



IOWA

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](#).





IOWA

STATE REPORT | 11.15.2020

STATE, % CHANGE
FROM PREVIOUS

	STATE	WEEK	FEMA/HHS REGION	UNITED STATES
NEW COVID-19 CASES (RATE PER 100,000)	31,281 (991)	+60%	93,313 (660)	965,105 (294)
VIRAL (RT-PCR) LAB TEST POSITIVITY RATE	24.1%	+4.0%*	23.1%	10.1%
TOTAL VIRAL (RT-PCR) LAB TESTS (TESTS PER 100,000)	118,881** (3,768**)	+19%**	301,021** (2,129**)	8,782,353** (2,676**)
COVID-19 DEATHS (RATE PER 100,000)	132 (4.2)	+20%	527 (3.7)	7,608 (2.3)
SNFs WITH ≥1 NEW RESIDENT COVID-19 CASE	20%	+4%*	24%	17%
SNFs WITH ≥1 NEW STAFF COVID-19 CASE	54%	+12%*	51%	36%
SNFs WITH ≥1 NEW RESIDENT COVID-19 DEATH	8%	+3%*	8%	6%

* 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.

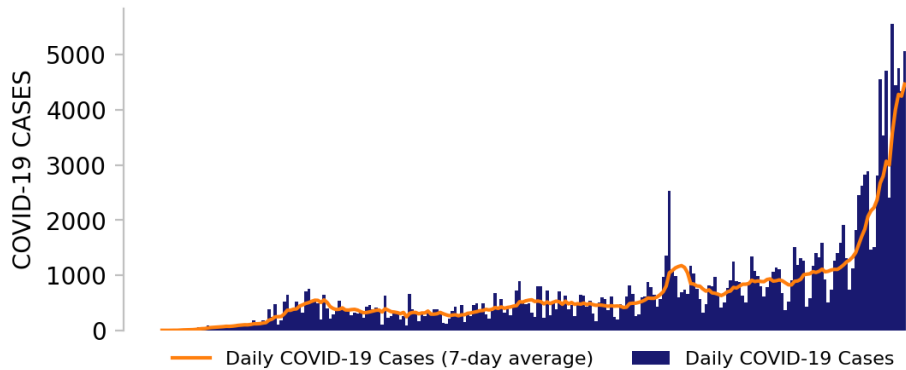
DATA SOURCES – Additional data details available under METHODS**Note:** Some dates may have incomplete data due to delays in reporting. Data may be backfilled over time, resulting in week-to-week changes.**Cases and Deaths:** State values are calculated by aggregating county-level data from USAFacts; 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.**Testing:** CELR (COVID-19 Electronic Lab Reporting) state health department-reported data through 11/11/2020. Previous week is 10/29 - 11/4.**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.



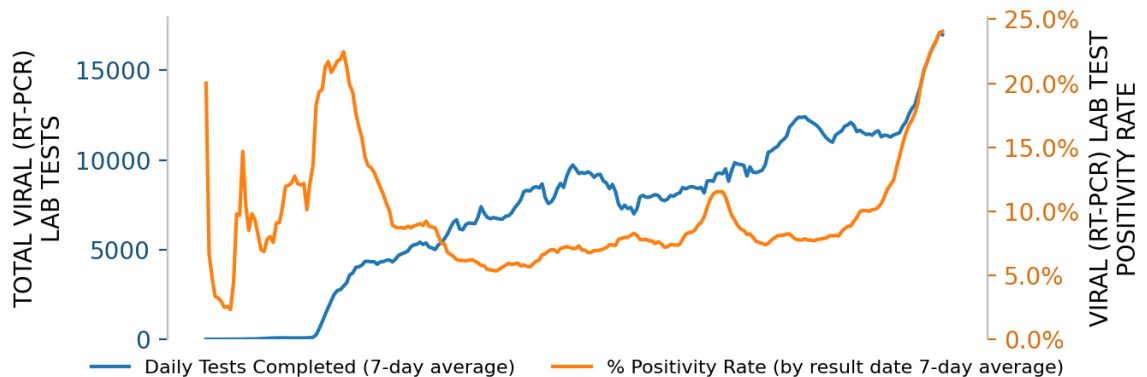
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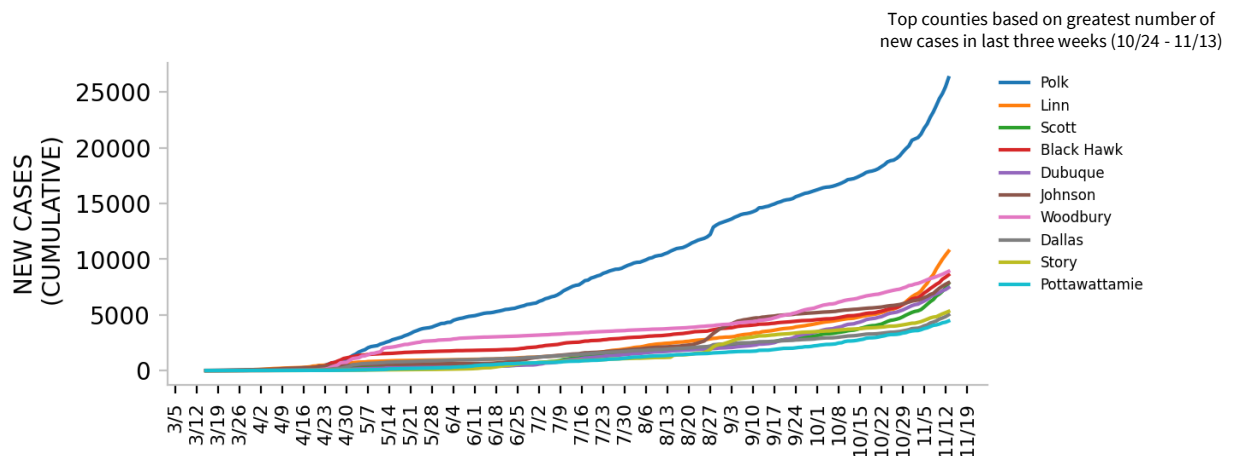
NEW CASES



TESTING



TOP COUNTIES



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.

