STATE PROFILE REPORT
01.24.2021

NORTH CAROLINA

This week's State Profile Report makes data for each state available in the same format that has been provided to state officials in previous weeks. The weekly State Profile Reports are currently under review. The format and content may change in coming reports.

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.

NORTH CAROLINA

STATE PROFILE REPORT | 01.24.2021

	STATE	STATE, % CHANGE FROM PREVIOUS WEEK	FEMA/HHS REGION	UNITED STATES
NEW COVID-19 CASES (RATE PER 100,000)	45,695 (436)	-20%	284,894 (426)	1,263,643 (381)
VIRAL (RT-PCR) LAB TEST POSITIVITY RATE	11.3%	-1.9%*	13.1%	10.6%
TOTAL VIRAL (RT-PCR) LAB TESTS (TESTS PER 100,000)	359,671** (3,429**)	-8%**	1,773,266** (2,650**)	10,265,933** (3,092**)
COVID-19 DEATHS (RATE PER 100,000)	531 (5.1)	-12%	4,501 (6.7)	21,658 (6.5)
SNFs WITH ≥1 NEW RESIDENT COVID-19 CASE	40%†	-1%*	34%	26%
SNFs WITH ≥1 NEW STAFF COVID-19 CASE	56%†	-13%*	54%	43%
SNFs WITH ≥1 NEW RESIDENT COVID-19 DEATH	21%†	+0%*	16%	15%
TOTAL NEW COVID-19 HOSPITAL ADMISSIONS (RATE PER 100 BEDS)	4,436 (20)	-14% (-14%)	32,686 (21)	145,543 (20)
NUMBER OF HOSPITALS WITH SUPPLY SHORTAGES (PERCENT)	15 (13%)	+15%	162 (17%)	1,052 (21%)
NUMBER OF HOSPITALS WITH STAFF SHORTAGES (PERCENT)	4 (4%)	+0%	162 (17%)	945 (18%)

COVID-19 VACCINE SUMMARY	DOSES DISTRIBUTED		1ST DOSE ADMINISTERED		FULL COURSE ADMINISTERED	
	TOTAL	RATE PER 100,000	TOTAL	PERCENT OF POPULATION	TOTAL	PERCENT OF POPULATION
	1,246,600	11,885	552,194	5.3%	83,752	0.8%

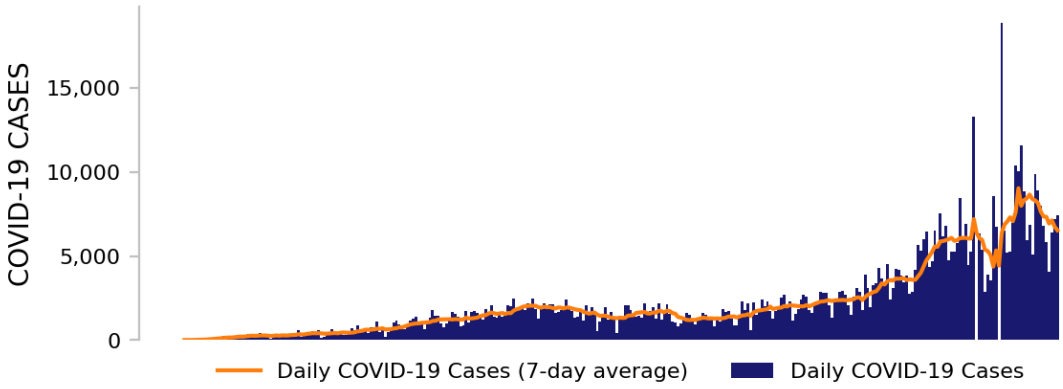
* Indicates absolute change in percentage points.
** Due to delayed reporting, this figure may underestimate total diagnostic tests and week-on-week changes in diagnostic tests.
† 93% of facilities reported during the most current week.

DATA SOURCES and 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 aggregated data provided by the states to the CDC. Data is through 1/22/2021; previous week is 1/9 - 1/15.
Testing: CELR (COVID-19 Electronic Lab Reporting) state health department-reported data through 1/20/2021. Previous week is 1/7 - 1/13.
SNFs: Skilled nursing facilities. National Healthcare Safety Network. Data is through 1/17/2020, previous week is 1/4-1/10.
Admissions: Unified Hospitals Dataset in HHS Protect. Totals include confirmed and suspected COVID-19 admissions.
Shortages: Unified Hospitals Dataset in HHS Protect. Values presented show the latest reports from hospitals in the week ending 1/22/2021.
Vaccinations: CDC COVID Data Tracker. Data includes both the Moderna and Pfizer BioNTech COVID-19 vaccines and reflects current data available as of 16:00 EST on 01/24/2021. Data last updated 06:00 EST on 01/24/2021.
METHODS – details available on last page of report

