</th>
</tr>
</thead>
<tbody>
<tr>
<td>New cases per 100,000 population per week</td>
<td>&lt;10</td>
<td>10-100</td>
<td>&gt;100</td>
</tr>
<tr>
<td>Percent change in new cases per 100,000 population</td>
<td>&lt;10%</td>
<td>-10% - 10%</td>
<td>&gt;10%</td>
</tr>
<tr>
<td>Diagnostic test result positivity rate</td>
<td>&lt;5%</td>
<td>5%-10%</td>
<td>&gt;10%</td>
</tr>
<tr>
<td>Change in test positivity</td>
<td>&lt;0.5%</td>
<td>-0.5%-0.5%</td>
<td>&gt;0.5%</td>
</tr>
<tr>
<td>Total diagnostic tests resulted per 100,000 population per week</td>
<td>&gt;1000</td>
<td>500-1000</td>
<td>&lt;500</td>
</tr>
<tr>
<td>Percent change in tests per 100,000 population</td>
<td>&gt;10%</td>
<td>-10% - 10%</td>
<td>&lt;10%</td>
</tr>
<tr>
<td>COVID-19 deaths per 100,000 population per week</td>
<td>&lt;0.5</td>
<td>0.5-2</td>
<td>&gt;2</td>
</tr>
<tr>
<td>Percent change in deaths per 100,000 population</td>
<td>&lt;10%</td>
<td>-10% - 10%</td>
<td>&gt;10%</td>
</tr>
<tr>
<td>Skilled Nursing Facilities with at least one COVID-19 case</td>
<td>0%</td>
<td>0.1%-5%</td>
<td>&gt;5%</td>
</tr>
<tr>
<td>Change in SNFs with at least one COVID-19 case</td>
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<td>&gt;0.5%</td>
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**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 reported 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 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.
# NEW JERSEY

**STATE REPORT | 07.19.2020**

<table>
<thead>
<tr>
<th></th>
<th>STATE, LAST WEEK</th>
<th>STATE, % CHANGE FROM PREVIOUS WEEK</th>
<th>FEMA/HHS REGION, LAST WEEK</th>
<th>UNITED STATES, LAST WEEK</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>NEW CASES</strong> (RATE PER 100,000)</td>
<td>1,972 (22)</td>
<td>+4.7%</td>
<td>7,224 (25)</td>
<td>460,366 (140)</td>
</tr>
<tr>
<td><strong>DIAGNOSTIC TEST POSITIVITY RATE</strong></td>
<td>2.2%</td>
<td>-0.3%*</td>
<td>1.6%</td>
<td>9.1%</td>
</tr>
<tr>
<td><strong>TOTAL DIAGNOSTIC TESTS</strong> (TESTS PER 100,000)</td>
<td>111,626 (1,257)</td>
<td>-4.6%</td>
<td>565,171 (1,995)</td>
<td>4,940,998 (1,505)</td>
</tr>
<tr>
<td><strong>COVID DEATHS</strong> (RATE PER 100,000)</td>
<td>206 (2)</td>
<td>-34.4%</td>
<td>350 (1)</td>
<td>5,122 (2)</td>
</tr>
<tr>
<td><strong>SNFs WITH AT LEAST ONE COVID-19 CASE</strong></td>
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<td>-0.1%</td>
<td>11.1%</td>
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* Indicates absolute change in percentage points

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# NEW JERSEY

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</tr>
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<td>0</td>
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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
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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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- **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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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
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- 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
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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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NEW JERSEY
STATE REPORT | 07.19.2020

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SelectSub_000774
Top 12 counties based on number of new cases in the last 3 weeks

DATA SOURCES
NEW JERSEY
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

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National Picture

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TEST POSITIVITY LAST WEEK

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## Methods

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</tr>
<tr>
<td>Total diagnostic tests resulted per 100,000 population per week</td>
<td>&gt;1000</td>
<td>500-1000</td>
<td>&lt;500</td>
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<td>-10% - 10%</td>
<td>&lt;10%</td>
</tr>
<tr>
<td>COVID-19 deaths per 100,000 population per week</td>
<td>&lt;0.5</td>
<td>0.5-2</td>
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</tr>
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<td>Percent change in deaths per 100,000 population</td>
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**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 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.

* 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.
# NEW MEXICO
STATE REPORT | 07.19.2020

<table>
<thead>
<tr>
<th></th>
<th>STATE, LAST WEEK</th>
<th>STATE, % CHANGE FROM PREVIOUS WEEK</th>
<th>FEMA/HHS REGION, LAST WEEK</th>
<th>UNITED STATES, LAST WEEK</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>NEW CASES</strong></td>
<td>1,910 (91)</td>
<td>+7.7%</td>
<td>98,661 (231)</td>
<td>460,366 (140)</td>
</tr>
<tr>
<td>(RATE PER 100,000)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>DIAGNOSTIC TEST</strong></td>
<td>4.3%</td>
<td>+0.0%*</td>
<td>16.1%</td>
<td>9.1%</td>
</tr>
<tr>
<td><strong>POSITIVITY RATE</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>TOTAL DIAGNOSTIC</strong></td>
<td>50,845 (2,425)</td>
<td>+10.9%</td>
<td>515,746 (1,207)</td>
<td>4,940,998 (1,505)</td>
</tr>
<tr>
<td><strong>TESTS PER 100,000</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>COVID DEATHS</strong></td>
<td>26 (1)</td>
<td>-7.1%</td>
<td>948 (2)</td>
<td>5,122 (2)</td>
</tr>
<tr>
<td>(RATE PER 100,000)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>SNFs WITH AT LEAST ONE COVID-19 CASE</strong></td>
<td>4.5%</td>
<td>-0.1%</td>
<td>14.1%</td>
<td>10.0%</td>
</tr>
</tbody>
</table>

* 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 MEXICO
STATE REPORT | 07.19.2020

<table>
<thead>
<tr>
<th>METRO AREA (CBSA) LAST WEEK</th>
<th>LOCALITIES IN RED ZONE</th>
<th>LOCALITIES IN YELLOW ZONE</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>N/A</td>
<td>Las Cruces</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Hobbs</td>
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<tr>
<td></td>
<td></td>
<td>Clovis</td>
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<td></td>
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<td>Ruidoso</td>
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<tr>
<td></td>
<td></td>
<td>Bernalillo</td>
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<td></td>
<td></td>
<td>Doña Ana</td>
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<tr>
<td></td>
<td></td>
<td>Lea</td>
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<td></td>
<td></td>
<td>Curry</td>
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<tr>
<td></td>
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<td>Lincoln</td>
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<tr>
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<tr>
<td></td>
<td></td>
<td>Mora</td>
</tr>
<tr>
<td></td>
<td>1</td>
<td>Hidalgo</td>
</tr>
</tbody>
</table>

**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 settings 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
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

DATA SOURCES
NEW MEXICO
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)

<table>
<thead>
<tr>
<th>Metric</th>
<th>Green</th>
<th>Yellow</th>
<th>Red</th>
</tr>
</thead>
<tbody>
<tr>
<td>New cases per 100,000 population per week</td>
<td>&lt;10</td>
<td>10-100</td>
<td>&gt;100</td>
</tr>
<tr>
<td>Percent change in new cases per 100,000 population</td>
<td>&lt;-10%</td>
<td>-10% - 10%</td>
<td>&gt;10%</td>
</tr>
<tr>
<td>Diagnostic test result positivity rate</td>
<td>&lt;5%</td>
<td>5% -10%</td>
<td>&gt;10%</td>
</tr>
<tr>
<td>Change in test positivity</td>
<td>&lt;-0.5%</td>
<td>-0.5% - 10%</td>
<td>&gt;0.5%</td>
</tr>
<tr>
<td>Total diagnostic tests resulted per 100,000 population per week</td>
<td>&gt;1000</td>
<td>500 -1000</td>
<td>&lt;500</td>
</tr>
<tr>
<td>Percent change in tests per 100,000 population</td>
<td>&gt;10%</td>
<td>-10% - 10%</td>
<td>&lt;-10%</td>
</tr>
<tr>
<td>COVID-19 deaths per 100,000 population per week</td>
<td>&lt;0.5</td>
<td>0.5 -2</td>
<td>&gt;2</td>
</tr>
<tr>
<td>Percent change in deaths per 100,000 population</td>
<td>&lt;10%</td>
<td>-10% - 10%</td>
<td>&gt;10%</td>
</tr>
<tr>
<td>Skilled Nursing Facilities with at least one COVID-19 case</td>
<td>0%</td>
<td>0.1% - 5%</td>
<td>&gt;5%</td>
</tr>
<tr>
<td>Change in SNFs with at least one COVID-19 case</td>
<td>&lt;-0.5%</td>
<td>-0.5% - 0.5%</td>
<td>&gt;0.5%</td>
</tr>
</tbody>
</table>

**DATA NOTES**

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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.

*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.
# NEW YORK

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<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>DIAGNOSTIC TEST</strong></td>
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<td>+0.1%*</td>
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<td>9.1%</td>
</tr>
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<td></td>
<td></td>
<td></td>
<td></td>
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<tr>
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<td></td>
<td></td>
<td></td>
</tr>
<tr>
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<td>-14.3%</td>
<td>350 (1)</td>
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<td></td>
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<td></td>
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<tr>
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# NEW YORK

**STATE REPORT | 07.19.2020**

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</tr>
</thead>
<tbody>
<tr>
<td><strong>METRO AREA (CBSA) LAST WEEK</strong></td>
<td><strong>COUNTY LAST WEEK</strong></td>
</tr>
<tr>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>N/A</td>
<td>N/A</td>
</tr>
</tbody>
</table>

**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 takeout 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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- **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 YORK
STATE REPORT | 07.19.2020

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

DATA SOURCES
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
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
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)

<table>
<thead>
<tr>
<th>Metric</th>
<th>Green</th>
<th>Yellow</th>
<th>Red</th>
</tr>
</thead>
<tbody>
<tr>
<td>New cases per 100,000 population per week</td>
<td>&lt;10</td>
<td>10-100</td>
<td>&gt;100</td>
</tr>
<tr>
<td>Percent change in new cases per 100,000 population</td>
<td>&lt;-10%</td>
<td>-10% - 10%</td>
<td>&gt;10%</td>
</tr>
<tr>
<td>Diagnostic test result positivity rate</td>
<td>&lt;5%</td>
<td>5% -10%</td>
<td>&gt;10%</td>
</tr>
<tr>
<td>Change in test positivity</td>
<td>&lt;-0.5%</td>
<td>-0.5% - 10%</td>
<td>&gt;0.5%</td>
</tr>
<tr>
<td>Total diagnostic tests resulted per 100,000 population per week</td>
<td>&gt;1000</td>
<td>500 - 1000</td>
<td>&lt;500</td>
</tr>
<tr>
<td>Percent change in tests per 100,000 population</td>
<td>&gt;10%</td>
<td>-10% - 10%</td>
<td>&lt;-10%</td>
</tr>
<tr>
<td>COVID-19 deaths per 100,000 population per week</td>
<td>&lt;0.5</td>
<td>0.5 - 2</td>
<td>&gt;2</td>
</tr>
<tr>
<td>Percent change in deaths per 100,000 population</td>
<td>&lt;-10%</td>
<td>-10% - 10%</td>
<td>&gt;10%</td>
</tr>
<tr>
<td>Skilled Nursing Facilities with at least one COVID-19 case</td>
<td>0%</td>
<td>0.1% - 5%</td>
<td>&gt;5%</td>
</tr>
<tr>
<td>Change in SNFs with at least one COVID-19 case</td>
<td>&lt;-0.5%</td>
<td>-0.5% - 0.5%</td>
<td>&gt;0.5%</td>
</tr>
</tbody>
</table>

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 reported 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.
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 9% 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 32.6 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; 5 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 website](https://www.cdc.gov).

