



IOWA

SUMMARY

- Iowa is in the red zone for cases, indicating 101 or more new cases per 100,000 population last week, with the 7th highest rate in the country. Iowa is in the orange zone for test positivity, indicating a rate between 8.0% and 10.0%, with the 11th highest rate in the country.
- Iowa has seen stability in new cases and an increase in test positivity over the last week.
- The following three counties had the highest number of new cases over the last 3 weeks: 1. Polk County, 2. Woodbury County, and 3. Dubuque County. These counties represent 24.0% of new cases in Iowa.
- 82% of all counties in Iowa have moderate or high levels of community transmission (yellow, orange, or red zones), with 38% having high levels of community transmission (red zone).
- During the week of Sep 28 - Oct 4, 10% of nursing homes had at least one new resident COVID-19 case, 25% had at least one new staff COVID-19 case, and 3% had at least one new resident COVID-19 death.
- Iowa had 199 new cases per 100,000 population in the last week, compared to a national average of 100 per 100,000.
- Between Oct 3 - Oct 9, on average, 70 patients with confirmed COVID-19 and 32 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

- We have included cases, test positivity, and deaths by month in the back of your packet to show the time sequence in Iowa and the country as a whole. These demonstrate the impact of comprehensive mitigation efforts when implemented effectively and that partial or incomplete mitigation leads to prolonged community spread and increased fatalities.
- Community spread continues in both rural and urban areas of Iowa and it is critical that mitigation efforts increase to include mask wearing, physical distancing, hand hygiene, and avoiding crowds in public and social gatherings in private to stop the increasing spread among residents. Retail establishments can enforce mitigation efforts in all public spaces and set the expectation for all Iowans to do their part to stop the spread, including getting a flu shot.
- There continue to be severe outbreaks among nursing home residents and staff; common sense mitigation efforts can prevent transmission among the vulnerable populations.
- With the rise in cases among individuals 65 years and older, provide information through senior citizen networks to alert them to take precautionary measures.
- Use the Abbott BinaxNOW for surveillance testing in the same populations weekly. This will provide information on local transmission changes. Establish and deploy targeted testing teams (not drive-through testing) who can be rapidly deployed to communities based on signals from surveillance testing. Populations for surveillance can include K-12 teachers, fire and police force, nursing home and correctional facility staff.
- Antivirals and antibodies have the most impact when used early in hospital admissions (within 48 hours). Ensure hospitals are effectively administering these medications to prevent morbidity and mortality.
- Work with university students to keep cases low, with the goal of low transmission in preparation for Thanksgiving. Implement antibody testing to understand fraction of students who have been infected and plan for spring semester accordingly. Test all university students before dismissing them for Thanksgiving.
- Tribal Nations: Increase testing, continue to expand culturally-specific public health education, developed with community leaders, especially as tribal social events pick back up. Conduct prompt contact tracing on all cases and provide housing and supplies to support immediate quarantine of contacts and isolation of cases.
- Specific, detailed guidance on community mitigation measures can be found on the [CDC website](#).