Testing: CELR (COVID-19 Electronic Lab Reporting) state health department-reported data through 11/11/2020.

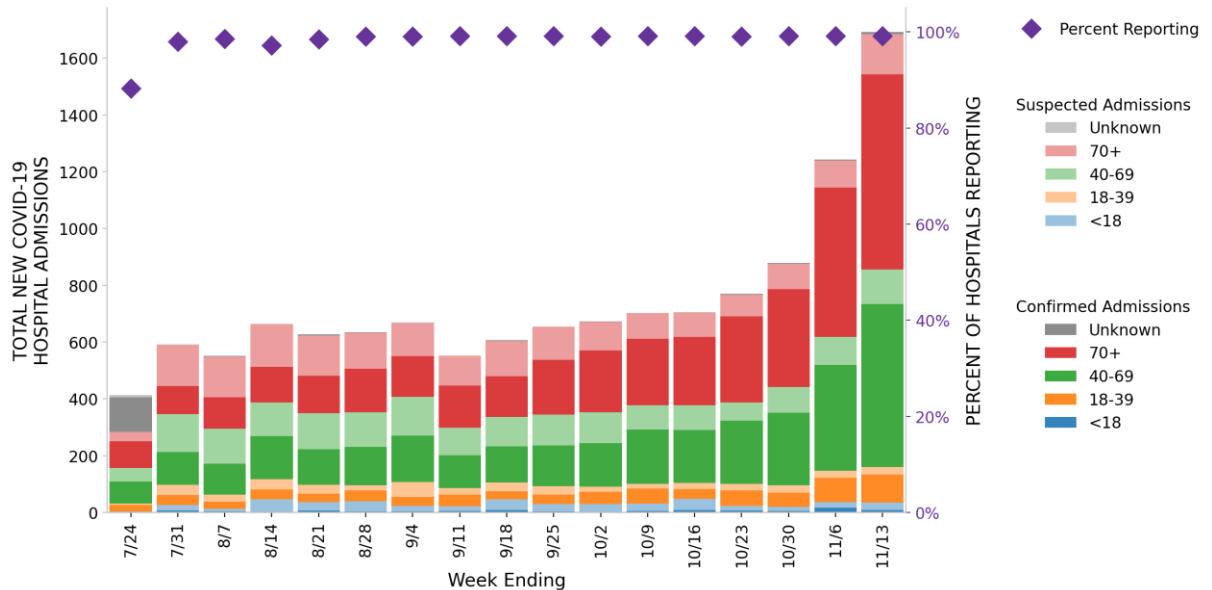


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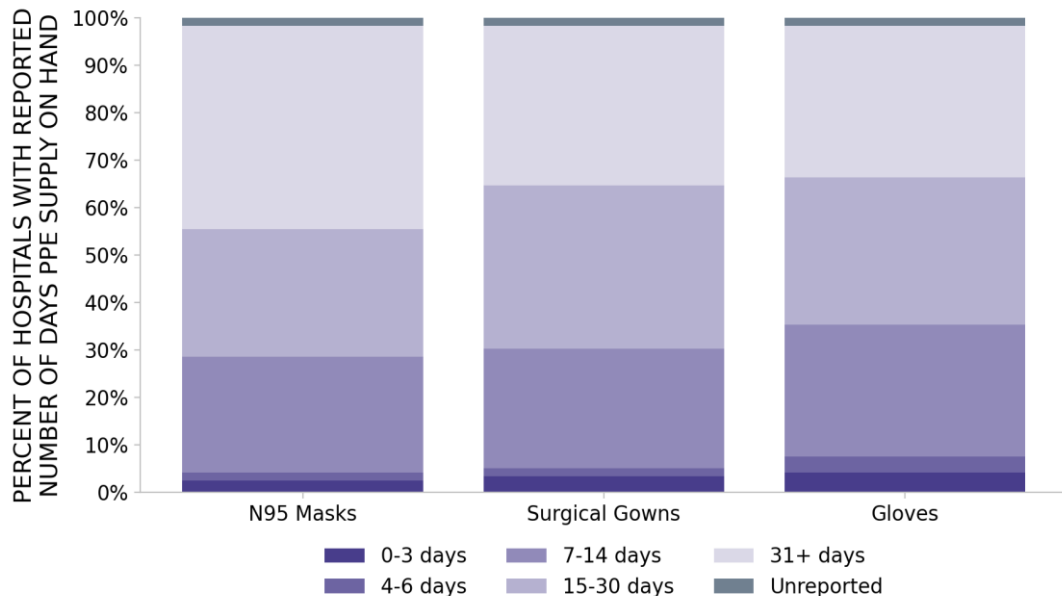
STATE REPORT | 11.15.2020

119 hospitals are expected to report in Iowa

HOSPITAL ADMISSIONS



HOSPITAL PPE SUPPLIES



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)

METRO AREA (CBSA)

COUNTIES

LOCALITIES
IN RED
ZONE

24

■ (+0)

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

99

▲ (+4)

Polk
Linn
Scott
Black Hawk
Dubuque
Johnson
Woodbury
Dallas
Story
Pottawattamie
Jones
Cerro Gordo

LOCALITIES
IN ORANGE
ZONE

0

■ (+0)

N/A

0

▼ (-3)

N/A

LOCALITIES
IN YELLOW
ZONE

0

■ (+0)

N/A

0

■ (+0)

N/A

Change from previous week's alerts:

▲ Increase

■ Stable

▼ Decrease

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

All Red Counties: Polk, Linn, Scott, Black Hawk, Dubuque, Johnson, Woodbury, Dallas, Story, Pottawattamie, Jones, Cerro Gordo, Clinton, Webster, Des Moines, Marshall, Warren, Muscatine, Sioux, Benton, Bremer, Jasper, Plymouth, Lee, Marion, Jackson, Carroll, Wapello, Page, Calhoun, Henry, O'Brien, Delaware, Buchanan, Clayton, Washington, Buena Vista, Fayette, Hardin, Tama, Mahaska, Cedar, Mills, Butler, Appanoose, Dickinson, Poweshiek, Boone, Clay, Hancock, Iowa, Grundy, Mitchell, Kossuth, Wright, Floyd, Union, Cass, Keokuk, Hamilton, Winneshiek, Sac, Shelby, Jefferson, Crawford, Chickasaw, Humboldt, Harrison, Winnebago, Allamakee, Lyon, Cherokee, Pocahontas, Guthrie, Greene, Louisa, Palo Alto, Ida, Franklin, Adair, Madison, Emmet, Montgomery, Osceola, Davis, Wayne, Taylor, Howard, Van Buren, Decatur, Audubon, Worth, Monroe, Monona, Fremont, Clarke, Lucas, Adams, Ringgold

* 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

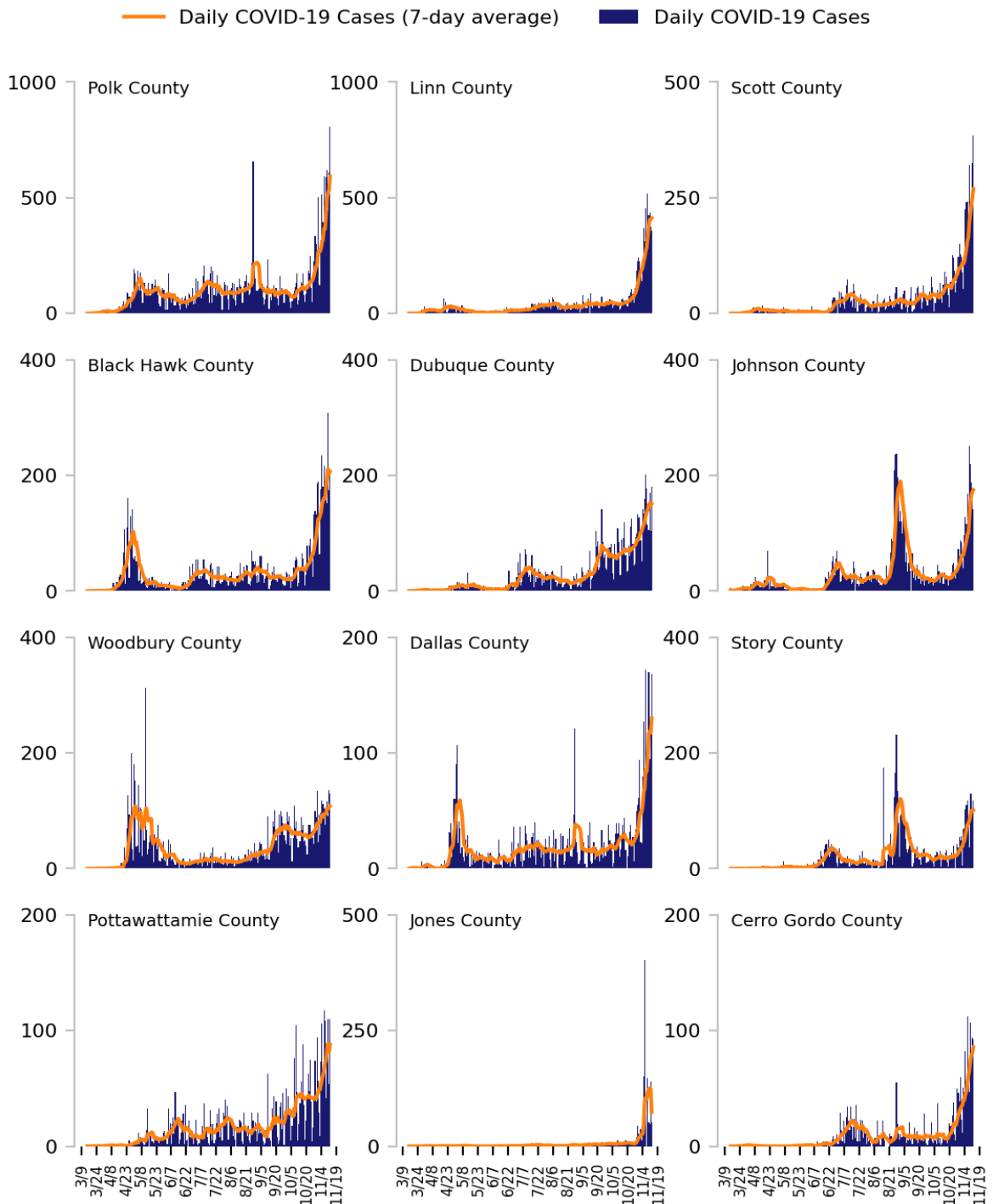
Cases and Deaths: State values are calculated by aggregating county-level data from USAFacts; therefore, the values may not match those reported directly by the state. Data is through 11/13/2020.

Testing: CELR (COVID-19 Electronic Lab Reporting) state health department-reported data through 11/11/2020.



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

TOTAL DAILY CASES



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.