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.
# NORTH CAROLINA

## STATE REPORT | 07.19.2020

<table>
<thead>
<tr>
<th></th>
<th>STATE, LAST WEEK</th>
<th>STATE, % CHANGE FROM PREVIOUS WEEK</th>
<th>FEMA/HHS REGION, LAST WEEK</th>
<th>UNITED STATES, LAST WEEK</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>NEW CASES (RATE PER 100,000)</strong></td>
<td>14,152 (135)</td>
<td>+27.4%</td>
<td>169,342 (253)</td>
<td>460,366 (140)</td>
</tr>
<tr>
<td><strong>DIAGNOSTIC TEST POSITIVITY RATE</strong></td>
<td>10.1%</td>
<td>-0.1%*</td>
<td>15.5%</td>
<td>9.1%</td>
</tr>
<tr>
<td><strong>TOTAL DIAGNOSTIC TESTS (TESTS PER 100,000)</strong></td>
<td>154,771 (1,476)</td>
<td>+20.1%</td>
<td>990,405 (1,480)</td>
<td>4,940,998 (1,505)</td>
</tr>
<tr>
<td><strong>COVID DEATHS (RATE PER 100,000)</strong></td>
<td>130 (1)</td>
<td>+47.7%</td>
<td>1,549 (2)</td>
<td>5,122 (2)</td>
</tr>
<tr>
<td><strong>SNFs WITH AT LEAST ONE COVID-19 CASE</strong></td>
<td>7.3%</td>
<td>-0.2%</td>
<td>14.2%</td>
<td>10.0%</td>
</tr>
</tbody>
</table>

* 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

<table>
<thead>
<tr>
<th>Metro Area (CBSA) Last Week</th>
<th>10</th>
</tr>
</thead>
<tbody>
<tr>
<td>Charlotte-Concord-Gastonia</td>
<td></td>
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<tr>
<td>Hickory-Lenoir-Morganton</td>
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<tr>
<td>Wilmington</td>
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<tr>
<td>Lumberton</td>
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<tr>
<td>Rocky Mount</td>
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<tr>
<td>Myrtle Beach-Conway-North Myrtle Beach</td>
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<tr>
<td>Wilson</td>
<td></td>
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<tr>
<td>Mount Airy</td>
<td></td>
</tr>
<tr>
<td>Cullowhee</td>
<td></td>
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<tr>
<td>Virginia Beach-Norfolk-Newport News</td>
<td></td>
</tr>
</tbody>
</table>

## LOCALITIES IN YELLOW ZONE

<table>
<thead>
<tr>
<th>Localities in Yellow Zone</th>
<th>29</th>
</tr>
</thead>
<tbody>
<tr>
<td>Raleigh-Cary</td>
<td></td>
</tr>
<tr>
<td>Durham-Chapel Hill</td>
<td></td>
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<tr>
<td>Greensboro-High Point</td>
<td></td>
</tr>
<tr>
<td>Winston-Salem</td>
<td></td>
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<tr>
<td>Fayetteville</td>
<td></td>
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<tr>
<td>Salem</td>
<td></td>
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<tr>
<td>Asheville</td>
<td></td>
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<tr>
<td>Burlington</td>
<td></td>
</tr>
<tr>
<td>Asheville</td>
<td></td>
</tr>
<tr>
<td>Shelby</td>
<td></td>
</tr>
<tr>
<td>Goldsboro</td>
<td></td>
</tr>
<tr>
<td>Albemarle</td>
<td></td>
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<tr>
<td>Pinehurst-Southern Pines</td>
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</tr>
</tbody>
</table>

## COUNTY LAST WEEK

<table>
<thead>
<tr>
<th>County Last Week</th>
<th>31</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mecklenburg</td>
<td></td>
</tr>
<tr>
<td>Durham</td>
<td></td>
</tr>
<tr>
<td>Gaston</td>
<td></td>
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<tr>
<td>Union</td>
<td></td>
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<tr>
<td>Johnston</td>
<td></td>
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<tr>
<td>New Hanover</td>
<td></td>
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<tr>
<td>Cabarrus</td>
<td></td>
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<tr>
<td>Catawba</td>
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<tr>
<td>Robeson</td>
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<tr>
<td>Iredell</td>
<td></td>
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<tr>
<td>Randolph</td>
<td></td>
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<tr>
<td>Henderson</td>
<td></td>
</tr>
</tbody>
</table>

## Yellow Countys | 57 |
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Wake</td>
<td></td>
</tr>
<tr>
<td>Guilford</td>
<td></td>
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<tr>
<td>Forsyth</td>
<td></td>
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<tr>
<td>Cumberland</td>
<td></td>
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<tr>
<td>Alamance</td>
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<tr>
<td>Rowan</td>
<td></td>
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<tr>
<td>Buncombe</td>
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<tr>
<td>Davidson</td>
<td></td>
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<tr>
<td>Orange</td>
<td></td>
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<tr>
<td>Brunswick</td>
<td></td>
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<tr>
<td>Pitt</td>
<td></td>
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<tr>
<td>Caldwell</td>
<td></td>
</tr>
</tbody>
</table>

### 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

### 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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- Close bars and gyms, and create outdoor dining opportunities with pedestrian areas
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POLICY RECOMMENDATIONS FOR COUNTIES IN THE YELLOW ZONE IN ORDER TO PREEMPT EXPONENTIAL COMMUNITY SPREAD

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NORTH CAROLINA
STATE REPORT | 07.19.2020

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

DATA SOURCES
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STATE REPORT | 07.19.2020

CASE RATES AND DIAGNOSTIC TEST POSITIVITY DURING THE LAST WEEK

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TEST POSITIVITY DURING LAST WEEK

WEEKLY % CHANGE IN NEW CASES PER 100K

WEEKLY CHANGE IN TEST POSITIVITY

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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)

<table>
<thead>
<tr>
<th>Metric</th>
<th>Green</th>
<th>Yellow</th>
<th>Red</th>
</tr>
</thead>
<tbody>
<tr>
<td>New cases per 100,000 population per week</td>
<td>&lt;10</td>
<td>10-100</td>
<td>&gt;100</td>
</tr>
<tr>
<td>Percent change in new cases per 100,000 population</td>
<td>-10%</td>
<td>-10% - 10%</td>
<td>&gt;10%</td>
</tr>
<tr>
<td>Diagnostic test result positivity rate</td>
<td>&lt;5%</td>
<td>5%-10%</td>
<td>&gt;10%</td>
</tr>
<tr>
<td>Change in test positivity</td>
<td>&lt;0.5%</td>
<td>0.5%-10%</td>
<td>&gt;10%</td>
</tr>
<tr>
<td>Total diagnostic tests resulted per 100,000 population per week</td>
<td>&gt;1000</td>
<td>500-1000</td>
<td>&lt;500</td>
</tr>
<tr>
<td>Percent change in tests per 100,000 population</td>
<td>&gt;10%</td>
<td>10% - 10%</td>
<td>&lt;10%</td>
</tr>
<tr>
<td>COVID-19 deaths per 100,000 population per week</td>
<td>&lt;0.5</td>
<td>0.5-2</td>
<td>&gt;2</td>
</tr>
<tr>
<td>Percent change in deaths per 100,000 population</td>
<td>&lt;10%</td>
<td>10% - 10%</td>
<td>&gt;10%</td>
</tr>
<tr>
<td>Skilled Nursing Facilities with at least one COVID-19 case</td>
<td>0%</td>
<td>1%-5%</td>
<td>&gt;5%</td>
</tr>
<tr>
<td>Change in SNFs with at least one COVID-19 case</td>
<td>&lt;0.5%</td>
<td>0.5%-10%</td>
<td>&gt;0.5%</td>
</tr>
</tbody>
</table>

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.

* 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.
# NORTH DAKOTA
STATE REPORT | 07.20.2020

<table>
<thead>
<tr>
<th></th>
<th>STATE, LAST WEEK</th>
<th>STATE, % CHANGE FROM PREVIOUS WEEK</th>
<th>FEMA/HHS REGION, LAST WEEK</th>
<th>UNITED STATES, LAST WEEK</th>
</tr>
</thead>
<tbody>
<tr>
<td>NEW CASES (RATE PER 100,000)</td>
<td>638 (84)</td>
<td>+47.7%</td>
<td>9,520 (78)</td>
<td>460,366 (140)</td>
</tr>
<tr>
<td>DIAGNOSTIC TEST POSITIVITY RATE</td>
<td>2.8%</td>
<td>+0.6%*</td>
<td>6.0%</td>
<td>9.1%</td>
</tr>
<tr>
<td>TOTAL DIAGNOSTIC TESTS (TESTS PER 100,000)</td>
<td>29,651 (3,891)</td>
<td>+10.1%</td>
<td>182,910 (1,492)</td>
<td>4,940,998 (1,505)</td>
</tr>
<tr>
<td>COVID DEATHS (RATE PER 100,000)</td>
<td>5 (1)</td>
<td>+0.0%</td>
<td>81 (1)</td>
<td>5,122 (2)</td>
</tr>
<tr>
<td>SNFs WITH AT LEAST ONE COVID-19 CASE</td>
<td>2.5%</td>
<td>+0.0%</td>
<td>4.5%</td>
<td>10.0%</td>
</tr>
</tbody>
</table>

* 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

<table>
<thead>
<tr>
<th>METRO AREA (CBSA) LAST WEEK</th>
<th>0</th>
<th>N/A</th>
</tr>
</thead>
<tbody>
<tr>
<td>COUNTY LAST WEEK</td>
<td>2</td>
<td>Cavalier, Dunn</td>
</tr>
</tbody>
</table>

### LOCALITIES IN YELLOW ZONE

<table>
<thead>
<tr>
<th>1</th>
<th>Williston</th>
</tr>
</thead>
<tbody>
<tr>
<td>5</td>
<td>Williams, Walsh, Benson, Towner, Wells</td>
</tr>
</tbody>
</table>

**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**
- 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
STATE REPORT | 07.20.2020

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

DATA SOURCES
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

WEIGHTLY % CHANGE IN NEW CASES PER 100K

WEIGHTLY 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
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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

**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)

<table>
<thead>
<tr>
<th>Metric</th>
<th>Green</th>
<th>Yellow</th>
<th>Red</th>
</tr>
</thead>
<tbody>
<tr>
<td>New cases per 100,000 population per week</td>
<td>&lt;10</td>
<td>10-100</td>
<td>&gt;100</td>
</tr>
<tr>
<td>Percent change in new cases per 100,000 population</td>
<td>&lt;-10%</td>
<td>-10% - 10%</td>
<td>&gt;10%</td>
</tr>
<tr>
<td>Diagnostic test result positivity rate</td>
<td>&lt;5%</td>
<td>5% -10%</td>
<td>&gt;10%</td>
</tr>
<tr>
<td>Change in test positivity</td>
<td>&lt;-0.5%</td>
<td>-0.5% -0.5%</td>
<td>&gt;0.5%</td>
</tr>
<tr>
<td>Total diagnostic tests resulted per 100,000 population per week</td>
<td>&gt;1000</td>
<td>500 -1000</td>
<td>&lt;500</td>
</tr>
<tr>
<td>Percent change in tests per 100,000 population</td>
<td>&gt;10%</td>
<td>-10% - 10%</td>
<td>&lt;-10%</td>
</tr>
<tr>
<td>COVID-19 deaths per 100,000 population per week</td>
<td>&lt;0.5</td>
<td>0.5 -2</td>
<td>&gt;2</td>
</tr>
<tr>
<td>Percent change in deaths per 100,000 population</td>
<td>&lt;-10%</td>
<td>-10% - 10%</td>
<td>&gt;10%</td>
</tr>
<tr>
<td>Skilled Nursing Facilities with at least one COVID-19 case</td>
<td>0%</td>
<td>0.1% -5%</td>
<td>&gt;5%</td>
</tr>
<tr>
<td>Change in SNFs with at least one COVID-19 case</td>
<td>&lt;-0.5%</td>
<td>-0.5% -0.5%</td>
<td>&gt;0.5%</td>
</tr>
</tbody>
</table>

**DATA NOTES**

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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.
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.
## OHIO

**STATE REPORT | 07.19.2020**

<table>
<thead>
<tr>
<th></th>
<th>STATE, LAST WEEK</th>
<th>STATE, % CHANGE FROM PREVIOUS WEEK</th>
<th>FEMA/HHS REGION, LAST WEEK</th>
<th>UNITED STATES, LAST WEEK</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>NEW CASES</strong> (RATE PER 100,000)</td>
<td>9,426 (81)</td>
<td>+24.1%</td>
<td>36,439 (69)</td>
<td>460,366 (140)</td>
</tr>
<tr>
<td><strong>DIAGNOSTIC TEST POSITIVITY RATE</strong></td>
<td>6.3%</td>
<td>+0.4%*</td>
<td>5.0%</td>
<td>9.1%</td>
</tr>
<tr>
<td><strong>TOTAL DIAGNOSTIC TESTS</strong> (TESTS PER 100,000)</td>
<td>155,227 (1,328)</td>
<td>+19.8%</td>
<td>883,705 (1,682)</td>
<td>4,940,998 (1,505)</td>
</tr>
<tr>
<td><strong>COVID DEATHS</strong> (RATE PER 100,000)</td>
<td>82 (1)</td>
<td>-35.4%</td>
<td>401 (1)</td>
<td>5,122 (2)</td>
</tr>
<tr>
<td><strong>SNFs WITH AT LEAST ONE COVID-19 CASE</strong></td>
<td>6.5%</td>
<td>+0.0%</td>
<td>7.0%</td>
<td>10.0%</td>
</tr>
</tbody>
</table>

* 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.