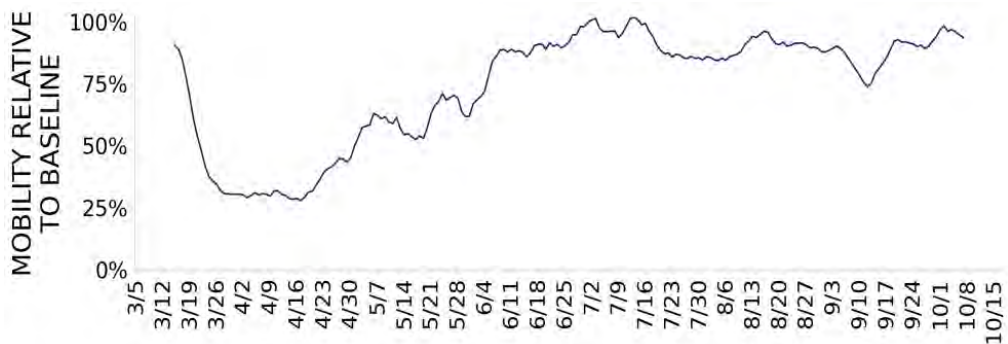


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	STATE, LAST WEEK	STATE, % CHANGE FROM PREVIOUS WEEK	FEMA/HHS REGION, LAST WEEK	UNITED STATES, LAST WEEK
NEW COVID-19 CASES (RATE PER 100,000)	6,291 (199)	+0%	23,915 (169)	327,190 (100)
VIRAL (RT-PCR) LAB TEST POSITIVITY RATE	8.4%	+0.6%*	9.6%	5.8%
TOTAL VIRAL (RT-PCR) LAB TESTS (TESTS PER 100,000)	76,908** (2,438)	-7%**	235,283** (1,664)	6,936,223** (2,113)
COVID-19 DEATHS (RATE PER 100,000)	66 (2.1)	+3%	403 (2.9)	4,908 (1.5)
SNFs WITH ≥1 NEW RESIDENT COVID-19 CASE (≥1 NEW STAFF CASE)	10% (25%)	-1%* (-3%*)	13% (29%)	10% (21%)
SNFs WITH ≥1 NEW RESIDENT COVID-19 DEATH	3%	-2%*	4%	4%

MOBILITY



* Indicates absolute change in percentage points.

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

DATA SOURCES – Additional data details available under METHODS

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

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

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

Mobility: Descartes Labs. This data depicts the median distance moved across a collection of mobile devices to estimate the level of human mobility within a county. The 100% represents the baseline mobility level prior to the pandemic; lower percent mobility indicates less population movement. Data is anonymized and provided at the county level. Data through 10/7/2020.

SNFs: Skilled nursing facilities. National Healthcare Safety Network. Data are reported separately for cases among residents and staff. Last week is 9/28-10/4, previous week is 9/21-9/27.



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COVID-19 COUNTY AND METRO ALERTS*

Top 12 shown in table (full lists below)

METRO AREA (CBSA) LAST WEEK

COUNTY LAST WEEK

LOCALITIES IN RED ZONE	<p>8</p> <p>▲ (+2)</p>	<p>Sioux City Dubuque Omaha-Council Bluffs Carroll Storm Lake Pella Spirit Lake Spencer</p>	<p>38</p> <p>▲ (+8)</p>	<p>Woodbury Dubuque Sioux Pottawattamie Plymouth Delaware Harrison Carroll Lyon Crawford O'Brien Buena Vista</p>
LOCALITIES IN ORANGE ZONE	<p>3</p> <p>■ (+0)</p>	<p>Burlington Oskaloosa Fairfield</p>	<p>15</p> <p>▲ (+2)</p>	<p>Henry Des Moines Jasper Mahaska Winnebago Jones Mills Cass Hardin Union Montgomery Decatur</p>
LOCALITIES IN YELLOW ZONE	<p>10</p> <p>▲ (+1)</p>	<p>Des Moines-West Des Moines Cedar Rapids Davenport-Moline-Rock Island Waterloo-Cedar Falls Ames Clinton Ottumwa Fort Madison-Keokuk Muscatine Marshalltown</p>	<p>28</p> <p>▲ (+2)</p>	<p>Polk Linn Scott Black Hawk Story Dallas Clinton Wapello Lee Kossuth Muscatine Washington</p>
<p>Change from previous week's alerts: ▲ Increase ■ Stable ▼ Decrease</p>				

All Red Counties: Woodbury, Dubuque, Sioux, Pottawattamie, Plymouth, Harrison, Delaware, Carroll, Lyon, Crawford, O'Brien, Buena Vista, Tama, Jackson, Marion, Dickinson, Cherokee, Boone, Clay, Sac, Iowa, Guthrie, Chickasaw, Emmet, Wright, Madison, Osceola, Fremont, Taylor, Ida, Calhoun, Monona, Audubon, Grundy, Butler, Appanoose, Monroe, Adams

All Orange Counties: Henry, Des Moines, Jasper, Mahaska, Winnebago, Jones, Mills, Cass, Hardin, Union, Montgomery, Decatur, Jefferson, Howard, Clarke

All Yellow Counties: Polk, Linn, Scott, Black Hawk, Story, Dallas, Clinton, Wapello, Lee, Kossuth, Muscatine, Washington, Page, Benton, Buchanan, Floyd, Marshall, Palo Alto, Bremer, Clayton, Cedar, Hancock, Greene, Hamilton, Allamakee, Pocahontas, Van Buren, Adair

