



KENTUCKY

SUMMARY

- Kentucky is in the red zone for cases, indicating 101 or more new cases per 100,000 population, with the 35th highest rate in the country. Kentucky is in the red zone for test positivity, indicating a rate at or above 10.1%, with the 21st highest rate in the country.
- Kentucky has seen a decrease in new cases and a decrease in test positivity.
- The following three counties had the highest number of new cases over the last 3 weeks: 1. Jefferson County, 2. Fayette County, and 3. Kenton County. These counties represent 25.8% of new cases in Kentucky.
- 90% of all counties in Kentucky have moderate or high levels of community transmission (yellow, orange, or red zones), with 64% having high levels of community transmission (red zone).
- During the week of Dec 14 - Dec 20, 37% of nursing homes had at least one new resident COVID-19 case, 56% had at least one new staff COVID-19 case, and 22% had at least one new resident COVID-19 death.
- Kentucky had 293 new cases per 100,000 population, compared to a national average of 391 per 100,000.
- The federal government has supported surge testing in Louisville, KY and Lexington, KY.
- Between Dec 19 - Dec 25, on average, 398 patients with confirmed COVID-19 and 125 patients with suspected COVID-19 were reported as newly admitted each day to hospitals in Kentucky. This is a minimal change in total new COVID-19 hospital admissions.

RECOMMENDATIONS

Treatment Alerts:

- **Patients prior to hospitalization:** Preliminary data suggest that early diagnosis and immediate treatment with monoclonal antibodies (mAb) may substantially lower the risk of hospitalization and death. Monoclonal antibody infusion must be immediately made available to those at risk for severe disease; outpatient infusion capacity should be developed in all communities.
- **Patients who require hospitalization:** Remdesivir is best early in admission and the benefit is most evident in those who require supplemental oxygen (but not delivered through high-flow device or mechanical ventilation). Anticoagulation and immune suppressive treatments (like steroids) should be given in accordance with protocols in hospitalized patients.

Testing Alerts:

- If you are under 40, you need to assume you became infected if you gathered beyond your immediate household. Most likely, you will not have symptoms; however, you are dangerous to others and you must isolate away from anyone at increased risk for severe disease and get tested.
- If you are over 65 or with significant medical conditions and you gathered outside of your immediate household, you are at significant risk for serious COVID infection; if you develop any symptoms, you must get tested immediately as the majority of therapeutics work best early in infection.

Pandemic Alerts:

- Data are currently unstable, outside of daily hospital admissions, due to inconsistent reporting and incomplete data over the holidays; there will be a reporting "surge" in cases and deaths as reporting catches up.
- While case rate and test positivity are no longer increasing, most states are at a high plateau for cases and test positivity, and the risk for reigniting local epidemics remains high.
- Throughout most of the Upper Midwest, Northern Plains, and Rocky Mountain states, we continue to see improvement, although virus levels are still high and any post-holiday surge will be evident. The East and West Coasts, Sunbelt, Tennessee, and West Virginia were in full winter surge, so it will be difficult to see the surge on top of the current, continued deterioration.
- All public health officials must make it clear that if you are over 65 or with significant health conditions, you should not enter any indoor public spaces where anyone is unmasked due to the immediate risk to your health; you should have groceries and medications delivered.
- No unmasked public gatherings are safe and no indoor private gatherings are safe without all members fully masked, unless all members are actively taking the same precautions and regularly test negative.
- Refer to the time-lapse maps in the back of the packet. All states with continued increases (both coasts and the Sunbelt) must continue with strict public mitigation and continued restrictions on retail spaces, while increasing use of safer outdoor spaces.
- To prevent resurgence of the pandemic across the state, target testing to areas with increasing test positivity to identify and promptly remove the silent spread.
- Continue with strong holiday messaging; Kentuckians need to stay vigilant during the holiday season as vaccines are rolling out. Ensure indoor masking around vulnerable family members during any gatherings due to the significant amount of virus circulating and the high rate of asymptomatic and undiagnosed infections among family and community members.
- With over half of nursing homes having at least one positive staff member, the pandemic spread is wide and touching different communities. Ensure weekly testing continues until all residents and staff are fully vaccinated.
- When K-12 schools return, establish public health protocol to conduct active testing in schools for teachers and students in districts with high positivity and cases. In accordance with CDC guidelines, masks must be worn by students and teachers in K-12 schools.
- Ensure universities returning after winter break move to mandatory weekly testing of on and off campus students; begin planning now.
- Specific, detailed guidance on community mitigation measures can be found on the [CDC website](#).





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	STATE	STATE, % CHANGE FROM PREVIOUS WEEK	FEMA/HHS REGION	UNITED STATES
NEW COVID-19 CASES (RATE PER 100,000)	13,095 (293)	-35%	250,289 (374)	1,283,432 (391)
VIRAL (RT-PCR) LAB TEST POSITIVITY RATE	12.1%	-2.6%*	12.3%	11.3%
TOTAL VIRAL (RT-PCR) LAB TESTS (TESTS PER 100,000)	147,955** (3,312**)	+7%**	1,894,655** (2,832**)	10,285,289** (3,133**)
COVID-19 DEATHS (RATE PER 100,000)	123 (2.8)	-30%	2,542 (3.8)	16,577 (5.1)
SNFs WITH ≥1 NEW RESIDENT COVID-19 CASE	37%	N/A*†	34%	32%
SNFs WITH ≥1 NEW STAFF COVID-19 CASE	56%	N/A*†	54%	51%
SNFs WITH ≥1 NEW RESIDENT COVID-19 DEATH	22%	N/A*†	13%	16%
TOTAL NEW COVID-19 HOSPITAL ADMISSIONS (RATE PER 100 BEDS)	3,659 (30)	-2% (-3%)	31,628 (21)	152,352 (21)
NUMBER OF HOSPITALS WITH SUPPLY SHORTAGES (PERCENT)	3 (3%)	+1% (+50%*)	163 (18%)	1,143 (22%)
NUMBER OF HOSPITALS WITH STAFF SHORTAGES (PERCENT)	2 (2%)	+1% (+100%*)	226 (24%)	1,357 (27%)

* 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.

† Skilled nursing facility data entry is experiencing a data submission lag. Therefore, the most current week's data should not be compared to previous data. 94% of facilities reported during the most current week.

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 a CDC managed aggregate county dataset that is compiled from state and local health departments; therefore, the values may not match those reported directly by the state. Data is through 12/25/2020; previous week is 12/12 - 12/18.

Testing: CELR (COVID-19 Electronic Lab Reporting) state health department-reported data through 12/23/2020. Previous week is 12/10 - 12/16.

SNFs: Skilled nursing facilities. National Healthcare Safety Network. Data are reported separately for cases among residents and staff. Data is through 12/20/2020, previous week is 12/7-12/13.

Admissions: Unified hospitalization dataset in HHS Protect. These data exclude psychiatric, rehabilitation, and religious non-medical hospitals. Hospitals explicitly identified by states/regions as those from which we should not expect reports were excluded from the totals. Totals include confirmed and suspected COVID-19 admissions.