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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.
## Localities in Red Zone

<table>
<thead>
<tr>
<th>Metro Area (CBSA)</th>
<th>Localities</th>
</tr>
</thead>
<tbody>
<tr>
<td>LAST WEEK</td>
<td>0</td>
</tr>
<tr>
<td>N/A</td>
<td></td>
</tr>
</tbody>
</table>

## Localities in Yellow Zone

<table>
<thead>
<tr>
<th>County</th>
<th>Localities</th>
</tr>
</thead>
<tbody>
<tr>
<td>LAST WEEK</td>
<td>0</td>
</tr>
<tr>
<td>N/A</td>
<td></td>
</tr>
</tbody>
</table>

### Top 12 Shown (full list below)

**Ohio Localities in Red Zone**
- Columbus
- Cleveland-Elyria
- Cincinnati
- Dayton-Kettering
- Toledo
- Akron
- Canton-Massillon
- Salem
- Athens
- New Philadelphia-Dover
- Norwalk
- Mansfield

**Ohio Localities in Yellow Zone**
- 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

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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
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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.

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

DATA SOURCES
OHIO 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)

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<tr>
<th>Metric</th>
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<th>Yellow</th>
<th>Red</th>
</tr>
</thead>
<tbody>
<tr>
<td>New cases per 100,000 population per week</td>
<td>&lt;10</td>
<td>10-100</td>
<td>&gt;100</td>
</tr>
<tr>
<td>Percent change in new cases per 100,000 population</td>
<td>&lt;10%</td>
<td>-10% -10%</td>
<td>&gt;10%</td>
</tr>
<tr>
<td>Diagnostic test result positivity rate</td>
<td>&lt;5%</td>
<td>5%-10%</td>
<td>&gt;10%</td>
</tr>
<tr>
<td>Change in test positivity</td>
<td>&lt;0.5%</td>
<td>-0.5%-0.5%</td>
<td>&gt;0.5%</td>
</tr>
<tr>
<td>Total diagnostic tests resulted per 100,000 population per week</td>
<td>&gt;1000</td>
<td>500-1000</td>
<td>&lt;500</td>
</tr>
<tr>
<td>Percent change in tests per 100,000 population</td>
<td>&lt;10%</td>
<td>-10% -10%</td>
<td>&lt;10%</td>
</tr>
<tr>
<td>COVID-19 deaths per 100,000 population per week</td>
<td>&lt;0.5</td>
<td>0.5-2</td>
<td>&gt;2</td>
</tr>
<tr>
<td>Percent change in deaths per 100,000 population</td>
<td>&lt;10%</td>
<td>-10% -10%</td>
<td>&gt;10%</td>
</tr>
<tr>
<td>Skilled Nursing Facilities with at least one COVID-19 case</td>
<td>0%</td>
<td>0.1%-5%</td>
<td>&gt;5%</td>
</tr>
<tr>
<td>Change in SNFs with at least one COVID-19 case</td>
<td>&lt;0.5%</td>
<td>-0.5%-0.5%</td>
<td>&gt;0.5%</td>
</tr>
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**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 reported 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 data 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.
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.

*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.
## Oklahoma State Report | 07.19.2020

<table>
<thead>
<tr>
<th></th>
<th>State, Last Week</th>
<th>State, % Change from Previous Week</th>
<th>FEMA/HHS Region, Last Week</th>
<th>United States, Last Week</th>
</tr>
</thead>
<tbody>
<tr>
<td>New Cases (Rate per 100,000)</td>
<td>5,050 (128)</td>
<td>+25.5%</td>
<td>98,661 (231)</td>
<td>460,366 (140)</td>
</tr>
<tr>
<td>Diagnostic Test Positivity Rate</td>
<td>9.8%</td>
<td>-0.1%*</td>
<td>16.1%</td>
<td>9.1%</td>
</tr>
<tr>
<td>Total Diagnostic Tests (Tests per 100,000)</td>
<td>26,244 (663)</td>
<td>-6.4%</td>
<td>515,746 (1,207)</td>
<td>4,940,998 (1,505)</td>
</tr>
<tr>
<td>COVID Deaths (Rate per 100,000)</td>
<td>29 (1)</td>
<td>+52.6%</td>
<td>948 (2)</td>
<td>5,122 (2)</td>
</tr>
<tr>
<td>SNFs with at Least One COVID-19 Case</td>
<td>3.5%</td>
<td>+0.6%</td>
<td>14.1%</td>
<td>10.0%</td>
</tr>
</tbody>
</table>

*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

<table>
<thead>
<tr>
<th>METRO AREA (CBSA) (LAST WEEK)</th>
<th>3</th>
</tr>
</thead>
<tbody>
<tr>
<td>Oklahoma City</td>
<td></td>
</tr>
<tr>
<td>Tulsa</td>
<td></td>
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<tr>
<td>Miami</td>
<td></td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>COUNTY LAST WEEK</th>
<th>10</th>
</tr>
</thead>
<tbody>
<tr>
<td>Oklahoma</td>
<td></td>
</tr>
<tr>
<td>Tulsa</td>
<td></td>
</tr>
<tr>
<td>Canadian</td>
<td></td>
</tr>
<tr>
<td>McCurtain</td>
<td></td>
</tr>
<tr>
<td>Rogers</td>
<td></td>
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<tr>
<td>Wagoner</td>
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<tr>
<td>Ottawa</td>
<td></td>
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<tr>
<td>Okmulgee</td>
<td></td>
</tr>
<tr>
<td>Adair</td>
<td></td>
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<tr>
<td>Pushmataha</td>
<td></td>
</tr>
</tbody>
</table>

### LOCALITIES IN YELLOW ZONE

<table>
<thead>
<tr>
<th>15 Top 12 shown (full list below)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lawton</td>
</tr>
<tr>
<td>Stillwater</td>
</tr>
<tr>
<td>Ardmore</td>
</tr>
<tr>
<td>Durant</td>
</tr>
<tr>
<td>Muskogee</td>
</tr>
<tr>
<td>Altus</td>
</tr>
<tr>
<td>Shawnee</td>
</tr>
<tr>
<td>Tahlequah</td>
</tr>
<tr>
<td>Duncan</td>
</tr>
<tr>
<td>Ponca City</td>
</tr>
<tr>
<td>Fort Smith</td>
</tr>
<tr>
<td>Weatherford</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
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</tr>
</thead>
<tbody>
<tr>
<td>Cleveland</td>
</tr>
<tr>
<td>Comanche</td>
</tr>
<tr>
<td>Payne</td>
</tr>
<tr>
<td>Delaware</td>
</tr>
<tr>
<td>McClain</td>
</tr>
<tr>
<td>Bryan</td>
</tr>
<tr>
<td>Muskogee</td>
</tr>
<tr>
<td>Jackson</td>
</tr>
<tr>
<td>Carter</td>
</tr>
<tr>
<td>Creek</td>
</tr>
<tr>
<td>Pottawatomie</td>
</tr>
<tr>
<td>Garvin</td>
</tr>
</tbody>
</table>

**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

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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
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• Close bars and gyms, and create outdoor dining opportunities with pedestrian areas
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OKLAHOMA
STATE REPORT | 07.19.2020

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OKLAHOMA
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CASE RATES AND DIAGNOSTIC TEST POSITIVITY DURING THE LAST WEEK

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National Picture

NEW CASES PER 100,000 LAST WEEK

TEST POSITIVITY LAST WEEK

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<tr>
<td>Diagnostic test result positivity rate</td>
<td>&lt;5%</td>
<td>5%-10%</td>
<td>&gt;10%</td>
</tr>
<tr>
<td>Change in test positivity</td>
<td>&lt;-0.5%</td>
<td>-0.5%-0.5%</td>
<td>&gt;0.5%</td>
</tr>
<tr>
<td>Total diagnostic tests resulted per 100,000 population per week</td>
<td>&gt;1000</td>
<td>500-1000</td>
<td>&lt;500</td>
</tr>
<tr>
<td>Percent change in tests per 100,000 population</td>
<td>&gt;10%</td>
<td>-10% - 10%</td>
<td>&lt;-10%</td>
</tr>
<tr>
<td>COVID-19 deaths per 100,000 population per week</td>
<td>&lt;0.5</td>
<td>0.5-2</td>
<td>&gt;2</td>
</tr>
<tr>
<td>Percent change in deaths per 100,000 population</td>
<td>&lt;-10%</td>
<td>-10% - 10%</td>
<td>&gt;10%</td>
</tr>
<tr>
<td>Skilled Nursing Facilities with at least one COVID-19 case</td>
<td>0%</td>
<td>0.1%-5%</td>
<td>&gt;5%</td>
</tr>
<tr>
<td>Change in SNFs with at least one COVID-19 case</td>
<td>&lt;-0.5%</td>
<td>-0.5%-0.5%</td>
<td>&gt;0.5%</td>
</tr>
</tbody>
</table>

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 reported 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 data 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.
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 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

- 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.