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

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

DATA SOURCES – Additional data details available under METHODS

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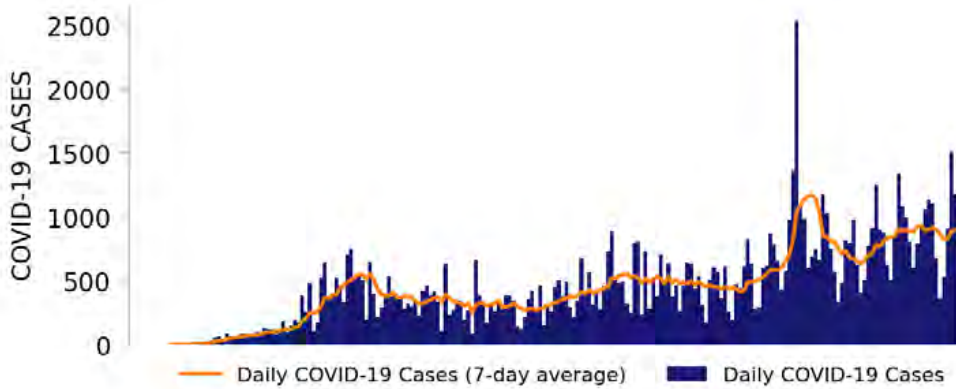
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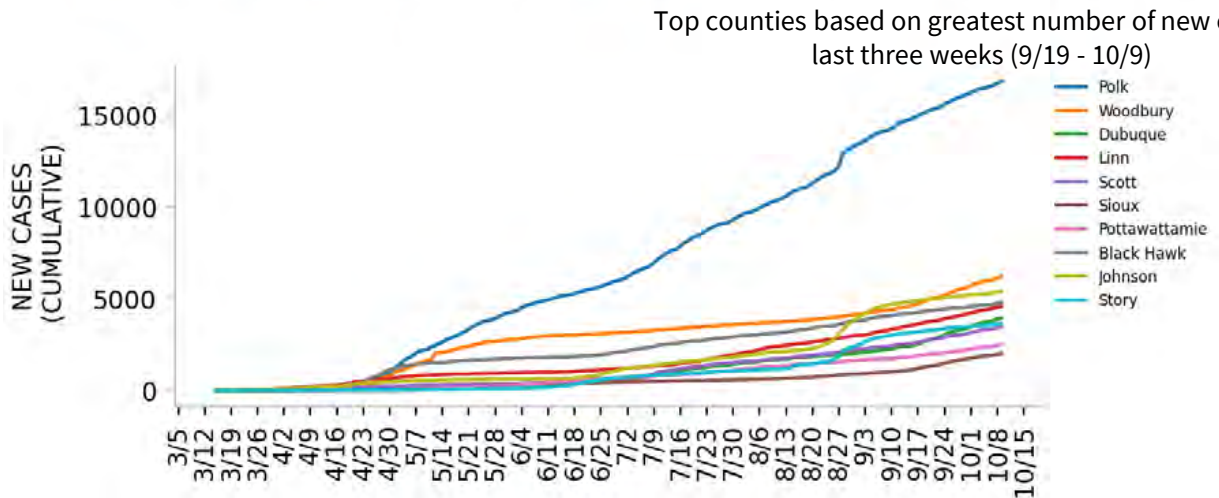
NEW CASES