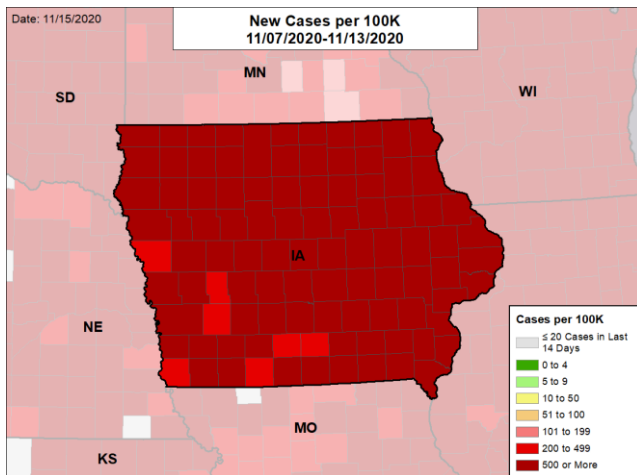


IOWA

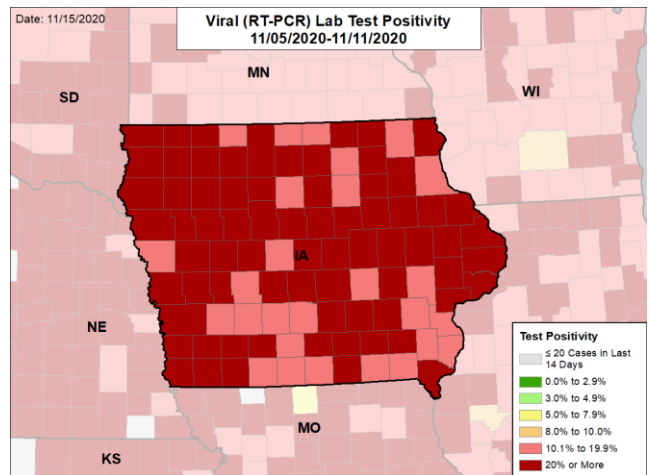
STATE REPORT | 11.15.2020

CASE RATES AND VIRAL LAB TEST POSITIVITY

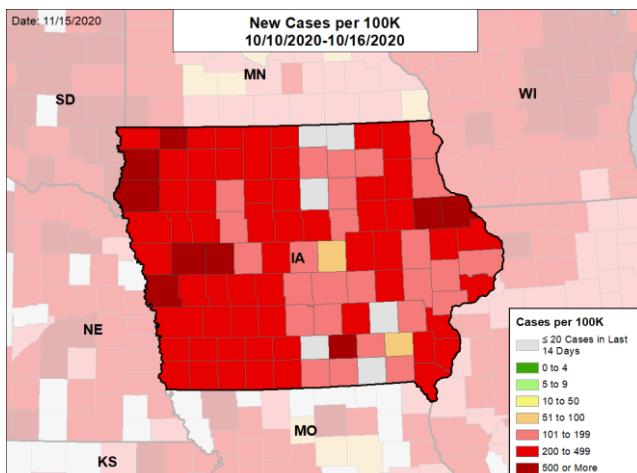
NEW CASES PER 100,000



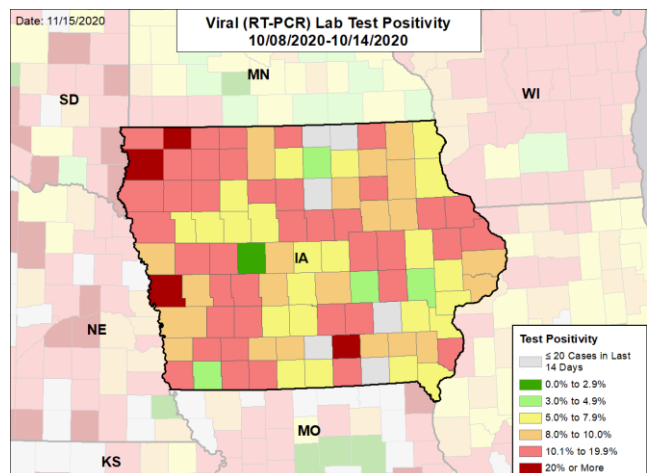
VIRAL (RT-PCR) LABORATORY TEST POSITIVITY



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**

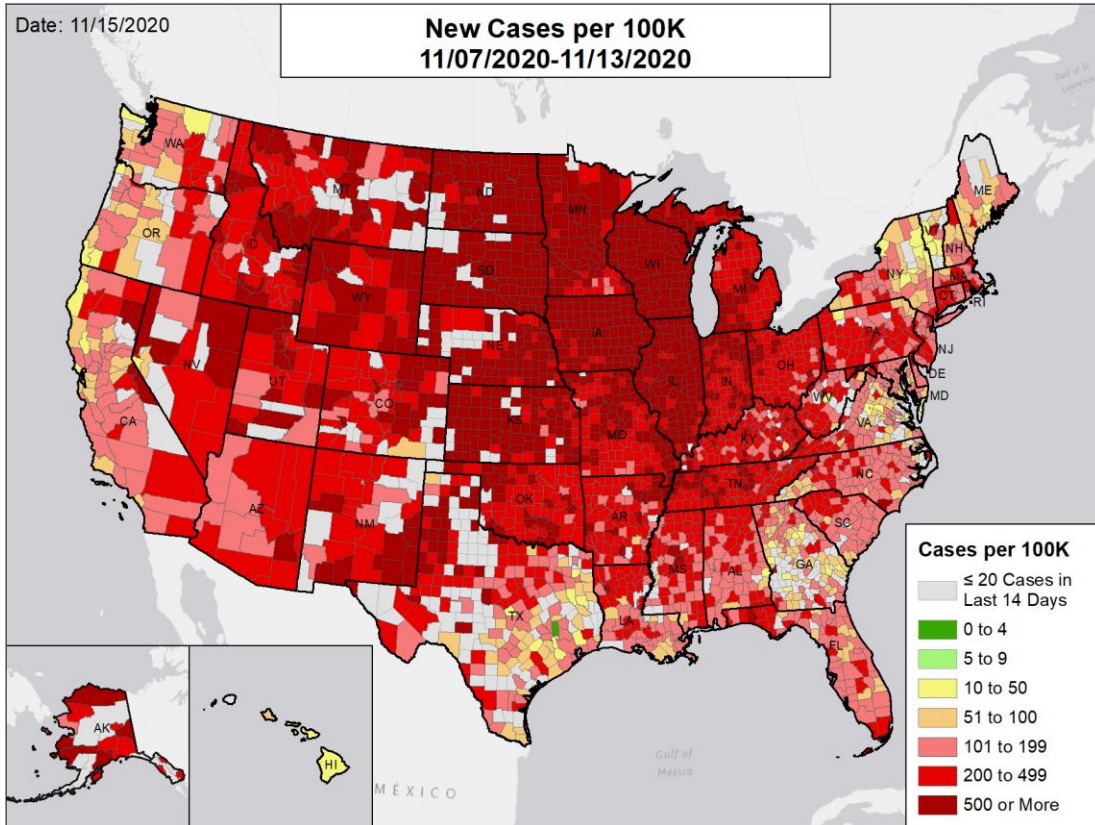
Note: Some dates may have incomplete data due to delays in reporting. Data may be backfilled over time, resulting in week-to-week changes.
Cases: State values are calculated by aggregating county-level data from USAFacts; therefore, the values may not match those reported directly by the state. Data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