* 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.
# OREGON
## STATE REPORT | 07.19.2020

<table>
<thead>
<tr>
<th></th>
<th>STATE, LAST WEEK</th>
<th>STATE, % CHANGE FROM PREVIOUS WEEK</th>
<th>FEMA/HHS REGION, LAST WEEK</th>
<th>UNITED STATES, LAST WEEK</th>
</tr>
</thead>
<tbody>
<tr>
<td>NEW CASES (RATE PER 100,000)</td>
<td>2,344 (56)</td>
<td>+28.6%</td>
<td>12,456 (87)</td>
<td>460,366 (140)</td>
</tr>
<tr>
<td>DIAGNOSTIC TEST POSITIVITY RATE</td>
<td>5.0%</td>
<td>-0.1%*</td>
<td>10.0%</td>
<td>9.1%</td>
</tr>
<tr>
<td>TOTAL DIAGNOSTIC TESTS (TESTS PER 100,000)</td>
<td>63,790 (1,512)</td>
<td>+21.2%</td>
<td>176,868 (1,232)</td>
<td>4,940,998 (1,505)</td>
</tr>
<tr>
<td>COVID DEATHS (RATE PER 100,000)</td>
<td>22 (1)</td>
<td>-4.3%</td>
<td>83 (1)</td>
<td>5,122 (2)</td>
</tr>
<tr>
<td>SNFs WITH AT LEAST ONE COVID-19 CASE</td>
<td>2.4%</td>
<td>-0.2%</td>
<td>5.3%</td>
<td>10.0%</td>
</tr>
</tbody>
</table>

* 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.
# OREGON
STATE REPORT | 07.19.2020

## Localities in Red Zone

<table>
<thead>
<tr>
<th>Metro Area (CBSA) Last Week</th>
<th>Localities</th>
</tr>
</thead>
<tbody>
<tr>
<td>2</td>
<td>Hermiston-Pendleton Ontario</td>
</tr>
</tbody>
</table>

## Localities in Yellow Zone

<table>
<thead>
<tr>
<th>County Last Week</th>
<th>Localities</th>
</tr>
</thead>
<tbody>
<tr>
<td>3</td>
<td>Salem La Grande Hood River</td>
</tr>
<tr>
<td></td>
<td>Multnomah Washington Marion Jefferson Union Hood River Gilliam</td>
</tr>
</tbody>
</table>

---

**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
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.

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

DATA SOURCES
OREGON
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)

<table>
<thead>
<tr>
<th>Metric</th>
<th>Green</th>
<th>Yellow</th>
<th>Red</th>
</tr>
</thead>
<tbody>
<tr>
<td>New cases per 100,000 population per week</td>
<td>&lt;10</td>
<td>10-100</td>
<td>&gt;100</td>
</tr>
<tr>
<td>Percent change in new cases per 100,000 population</td>
<td>-10%</td>
<td>-10% - 10%</td>
<td>&gt;10%</td>
</tr>
<tr>
<td>Diagnostic test result positivity rate</td>
<td>&lt;5%</td>
<td>5%-10%</td>
<td>&gt;10%</td>
</tr>
<tr>
<td>Change in test positivity</td>
<td>&lt;0.5%</td>
<td>0.5%-5%</td>
<td>&gt;0.5%</td>
</tr>
<tr>
<td>Total diagnostic tests resulted per 100,000 population per week</td>
<td>&gt;1000</td>
<td>500-1000</td>
<td>&lt;500</td>
</tr>
<tr>
<td>Percent change in tests per 100,000 population</td>
<td>&gt;10%</td>
<td>-10% - 10%</td>
<td>-10%</td>
</tr>
<tr>
<td>COVID-19 deaths per 100,000 population per week</td>
<td>&lt;0.5</td>
<td>0.5-2</td>
<td>&gt;2</td>
</tr>
<tr>
<td>Percent change in deaths per 100,000 population</td>
<td>-10%</td>
<td>-10% - 10%</td>
<td>&gt;10%</td>
</tr>
<tr>
<td>Skilled Nursing Facilities with at least one COVID-19 case</td>
<td>0%</td>
<td>0.1%-5%</td>
<td>&gt;5%</td>
</tr>
<tr>
<td>Change in SNFs with at least one COVID-19 case</td>
<td>&lt;0.5%</td>
<td>0.5%-0.5%</td>
<td>&gt;0.5%</td>
</tr>
</tbody>
</table>

### 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.

- **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.
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.
# PENNSYLVANIA

## STATE REPORT | 07.19.2020

<table>
<thead>
<tr>
<th></th>
<th>STATE, LAST WEEK</th>
<th>STATE, % CHANGE FROM PREVIOUS WEEK</th>
<th>FEMA/HHS REGION, LAST WEEK</th>
<th>UNITED STATES, LAST WEEK</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>NEW CASES</strong> (RATE PER 100,000)</td>
<td>5,601 (44)</td>
<td>+9.0%</td>
<td>19,501 (63)</td>
<td>460,366 (140)</td>
</tr>
<tr>
<td><strong>DIAGNOSTIC TEST POSITIVITY RATE</strong></td>
<td>4.8%</td>
<td>+0.0%*</td>
<td>6.8%</td>
<td>9.1%</td>
</tr>
<tr>
<td><strong>TOTAL DIAGNOSTIC TESTS</strong> (TESTS PER 100,000)</td>
<td>147,887 (1,155)</td>
<td>+8.6%</td>
<td>459,561 (1,489)</td>
<td>4,940,998 (1,505)</td>
</tr>
<tr>
<td><strong>COVID DEATHS</strong> (RATE PER 100,000)</td>
<td>112 (1)</td>
<td>-17.0%</td>
<td>234 (1)</td>
<td>5,122 (2)</td>
</tr>
<tr>
<td><strong>SNFs WITH AT LEAST ONE COVID-19 CASE</strong></td>
<td>9.4%</td>
<td>-0.8%</td>
<td>8.2%</td>
<td>10.0%</td>
</tr>
</tbody>
</table>

* 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.
## Pennsylvania State Report | 07.19.2020

### Localities in Red Zone

<table>
<thead>
<tr>
<th>Metro Area (CBSA) Last Week</th>
<th>0</th>
<th>N/A</th>
</tr>
</thead>
</table>

### Localities in Yellow Zone

<table>
<thead>
<tr>
<th>15 Top 12 shown (full list below)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pittsburgh</td>
</tr>
<tr>
<td>York-Hanover</td>
</tr>
<tr>
<td>Lebanon</td>
</tr>
<tr>
<td>New Castle</td>
</tr>
<tr>
<td>Indiana</td>
</tr>
<tr>
<td>Allegheny</td>
</tr>
<tr>
<td>Philadelphia</td>
</tr>
<tr>
<td>Chester</td>
</tr>
<tr>
<td>York</td>
</tr>
<tr>
<td>Westmoreland</td>
</tr>
<tr>
<td>Dauphin</td>
</tr>
<tr>
<td>Washington</td>
</tr>
<tr>
<td>Beaver</td>
</tr>
<tr>
<td>Lebanon</td>
</tr>
<tr>
<td>Fayette</td>
</tr>
<tr>
<td>Lawrence</td>
</tr>
<tr>
<td>Mercer</td>
</tr>
</tbody>
</table>

### 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.

**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 settings 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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- **Surveillance pooling:** For family and cohabitating households, screen entire households in a single test by pooling specimens of all members into single collection device
PENNSYLVANIA
STATE REPORT | 07.19.2020

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

DATA SOURCES
**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**

**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)

<table>
<thead>
<tr>
<th>Metric</th>
<th>Green</th>
<th>Yellow</th>
<th>Red</th>
</tr>
</thead>
<tbody>
<tr>
<td>New cases per 100,000 population per week</td>
<td>&lt;10</td>
<td>10-100</td>
<td>&gt;100</td>
</tr>
<tr>
<td>Percent change in new cases per 100,000 population</td>
<td>-10%</td>
<td>-10% - 10%</td>
<td>&gt;10%</td>
</tr>
<tr>
<td>Diagnostic test result positivity rate</td>
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<td>5%-10%</td>
<td>&gt;10%</td>
</tr>
<tr>
<td>Change in test positivity</td>
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<td>0.5%-0.5%</td>
<td>&gt;0.5%</td>
</tr>
<tr>
<td>Total diagnostic tests resulted per 100,000 population per week</td>
<td>&gt;1000</td>
<td>500-1000</td>
<td>&lt;500</td>
</tr>
<tr>
<td>Percent change in tests per 100,000 population</td>
<td>&gt;10%</td>
<td>-10% - 10%</td>
<td>&lt;10%</td>
</tr>
<tr>
<td>COVID-19 deaths per 100,000 population per week</td>
<td>&lt;0.5</td>
<td>0.5-2</td>
<td>&gt;2</td>
</tr>
<tr>
<td>Percent change in deaths per 100,000 population</td>
<td>&lt;10%</td>
<td>-10% - 10%</td>
<td>&gt;10%</td>
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<td>0.1%-5%</td>
<td>&gt;5%</td>
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<tr>
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**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.

- **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.
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.
# RHODE ISLAND

**STATE REPORT | 07.19.2020**

<table>
<thead>
<tr>
<th>NEW CASES (RATE PER 100,000)</th>
<th>STATE, LAST WEEK</th>
<th>STATE, % CHANGE FROM PREVIOUS WEEK</th>
<th>FEMA/HHS REGION, LAST WEEK</th>
<th>UNITED STATES, LAST WEEK</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>481 (45)</td>
<td>+49.8%</td>
<td>3,236 (22)</td>
<td>460,366 (140)</td>
</tr>
<tr>
<td>DIAGNOSTIC TEST POSITIVITY RATE</td>
<td>2.7%</td>
<td>+0.7%*</td>
<td>1.7%</td>
<td>9.1%</td>
</tr>
<tr>
<td>TOTAL DIAGNOSTIC TESTS (TESTS PER 100,000)</td>
<td>15,798 (1,491)</td>
<td>+4.6%</td>
<td>184,227 (1,241)</td>
<td>4,940,998 (1,505)</td>
</tr>
<tr>
<td>COVID DEATHS (RATE PER 100,000)</td>
<td>14 (1)</td>
<td>-12.5%</td>
<td>179 (1)</td>
<td>5,122 (2)</td>
</tr>
<tr>
<td>SNFs WITH AT LEAST ONE COVID-19 CASE</td>
<td>7.1%</td>
<td>-0.3%</td>
<td>7.0%</td>
<td>10.0%</td>
</tr>
</tbody>
</table>

* 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.
# RHODE ISLAND

**STATE REPORT | 07.19.2020**

<table>
<thead>
<tr>
<th>LOCALITIES IN RED ZONE</th>
<th>LOCALITIES IN YELLOW ZONE</th>
</tr>
</thead>
<tbody>
<tr>
<td>METRO AREA (CBSA) LAST WEEK</td>
<td>N/A</td>
</tr>
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<td>COUNTY LAST WEEK</td>
<td>0</td>
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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%.

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

Public Messaging
- Wear a mask at all times outside the home and maintain physical distance
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RHODE ISLAND
STATE REPORT | 07.19.2020

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RHODE ISLAND
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

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National Picture

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Methods
STATE REPORT | 07.19.2020

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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: 6 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 submitting 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.
# SOUTH CAROLINA
STATE REPORT | 07.19.2020

<table>
<thead>
<tr>
<th></th>
<th>STATE, LAST WEEK</th>
<th>STATE, % CHANGE FROM PREVIOUS WEEK</th>
<th>FEMA/HHS REGION, LAST WEEK</th>
<th>UNITED STATES, LAST WEEK</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>NEW CASES</strong>&lt;br&gt;(RATE PER 100,000)</td>
<td>13,587 (264)</td>
<td>+25.2%</td>
<td>169,342 (253)</td>
<td>460,366 (140)</td>
</tr>
<tr>
<td><strong>DIAGNOSTIC TEST POSITIVITY RATE</strong></td>
<td>21.5%</td>
<td>+1.2%*</td>
<td>15.5%</td>
<td>9.1%</td>
</tr>
<tr>
<td><strong>TOTAL DIAGNOSTIC TESTS</strong>&lt;br&gt;(TESTS PER 100,000)</td>
<td>64,684 (1,256)</td>
<td>+18.1%</td>
<td>990,405 (1,480)</td>
<td>4,940,998 (1,505)</td>
</tr>
<tr>
<td><strong>COVID DEATHS</strong>&lt;br&gt;(RATE PER 100,000)</td>
<td>157 (3)</td>
<td>+16.3%</td>
<td>1,549 (2)</td>
<td>5,122 (2)</td>
</tr>
<tr>
<td><strong>SNFs WITH AT LEAST ONE COVID-19 CASE</strong></td>
<td>19.8%</td>
<td>-2.1%</td>
<td>14.2%</td>
<td>10.0%</td>
</tr>
</tbody>
</table>

* 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 CAROLINA

## STATE REPORT | 07.19.2020

### LOCALITIES IN RED ZONE

<table>
<thead>
<tr>
<th>Charleston-North Charleston</th>
<th>Greenville-Anderson</th>
<th>Columbia</th>
<th>Myrtle Beach-Conway-North Myrtle Beach</th>
<th>Charlotte-Concord-Gastonia</th>
<th>Hilton Head Island-Bluffton</th>
<th>Spartanburg</th>
<th>Florence</th>
<th>Sumter</th>
<th>Orangeburg</th>
<th>Augusta-Richmond County</th>
<th>Georgetown</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>17</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Top 12 shown (full list below)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
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<td></td>
<td></td>
</tr>
</tbody>
</table>

### LOCALITIES IN YELLOW ZONE

<table>
<thead>
<tr>
<th>Bennettsville</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>1</strong></td>
</tr>
</tbody>
</table>

### METRO AREA (CBSA) LAST WEEK

- 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

### COUNTY LAST WEEK

- Charleston
- Horry
- Greenville
- Richland
- Berkeley
- Lexington
- Spartanburg
- Dorchester
- Beaufort
- York
- Florence
- Orangeburg

### 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

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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
SOUTH CAROLINA
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NEW CASES

COVID-19 CASES

- Orange line: Daily COVID-19 Cases (7-day average)
- Blue line: Daily COVID-19 Cases

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

TESTING

COVID-19 TESTS

- Blue line: Daily Tests Completed (7 day avg.)
- Orange line: % Positivity Rate (by result date 7 day avg.)