TESTING



TOP COUNTIES



DATA SOURCES – Additional data details available under METHODS

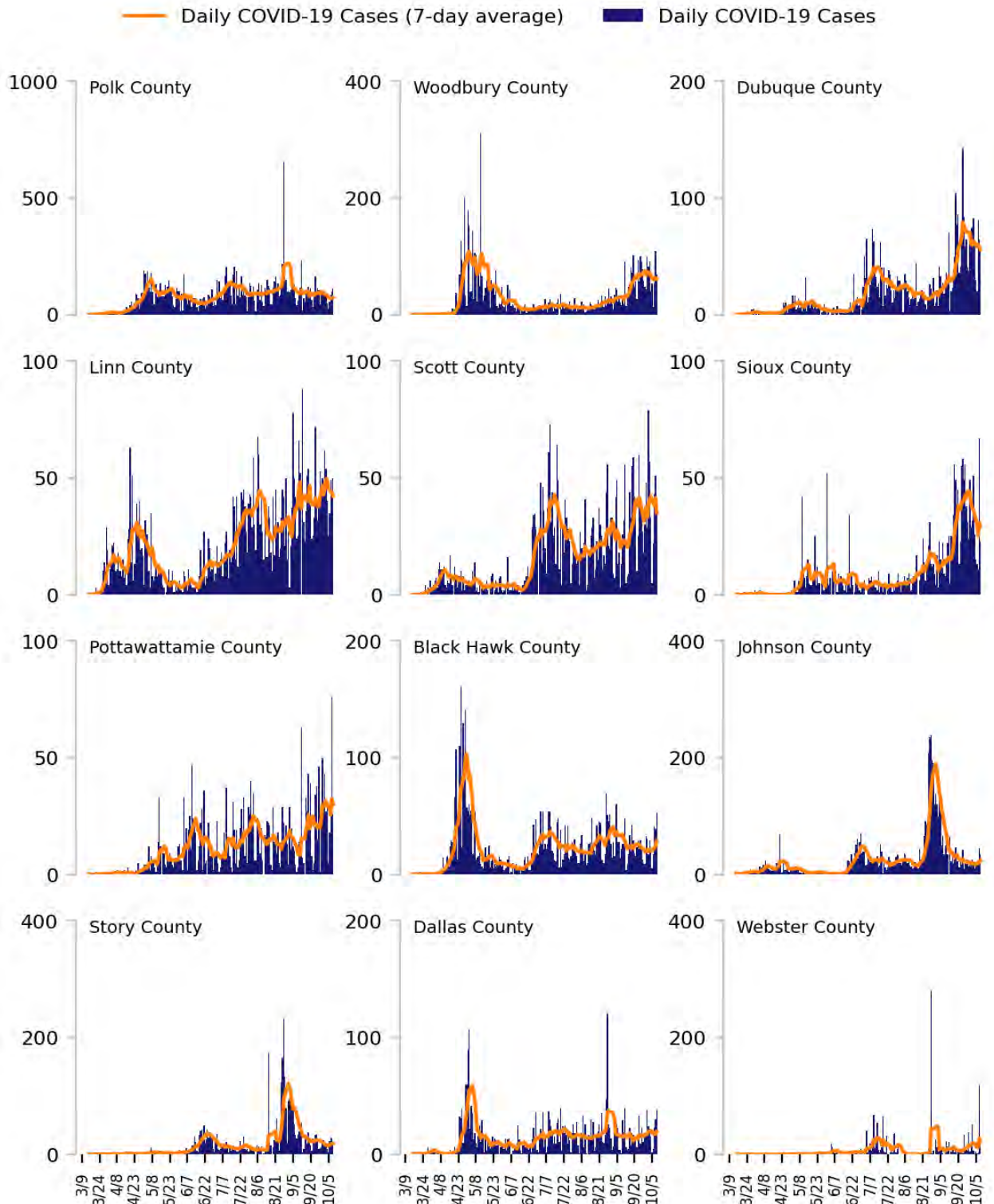
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Top 12 counties based on number of new cases in the last 3 weeks

TOTAL DAILY CASES



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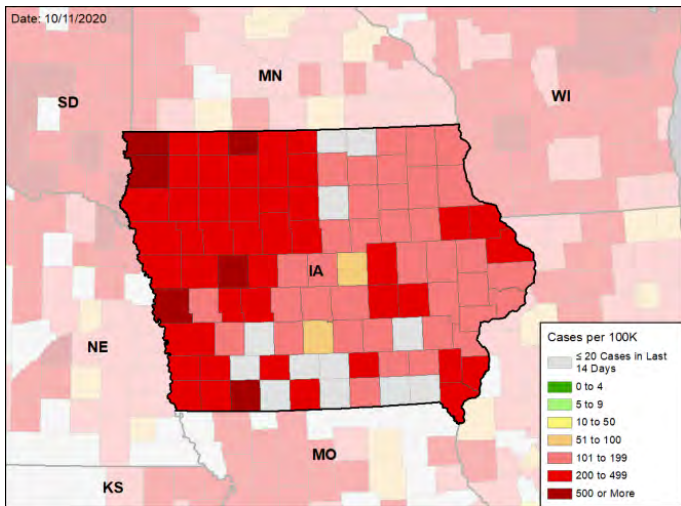