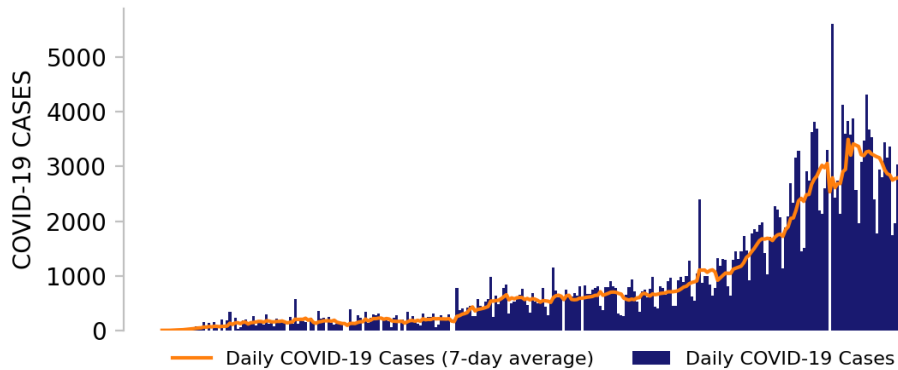
Shortages: Unified hospital dataset in HHS Protect. These data exclude psychiatric, rehabilitation, and religious non-medical hospitals. Includes hospitals reporting a staffing shortage currently or projected within one week. Low supply is defined as a hospital reporting 0 or 1-3 days' supply, not able to obtain, or not able to maintain a 3-day supply of N95s, face masks, gloves, gowns, or eye protection. Values presented show the latest reports from hospitals in the week ending 12/25/2020.



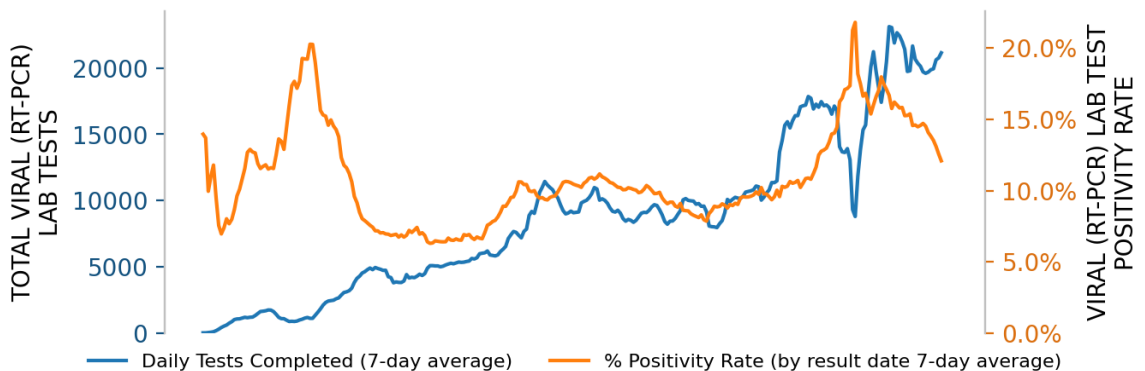
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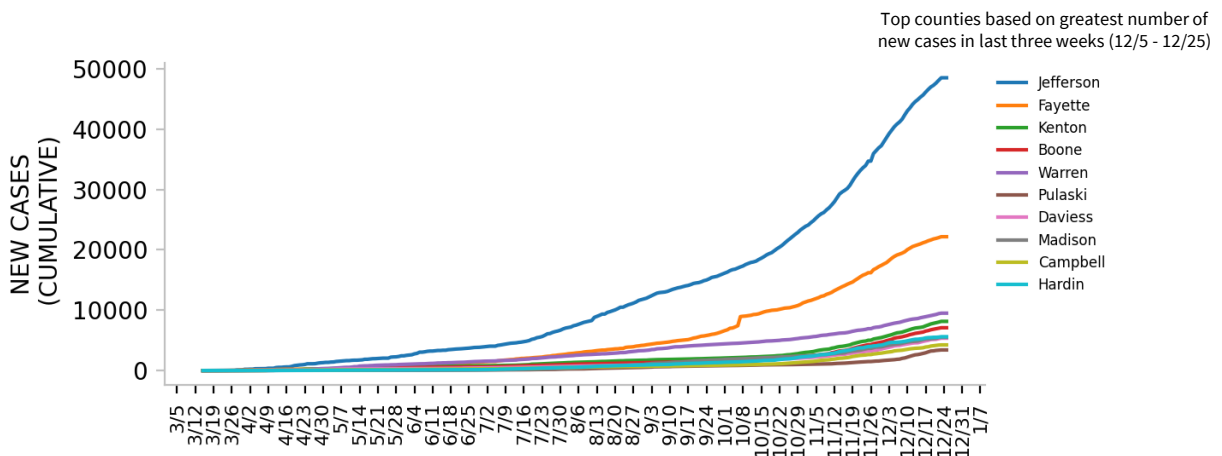
NEW CASES



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 a CDC managed aggregate county dataset that is compiled from state and local health departments; therefore, the values may not match those reported directly by the state. Data is through 12/25/2020.

Testing: CELR (COVID-19 Electronic Lab Reporting) state health department-reported data through 12/23/2020.