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.

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

DATA SOURCES
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)

<table>
<thead>
<tr>
<th>Metric</th>
<th>Green</th>
<th>Yellow</th>
<th>Red</th>
</tr>
</thead>
<tbody>
<tr>
<td>New cases per 100,000 population per week</td>
<td>&lt;10</td>
<td>10-100</td>
<td>&gt;100</td>
</tr>
<tr>
<td>Percent change in new cases per 100,000 population</td>
<td>-10%</td>
<td>-10% - 10%</td>
<td>&gt;10%</td>
</tr>
<tr>
<td>Diagnostic test result positivity rate</td>
<td>&lt;5%</td>
<td>5% - 10%</td>
<td>&gt;10%</td>
</tr>
<tr>
<td>Change in test positivity</td>
<td>&lt;0.5%</td>
<td>0.5% - 10%</td>
<td>&gt;0.5%</td>
</tr>
<tr>
<td>Total diagnostic tests resulted per 100,000 population per week</td>
<td>&gt;1000</td>
<td>500-1000</td>
<td>&lt;500</td>
</tr>
<tr>
<td>Percent change in tests per 100,000 population</td>
<td>&gt;10%</td>
<td>-10% - 10%</td>
<td>&lt;10%</td>
</tr>
<tr>
<td>COVID-19 deaths per 100,000 population per week</td>
<td>&lt;0.5</td>
<td>0.5 - 2</td>
<td>&gt;2</td>
</tr>
<tr>
<td>Percent change in deaths per 100,000 population</td>
<td>&lt;10%</td>
<td>-10% - 10%</td>
<td>&gt;10%</td>
</tr>
<tr>
<td>Skilled Nursing Facilities with at least one COVID-19 case</td>
<td>0%</td>
<td>0.1% - 5%</td>
<td>&gt;5%</td>
</tr>
<tr>
<td>Change in SNFs with at least one COVID-19 case</td>
<td>&lt;0.5%</td>
<td>0.5% - 0.5%</td>
<td>&gt;0.5%</td>
</tr>
</tbody>
</table>

**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 performed 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.
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 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

- 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](https://www.cdc.gov/coronavirus/2019-ncov/community/index.html).

*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.
# SOUTH DAKOTA

**STATE REPORT | 07.19.2020**

<table>
<thead>
<tr>
<th></th>
<th>STATE, LAST WEEK</th>
<th>STATE, % CHANGE FROM PREVIOUS WEEK</th>
<th>FEMA/HHS REGION, LAST WEEK</th>
<th>UNITED STATES, LAST WEEK</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>NEW CASES</strong></td>
<td>391 (44)</td>
<td>-6.9%</td>
<td>9,520 (78)</td>
<td>460,366 (140)</td>
</tr>
<tr>
<td>(RATE PER 100,000)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>DIAGNOSTIC TEST</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>POSITIVITY RATE</strong></td>
<td>4.0%</td>
<td>-1.0%*</td>
<td>6.0%</td>
<td>9.1%</td>
</tr>
<tr>
<td><strong>TOTAL DIAGNOSTIC TESTS</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>(TESTS PER 100,000)</td>
<td>10,157 (1,148)</td>
<td>+30.4%</td>
<td>182,910 (1,492)</td>
<td>4,940,998 (1,505)</td>
</tr>
<tr>
<td><strong>COVID DEATHS</strong></td>
<td>9 (1)</td>
<td>-18.2%</td>
<td>81 (1)</td>
<td>5,122 (2)</td>
</tr>
<tr>
<td>(RATE PER 100,000)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>SNFs WITH AT LEAST ONE COVID-19 CASE</strong></td>
<td>1.0%</td>
<td>+0.0%</td>
<td>4.5%</td>
<td>10.0%</td>
</tr>
</tbody>
</table>

* 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.
## SOUTH DAKOTA
### STATE REPORT | 07.19.2020

<table>
<thead>
<tr>
<th>LOCALITIES IN RED ZONE</th>
<th>LOCALITIES IN YELLOW ZONE</th>
</tr>
</thead>
<tbody>
<tr>
<td>METRO AREA (CBSA) LAST WEEK</td>
<td>0</td>
</tr>
<tr>
<td>COUNTY LAST WEEK</td>
<td>3</td>
</tr>
</tbody>
</table>

### 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 settings 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
- 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
STATE REPORT | 07.19.2020

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

DATA SOURCES
SOUTH DAKOTA
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)

<table>
<thead>
<tr>
<th>Metric</th>
<th>Green</th>
<th>Yellow</th>
<th>Red</th>
</tr>
</thead>
<tbody>
<tr>
<td>New cases per 100,000 population per week</td>
<td>&lt;10</td>
<td>10-100</td>
<td>&gt;100</td>
</tr>
<tr>
<td>Percent change in new cases per 100,000 population</td>
<td>&lt;10%</td>
<td>-10% - 10%</td>
<td>&gt;10%</td>
</tr>
<tr>
<td>Diagnostic test result positivity rate</td>
<td>&lt;5%</td>
<td>5%-10%</td>
<td>&gt;10%</td>
</tr>
<tr>
<td>Change in test positivity</td>
<td>&lt;0.5%</td>
<td>-0.5%-0.5%</td>
<td>&gt;0.5%</td>
</tr>
<tr>
<td>Total diagnostic tests resulted per 100,000 population per week</td>
<td>&gt;1000</td>
<td>500-1000</td>
<td>&lt;500</td>
</tr>
<tr>
<td>Percent change in tests per 100,000 population</td>
<td>&gt;10%</td>
<td>-10% - 10%</td>
<td>&lt;10%</td>
</tr>
<tr>
<td>COVID-19 deaths per 100,000 population per week</td>
<td>&lt;0.5</td>
<td>0.5-2</td>
<td>&gt;2</td>
</tr>
<tr>
<td>Percent change in deaths per 100,000 population</td>
<td>&lt;10%</td>
<td>-10% - 10%</td>
<td>&gt;10%</td>
</tr>
<tr>
<td>Skilled Nursing Facilities with at least one COVID-19 case</td>
<td>0%</td>
<td>0.1%-5%</td>
<td>&gt;5%</td>
</tr>
<tr>
<td>Change in SNFs with at least one COVID-19 case</td>
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<td>-0.5%-0.5%</td>
<td>&gt;0.5%</td>
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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.
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 facilities. 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.
## TENNESSEE
### STATE REPORT | 07.19.2020

<table>
<thead>
<tr>
<th></th>
<th>STATE, LAST WEEK</th>
<th>STATE, % CHANGE FROM PREVIOUS WEEK</th>
<th>FEMA/HHS REGION, LAST WEEK</th>
<th>UNITED STATES, LAST WEEK</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>NEW CASES (RATE PER 100,000)</strong></td>
<td>13,783 (202)</td>
<td>+31.2%</td>
<td>169,342 (253)</td>
<td>460,366 (140)</td>
</tr>
<tr>
<td><strong>DIAGNOSTIC TEST POSITIVITY RATE</strong></td>
<td>10.0%</td>
<td>+0.1%*</td>
<td>15.5%</td>
<td>9.1%</td>
</tr>
<tr>
<td><strong>TOTAL DIAGNOSTIC TESTS (TESTS PER 100,000)</strong></td>
<td>36,763 (538)</td>
<td>-14.8%</td>
<td>990,405 (1,480)</td>
<td>4,940,998 (1,505)</td>
</tr>
<tr>
<td><strong>COVID DEATHS (RATE PER 100,000)</strong></td>
<td>102 (1)</td>
<td>+15.9%</td>
<td>1,549 (2)</td>
<td>5,122 (2)</td>
</tr>
<tr>
<td><strong>SNFs WITH AT LEAST ONE COVID-19 CASE</strong></td>
<td>6.2%</td>
<td>+0.1%</td>
<td>14.2%</td>
<td>10.0%</td>
</tr>
</tbody>
</table>

* 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

## STATE REPORT | 07.19.2020

### LOCALITIES IN RED ZONE

<table>
<thead>
<tr>
<th>Metro Area (CBSA) Last Week</th>
<th>Localities</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nashville-Davidson--Murfreesboro--Franklin</td>
<td>Davidson, Shelby, Rutherford, Wilson, Bradley, Montgomery, Sevier, Hamblen, Macon, Madison, Hardeman, Bedford, Tipton, Gibson, Lawrence, Cocke, Giles, Haywood, Henderson, Chester, DeKalb, Lincoln, Crockett, Clay</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>County Last Week</th>
<th>Localities</th>
</tr>
</thead>
<tbody>
<tr>
<td>24 Top 12 shown (full list below)</td>
<td>10</td>
</tr>
</tbody>
</table>

### LOCALITIES IN YELLOW ZONE

<table>
<thead>
<tr>
<th>Metro Area (CBSA) Last Week</th>
<th>Localities</th>
</tr>
</thead>
<tbody>
<tr>
<td>Knoxville</td>
<td>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</td>
</tr>
<tr>
<td>Kingsport-Bristol</td>
<td>40</td>
</tr>
<tr>
<td>Dyersburg</td>
<td>10</td>
</tr>
<tr>
<td>Tullahoma-Manchester</td>
<td>Top 12 shown (full list below)</td>
</tr>
<tr>
<td>Athens</td>
<td>10</td>
</tr>
<tr>
<td>Union City</td>
<td>40</td>
</tr>
<tr>
<td>Martin</td>
<td>Top 12 shown (full list below)</td>
</tr>
</tbody>
</table>

**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 settings 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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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

DATA SOURCES
TENNESSEE
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
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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.