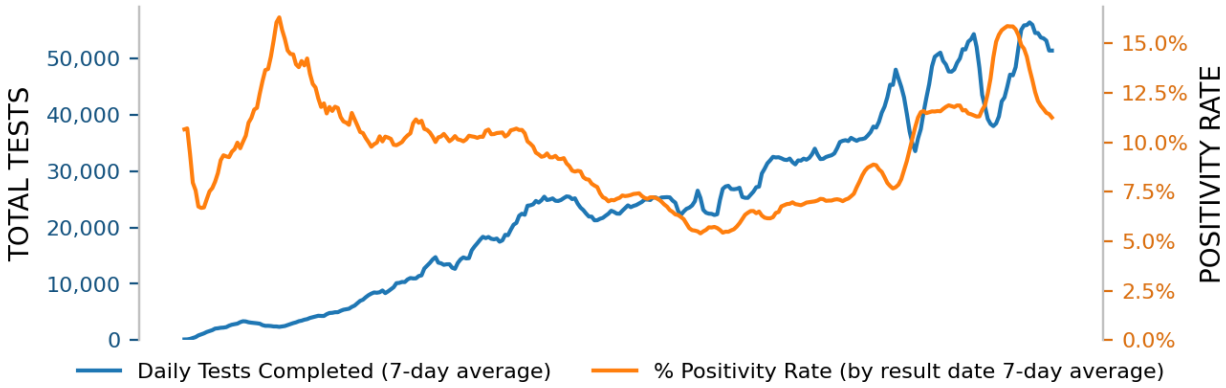
NORTH CAROLINA

STATE PROFILE REPORT | 01.24.2021

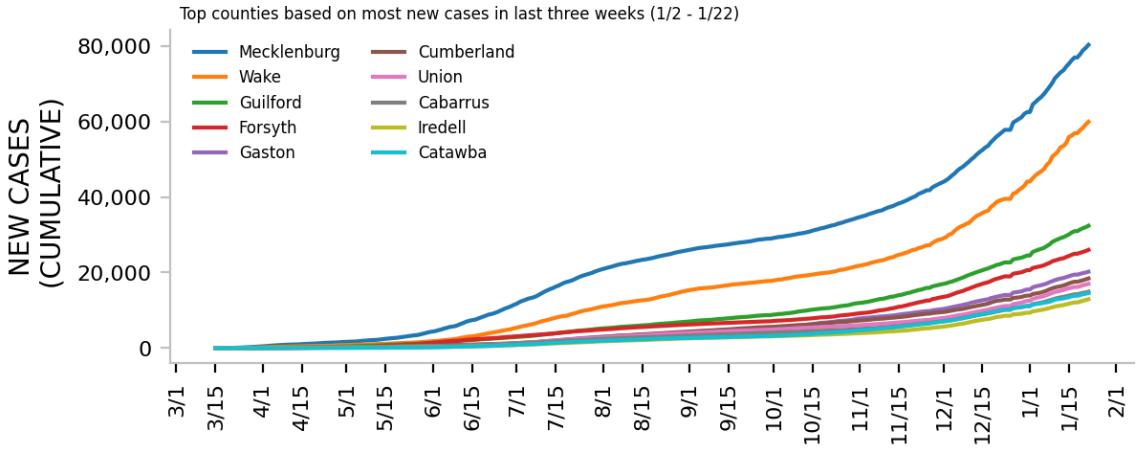
NEW CASES



TESTING



TOP COUNTIES



DATA SOURCES and METHODS

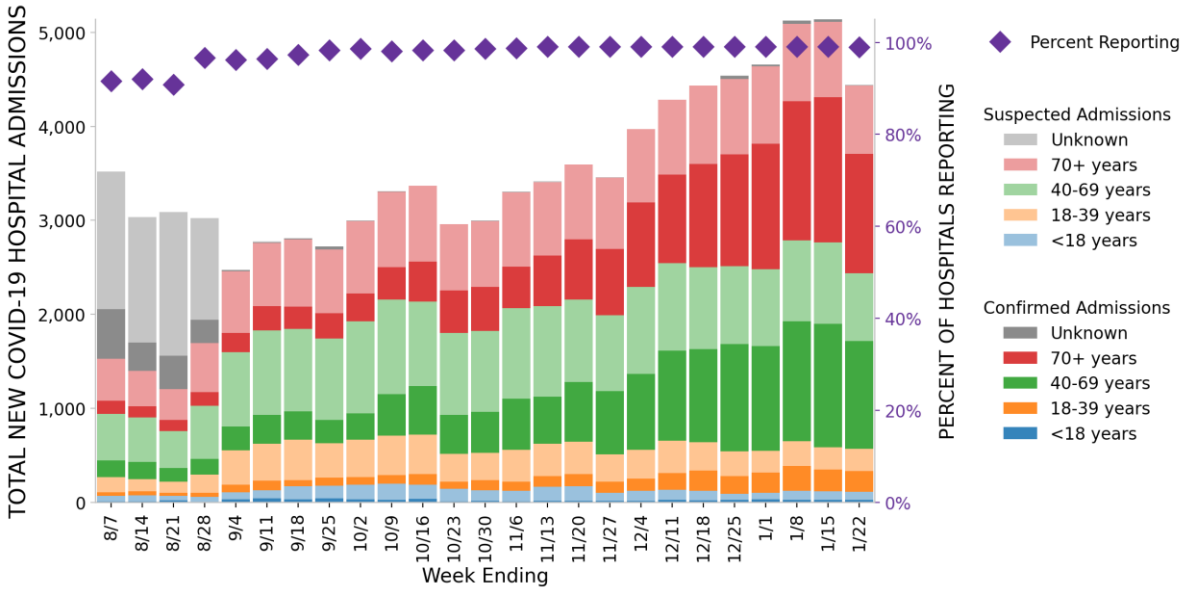
Note: Some dates may have incomplete data due to delays in reporting. Data may be backfilled over time, resulting in week-to-week changes.
Cases: County-level data is from a CDC managed aggregate county dataset compiled from state and local health departments; therefore, the values may not match those reported directly by the state. State values are aggregated data provided by the states to the CDC. Data is through 1/22/2021.
Testing: CELR (COVID-19 Electronic Lab Reporting) state health department-reported data through 1/20/2021.
METHODS – details available on last page of report