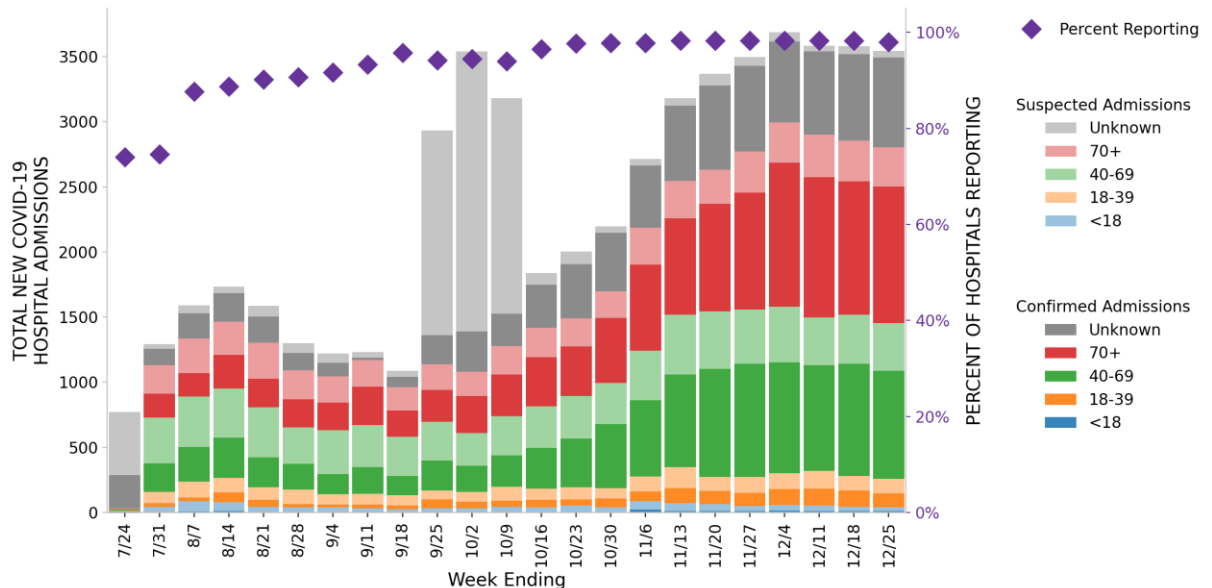


KENTUCKY

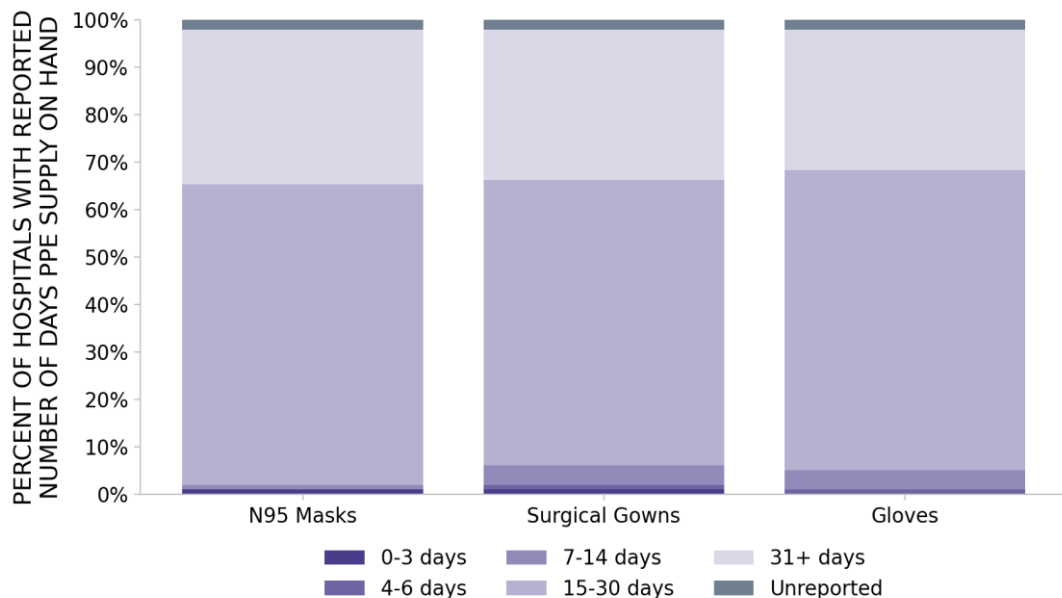
STATE REPORT | 12.27.2020

98 hospitals are expected to report in Kentucky

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. 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. Values presented show the latest reports from hospitals in the week ending 12/23/2020.



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COVID-19 COUNTY AND METRO ALERTS*

Top 12 shown in table (full lists below)

METRO AREA (CBSA)

COUNTIES

LOCALITIES IN RED ZONE	21 ▲ (+2)	Louisville/Jefferson County Cincinnati Bowling Green London Huntington-Ashland Owensboro Elizabethtown-Fort Knox Richmond-Berea Danville Paducah Clarksville Campbellsville	77 ▼ (-6)	Kenton Boone Warren Daviess Campbell McCracken Boyd Oldham Christian Bullitt Laurel Pike
	0 ▼ (-4)	N/A	12 ▼ (-4)	Jefferson Madison Hardin Whitley Barren Clark Green Martin Pendleton Butler Magoffin Jackson
	4 ▲ (+2)	Lexington-Fayette Somerset Glasgow Bardstown	19 ▲ (+5)	Fayette Pulaski Scott Franklin Nelson Marion Woodford Hart Grayson Garrard Larue Harrison
Change from previous week's alerts: ▲ Increase ■ Stable ▼ Decrease				

All Red CBSAs: Louisville/Jefferson County, Cincinnati, Bowling Green, London, Huntington-Ashland, Owensboro, Elizabethtown-Fort Knox, Richmond-Berea, Danville, Paducah, Clarksville, Campbellsville, Frankfort, Evansville, Mount Sterling, Madisonville, Mayfield, Middlesborough, Murray, Central City, Maysville

All Red Counties: Kenton, Boone, Warren, Daviess, Campbell, McCracken, Boyd, Oldham, Christian, Bullitt, Laurel, Pike, Boyle, Wayne, Taylor, McCreary, Henderson, Jessamine, Lincoln, Greenup, Shelby, Hopkins, Mercer, Harlan, Graves, Carter, Grant, Letcher, Perry, Bell, Floyd, Calloway, Meade, Simpson, Clay, Muhlenberg, Clinton, Knox, Marshall, Logan, Mason, Anderson, Ohio, Montgomery, Allen, Spencer, Johnson, Fleming, Rowan, Bourbon, Henry, Rockcastle, Washington, Trigg, Lawrence, Owen, Todd, Breathitt, Trimble, Union, Breckinridge, Livingston, Estill, Morgan, Powell, Cumberland, Leslie, Knott, McLean, Edmonson, Webster, Hancock, Bracken, Carlisle, Ballard, Menifee, Owsley

All Yellow Counties: Fayette, Pulaski, Scott, Franklin, Nelson, Marion, Woodford, Hart, Grayson, Garrard, Larue, Harrison, Bath, Monroe, Metcalfe, Lyon, Wolfe, Crittenden, Nicholas

* 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

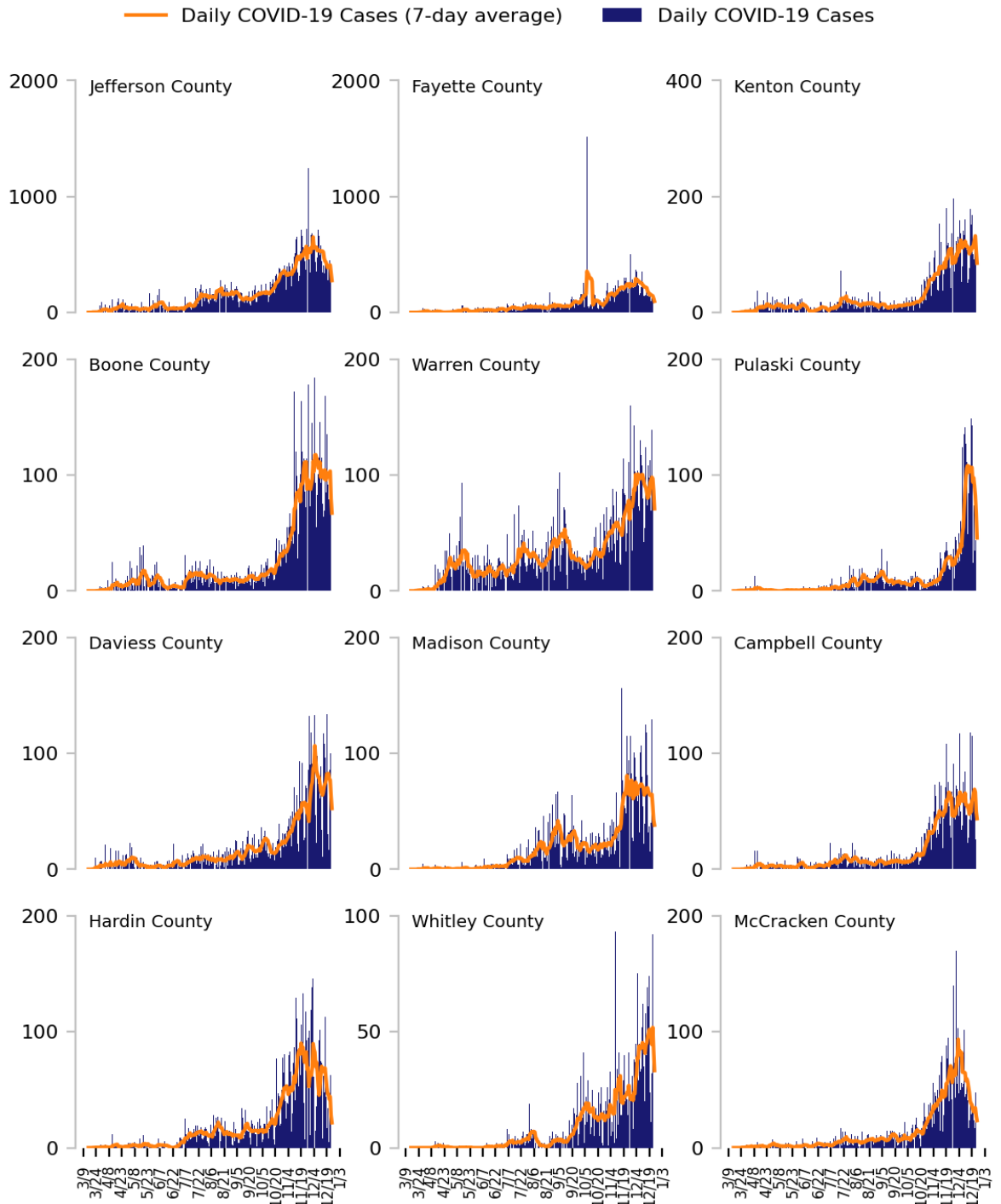
Cases and Deaths: State values are calculated by aggregating county-level data from a CDC managed aggregate county dataset that is compiled from state and local health departments; therefore, the values may not match those reported directly by the state. Data is through 12/25/2020.