SelectSub_000840
Methods

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<td>500-1000</td>
<td>&lt;500</td>
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<td>-10% to 10%</td>
<td>&lt;-10%</td>
</tr>
<tr>
<td>COVID-19 deaths per 100,000 population per week</td>
<td>&lt;0.5</td>
<td>0.5 to 2</td>
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<tr>
<td>Percent change in deaths per 100,000 population</td>
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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 DOJ; 75 to support operations activities from FEMA; 213 to support medical 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 submitting 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.
## Texas State Report | 07.19.2020

<table>
<thead>
<tr>
<th></th>
<th>State, Last Week</th>
<th>State, % Change from Previous Week</th>
<th>FEMA/HHS Region, Last Week</th>
<th>United States, Last Week</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>New Cases (Rate per 100,000)</strong></td>
<td>72,785 (251)</td>
<td>+23.1%</td>
<td>98,661 (231)</td>
<td>460,366 (140)</td>
</tr>
<tr>
<td><strong>Diagnostic Test Positivity Rate</strong></td>
<td>20.5%</td>
<td>-0.3%*</td>
<td>16.1%</td>
<td>9.1%</td>
</tr>
<tr>
<td><strong>Total Diagnostic Tests (Tests per 100,000)</strong></td>
<td>282,947 (976)</td>
<td>-10.1%</td>
<td>515,746 (1,207)</td>
<td>4,940,998 (1,505)</td>
</tr>
<tr>
<td><strong>COVID Deaths (Rate per 100,000)</strong></td>
<td>725 (3)</td>
<td>+45.9%</td>
<td>948 (2)</td>
<td>5,122 (2)</td>
</tr>
<tr>
<td><strong>SNFs with at least one COVID-19 Case</strong></td>
<td>16.0%</td>
<td>+0.0%</td>
<td>14.1%</td>
<td>10.0%</td>
</tr>
</tbody>
</table>

*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.
## LOCALITIES IN RED ZONE

<table>
<thead>
<tr>
<th>Metro Area (CBSA)</th>
<th>Last Week</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dallas-Fort Worth-Arlington</td>
<td>56 (top 12 shown)</td>
</tr>
<tr>
<td>Houston-The Woodlands-Sugar Land</td>
<td>56 (top 12 shown)</td>
</tr>
<tr>
<td>San Antonio-New Braunfels</td>
<td>56 (top 12 shown)</td>
</tr>
<tr>
<td>Austin-Round Rock-Georgetown</td>
<td>56 (top 12 shown)</td>
</tr>
<tr>
<td>McAllen-Edinburg-Mission</td>
<td>56 (top 12 shown)</td>
</tr>
<tr>
<td>Corpus Christi-Edinburg-Mcallen-Mission</td>
<td>56 (top 12 shown)</td>
</tr>
<tr>
<td>El Paso</td>
<td>56 (top 12 shown)</td>
</tr>
<tr>
<td>Beaumont-Port Arthur</td>
<td>56 (top 12 shown)</td>
</tr>
<tr>
<td>Brownsville-Harlingen</td>
<td>56 (top 12 shown)</td>
</tr>
<tr>
<td>Waco</td>
<td>56 (top 12 shown)</td>
</tr>
<tr>
<td>Laredo</td>
<td>56 (top 12 shown)</td>
</tr>
<tr>
<td>Lubbock</td>
<td>56 (top 12 shown)</td>
</tr>
</tbody>
</table>

## LOCALITIES IN YELLOW ZONE

<table>
<thead>
<tr>
<th>Locality</th>
<th>Last Week</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wichita Falls</td>
<td>15 (top 12 shown)</td>
</tr>
<tr>
<td>Sherman-Denison</td>
<td>15 (top 12 shown)</td>
</tr>
<tr>
<td>Brenham</td>
<td>15 (top 12 shown)</td>
</tr>
<tr>
<td>Gainesville</td>
<td>15 (top 12 shown)</td>
</tr>
<tr>
<td>Leveille</td>
<td>15 (top 12 shown)</td>
</tr>
<tr>
<td>Bonham</td>
<td>15 (top 12 shown)</td>
</tr>
<tr>
<td>Pecos</td>
<td>15 (top 12 shown)</td>
</tr>
<tr>
<td>Mineral Wells</td>
<td>15 (top 12 shown)</td>
</tr>
<tr>
<td>Lamesa</td>
<td>15 (top 12 shown)</td>
</tr>
<tr>
<td>Big Spring</td>
<td>15 (top 12 shown)</td>
</tr>
<tr>
<td>Fredericksburg</td>
<td>15 (top 12 shown)</td>
</tr>
<tr>
<td>Dumas</td>
<td>15 (top 12 shown)</td>
</tr>
</tbody>
</table>

## METRO AREA (CBSA)

<table>
<thead>
<tr>
<th>Count</th>
<th>Last Week</th>
</tr>
</thead>
<tbody>
<tr>
<td>144</td>
<td>(top 12 shown)</td>
</tr>
</tbody>
</table>

## COUNTY LAST WEEK

<table>
<thead>
<tr>
<th>Count</th>
<th>Last Week</th>
</tr>
</thead>
<tbody>
<tr>
<td>65</td>
<td>(top 12 shown)</td>
</tr>
</tbody>
</table>

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 care 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 cohabiting 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 cohabiting households, screen entire households in a single test by pooling specimens of all members into single collection device
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
TEXAS
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.
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)

<table>
<thead>
<tr>
<th>Metric</th>
<th>Green</th>
<th>Yellow</th>
<th>Red</th>
</tr>
</thead>
<tbody>
<tr>
<td>New cases per 100,000 population per week</td>
<td>&lt;10</td>
<td>10-100</td>
<td>&gt;100</td>
</tr>
<tr>
<td>Percent change in new cases per 100,000 population</td>
<td>-10%</td>
<td>-10% - 10%</td>
<td>&gt;10%</td>
</tr>
<tr>
<td>Diagnostic test result positivity rate</td>
<td>&lt;5%</td>
<td>5% -10%</td>
<td>&gt;10%</td>
</tr>
<tr>
<td>Change in test positivity</td>
<td>&lt;0.5%</td>
<td>0.5% - 10%</td>
<td>&gt;0.5%</td>
</tr>
<tr>
<td>Total diagnostic tests resulted per 100,000 population per week</td>
<td>&gt;1000</td>
<td>500 -1000</td>
<td>&lt;500</td>
</tr>
<tr>
<td>Percent change in tests per 100,000 population</td>
<td>&gt;10%</td>
<td>10% - 10%</td>
<td>&lt;10%</td>
</tr>
<tr>
<td>COVID-19 deaths per 100,000 population per week</td>
<td>&lt;0.5</td>
<td>0.5 - 2</td>
<td>&gt;2</td>
</tr>
<tr>
<td>Percent change in deaths per 100,000 population</td>
<td>-10%</td>
<td>5% - 10%</td>
<td>&gt;10%</td>
</tr>
<tr>
<td>Skilled Nursing Facilities with at least one COVID-19 case</td>
<td>0%</td>
<td>0.1% - 5%</td>
<td>&gt;5%</td>
</tr>
<tr>
<td>Change in SNFs with at least one COVID-19 case</td>
<td>&lt;0.5%</td>
<td>0.5% - 0.5%</td>
<td>&gt;0.5%</td>
</tr>
</tbody>
</table>

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.
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.
# UTAH

## STATE REPORT | 07.19.2020

<table>
<thead>
<tr>
<th>NEW CASES (RATE PER 100,000)</th>
<th>STATE, LAST WEEK</th>
<th>STATE, % CHANGE FROM PREVIOUS WEEK</th>
<th>FEMA/HHS REGION, LAST WEEK</th>
<th>UNITED STATES, LAST WEEK</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>4,198 (131)</td>
<td>-5.0%</td>
<td>9,520 (78)</td>
<td>460,366 (140)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>DIAGNOSTIC TEST POSITIVITY RATE</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>8.4%</td>
</tr>
<tr>
<td></td>
<td>-0.9%*</td>
</tr>
<tr>
<td></td>
<td>6.0%</td>
</tr>
<tr>
<td></td>
<td>9.1%</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>TOTAL DIAGNOSTIC TESTS (TESTS PER 100,000)</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>66,810 (2,084)</td>
</tr>
<tr>
<td></td>
<td>+14.9%</td>
</tr>
<tr>
<td></td>
<td>182,910 (1,492)</td>
</tr>
<tr>
<td></td>
<td>4,940,998 (1,505)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>COVID DEATHS (RATE PER 100,000)</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>28 (1)</td>
</tr>
<tr>
<td></td>
<td>+7.7%</td>
</tr>
<tr>
<td></td>
<td>81 (1)</td>
</tr>
<tr>
<td></td>
<td>5,122 (2)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>SNFs WITH AT LEAST ONE COVID-19 CASE</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>6.4%</td>
</tr>
<tr>
<td></td>
<td>-0.4%</td>
</tr>
<tr>
<td></td>
<td>4.5%</td>
</tr>
<tr>
<td></td>
<td>10.0%</td>
</tr>
</tbody>
</table>

* Indicates absolute change in percentage points

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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.
**UTAH**

**STATE REPORT | 07.19.2020**

**LOCALITIES IN RED ZONE**

<table>
<thead>
<tr>
<th>METRO AREA (CBSA) LAST WEEK</th>
<th>LOCALITIES IN YELLOW ZONE</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>Salt Lake City</td>
</tr>
<tr>
<td>N/A</td>
<td>Ogden-Clearfield</td>
</tr>
<tr>
<td></td>
<td>Provo-Orem</td>
</tr>
<tr>
<td></td>
<td>St. George</td>
</tr>
<tr>
<td></td>
<td>Logan</td>
</tr>
<tr>
<td></td>
<td>Heber</td>
</tr>
<tr>
<td></td>
<td>Cedar City</td>
</tr>
</tbody>
</table>

**COUNTY LAST WEEK**

| 1                           | Salt Lake                 |
|                            | Utah                      |
|                            | Davis                     |
|                            | Weber                     |
|                            | Washington                |
|                            | Cache                     |
|                            | Tooele                    |
|                            | Iron                      |
|                            | Summit                    |
|                            | Box Elder                 |
|                            | Wasatch                   |
|                            | Millard                   |

**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
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- 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
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.

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

DATA SOURCES
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

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)

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<thead>
<tr>
<th>Metric</th>
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<th>Yellow</th>
<th>Red</th>
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<tbody>
<tr>
<td>New cases per 100,000 population per week</td>
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<td>10-100</td>
<td>&gt;100</td>
</tr>
<tr>
<td>Percent change in new cases per 100,000 population</td>
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<td>-10% - 10%</td>
<td>&gt;10%</td>
</tr>
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<td>Diagnostic test result positivity rate</td>
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<td>5%-10%</td>
<td>&gt;10%</td>
</tr>
<tr>
<td>Change in test positivity</td>
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<td>-0.5%-0.5%</td>
<td>&gt;0.5%</td>
</tr>
<tr>
<td>Total diagnostic tests resulted per 100,000 population per week</td>
<td>&gt;1000</td>
<td>500-1000</td>
<td>&lt;500</td>
</tr>
<tr>
<td>Percent change in tests per 100,000 population</td>
<td>&gt;10%</td>
<td>-10% - 10%</td>
<td>&lt;10%</td>
</tr>
<tr>
<td>COVID-19 deaths per 100,000 population per week</td>
<td>&lt;0.5</td>
<td>0.5-2</td>
<td>&gt;2</td>
</tr>
<tr>
<td>Percent change in deaths per 100,000 population</td>
<td>&lt;10%</td>
<td>-10% - 10%</td>
<td>&gt;10%</td>
</tr>
<tr>
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<td>0.1%-5%</td>
<td>&gt;5%</td>
</tr>
<tr>
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<td>-0.5%-0.5%</td>
<td>&gt;0.5%</td>
</tr>
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</table>

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.

* 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.

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 facilities. We appreciate your continued support in identifying data discrepancies and improving data completeness and sharing across systems. We look forward to your feedback.
### Vermont State Report | 07.19.2020

<table>
<thead>
<tr>
<th>Category</th>
<th>State, Last Week</th>
<th>State, % Change from Previous Week</th>
<th>FEMA/HHS Region, Last Week</th>
<th>United States, Last Week</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>New Cases</strong> (Rate per 100,000)</td>
<td>57 (9)</td>
<td>+39.0%</td>
<td>3,236 (22)</td>
<td>460,366 (140)</td>
</tr>
<tr>
<td><strong>Diagnostic Test Positivity Rate</strong></td>
<td>0.9%</td>
<td>+0.1%*</td>
<td>1.7%</td>
<td>9.1%</td>
</tr>
<tr>
<td><strong>Total Diagnostic Tests</strong> (Tests per 100,000)</td>
<td>11,013 (1,765)</td>
<td>+17.8%</td>
<td>184,227 (1,241)</td>
<td>4,940,998 (1,505)</td>
</tr>
<tr>
<td><strong>COVID Deaths</strong> (Rate per 100,000)</td>
<td>0 (0)</td>
<td>N/A</td>
<td>179 (1)</td>
<td>5,122 (2)</td>
</tr>
<tr>
<td><strong>SNFs with at least one COVID-19 Case</strong></td>
<td>0.0%</td>
<td>+0.0%</td>
<td>7.0%</td>
<td>10.0%</td>
</tr>
</tbody>
</table>

* 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

**STATE REPORT | 07.19.2020**

### LOCALITIES IN RED ZONE

<table>
<thead>
<tr>
<th>METRO AREA (CBSA)</th>
<th>LAST WEEK</th>
<th>LOCALITIES IN YELLOW ZONE</th>
</tr>
</thead>
<tbody>
<tr>
<td>LAST WEEK</td>
<td>0</td>
<td>N/A</td>
</tr>
</tbody>
</table>

### LOCALITIES IN YELLOW ZONE

| COUNTIES LAST WEEK | 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**

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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.

