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.

**SUMMARY**

- Iowa is in the red zone for cases, indicating 101 or more new cases per 100,000 population, with the 3rd highest rate in the country. Iowa is in the red zone for test positivity, indicating a rate at or above 10.1%, with the 3rd highest rate in the country.
- Iowa continues to see increases in new cases and test positivity.
- The following three counties had the highest number of new cases over the last 3 weeks: 1. Polk County, 2. Linn County, and 3. Scott County. These counties represent 26.7% of new cases in Iowa.
- 100% of counties in Iowa have high levels of community transmission (red zone).
- During the week of Nov 2 - Nov 8, 54% had at least one new staff COVID-19 case, 20% of nursing homes had at least one new resident COVID-19 case, and 8% had at least one new resident COVID-19 death.
- Iowa had 991 new cases per 100,000 population, compared to a national average of 294 per 100,000.
- Between Nov 7 - Nov 13, on average, 196 patients with confirmed COVID-19 and 45 patients with suspected COVID-19 were reported as newly admitted each day to hospitals in Iowa. An average of greater than 95% of hospitals reported either new confirmed or new suspected COVID patients each day during this period.

**RECOMMENDATIONS**

- Referring to the national profiles in the back of the packet, there is now aggressive, unrelenting, expanding broad community spread across the country, reaching most counties, without evidence of improvement but rather, further deterioration. Current mitigation efforts are inadequate and must be increased to flatten the curve to sustain the health system for both COVID and non-COVID emergencies.
- The spread in Iowa is exponential and unyielding. The mask requirements in limited settings are a good start for Iowa to slow the spread; however, this recommendation needs to be expanded to all public settings.
- With all counties in the red zone and over 50% of nursing homes with at least one positive staff member, mitigation and messaging needs to be further strengthened. Effective practices to decrease transmission in public spaces include limiting restaurant indoor capacity to less than 25% and limiting bar hours until cases and test positivity decrease to the yellow zone.
- Conduct active testing in school for teachers and students where cases are increasing. In accordance with CDC guidelines, masks must be worn by students and teachers in K-12 schools. Consider pausing extracurricular school activities, even though athletics are not transmission risks, as the surrounding activities are where transmission is occurring.
- We have updated the new hospital admissions graphs to include breakdown by age group. Within the past week, there has been an over 30% increase in new admissions, with most of these in among people over 70 years but across all age groups. Increases in new admissions and changing proportions of age groups will be important to triangulate with cases and percent positivity to increase proactive mitigation efforts.
- Recruit local influencers to message to rural and urban communities basic actions to take now:
  - Do not gather without a mask with individuals living outside of your household.
  - Always wear a mask in public places.
  - Stop gatherings beyond immediate household until cases and test positivity are in the yellow zone.
  - Get your flu shot.
- Target test Iowa in asymptomatic populations where residents are carrying the virus, feel fine, but are unknowingly spreading it to others. Starting testing challenges for under 40 year-olds in communities with the widest spread, incentivizing them to get tested to protect their community.
- On university campuses, students are letting their guards down with Thanksgiving break less than a week away. Message to students to continue their mitigation actions on and off campus to protect others and themselves. If they are going home, they should follow CDC holiday guidelines for protective behaviors.
- Continuously monitor testing and contact tracing capacity in all counties to ensure rapid turnaround of test results (within 48 hours) and that all cases are immediately isolated and full contact tracing is conducted (within 72 hours of testing).
- Stay vigilant with regard to spread among nursing home staff and residents. Ensure all nursing homes, assisted living, and elderly care sites have full testing capacity and are isolating positive staff and residents.
- Ensure all hospitals, including rural hospitals, have access to antivirals, antibodies, PPE, and ventilators. Work through FEMA to secure supplies when stocks of less than a week’s supply is confirmed.
- 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.*
# Iowa State Report | 11.15.2020

<table>
<thead>
<tr>
<th>Metric</th>
<th>State</th>
<th>Week</th>
<th>FEMA/HHS Region</th>
<th>United States</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>NEW COVID-19 CASES</strong>&lt;br&gt;(Rate per 100,000)</td>
<td>31,281&lt;br&gt;(991)</td>
<td>+60%</td>
<td>93,313&lt;br&gt;(660)</td>
<td>965,105&lt;br&gt;(294)</td>
</tr>
<tr>
<td><strong>VIRAL (RT-PCR) LAB TEST POSITIVITY RATE</strong></td>
<td>24.1%</td>
<td>+4.0%*</td>
<td>23.1%</td>
<td>10.1%</td>
</tr>
<tr>
<td><strong>TOTAL VIRAL (RT-PCR) LAB TESTS (Tests per 100,000)</strong></td>
<td>118,881**&lt;br&gt;(3,768**)</td>
<td>+19%**</td>
<td>301,021**&lt;br&gt;(2,129**)</td>
<td>8,782,353**&lt;br&gt;(2,676**)</td>
</tr>
<tr>
<td><strong>COVID-19 DEATHS</strong>&lt;br&gt;(Rate per 100,000)</td>
<td>132&lt;br&gt;(4.2)</td>
<td>+20%</td>
<td>527&lt;br&gt;(3.7)</td>
<td>7,608&lt;br&gt;(2.3)</td>
</tr>
<tr>
<td><strong>SNFs WITH ≥1 NEW RESIDENT COVID-19 CASE</strong></td>
<td>20%</td>
<td>+4%*</td>
<td>24%</td>
<td>17%</td>
</tr>
<tr>
<td><strong>SNFs WITH ≥1 NEW STAFF COVID-19 CASE</strong></td>
<td>54%</td>
<td>+12%*</td>
<td>51%</td>
<td>36%</td>
</tr>
<tr>
<td><strong>SNFs WITH ≥1 NEW RESIDENT COVID-19 DEATH</strong></td>
<td>8%</td>
<td>+3%*</td>
<td>8%</td>
<td>6%</td>
</tr>
</tbody>
</table>

* Indicates absolute change in percentage points.
** Due to delayed reporting, this figure may underestimate total diagnostic tests and week-on-week changes in diagnostic tests.