Testing: CELR (COVID-19 Electronic Lab Reporting) state health department-reported data through 11/11/2020. The week one month before is 10/8 - 10/14.



National Picture

NEW CASES PER 100,000



NATIONAL RANKING OF NEW CASES PER 100,000

National Rank	State
1	ND
2	SD
3	IA
4	WY
5	WI
6	NE
7	IL
8	MN
9	KS
10	MT
11	UT
12	IN
13	CO
14	AK
15	ID
16	RI
17	MO
18	MI
19	NM
20	TN
21	OK
22	AR
23	OH
24	KY
25	NV
26	CT
27	WV
28	MS
29	PA
30	NJ
31	MA
32	AL
33	TX
34	AZ
35	DE
36	SC
37	FL
38	LA
39	MD
40	NC
41	WA
42	OR
43	NY
44	NH
45	CA
46	DC
47	VA
48	GA
49	ME
50	VT
51	HI

Europe is experiencing a fall surge similar to the USA and is showing early signs of improvement through country-specific mitigation efforts.

- 80% (48/60 countries) require wearing masks in all public settings
 - Most countries have imposed fines for non-compliance
- 93% (56/60) have significant restrictions on gathering size
- 63% (38/60) have some form of nonessential business closures, initially focused on bars and reducing restaurant capacity
- 60% (37/60) have some form of entertainment or public space restriction
- 65% (39/60) have deployed a contact tracing app

DATA SOURCES

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

Cases: County-level data from USAFacts through 11/13/2020.

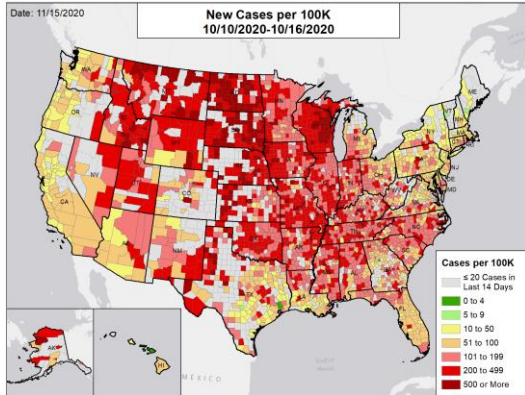
European community mitigation information sourced from European CDC — Situation Update Worldwide.



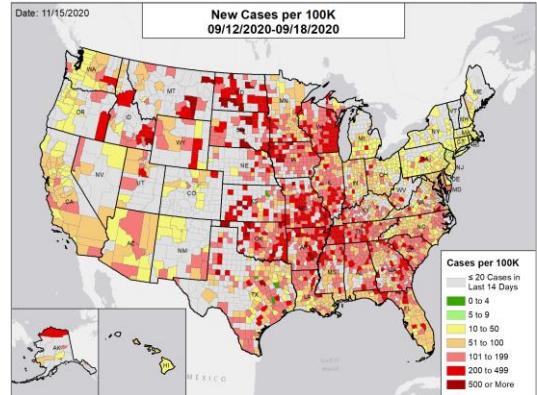
National Picture

NEW CASES PER 100,000 IN THE WEEK:

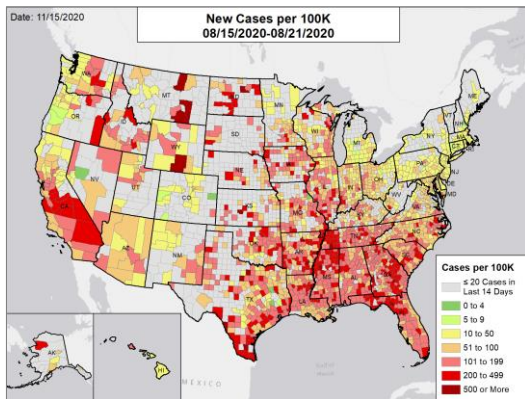
ONE MONTH BEFORE



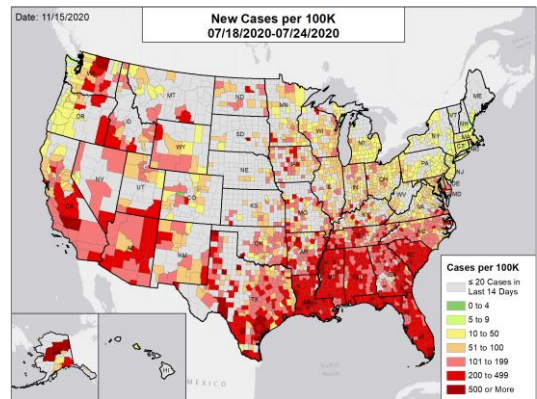
TWO MONTHS BEFORE



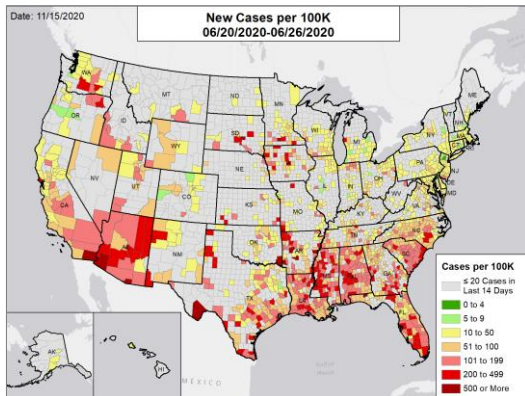
THREE MONTHS BEFORE



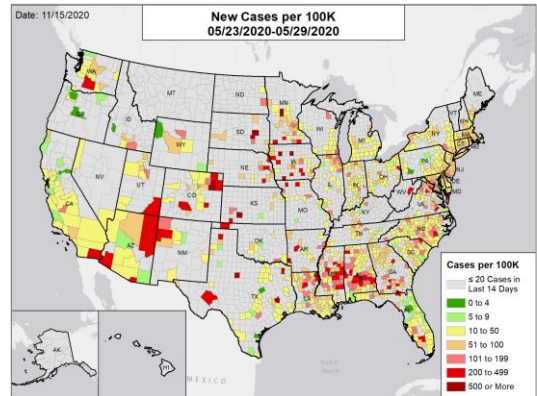
FOUR MONTHS BEFORE



FIVE MONTHS BEFORE



SIX MONTHS BEFORE



DATA SOURCES

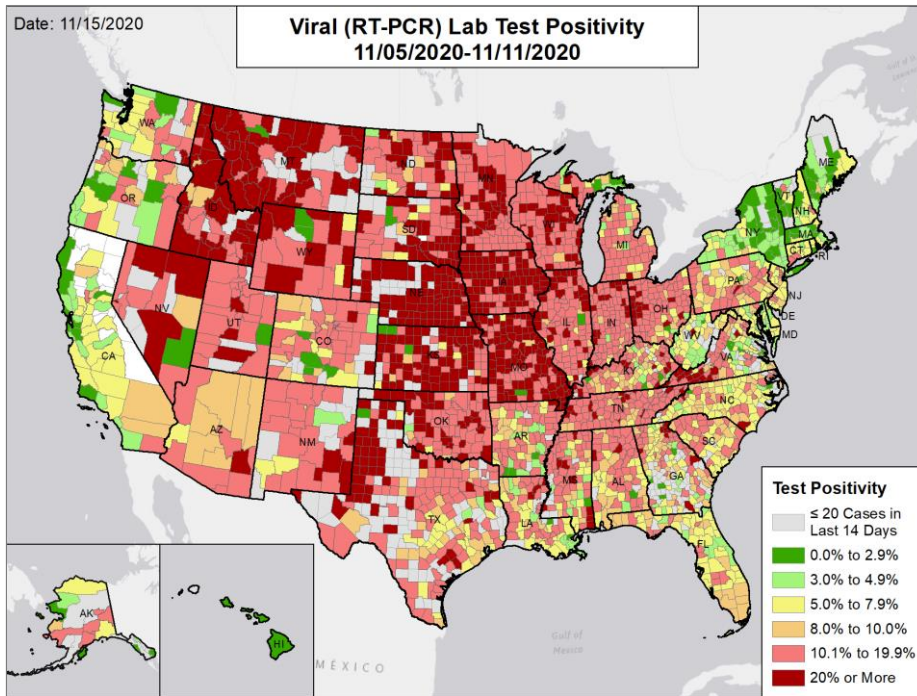
Note: Some dates may have incomplete data due to delays in reporting. Data may be backfilled over time, resulting in week-to-week changes.

Cases: County-level data from USAFacts through 11/13/2020. The week one month before is 10/10 - 10/16; the week two months before is 9/12 - 9/18; the week three months before is 8/15 - 8/21; the week four months before is 7/18 - 7/24; the week five months before is 6/20 - 6/26; the week six months before is 5/23 - 5/29.



National Picture

VIRAL (RT-PCR) LAB TEST POSITIVITY

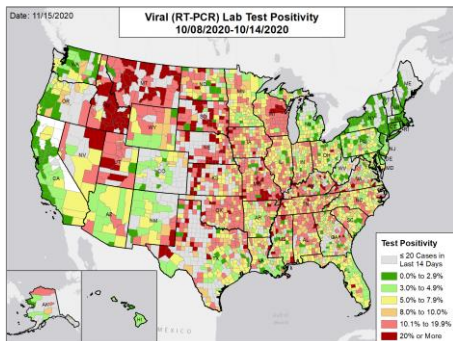


NATIONAL RANKING OF TEST POSITIVITY

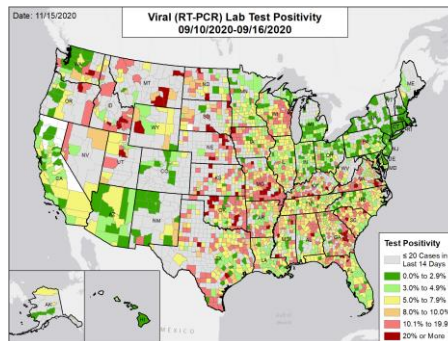
National Rank	State	National Rank	State
1	MT	27	AR
2	ID	28	OH
3	IA	29	PA
4	NE	30	AZ
5	KS	31	VA
6	SD	32	OR
7	MO	33	NJ
8	WI	34	CT
9	OK	35	GA
10	UT	36	FL
11	ND	37	NC
12	MN	38	LA
13	NV	39	MD
14	IL	40	WA
15	NM	41	NH
16	IN	42	WV
17	TN	43	DE
18	MI	44	CA
19	MS	45	RI
20	KY	46	ME
21	CO	47	NY
22	TX	48	MA
23	WY	49	DC
24	AL	50	HI
25	AK	51	VT
26	SC		