SelectSub_000862
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 settings 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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VERMONT

STATE REPORT | 07.19.2020

NEW CASES

COVID-19 CASES

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

TESTING

COVID-19 TESTS

Daily Tests Completed (7 day avg.) - % Positivity Rate (by result date 7 day avg.)

25.0%
20.0%
15.0%
10.0%
5.0%
0.0%

PERCENTAGE OF TOTAL TESTS

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.

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

DATA SOURCES
VERMONT
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
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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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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 cases 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. *

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.
# VIRGINIA

**STATE REPORT | 07.19.2020**

<table>
<thead>
<tr>
<th></th>
<th>STATE, LAST WEEK</th>
<th>STATE, % CHANGE FROM PREVIOUS WEEK</th>
<th>FEMA/HHS REGION, LAST WEEK</th>
<th>UNITED STATES, LAST WEEK</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>NEW CASES</strong> (RATE PER 100,000)</td>
<td>6,595 (77)</td>
<td>+25.1%</td>
<td>19,501 (63)</td>
<td>460,366 (140)</td>
</tr>
<tr>
<td><strong>DIAGNOSTIC TEST POSITIVITY RATE</strong></td>
<td>10.9%</td>
<td>+1.2%*</td>
<td>6.8%</td>
<td>9.1%</td>
</tr>
<tr>
<td><strong>TOTAL DIAGNOSTIC TESTS</strong> (TESTS PER 100,000)</td>
<td>106,589 (1,249)</td>
<td>+21.3%</td>
<td>459,561 (1,489)</td>
<td>4,940,998 (1,505)</td>
</tr>
<tr>
<td><strong>COVID DEATHS</strong> (RATE PER 100,000)</td>
<td>67 (1)</td>
<td>-43.7%</td>
<td>234 (1)</td>
<td>5,122 (2)</td>
</tr>
<tr>
<td><strong>SNFs WITH AT LEAST ONE COVID-19 CASE</strong></td>
<td>7.3%</td>
<td>+0.1%</td>
<td>8.2%</td>
<td>10.0%</td>
</tr>
</tbody>
</table>

* 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.
VIRGINIA
STATE REPORT | 07.19.2020

LOCALITIES IN
RED ZONE

METRO AREA (CBSA) LAST WEEK

2

Virginia Beach-Norfolk-Newport News
Danville

LOCALITIES IN
YELLOW ZONE

WASHINGTON-ARLINGTON-LEXANDRIA RICHMOND
ROANOKE
CHARLOTTESVILLE
HARRISONBURG
LYNCHBURG
MARTINSVILLE
STAUNTON
KINGSPORT-Bristol
BIG STONE GAP

FAIRFAX
PRINCE WILLIAM
LOUDOUN
CHESTERFIELD
HENRICO
RICHMOND CITY, VA
ARLINGTON
ROANOKE CITY, VA
ALEXANDRIA CITY, VA
ALBEMARLE
HENRY
JAMES CITY

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)

Washington-Arlington-Alexandria
Richmond
Roanoke
Charlottesville
Harrisonburg
Lynchburg
Martinsville
Staunton
Kingsport-Bristol
Big Stone Gap

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, Greensville, Buena Vista 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%.

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
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.

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

DATA SOURCES
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)

<table>
<thead>
<tr>
<th>Metric</th>
<th>Green</th>
<th>Yellow</th>
<th>Red</th>
</tr>
</thead>
<tbody>
<tr>
<td>New cases per 100,000 population per week</td>
<td>&lt;10</td>
<td>10-100</td>
<td>&gt;100</td>
</tr>
<tr>
<td>Percent change in new cases per 100,000 population</td>
<td>&lt;10%</td>
<td>-10% - 10%</td>
<td>&gt;10%</td>
</tr>
<tr>
<td>Diagnostic test result positivity rate</td>
<td>&lt;5%</td>
<td>5% - 10%</td>
<td>&gt;10%</td>
</tr>
<tr>
<td>Change in test positivity</td>
<td>&lt;0.5%</td>
<td>-0.5% - 0.5%</td>
<td>&gt;0.5%</td>
</tr>
<tr>
<td>Total diagnostic tests resulted per 100,000 population per week</td>
<td>&gt;1000</td>
<td>500 - 1000</td>
<td>&lt;500</td>
</tr>
<tr>
<td>Percent change in tests per 100,000 population</td>
<td>&gt;10%</td>
<td>-10% - 10%</td>
<td>&lt;10%</td>
</tr>
<tr>
<td>COVID-19 deaths per 100,000 population per week</td>
<td>&lt;0.5</td>
<td>0.5 - 2</td>
<td>&gt;2</td>
</tr>
<tr>
<td>Percent change in deaths per 100,000 population</td>
<td>&lt;10%</td>
<td>-10% - 10%</td>
<td>&gt;10%</td>
</tr>
<tr>
<td>Skilled Nursing Facilities with at least one COVID-19 case</td>
<td>0%</td>
<td>0.1% - 5%</td>
<td>&gt;5%</td>
</tr>
<tr>
<td>Change in SNFs with at least one COVID-19 case</td>
<td>&lt;0.5%</td>
<td>-0.5% - 0.5%</td>
<td>&gt;0.5%</td>
</tr>
</tbody>
</table>

**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 (NHSH). Quality checks are performed on data submitted to the NHSH. Data that fail these quality checks or appear inconsistent with surveillance protocols may be excluded from analysis. Also note that data presented by NHSH 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.
## Washington State Report | 07.19.2020

<table>
<thead>
<tr>
<th></th>
<th>State, Last Week</th>
<th>State, % Change from Previous Week</th>
<th>FEMA/HHS Region, Last Week</th>
<th>United States, Last Week</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>New Cases</strong> (Rate per 100,000)</td>
<td>5,885 (77)</td>
<td>+35.0%</td>
<td>12,456 (87)</td>
<td>460,366 (140)</td>
</tr>
<tr>
<td><strong>Diagnostic Test Positivity Rate</strong></td>
<td>12.5%</td>
<td>+4.1%*</td>
<td>10.0%</td>
<td>9.1%</td>
</tr>
<tr>
<td><strong>Total Diagnostic Tests</strong> (Tests per 100,000)</td>
<td>57,285 (752)</td>
<td>-26.2%</td>
<td>176,868 (1,232)</td>
<td>4,940,998 (1,505)</td>
</tr>
<tr>
<td><strong>Covid Deaths</strong> (Rate per 100,000)</td>
<td>45 (1)</td>
<td>-2.2%</td>
<td>83 (1)</td>
<td>5,122 (2)</td>
</tr>
<tr>
<td><strong>SNFs with at least one Covid-19 Case</strong></td>
<td>7.8%</td>
<td>+1.1%</td>
<td>5.3%</td>
<td>10.0%</td>
</tr>
</tbody>
</table>

* 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

| METRO AREA (CBSA) LAST WEEK | 5 |  
|-------------------------------|---|---|
| Kennewick-Richland           |   |   
| Yakima                       |   |   
| Moses Lake                   |   |   
| Othello                      |   |   
| Ellensburg                   |   |   

## LOCALITIES IN YELLOW ZONE

<table>
<thead>
<tr>
<th>METRO AREA (CBSA) LAST WEEK</th>
<th>8</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Seattle-Tacoma-Bellevue</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Spokane-Spokane Valley</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Wenatchee</td>
<td></td>
<td></td>
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<tr>
<td>Mount Vernon-Anacortes</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Longview</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Walla Walla</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Centralia</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Aberdeen</td>
<td></td>
<td></td>
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</tbody>
</table>

## LOCALITIES IN RED ZONE

<table>
<thead>
<tr>
<th>COUNTY LAST WEEK</th>
<th>7</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Yakima</td>
<td></td>
<td></td>
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<tr>
<td>Franklin</td>
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<td></td>
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<tr>
<td>Benton</td>
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<tr>
<td>Grant</td>
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<tr>
<td>Okanogan</td>
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<tr>
<td>Adams</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Kittitas</td>
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</table>

## LOCALITIES IN YELLOW ZONE

<table>
<thead>
<tr>
<th>COUNTY LAST WEEK</th>
<th>10</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>King</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Spokane</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Chelan</td>
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<tr>
<td>Skagit</td>
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<tr>
<td>Cowlitz</td>
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<tr>
<td>Walla Walla</td>
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<tr>
<td>Lewis</td>
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</tr>
<tr>
<td>Grays Harbor</td>
<td></td>
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<tr>
<td>Pend Oreille</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Jefferson</td>
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</tr>
</tbody>
</table>

**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
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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
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.

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

DATA SOURCES
WASHINGTON
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.
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)

<table>
<thead>
<tr>
<th>Metric</th>
<th>Green</th>
<th>Yellow</th>
<th>Red</th>
</tr>
</thead>
<tbody>
<tr>
<td>New cases per 100,000 population per week</td>
<td>&lt;10</td>
<td>10-100</td>
<td>&gt;100</td>
</tr>
<tr>
<td>Percent change in new cases per 100,000 population</td>
<td>-10%</td>
<td>-10% - 10%</td>
<td>&gt;10%</td>
</tr>
<tr>
<td>Diagnostic test result positivity rate</td>
<td>&lt;5%</td>
<td>5% - 10%</td>
<td>&gt;10%</td>
</tr>
<tr>
<td>Change in test positivity</td>
<td>&lt;0.5%</td>
<td>0.5% - 10%</td>
<td>&gt;0.5%</td>
</tr>
<tr>
<td>Total diagnostic tests resulted per 100,000 population per week</td>
<td>&gt;1000</td>
<td>500 - 1000</td>
<td>&lt;500</td>
</tr>
<tr>
<td>Percent change in tests per 100,000 population</td>
<td>&gt;10%</td>
<td>-10% - 10%</td>
<td>&lt;10%</td>
</tr>
<tr>
<td>COVID-19 deaths per 100,000 population per week</td>
<td>&lt;0.5</td>
<td>0.5 - 2</td>
<td>&gt;2</td>
</tr>
<tr>
<td>Percent change in deaths per 100,000 population</td>
<td>&lt;10%</td>
<td>-10% - 10%</td>
<td>&gt;10%</td>
</tr>
<tr>
<td>Skilled Nursing Facilities with at least one COVID-19 case</td>
<td>0%</td>
<td>0.1% - 5%</td>
<td>&gt;5%</td>
</tr>
<tr>
<td>Change in SNFs with at least one COVID-19 case</td>
<td>&lt;0.5%</td>
<td>0.5% - 0.5%</td>
<td>&gt;0.5%</td>
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</tbody>
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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 performed 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 (NHHSN). Quality checks are performed on data submitted to the NHHSN. Data that fail these quality checks or appear inconsistent with surveillance protocols may be excluded from analysis. Also note that data presented by NHHSN is more recent than the data publicly posted by CMS. Therefore, data presented may differ slightly from those publicly posted by CMS.
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.
# WEST VIRGINIA