NORTH CAROLINA

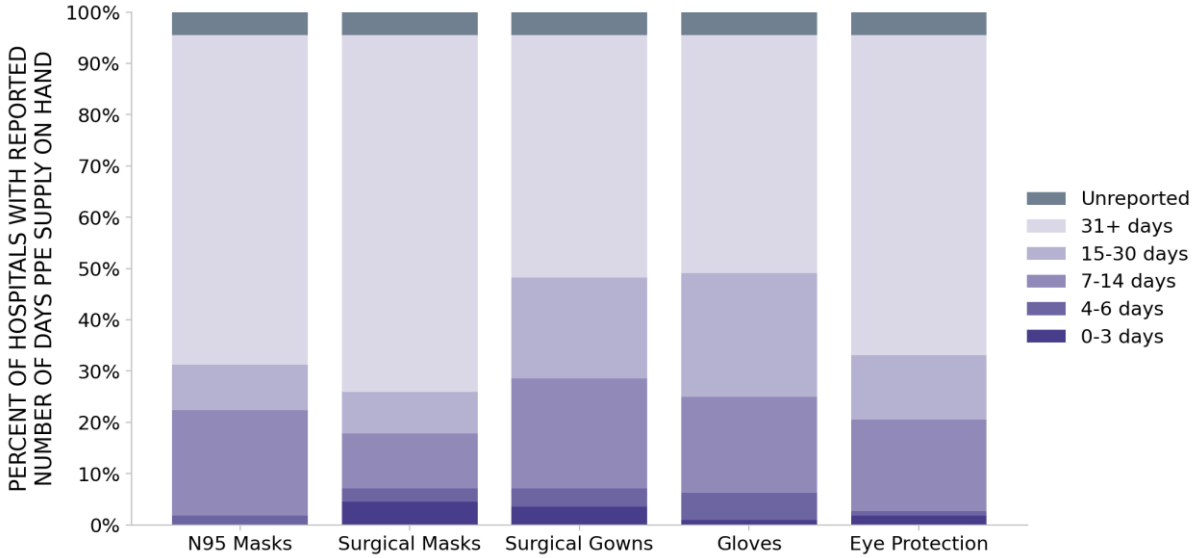
STATE PROFILE REPORT | 01.24.2021

112 hospitals are expected to report in North Carolina

HOSPITAL ADMISSIONS



HOSPITAL PPE SUPPLIES



DATA SOURCES and METHODS

Hospitalizations: Unified Hospitals 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 Hospitals 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 1/20/2021.

METHODS – details available on last page of report

NORTH CAROLINA

STATE PROFILE REPORT | 01.24.2021

COVID-19 COUNTY AND METRO ALERTS*

Based on new cases and test positivity in the last week, top 12 shown in table (full lists below)

	METRO AREA (CBSA)		COUNTIES	
LOCALITIES IN RED ZONE	**29** ▼ (-5)	Charlotte-Concord-Gastonia Greensboro-High Point Winston-Salem Hickory-Lenoir-Morganton Fayetteville Wilmington Jacksonville Greenville Burlington Lumberton Shelby Rocky Mount	**70** ▼ (-15)	Mecklenburg Guilford Forsyth Gaston Cumberland Union Cabarrus Iredell Catawba Davidson Onslow Rowan
LOCALITIES IN ORANGE ZONE	**6** ▲ (+1)	Raleigh-Cary Asheville Kinston Marion Morehead City Laurinburg	**16** ▲ (+4)	Wake Durham New Hanover Henderson Burke Lenoir McDowell Sampson Carteret Alexander Edgecombe Scotland
LOCALITIES IN YELLOW ZONE	**3** ▲ (+3)	Durham-Chapel Hill Goldsboro North Wilkesboro	**11** ▲ (+8)	Buncombe Wayne Wilkes Granville Duplin Chatham Madison Greene Warren Yancey Pamlico

Change from previous week's alerts: ▲ Increase ■ Stable ▼ Decrease

All Red CBSAs: Charlotte-Concord-Gastonia, Greensboro-High Point, Winston-Salem, Hickory-Lenoir-Morganton, Fayetteville, Wilmington, Jacksonville, Greenville, Burlington, Lumberton, Shelby, Rocky Mount, New Bern, Pinehurst-Southern Pines, Myrtle Beach-Conway-North Myrtle Beach, Forest City, Wilson, Mount Airy, Roanoke Rapids, Albemarle, Sanford, Washington, Cullowhee, Elizabeth City, Rockingham, Henderson, Virginia Beach-Norfolk-Newport News, Brevard, Kill Devil Hills

All Red Counties: Mecklenburg, Guilford, Forsyth, Gaston, Cumberland, Union, Cabarrus, Iredell, Catawba, Davidson, Onslow, Rowan, Johnston, Pitt, Alamance, Robeson, Randolph, Cleveland, Lincoln, Harnett, Moore, Caldwell, Brunswick, Craven, Rutherford, Wilson, Surry, Rockingham, Nash, Stanly, Franklin, Columbus, Pender, Halifax, Lee, Beaufort, Haywood, Stokes, Richmond, Vance, Yadkin, Hoke, Davie, Macon, Pasquotank, Person, Montgomery, Jackson, Bladen, Transylvania, Dare, Anson, Cherokee, Caswell, Ashe, Polk, Hertford, Northampton, Currituck, Swain, Avery, Chowan, Bertie, Washington, Perquimans, Alleghany, Camden, Gates, Mitchell, Tyrrell

All Orange Counties: Wake, Durham, New Hanover, Henderson, Burke, Lenoir, McDowell, Sampson, Carteret, Alexander, Edgecombe, Scotland, Martin, Hyde, Clay, Jones