VIRAL (RT-PCR) LAB TEST POSITIVITY IN THE WEEK:

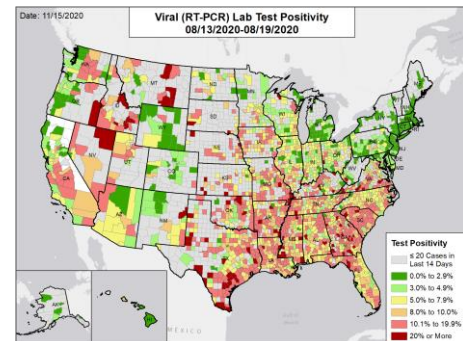
ONE MONTH BEFORE



TWO MONTHS BEFORE



THREE MONTHS BEFORE



DATA SOURCES

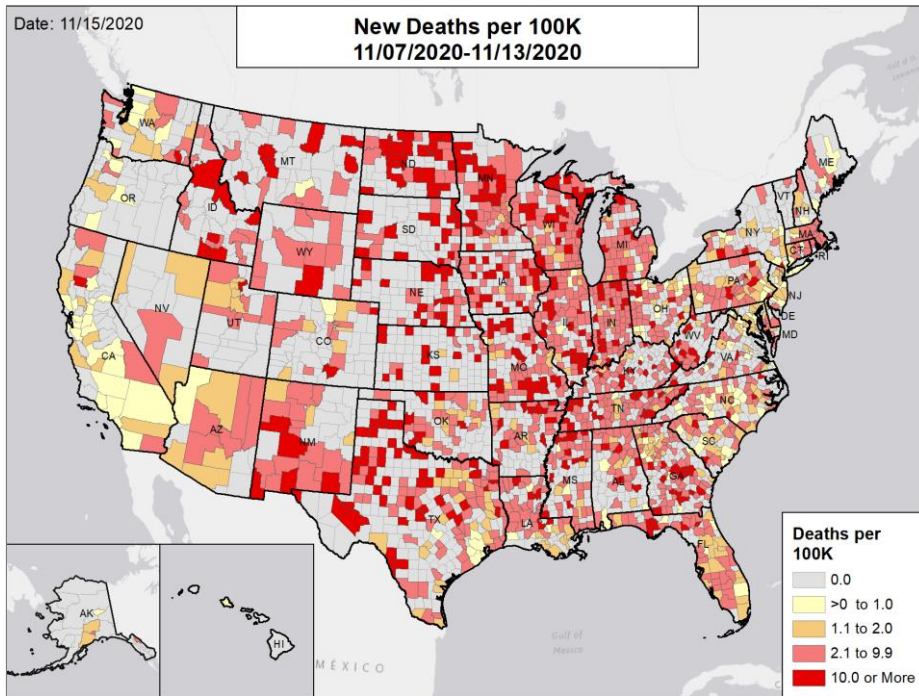
Note: Some dates may have incomplete data due to delays in reporting. Data may be backfilled over time, resulting in week-to-week changes.

Testing: Combination of CELR (COVID-19 Electronic Lab Reporting) state health department-reported data and HHS Protect laboratory data (provided directly to Federal Government from public health labs, hospital labs, and commercial labs) through 11/11/2020. The week one month before is 10/8 - 10/14; the week two months before is 9/10 - 9/16; the week three months before is 8/13 - 8/19.



National Picture

NEW DEATHS PER 100,000

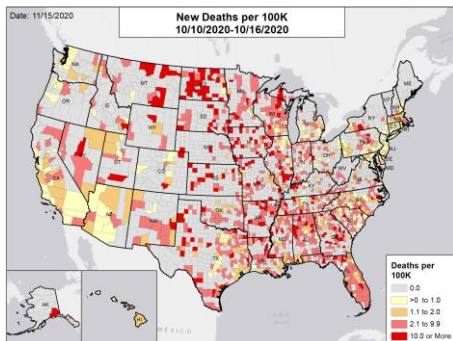


NATIONAL RANKING OF NEW DEATHS PER 100,000

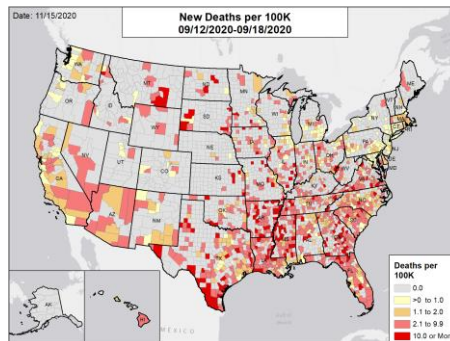
National Rank	State	National Rank	State
1	ND	27	CO
2	SD	28	LA
3	MT	29	AZ
4	WI	30	FL
5	NM	31	SC
6	IN	32	CT
7	TN	33	DE
8	WV	34	NY
9	MI	35	AK
10	IA	36	OH
11	ID	37	UT
12	WY	38	OK
13	NE	39	NV
14	MO	40	NC
15	AL	41	MD
16	MN	42	VA
17	IL	43	NJ
18	MS	44	WA
19	KS	45	ME
20	AR	46	OR
21	RI	47	NH
22	TX	48	CA
23	GA	49	DC
24	PA	50	HI
25	KY	51	VT
26	MA		

NEW DEATHS PER 100,000 IN THE WEEK:

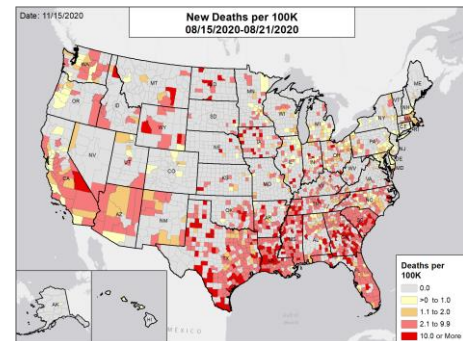
ONE MONTH BEFORE



TWO MONTHS BEFORE



THREE MONTHS BEFORE



DATA SOURCES

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

Deaths: County-level data from USAFacts through 11/13/2020. The week one month before is 10/10 - 10/16; the week two months before is 9/12 - 9/18; the week three months before is 8/15 - 8/21.