Testing: CELR (COVID-19 Electronic Lab Reporting) state health department-reported data through 12/23/2020.



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

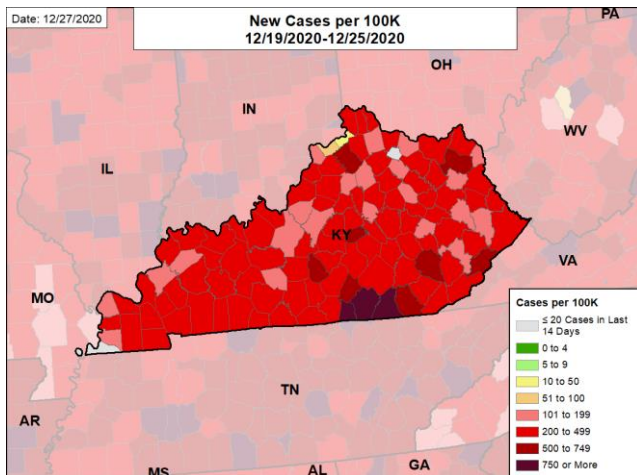
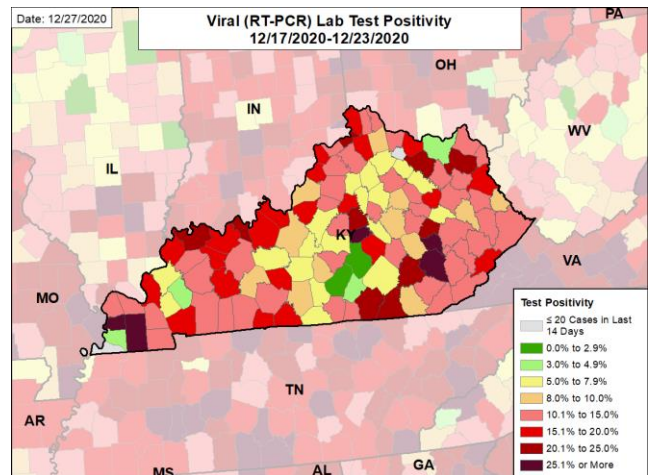
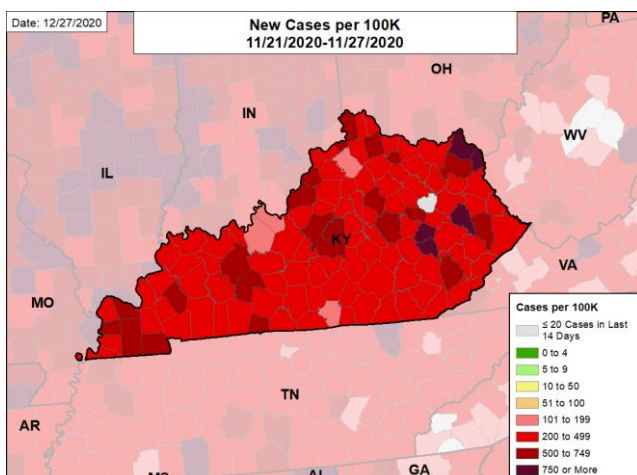
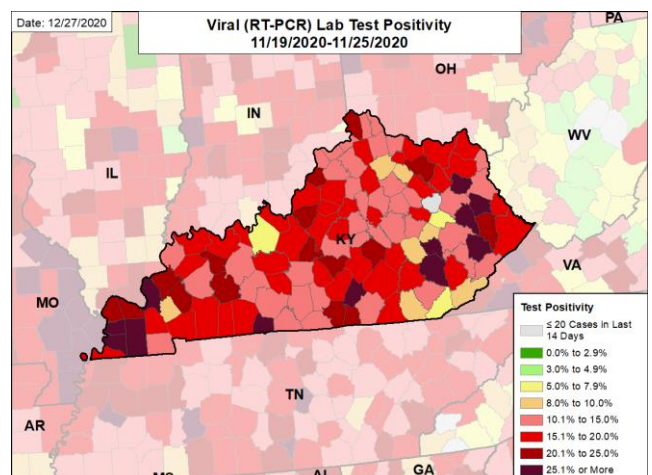
Cases: State values are calculated by aggregating county-level data from a CDC managed aggregate county dataset that is compiled from state and local health departments; therefore, the values may not match those reported directly by the state. Data is through 12/25/2020. Last 3 weeks is 12/5 - 12/25.



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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 a CDC managed aggregate county dataset that is compiled from state and local health departments; therefore, the values may not match those reported directly by the state. Data is through 12/25/2020. The week one month before is 11/21 - 11/27.

Testing: CELR (COVID-19 Electronic Lab Reporting) state health department-reported data through 12/23/2020. The week one month before is 11/19 - 11/25.

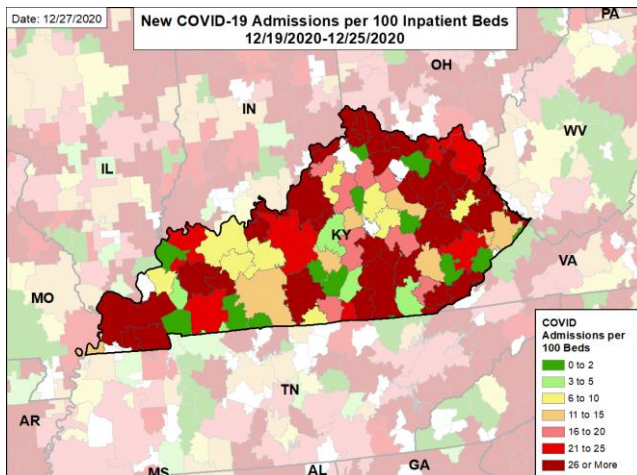


KENTUCKY

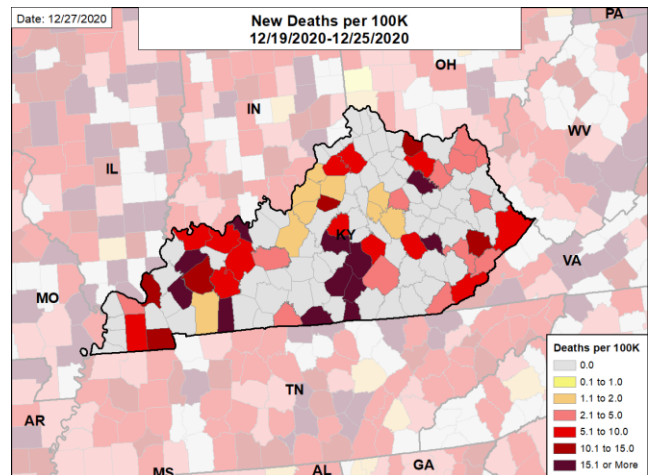
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HOSPITAL ADMISSIONS AND DEATH RATES