*** 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.

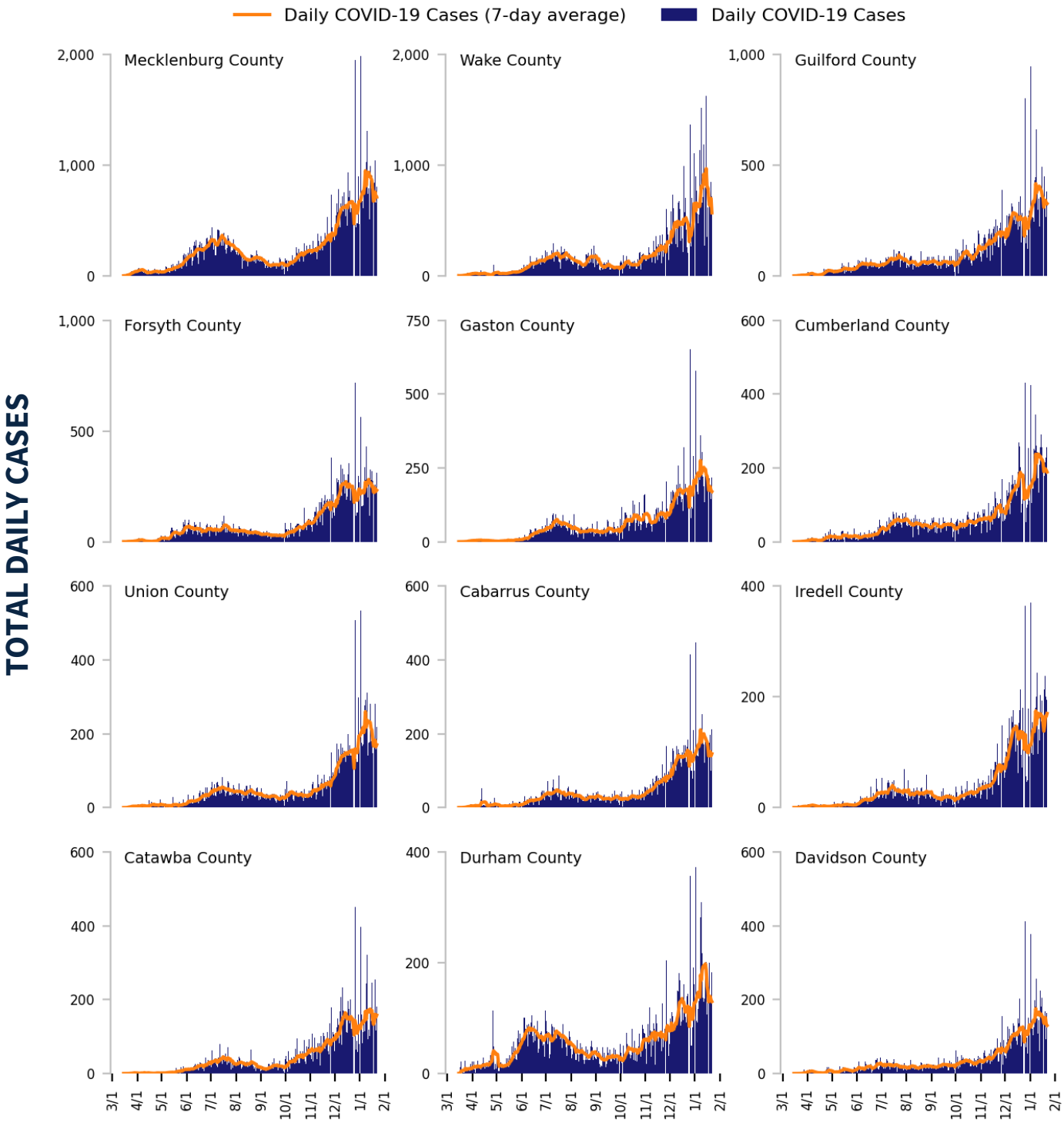
DATA SOURCES and METHODS

Cases and Deaths: CBSA and county values are calculated by aggregating county-level data from a CDC-managed dataset compiled from state and local health departments; therefore, the values may not match those reported directly by the state. Data is through 1/22/2021.

Testing: CELR (COVID-19 Electronic Lab Reporting) state health department-reported data through 1/20/2021.

METHODS – details available on last page of report

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



DATA SOURCES and METHODS

Cases: County-level data is from a CDC managed aggregate county dataset compiled from state and local health departments; therefore, the values may not match those reported directly by the state. Data is through 1/22/2021. Last 3 weeks is 1/2 - 1/22. Counties are listed in order of the number of cases in the last three weeks, from largest to smallest.

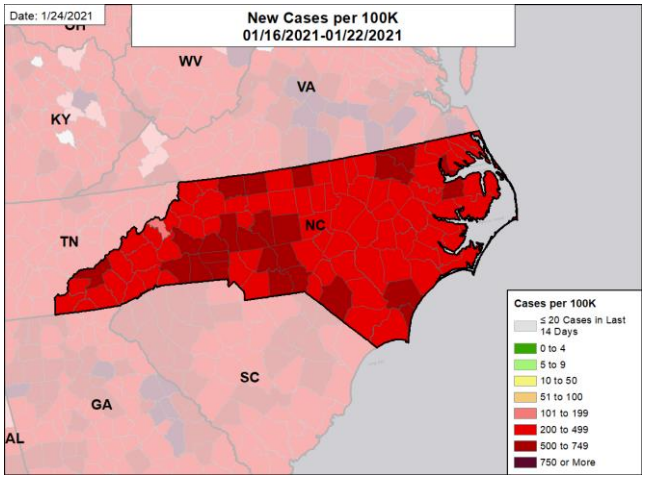
METHODS – details available on last page of report

NORTH CAROLINA

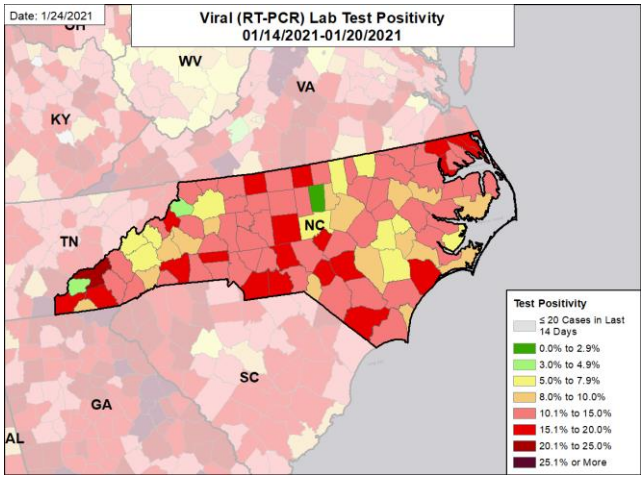
STATE PROFILE REPORT | 01.24.2021

CASE RATES AND VIRAL LAB TEST POSITIVITY

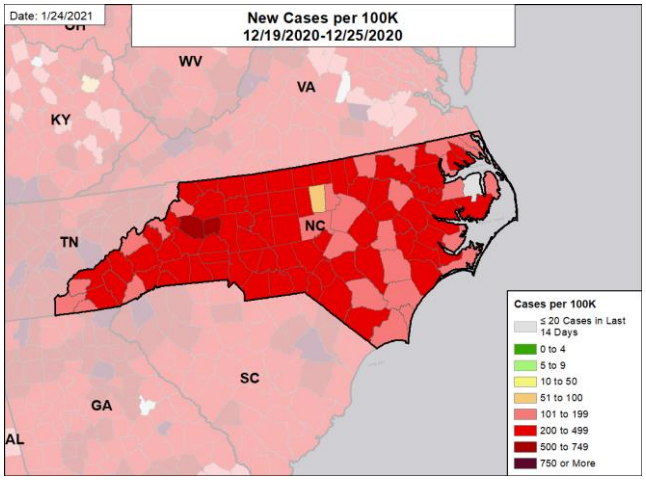
NEW CASES PER 100,000



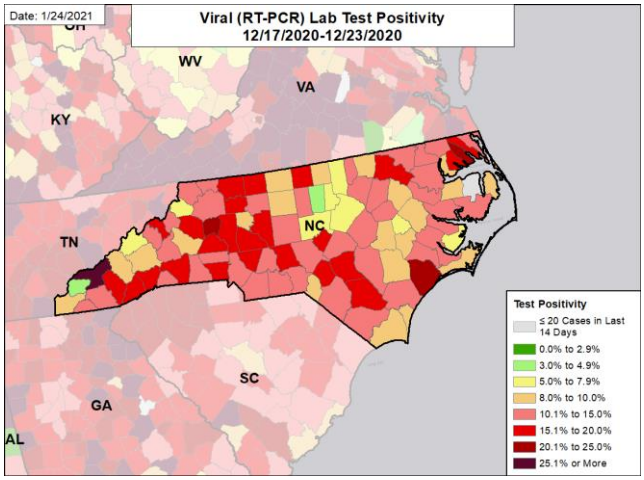
VIRAL (RT-PCR) LABORATORY TEST POSITIVITY