METHODS

STATE REPORT | 11.15.2020

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). Values are rounded before color classification.

Metric	Dark Green	Light Green	Yellow	Orange	Red
New cases per 100,000 population per week	≤4	5 – 9	10 – 50	51 – 100	≥101
Percent change in new cases per 100,000 population	≤-26%	-25% – -11%	-10% – 0%	1% – 10%	≥11%
Diagnostic test result positivity rate	≤2.9%	3.0% – 4.9%	5.0% – 7.9%	8.0% – 10.0%	≥10.1%
Change in test positivity	≤-2.1%	-2.0% – -0.6%	-0.5% – 0.0%	0.1% – 0.5%	≥0.6%
Total diagnostic tests resulted per 100,000 population per week	≥2001	1001 – 2000	750 – 1000	500 – 749	≤499
Percent change in tests per 100,000 population	≥26%	11% – 25%	1% – 10%	-10% – 0%	≤-11%
COVID-19 deaths per 100,000 population per week	0.0		0.1 – 1.0	1.1 – 2.0	≥2.1
Percent change in deaths per 100,000 population	≤-26%	-25% – -11%	-10% – 0%	1% – 10%	≥11%
Skilled Nursing Facilities with at least one resident COVID-19 case, death	0%		1% – 5%		≥6%
Change in SNFs with at least one resident COVID-19 case, death	≤-2%		-1% – 1%		≥2%

DATA NOTES

- Some dates may have incomplete data due to delays in reporting. Data may be backfilled over time, resulting in week-to-week changes. It is critical that states provide as up-to-date data as possible.
- Cases and deaths:** County-level data from USAFacts as of 18:35 EST on 11/15/2020. 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.
- Testing:** The data presented represent viral COVID-19 laboratory diagnostic and screening test (reverse transcription polymerase chain reaction, RT-PCR) results—not individual people—and exclude antibody and antigen tests, unless stated otherwise. CELR (COVID-19 Electronic Lab Reporting) state health department-reported data are used to describe county-level viral COVID-19 laboratory test (RT-PCR) result totals when information is available on patients' county of residence or healthcare providers' practice location. HHS Protect laboratory data (provided directly to Federal Government from public health labs, hospital labs, and commercial labs) are used otherwise. Some states did not report on certain days, which may affect the total number of tests resulted and positivity rate values. Because the data are deidentified, total viral (RT-PCR) laboratory tests are the number of tests performed, not the number of individuals tested. Viral (RT-PCR) laboratory test positivity rate is the number of positive tests divided by the number of tests performed and resulted. Resulted tests are assigned to a timeframe based on this hierarchy of test-related dates: 1. test date; 2. result date; 3. specimen received date; 4. specimen collection date. Resulted tests are assigned to a county based on a hierarchy of test-related locations: 1. patient residency; 2. provider facility location; 3. ordering facility location; 4. performing organization location. States may calculate test positivity other using other methods. Last week data are from 11/5 to 11/11; previous week data are from 10/29 to 11/4; the week one month before data are from 10/8 to 10/14. HHS Protect data is recent as of 17:58 EST on 11/15/2020. Testing data are inclusive of everything received and processed by the CELR system as of 19:00 EST on 11/14/2020.
- Hospitalizations:** Unified hospitalization dataset in HHS Protect. This figure may differ from state data due to differences in hospital lists and reporting between federal and state systems. These data exclude psychiatric, rehabilitation, and religious non-medical hospitals. In addition, hospitals explicitly identified by states/regions as those from which we should not expect reports were excluded from the percent reporting figure. The data presented represents raw data provided; we are working diligently with state liaisons to improve reporting consistency. Data is recent as of 19:14 EST on 11/15/2020.
- Hospital PPE:** Unified hospitalization dataset in HHS Protect. This figure may differ from state data due to differences in hospital lists and reporting between federal and state systems. These data exclude psychiatric, rehabilitation, and religious non-medical hospitals. In addition, hospitals explicitly identified by states/regions as those from which we should not expect reports were excluded from the percent reporting figure. Data is recent as of 16:19 EST on 11/14/2020.
- Skilled Nursing Facilities:** National Healthcare Safety Network (NHSN). Data report resident and staff cases independently. Quality checks are performed on data submitted to the NHSN. Data that fail these quality checks or appear inconsistent with surveillance protocols may be excluded from analyses. Data presented in this report are more recent than data publicly posted by CMS. Last week is 11/2-11/8, 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.
- County and Metro Area Color Categorizations**
 - Red Zone:** Those core-based statistical areas (CBSAs) and counties that during the last week reported both new cases at or above 101 per 100,000 population, and a lab test positivity result at or above 10.1%.
 - Orange Zone:** Those CBSAs and counties that during the last week reported both new cases between 51–100 per 100,000 population, and a lab test positivity result between 8.0–10.0%, or one of those two conditions and one condition qualifying as being in the “Red Zone.”
 - Yellow Zone:** Those CBSAs and counties that during the last week reported both new cases between 10–50 per 100,000 population, and a lab test positivity result between 5.0–7.9%, or one of those two conditions and one condition qualifying as being in the “Orange Zone” or “Red Zone.”