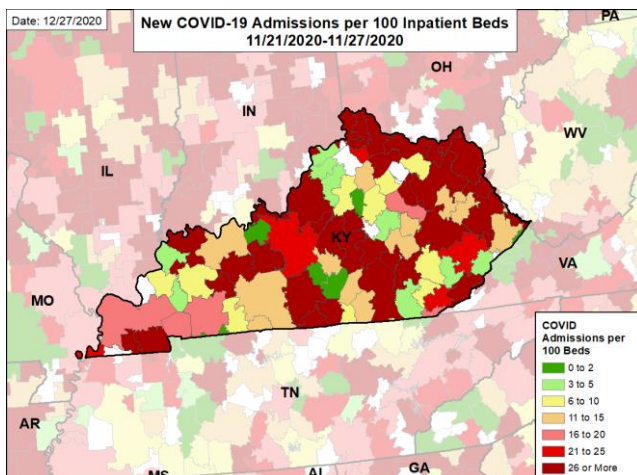
TOTAL NEW COVID-19 ADMISSIONS PER 100 INPATIENT BEDS



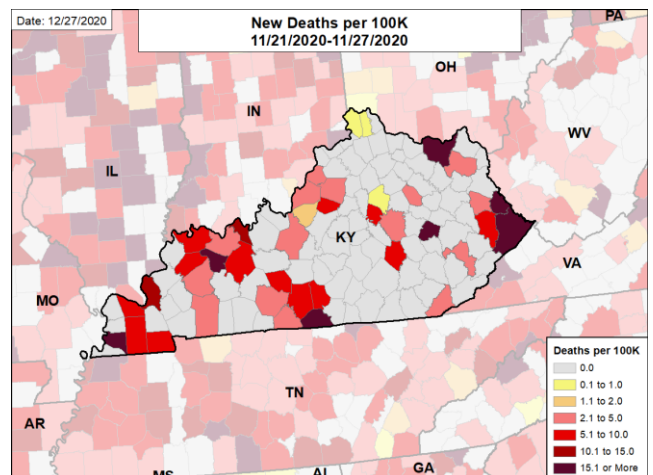
NEW DEATHS PER 100,000



TOTAL NEW COVID-19 ADMISSIONS PER 100 INPATIENT BEDS ONE MONTH BEFORE



NEW DEATHS PER 100,000 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.

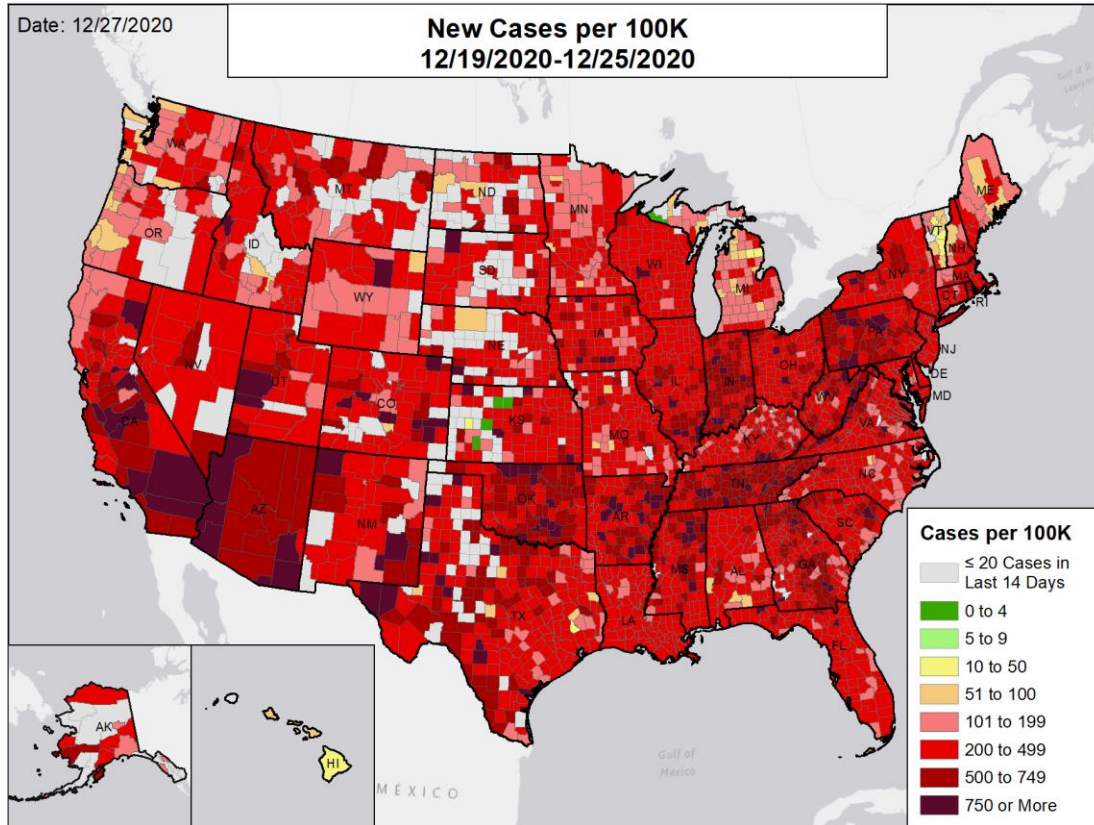
Deaths: State values are calculated by aggregating county-level data from a CDC managed aggregate county dataset that is compiled from state and local health departments; therefore, the values may not match those reported directly by the state. Data is through 12/25/2020. The week one month before is 11/21 - 11/27.

Hospitalizations: Unified hospitalization dataset in HHS Protect. These data exclude psychiatric, rehabilitation, and religious non-medical hospitals. Hospitals explicitly identified by states/regions as those from which we should not expect reports were excluded from the percent reporting figure. Totals include confirmed and suspected COVID-19 admissions.



National Picture

NEW CASES PER 100,000



NATIONAL RANKING OF NEW CASES PER 100,000

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

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.

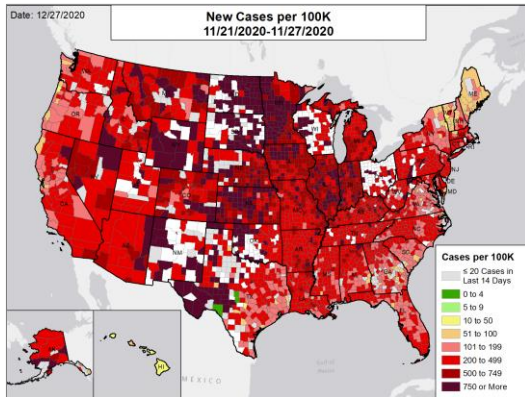
Cases: State values are calculated by aggregating county-level data from a CDC managed aggregate county dataset that is compiled from state and local health departments; therefore, the values may not match those reported directly by the state. Data is through 12/25/2020. European community mitigation information sourced from European CDC — Situation Update Worldwide.