NEW CASES PER 100,000 ONE MONTH BEFORE



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



DATA SOURCES and 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: County-level data is from a CDC managed aggregate county dataset compiled from state and local health departments; therefore, the values may not match those reported directly by the state. Data is through 1/22/2021. The week one month before is 12/19 - 12/25.

Testing: CELR (COVID-19 Electronic Lab Reporting) state health department-reported data through 1/20/2021. The week one month before is 12/17 - 12/23.

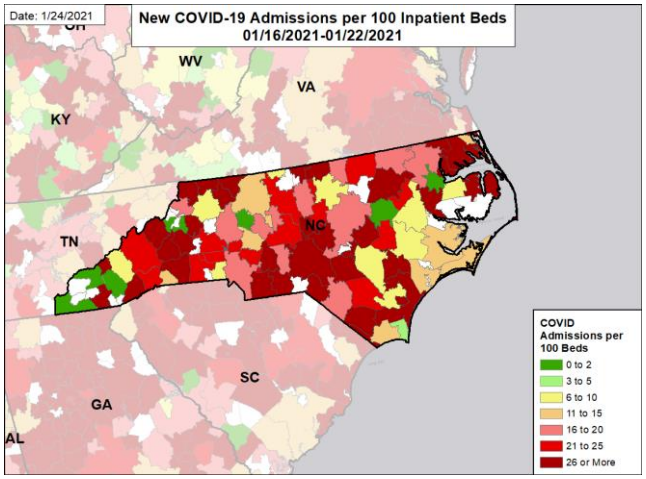
METHODS – details available on last page of report

NORTH CAROLINA

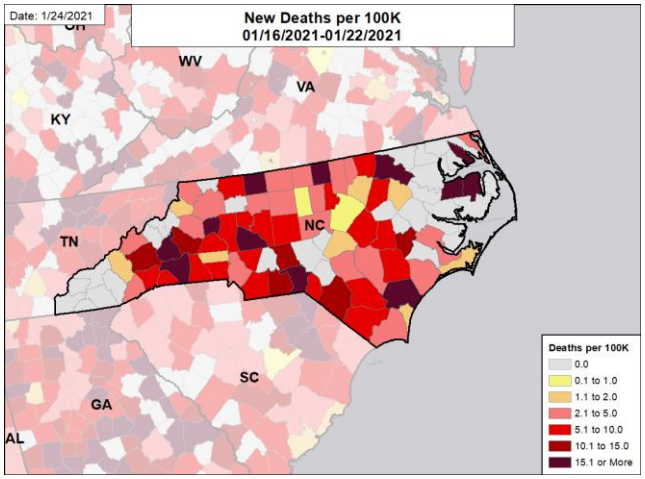
STATE PROFILE REPORT | 01.24.2021

HOSPITAL ADMISSIONS AND DEATH RATES

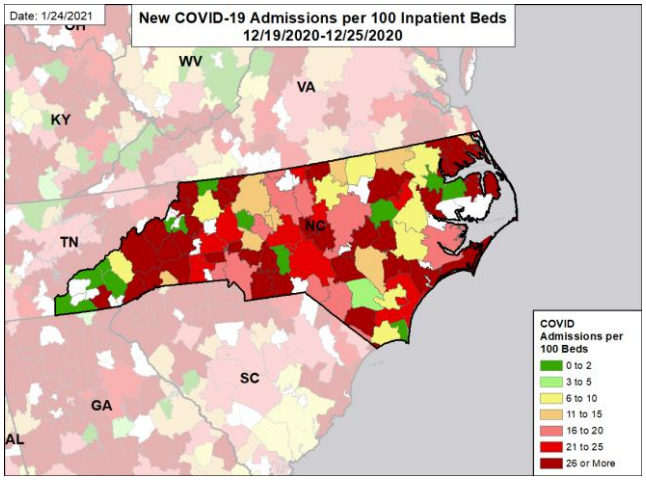
TOTAL NEW COVID-19 ADMISSIONS PER 100 INPATIENT BEDS



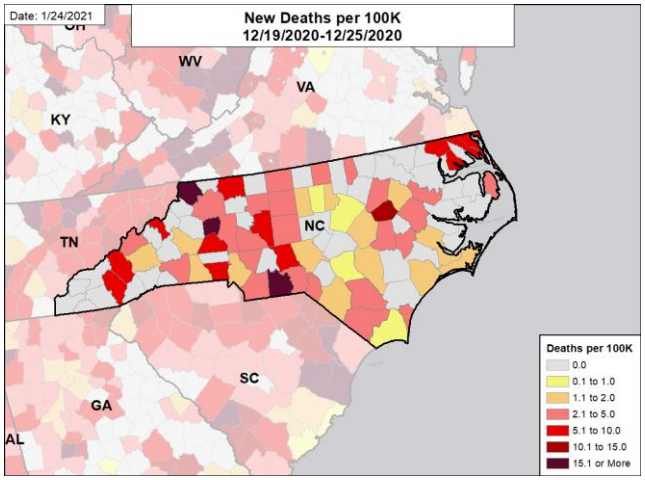
NEW DEATHS PER 100,000



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



NEW DEATHS PER 100,000 ONE MONTH BEFORE



DATA SOURCES and 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.