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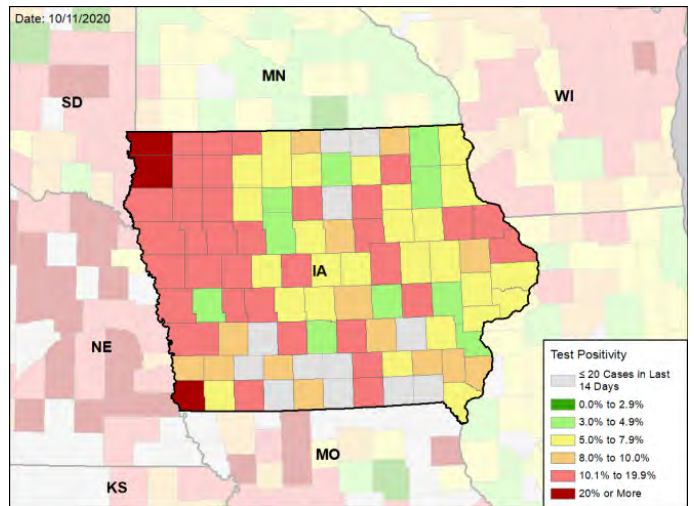
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CASE RATES AND VIRAL LAB TEST POSITIVITY DURING THE LAST WEEK

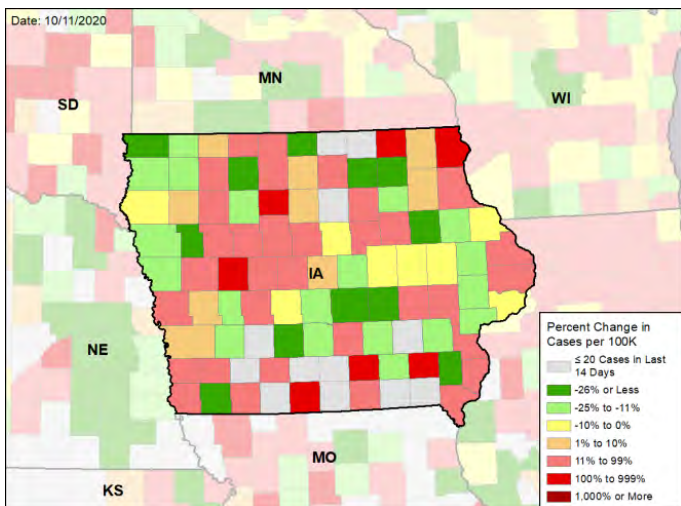
NEW CASES PER 100,000 DURING THE LAST WEEK



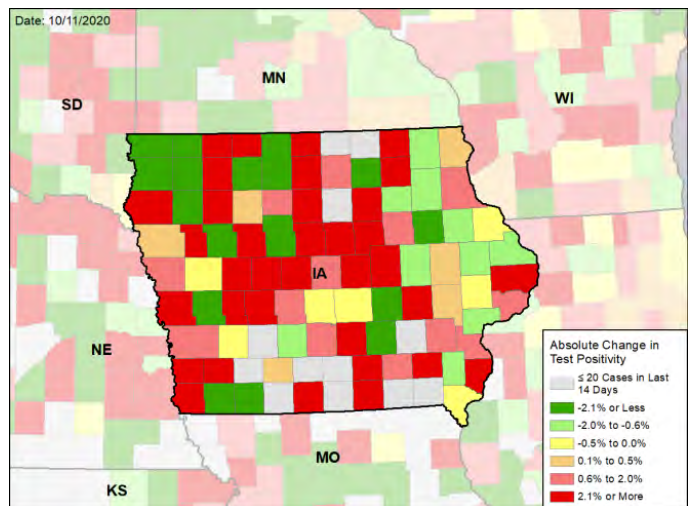
VIRAL (RT-PCR) LABORATORY TEST POSITIVITY DURING THE LAST WEEK



WEEKLY CHANGE IN NEW CASES PER 100,000



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



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