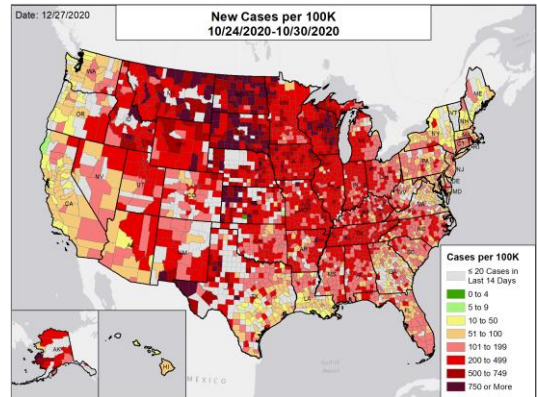
National Picture

NEW CASES PER 100,000 IN THE WEEK:

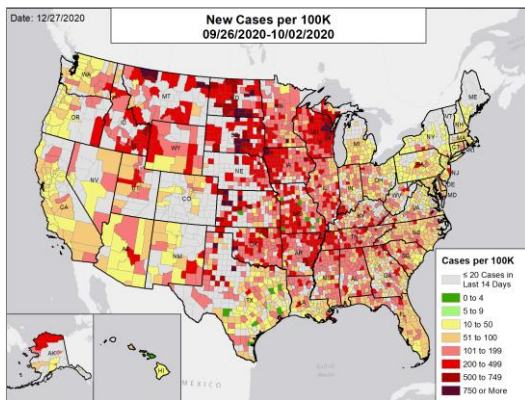
ONE MONTH BEFORE



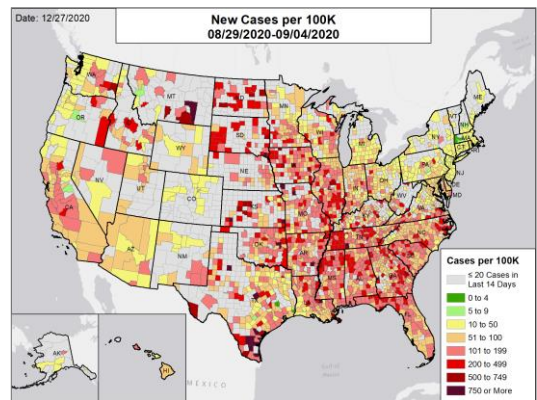
TWO MONTHS BEFORE



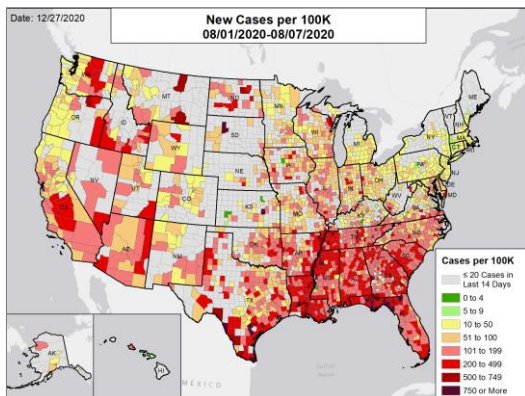
THREE MONTHS BEFORE



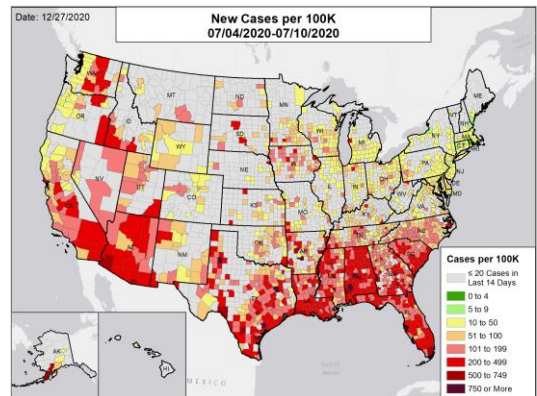
FOUR MONTHS BEFORE



FIVE MONTHS BEFORE



SIX MONTHS BEFORE



DATA SOURCES

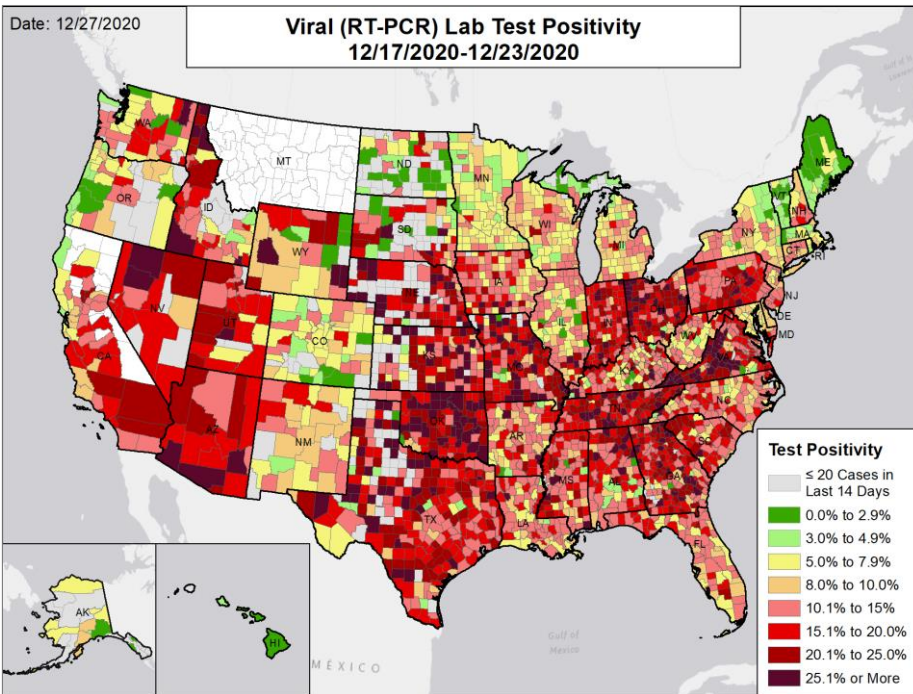
Note: Some dates may have incomplete data due to delays in reporting. Data may be backfilled over time, resulting in week-to-week changes.

Cases: State values are calculated by aggregating county-level data from a CDC managed aggregate county dataset that is compiled from state and local health departments; therefore, the values may not match those reported directly by the state. The week one month before is 11/21 - 11/27; the week two months before is 10/24 - 10/30; the week three months before is 9/26 - 10/2; the week four months before is 8/29 - 9/4; the week five months before is 8/1 - 8/7; the week six months before is 7/4 - 7/10.



National Picture

VIRAL (RT-PCR) LAB TEST POSITIVITY

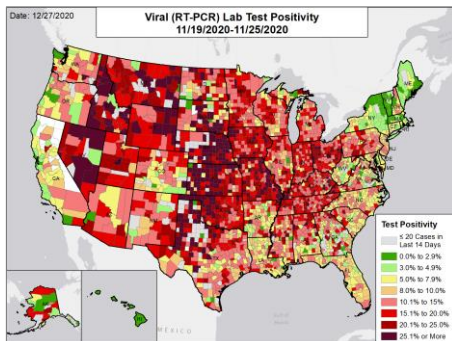


NATIONAL RANKING OF TEST POSITIVITY

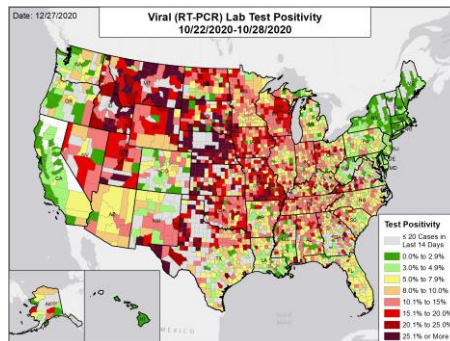
National Rank	State	National Rank	State
1	OK	27	NJ
2	NV	28	LA
3	AZ	29	WV
4	TN	30	FL
5	MO	31	NM
6	VA	32	IL
7	ID	33	DE
8	IN	34	MI
9	NE	35	WI
10	UT	36	WA
11	MS	37	OR
12	AL	38	MD
13	TX	39	NY
14	PA	40	WY
15	CA	41	CO
16	SC	42	RI
17	GA	43	MA
18	KS	44	MN
19	OH	45	AK
20	NH	46	ME
21	KY	47	ND
22	AR	48	DC
23	CT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