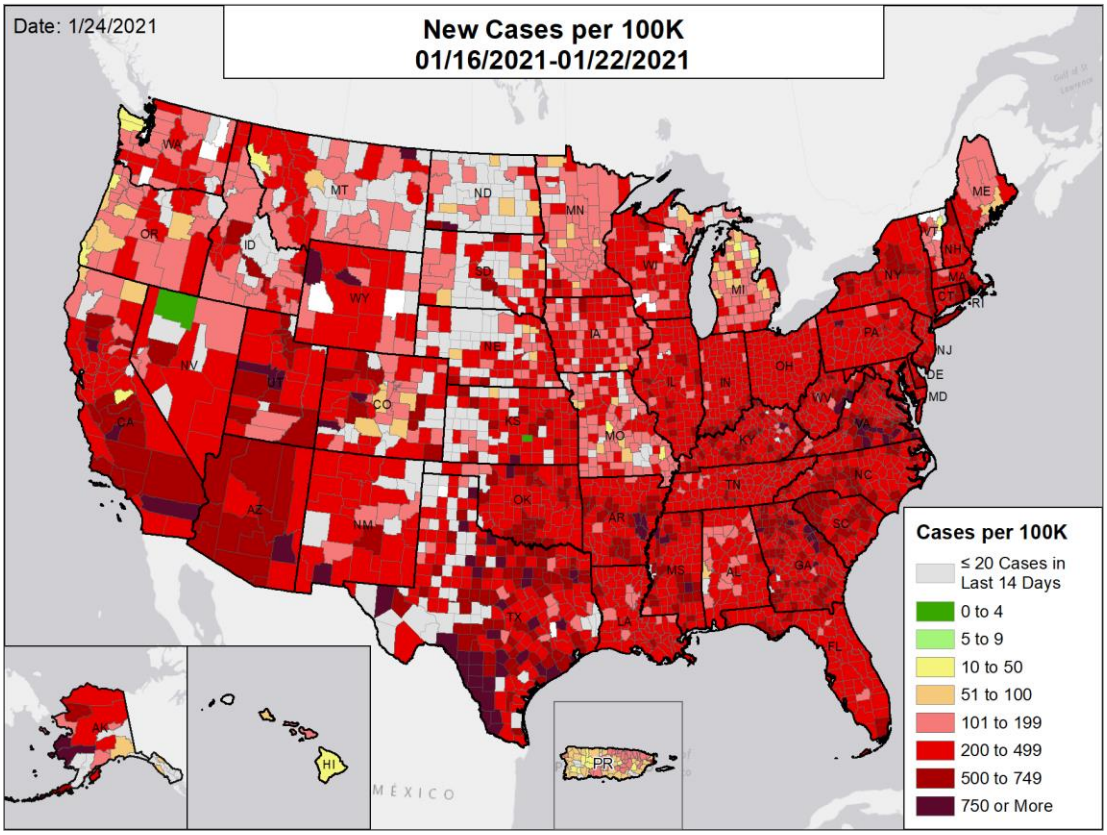
Deaths: County-level data is from a CDC managed aggregate county dataset compiled from state and local health departments; therefore, the values may not match those reported directly by the state. Data is through 1/22/2021. The week one month before is 12/19 - 12/25.

Hospitalizations: Unified Hospitals Dataset in HHS Protect. Totals include confirmed and suspected COVID-19 admissions.

METHODS – details available on last page of report

National Picture

NEW CASES PER 100,000



NATIONAL RANKING OF NEW CASES PER 100,000

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

COVID-19 VACCINE SUMMARY

TOTAL DOSES DISTRIBUTED (RATE PER 100,000)	TOTAL 1ST DOSE ADMINISTERED (PERCENT OF POPULATION)	TOTAL FULL COURSE ADMINISTERED (PERCENT OF POPULATION)
41,411,550 (12,473)	18,502,131 (7.2%)	3,216,836 (1.0%)

DATA SOURCES and 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: County-level data is from a CDC managed aggregate county dataset compiled from state and local health departments; therefore, the values may not match those reported directly by the state. State values are aggregated data provided by the states to the CDC. Data is through 1/22/2021.

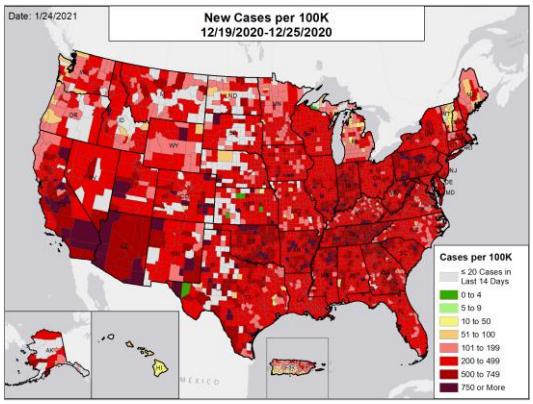
Vaccinations: CDC COVID Data Tracker. Data includes both the Moderna and Pfizer BioNTech COVID-19 vaccines and reflects current data available as of 16:00 EST on 01/24/2021. Data last updated 06:00 EST on 01/24/2021.

METHODS – details available on last page of report

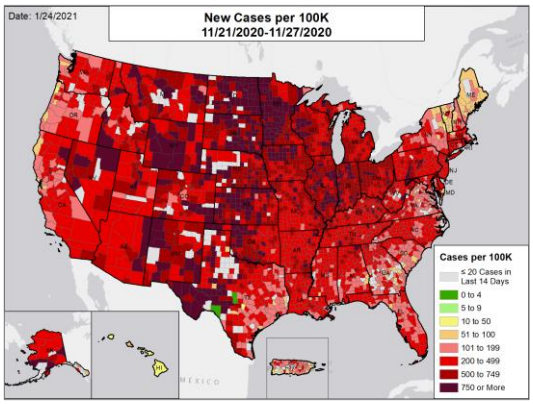
National Picture

NEW CASES PER 100,000 IN THE WEEK:

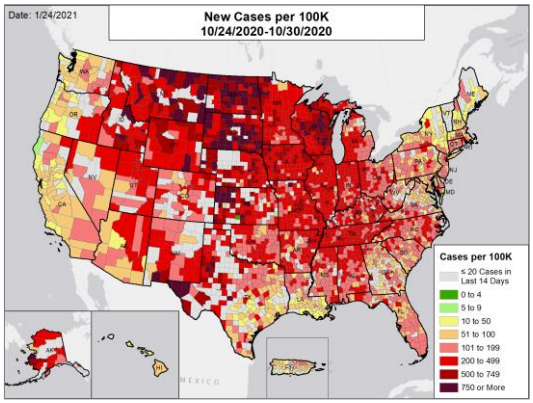
ONE MONTH BEFORE



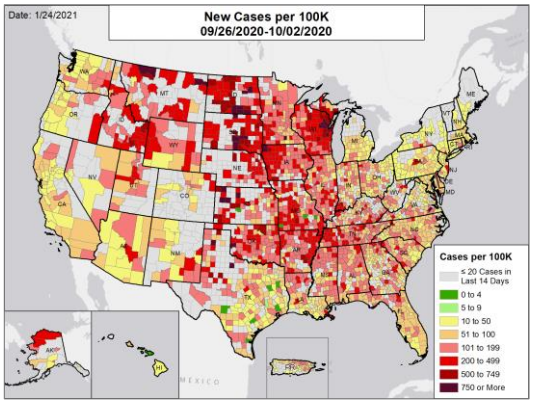
TWO MONTHS BEFORE



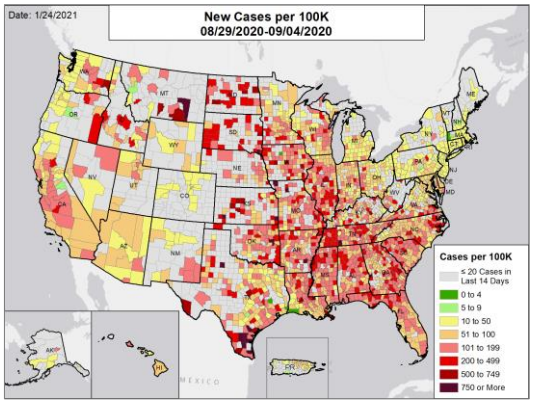
THREE MONTHS BEFORE



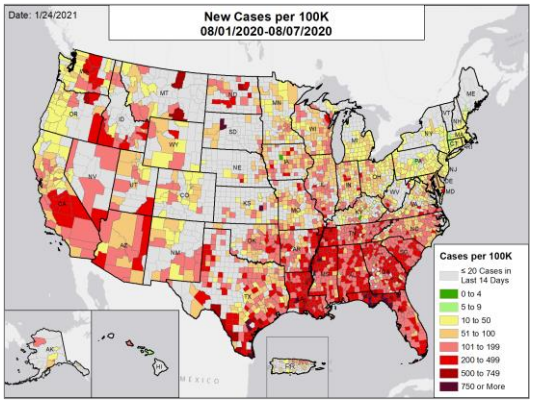
FOUR MONTHS BEFORE



FIVE MONTHS BEFORE



SIX MONTHS BEFORE



DATA SOURCES and METHODS

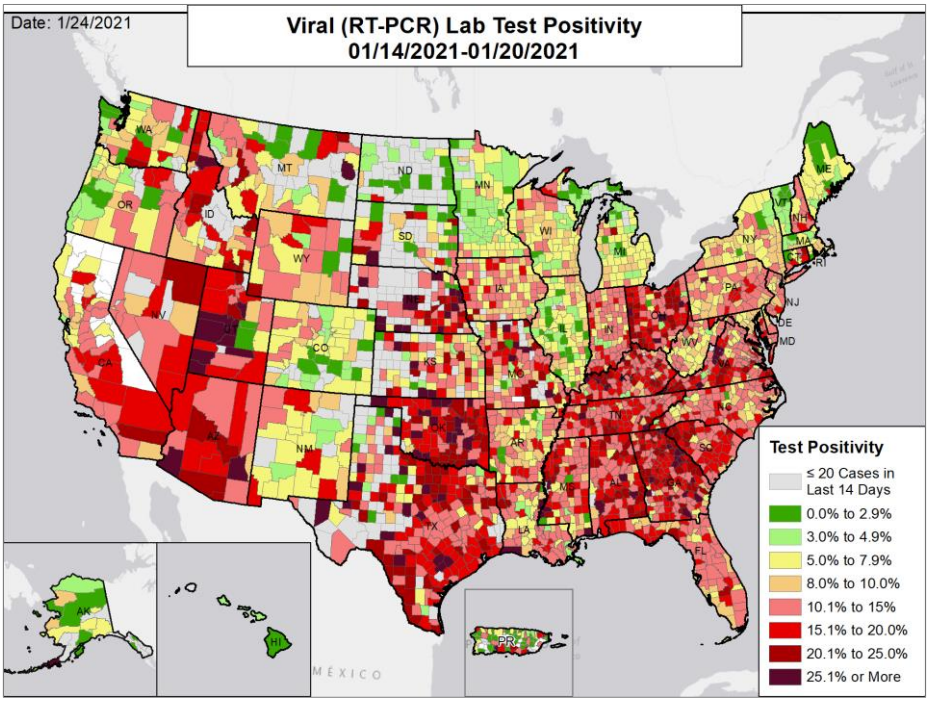
Note: Some dates may have incomplete data due to delays in reporting. Data may be backfilled over time, resulting in week-to-week changes.

Cases: County-level data is from a CDC managed aggregate county dataset compiled from state and local health departments; therefore, the values may not match those reported directly by the state. Data is through 1/22/2021. The week one month before is 12/19 - 12/25; the week two months before is 11/21 - 11/27; the week three months before is 10/24 - 10/30; the week four months before is 9/26 - 10/2; the week five months before is 8/29 - 9/4; the week six months before is 8/1 - 8/7.