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

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

**Cases and Deaths:** State values are calculated by aggregating county-level data from USAFacts; therefore, the values may not match those reported directly by the state. Data is through 11/13/2020; previous week is 10/31 - 11/6.


**SNFs:** Skilled nursing facilities. National Healthcare Safety Network. Data are reported separately for cases among residents and staff. Data is through 11/8/2020, previous week is 10/26-11/1. Facilities that are undergoing reporting quality review are not included in the table, but may be included in other NHSN analyses.
IOWA
STATE REPORT | 11.15.2020

DATA SOURCES – Additional data details available under METHODS
Note: Some dates may have incomplete data due to delays in reporting. Data may be backfilled over time, resulting in week-to-week changes.
Cases: State values are calculated by aggregating county-level data from USAFacts; therefore, the values may not match those reported directly by the state. Data is through 11/13/2020.
119 hospitals are expected to report in Iowa

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

**Hospitalizations**: Unified hospitalization dataset in HHS Protect. These data exclude psychiatric, rehabilitation, and religious non-medical hospitals. In addition, hospitals explicitly identified by states/regions as those from which we should not expect reports were excluded from the percent reporting figure.

**PPE**: Unified hospitalization dataset in HHS Protect. These data exclude psychiatric, rehabilitation, and religious non-medical hospitals. In addition, hospitals explicitly identified by states/regions as those from which we should not expect reports were excluded from the percent reporting figure. Values presented show the latest reports from hospitals in the week ending 11/11/2020.
# IOWA

STATE REPORT | 11.15.2020

COVID-19 COUNTY AND METRO ALERTS*
Top 12 shown in table (full lists below)

<table>
<thead>
<tr>
<th>METRO AREA (CBSA)</th>
<th>COUNTIES</th>
</tr>
</thead>
<tbody>
<tr>
<td>Des Moines-West Des Moines</td>
<td>Polk</td>
</tr>
<tr>
<td>Cedar Rapids</td>
<td>Linn</td>
</tr>
<tr>
<td>Waterloo-Cedar Falls</td>
<td>Scott</td>
</tr>
<tr>
<td>Davenport-Moline-Rock Island</td>
<td>Black Hawk</td>
</tr>
<tr>
<td>Iowa City</td>
<td>Dubuque</td>
</tr>
<tr>
<td>Dubuque</td>
<td>Johnson</td>
</tr>
<tr>
<td>Omaha-Council Bluffs</td>
<td>Woodbury</td>
</tr>
<tr>
<td>Sioux City</td>
<td>Dallas</td>
</tr>
<tr>
<td>Ames</td>
<td>Story</td>
</tr>
<tr>
<td>Mason City</td>
<td>Pottawattamie</td>
</tr>
<tr>
<td>Clinton</td>
<td>Jones</td>
</tr>
<tr>
<td>Fort Dodge</td>
<td>Cerro Gordo</td>
</tr>
</tbody>
</table>

## LOCALITIES IN RED ZONE

<table>
<thead>
<tr>
<th>24 (+0)</th>
</tr>
</thead>
</table>

## LOCALITIES IN ORANGE ZONE

<table>
<thead>
<tr>
<th>0 (+0)</th>
</tr>
</thead>
</table>

## LOCALITIES IN YELLOW ZONE

<table>
<thead>
<tr>
<th>0 (+0)</th>
</tr>
</thead>
</table>

### Change from previous week’s alerts:

- ▲ Increase
- ▼ Decrease
- ■ Stable

**All Red CBSAs:** Des Moines-West Des Moines, Cedar Rapids, Waterloo-Cedar Falls, Davenport-Moline-Rock Island, Iowa City, Dubuque, Omaha-Council Bluffs, Sioux City, Ames, Mason City, Clinton, Fort Dodge, Burlington, Marshalltown, Muscatine, Fort Madison-Keokuk, Pella, Carroll, Ottumwa, Storm Lake, Oskaloosa, Spirit Lake, Spencer, Fairfield


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

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

**Cases and Deaths:** State values are calculated by aggregating county-level data from USAFacts; therefore, the values may not match those reported directly by the state. Data is through 11/13/2020.

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

DATA SOURCES – Additional data details available under METHODS
Cases: State values are calculated by aggregating county-level data from USAFacts; therefore, the values may not match those reported directly by the state. Data is through 11/13/2020. Last 3 weeks is 10/24 - 11/13.
IOWA
STATE REPORT | 11.15.2020

CASE RATES AND VIRAL LAB TEST POSITIVITY

NEW CASES PER 100,000

VIRAL (RT-PCR) LABORATORY TEST POSITIVITY

NEW CASES PER 100,000 ONE MONTH BEFORE

VIRAL (RT-PCR) LABORATORY TEST POSITIVITY ONE MONTH BEFORE

DATA SOURCES – Additional data details available under METHODS
Note: Some dates may have incomplete data due to delays in reporting. Data may be backfilled over time, resulting in week-to-week changes. Cases: State values are calculated by aggregating county-level data from USAFacts; therefore, the values may not match those reported directly by the state. Data is through 11/13/2020. The week one month before is 10/10 - 10/16.