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

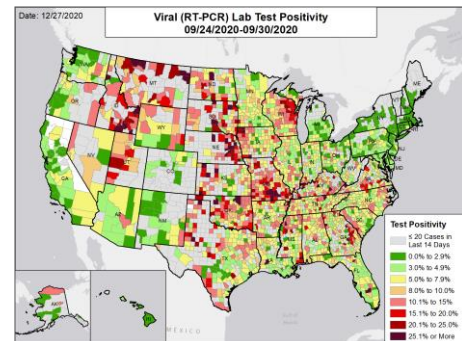
ONE MONTH BEFORE



TWO MONTHS BEFORE



THREE MONTHS BEFORE



DATA SOURCES

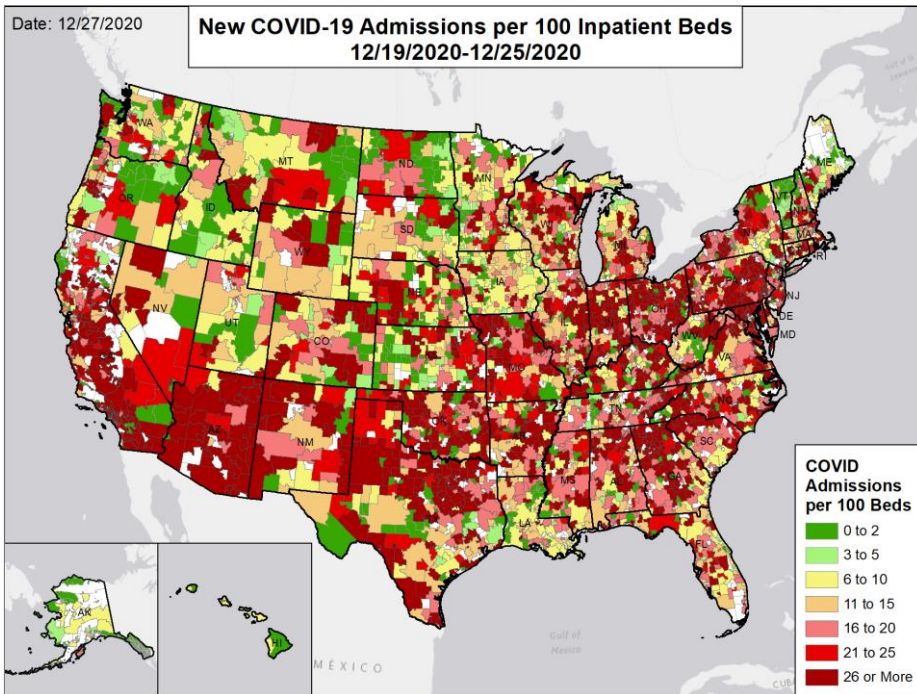
Note: Some dates may have incomplete data due to delays in reporting. Data may be backfilled over time, resulting in week-to-week changes.

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 12/23/2020. The week one month before is 11/19 - 11/25; the week two months before is 10/22 - 10/28; the week three months before is 9/24 - 9/30.



National Picture

TOTAL NEW COVID-19 ADMISSIONS PER 100 INPATIENT BEDS

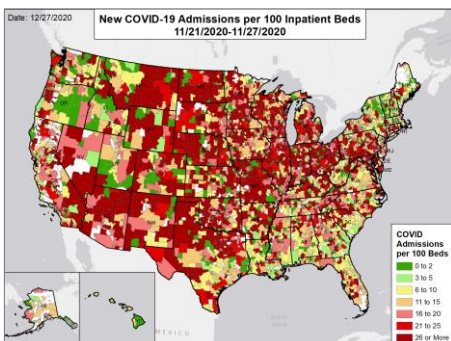


NATIONAL RANKING OF ADMISSIONS PER 100 BEDS

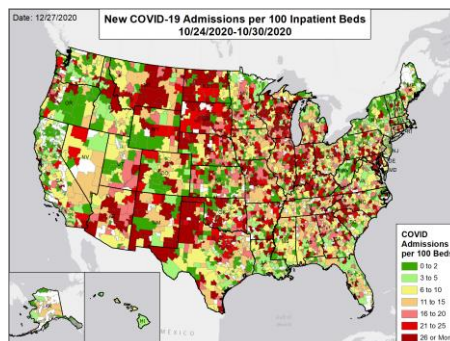
National Rank	State	National Rank	State
1	AZ	27	WV
2	AR	28	MS
3	MD	29	OR
4	OK	30	CO
5	CA	31	CT
6	KY	32	NH
7	GA	33	MI
8	DC	34	FL
9	PA	35	WY
10	NM	36	NY
11	OH	37	MN
12	AL	38	MT
13	IN	39	UT
14	TX	40	NE
15	MO	41	LA
16	NJ	42	ND
17	NV	43	WA
18	SC	44	ME
19	NC	45	ID
20	VA	46	SD
21	IL	47	RI
22	WI	48	IA
23	TN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

TOTAL NEW COVID-19 ADMISSIONS PER 100 INPATIENT BEDS IN THE WEEK:

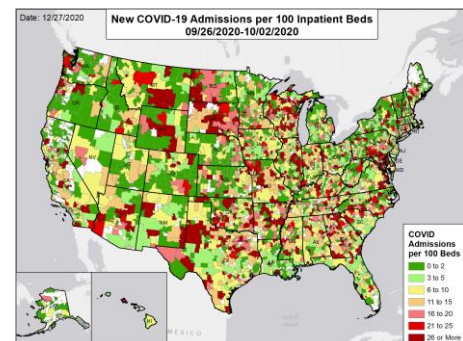
ONE MONTH BEFORE



TWO MONTHS BEFORE



THREE MONTHS BEFORE



DATA SOURCES

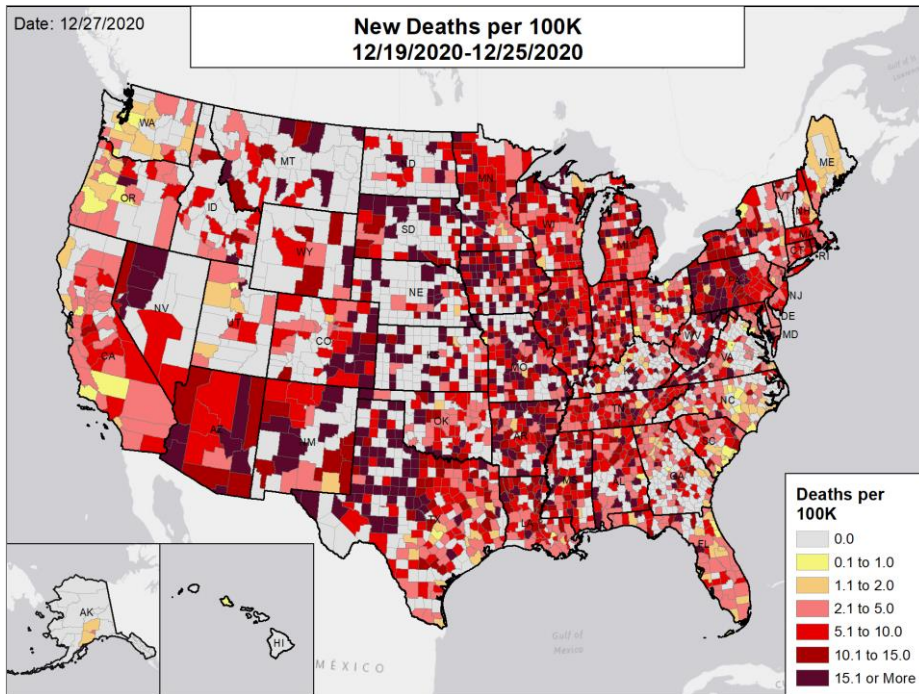
Note: Some dates may have incomplete data due to delays in reporting. Data may be backfilled over time, resulting in week-to-week changes.