## STATE REPORT | 07.19.2020

<table>
<thead>
<tr>
<th>NEW CASES (RATE PER 100,000)</th>
<th>STATE, LAST WEEK</th>
<th>STATE, % CHANGE FROM PREVIOUS WEEK</th>
<th>FEMA/HHS REGION, LAST WEEK</th>
<th>UNITED STATES, LAST WEEK</th>
</tr>
</thead>
<tbody>
<tr>
<td>896 (50)</td>
<td>-0.6%</td>
<td>19,501 (63)</td>
<td>460,366 (140)</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>DIAGNOSTIC TEST POSITIVITY RATE</th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>4.1%</td>
<td>-0.8%*</td>
<td>6.8%</td>
<td>9.1%</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>TOTAL DIAGNOSTIC TESTS (TESTS PER 100,000)</th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>25,305 (1,412)</td>
<td>+39.9%</td>
<td>459,561 (1,489)</td>
<td>4,940,998 (1,505)</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>COVID DEATHS (RATE PER 100,000)</th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>5 (0)</td>
<td>+150.0%</td>
<td>234 (1)</td>
<td>5,122 (2)</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>SNFs WITH AT LEAST ONE COVID-19 CASE</th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>2.5%</td>
<td>+0.0%</td>
<td>8.2%</td>
<td>10.0%</td>
<td></td>
</tr>
</tbody>
</table>

* 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

METRO AREA (CBSA) LAST WEEK

0

N/A

LOCALITIES IN YELLOW ZONE

COUNTY LAST WEEK

7

Monongalia
Wheeling
Clarksburg
Fairmont
Weirton-Steubenville
Washington-Arlington-Alexandria
Mount Gay-Shamrock

17

Top 12 shown (full list below)

Monongalia
Ohio
Harrison
Marion
Jefferson
Marshall
Wayne
Mingo
Hancock
Brooke
Logan
Mineral

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

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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
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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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WEST VIRGINIA
STATE REPORT | 07.19.2020

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

DATA SOURCES
WEST 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

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Methods

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<td>10-100</td>
<td>&gt;100</td>
</tr>
<tr>
<td>Percent change in new cases per 100,000 population</td>
<td>≤-10%</td>
<td>-10% - 10%</td>
<td>&gt;10%</td>
</tr>
<tr>
<td>Diagnostic test result positivity rate</td>
<td>≤5%</td>
<td>5% - 10%</td>
<td>&gt;10%</td>
</tr>
<tr>
<td>Change in test positivity</td>
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<td>0.5% - 10%</td>
<td>&gt;0.5%</td>
</tr>
<tr>
<td>Total diagnostic tests resulted per 100,000 population per week</td>
<td>&gt;1000</td>
<td>500 - 1000</td>
<td>≤500</td>
</tr>
<tr>
<td>Percent change in tests per 100,000 population</td>
<td>≤10%</td>
<td>10% - 10%</td>
<td>≤-10%</td>
</tr>
<tr>
<td>COVID-19 deaths per 100,000 population per week</td>
<td>≤0.5</td>
<td>0.5 - 2</td>
<td>&gt;2</td>
</tr>
<tr>
<td>Percent change in deaths per 100,000 population</td>
<td>≤-10%</td>
<td>-10% - 10%</td>
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</tr>
<tr>
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- **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.
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.
## WISCONSIN
### STATE REPORT | 07.19.2020

<table>
<thead>
<tr>
<th></th>
<th>STATE, LAST WEEK</th>
<th>STATE, % CHANGE FROM PREVIOUS WEEK</th>
<th>FEMA/HHS REGION, LAST WEEK</th>
<th>UNITED STATES, LAST WEEK</th>
</tr>
</thead>
<tbody>
<tr>
<td>NEW CASES (RATE PER 100,000)</td>
<td>5,757 (99)</td>
<td>+29.8%</td>
<td>36,439 (69)</td>
<td>460,366 (140)</td>
</tr>
<tr>
<td>DIAGNOSTIC TEST POSITIVITY RATE</td>
<td>5.3%</td>
<td>+0.2%*</td>
<td>5.0%</td>
<td>9.1%</td>
</tr>
<tr>
<td>TOTAL DIAGNOSTIC TESTS (TESTS PER 100,000)</td>
<td>140,747 (2,417)</td>
<td>+24.1%</td>
<td>883,705 (1,682)</td>
<td>4,940,998 (1,505)</td>
</tr>
<tr>
<td>COVID DEATHS (RATE PER 100,000)</td>
<td>19 (0)</td>
<td>+5.6%</td>
<td>401 (1)</td>
<td>5,122 (2)</td>
</tr>
<tr>
<td>SNFs WITH AT LEAST ONE COVID-19 CASE</td>
<td>3.8%</td>
<td>+0.4%</td>
<td>7.0%</td>
<td>10.0%</td>
</tr>
</tbody>
</table>

![Mobility Graph](image)

* 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.
## WISCONSIN
### STATE REPORT | 07.19.2020

### LOCALITIES IN RED ZONE

<table>
<thead>
<tr>
<th>METRO AREA (CBSA) LAST WEEK</th>
<th>0</th>
</tr>
</thead>
<tbody>
<tr>
<td>COUNTY LAST WEEK</td>
<td>1 Iron</td>
</tr>
</tbody>
</table>

### LOCALITIES IN YELLOW ZONE

<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>10</td>
<td>23 Top 12 shown (full list below)</td>
</tr>
</tbody>
</table>

**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

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

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

DATA SOURCES
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)

<table>
<thead>
<tr>
<th>Metric</th>
<th>Green</th>
<th>Yellow</th>
<th>Red</th>
</tr>
</thead>
<tbody>
<tr>
<td>New cases per 100,000 population per week</td>
<td>&lt;10</td>
<td>10-100</td>
<td>&gt;100</td>
</tr>
<tr>
<td>Percent change in new cases per 100,000 population</td>
<td>&lt;10%</td>
<td>-10% - 10%</td>
<td>&gt;10%</td>
</tr>
<tr>
<td>Diagnostic test result positivity rate</td>
<td>&lt;5%</td>
<td>5%-10%</td>
<td>&gt;10%</td>
</tr>
<tr>
<td>Change in test positivity</td>
<td>&lt;0.5%</td>
<td>-0.5%-0.5%</td>
<td>&gt;0.5%</td>
</tr>
<tr>
<td>Total diagnostic tests resulted per 100,000 population per week</td>
<td>&gt;1000</td>
<td>500-1000</td>
<td>&lt;500</td>
</tr>
<tr>
<td>Percent change in tests per 100,000 population</td>
<td>&gt;10%</td>
<td>-10% - 10%</td>
<td>&lt;10%</td>
</tr>
<tr>
<td>COVID-19 deaths per 100,000 population per week</td>
<td>&lt;0.5</td>
<td>0.5-2</td>
<td>&gt;2</td>
</tr>
<tr>
<td>Percent change in deaths per 100,000 population</td>
<td>&lt;10%</td>
<td>-10% - 10%</td>
<td>&gt;10%</td>
</tr>
<tr>
<td>Skilled Nursing Facilities with at least one COVID-19 case</td>
<td>0%</td>
<td>0.1%-5%</td>
<td>&gt;5%</td>
</tr>
<tr>
<td>Change in SNFs with at least one COVID-19 case</td>
<td>&lt;0.5%</td>
<td>-0.5%-0.5%</td>
<td>&gt;0.5%</td>
</tr>
</tbody>
</table>

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 performed 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.
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 26 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.
# WYOMING

## STATE REPORT | 07.19.2020

<table>
<thead>
<tr>
<th></th>
<th>STATE, LAST WEEK</th>
<th>STATE, % CHANGE FROM PREVIOUS WEEK</th>
<th>FEMA/HHS REGION, LAST WEEK</th>
<th>UNITED STATES, LAST WEEK</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>NEW CASES</strong> (RATE PER 100,000)</td>
<td>273 (47)</td>
<td>+27.6%</td>
<td>9,520 (78)</td>
<td>460,366 (140)</td>
</tr>
<tr>
<td><strong>DIAGNOSTIC TEST POSITIVITY RATE</strong></td>
<td>3.5%</td>
<td>+0.6%*</td>
<td>6.0%</td>
<td>9.1%</td>
</tr>
<tr>
<td><strong>TOTAL DIAGNOSTIC TESTS</strong> (TESTS PER 100,000)</td>
<td>5,717 (988)</td>
<td>-16.5%</td>
<td>182,910 (1,492)</td>
<td>4,940,998 (1,505)</td>
</tr>
<tr>
<td><strong>COVID DEATHS</strong> (RATE PER 100,000)</td>
<td>3 (1)</td>
<td>+200.0%</td>
<td>81 (1)</td>
<td>5,122 (2)</td>
</tr>
<tr>
<td><strong>SNFs WITH AT LEAST ONE COVID-19 CASE</strong></td>
<td>2.9%</td>
<td>+0.0%</td>
<td>4.5%</td>
<td>10.0%</td>
</tr>
</tbody>
</table>

* 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.
# WYOMING

**STATE REPORT | 07.19.2020**

<table>
<thead>
<tr>
<th>LOCALITIES IN RED ZONE</th>
<th>LOCALITIES IN YELLOW ZONE</th>
</tr>
</thead>
<tbody>
<tr>
<td>METRO AREA (CBSA) LAST WEEK</td>
<td>0</td>
</tr>
<tr>
<td></td>
<td>2</td>
</tr>
<tr>
<td>COUNTY LAST WEEK</td>
<td>0</td>
</tr>
<tr>
<td></td>
<td>4</td>
</tr>
</tbody>
</table>

**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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**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
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COVID-19

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NEW CASES

![Graph showing COVID-19 cases with new cases and daily cases with a 7-day average.]

TESTING

![Graph showing COVID-19 tests with daily tests completed and positivity rate.]

TOP COUNTIES

![Graph showing cumulative new cases in different 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.

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

DATA SOURCES
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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

WEWKLY % 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)

<table>
<thead>
<tr>
<th>Metric</th>
<th>Green</th>
<th>Yellow</th>
<th>Red</th>
</tr>
</thead>
<tbody>
<tr>
<td>New cases per 100,000 population per week</td>
<td>&lt;10</td>
<td>10-100</td>
<td>&gt;100</td>
</tr>
<tr>
<td>Percent change in new cases per 100,000 population</td>
<td>-10%</td>
<td>-10% - 10%</td>
<td>&gt;10%</td>
</tr>
<tr>
<td>Diagnostic test result positivity rate</td>
<td>&lt;5%</td>
<td>5%-10%</td>
<td>&gt;10%</td>
</tr>
<tr>
<td>Change in test positivity</td>
<td>&lt;0.5%</td>
<td>-0.5%-10%</td>
<td>&gt;0.5%</td>
</tr>
<tr>
<td>Total diagnostic tests resulted per 100,000 population per week</td>
<td>&gt;1000</td>
<td>500-1000</td>
<td>&lt;500</td>
</tr>
<tr>
<td>Percent change in tests per 100,000 population</td>
<td>&gt;10%</td>
<td>-10% - 10%</td>
<td>&lt;10%</td>
</tr>
<tr>
<td>COVID-19 deaths per 100,000 population per week</td>
<td>&lt;0.5</td>
<td>0.5-2</td>
<td>&gt;2</td>
</tr>
<tr>
<td>Percent change in deaths per 100,000 population</td>
<td>&lt;10%</td>
<td>-10% - 10%</td>
<td>&gt;10%</td>
</tr>
<tr>
<td>Skilled Nursing Facilities with at least one COVID-19 case</td>
<td>0%</td>
<td>0.1%-5%</td>
<td>&gt;5%</td>
</tr>
<tr>
<td>Change in SNFs with at least one COVID-19 case</td>
<td>&lt;0.5%</td>
<td>-0.5%-0.5%</td>
<td>&gt;0.5%</td>
</tr>
</tbody>
</table>

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.