Admissions: Unified hospitalization dataset in HHS Protect through 12/25/2020. These data exclude psychiatric, rehabilitation, and religious non-medical hospitals. Hospitals explicitly identified by states/regions as those from which we should not expect reports were excluded from the totals. Totals include confirmed and suspected COVID-19 admissions. The week one month before is 11/21 - 11/27; the week two months before is 10/24 - 10/30; the week three months before is 9/26 - 10/2.



National Picture

NEW DEATHS PER 100,000

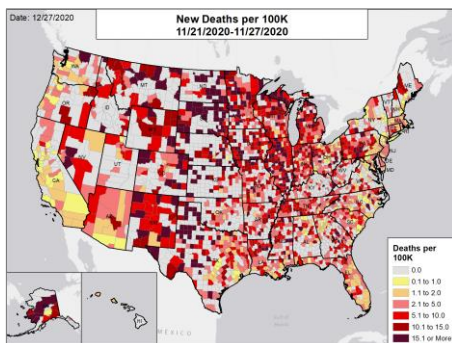


NATIONAL RANKING OF NEW DEATHS PER 100,000

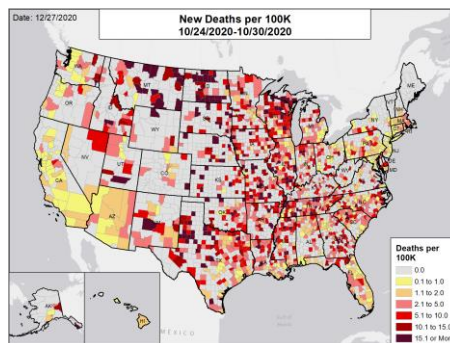
National Rank	State	National Rank	State
1	SD	27	MD
2	PA	28	NY
3	AR	29	TX
4	IA	30	NE
5	WV	31	ID
6	NM	32	SC
7	AZ	33	OH
8	AL	34	OK
9	NV	35	DC
10	IN	36	CA
11	IL	37	NH
12	RI	38	WY
13	MS	39	DE
14	TN	40	GA
15	MO	41	OR
16	WI	42	FL
17	LA	43	KY
18	CO	44	VA
19	CT	45	NC
20	MT	46	AK
21	MN	47	VT
22	KS	48	UT
23	MI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

NEW DEATHS PER 100,000 IN THE WEEK:

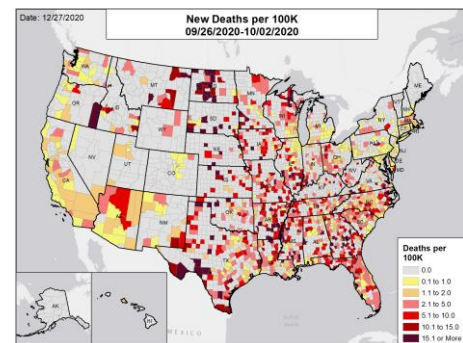
ONE MONTH BEFORE



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: State values are calculated by aggregating county-level data from a CDC managed aggregate county dataset that is compiled from state and local health departments; therefore, the values may not match those reported directly by the state.. The week one month before is 11/21 - 11/27; the week two months before is 10/24 - 10/30; the week three months before is 9/26 - 10/2.



METHODS

STATE REPORT | 12.27.2020

Metric	Dark Green	Light Green	Yellow	Orange	Light Red	Red	Dark Red	Darkest Red
New cases per 100,000 population per week	≤4	5 – 9	10 – 50	51 – 100	101 – 199	200 – 499	500 – 749	≥750
Percent change in new cases per 100,000 population	≤-26%	-25% – -11%	-10% – 0%	1% – 10%	11% – 99%	100% – 999%	≥1000%	
Diagnostic test result positivity rate	≤2.9%	3.0% – 4.9%	5.0% – 7.9%	8.0% – 10.0%	10.1% – 15.0%	15.1% – 20.0%	20.1% – 25.0%	≥25.1%
Change in test positivity	≤-2.1%	-2.0% – -0.6%	-0.5% – 0.0%	0.1% – 0.5%	0.6% – 2.0%		≥2.1%	
Total diagnostic tests resulted per 100,000 population per week	≥5000	3001 – 4999	2000 – 2999	1000 – 1999	500 – 999		≤499	
Percent change in tests per 100,000 population	≥26%	11% – 25%	1% – 10%	-10% – 0%	-25% – -11%		≤-26%	
COVID-19 deaths per 100,000 population per week	0.0		0.1 – 1.0	1.1 – 2.0	2.1 – 5.0	5.1 – 10.0	10.1 – 15.0	≥15.1
Percent change in deaths per 100,000 population	≤-26%	-25% – -11%	-10% – 0%	1% – 10%	11% – 25%		≥26%	
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%			
Total new COVID-19 hospital admissions per 100 beds	≤2	3 – 5	6 – 10	11 – 15	16 – 20	21 – 25	≥26	
Change in total new COVID-19 hospital admissions per 100 beds	≤-26%	-25% – -11%	-10% – 0%	1% – 10%	11% – 25%		≥26%	
Percent of hospitals with supply/staff shortages	≤0%		1% – 9%	10% – 19%	20% – 24%	25% – 29%	≥30%	
Change in percent of hospitals with supply/staff shortages	≤-10%	-9% – -5%	-4% – 0%	1% – 4%	5% – 9%		≥10%	

- Some dates may have incomplete data due to delays and/or differences in state 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. Figures and values may also differ from state reports due to differing methodologies.
- Color threshold values are rounded before color classification.
- Cases and Deaths:** County-level data from CDC managed aggregate county dataset as of 18:04 EST on 12/27/2020. State values are calculated by aggregating county-level data. 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 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. Because the data are deidentified, total RT-PCR tests are the number of tests performed, not the number of individuals tested. RT-PCR test positivity rate is the number of positive tests divided by the number of tests performed and resulted. Last week data are from 12/17 to 12/23; previous week data are from 12/10 to 12/16; the week one month before data are from 11/19 to 11/25. HHS Protect data is recent as of 15:51 EST on 12/27/2020. Testing data are inclusive of everything received and processed by the CELR system as of 19:00 EST on 12/26/2020.
- 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. The data presented represents raw data provided; we are working diligently with state liaisons to improve reporting consistency. Data is recent as of 15:57 EST on 12/27/2020.
- 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. 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 12:50 EST on 12/27/2020.
- 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 12/14-12/20, previous week is 12/7-12/13.
- 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.”
- Shortages:** Unified hospital dataset in HHS Protect. These data exclude psychiatric, rehabilitation, and religious non-medical hospitals. Includes hospitals reporting a staffing shortage currently or projected within one week. Low supply is defined as a hospital reporting 0 or 1-3 days' supply, not able to obtain, or not able to maintain a 3-day supply of N95s, face masks, gloves, gowns, or eye protection. Data is recent as of 12:50 EST on 12/27/2020.