METHODS – details available on last page of report

National Picture

VIRAL (RT-PCR) LAB TEST POSITIVITY

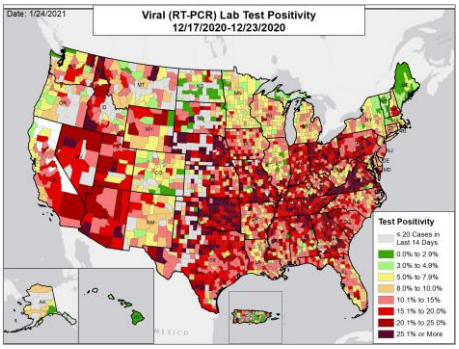


NATIONAL RANKING OF TEST POSITIVITY

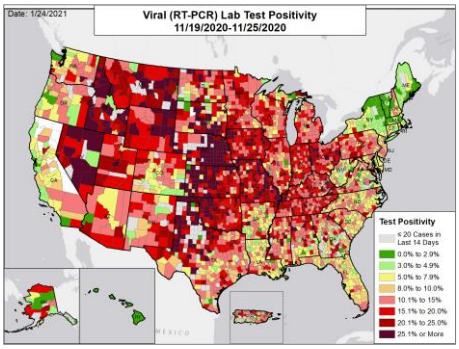
National Rank	State	National Rank	State
1	OK	27	KS
2	AZ	28	WV
3	NV	29	MD
4	UT	30	NY
5	TX	31	PR
6	KY	32	DE
7	GA	33	MT
8	NE	34	NM
9	AL	35	WA
10	SC	36	WI
11	TN	37	WY
12	MS	38	IL
13	ID	39	OR
14	VA	40	MI
15	CA	41	MA
16	FL	42	CO
17	NH	43	ME
18	MO	44	RI
19	NC	45	MN
20	IN	46	DC
21	NJ	47	VT
22	IA	48	AK
23	LA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

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

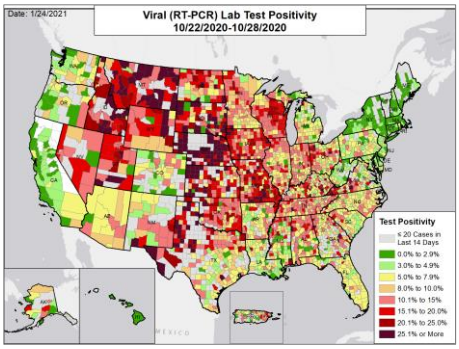
ONE MONTH BEFORE



TWO MONTHS BEFORE



THREE MONTHS BEFORE



DATA SOURCES and METHODS

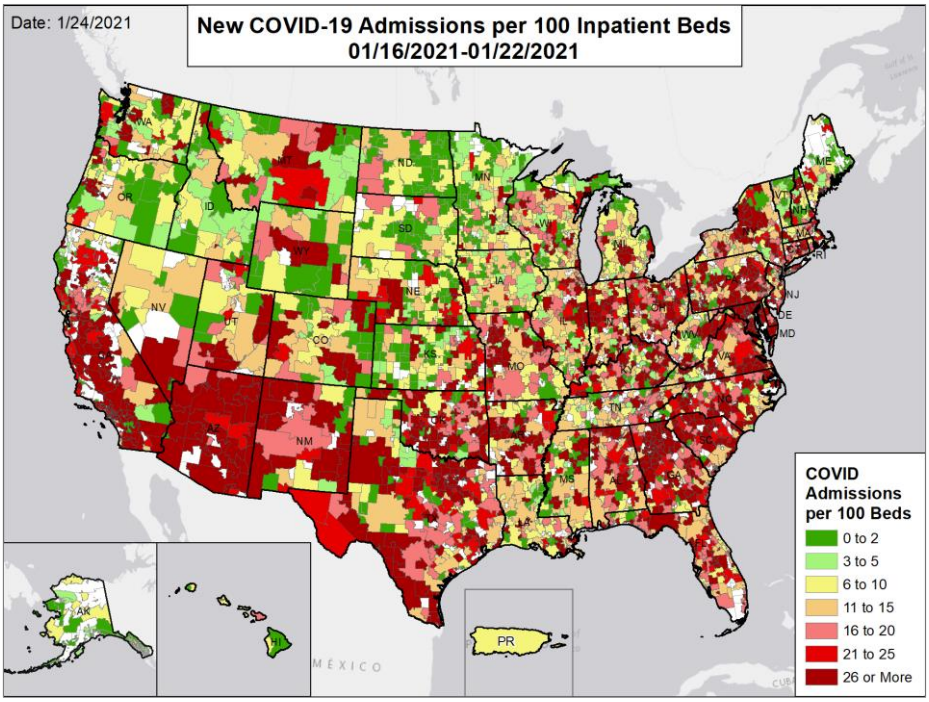
Note: Some dates may have incomplete data due to delays in reporting. Data may be backfilled over time, resulting in week-to-week changes.

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 1/20/2021. The week one month before is 12/17 - 12/23; the week two months before is 11/19 - 11/25; the week three months before is 10/22 - 10/28.

METHODS – details available on last page of report

National Picture

TOTAL NEW COVID-19 ADMISSIONS PER 100 INPATIENT BEDS

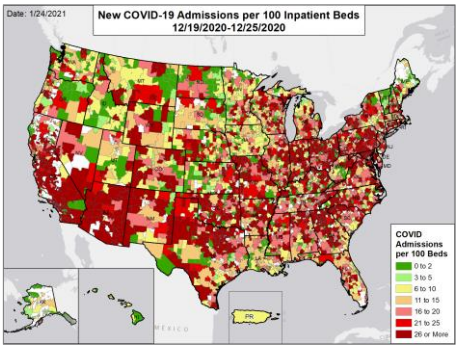


NATIONAL RANKING OF ADMISSIONS PER 100 BEDS

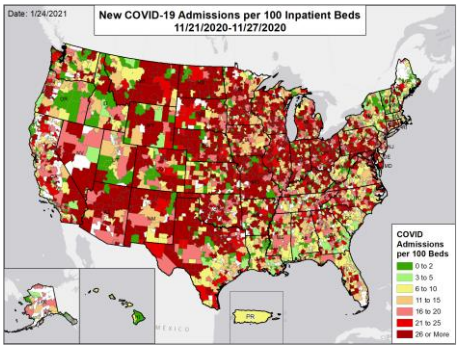
National Rank	State	National Rank	State
1	AZ	27	WV
2	MD	28	KS
3	AR	29	WY
4	GA	30	MT
5	KY	31	WI
6	NM	32	TN
7	DC	33	CO
8	SC	34	MS
9	OK	35	NH
10	CA	36	UT
11	VA	37	NE
12	NV	38	OR
13	TX	39	LA
14	PA	40	MI
15	AL	41	WA
16	DE	42	RI
17	OH	43	VT
18	NC	44	ME
19	NJ	45	IA
20	MO	46	MN
21	CT	47	ND
22	IN	48	SD
23	IL	49	HI
24	FL	50	ID
25	NY	51	PR
26	MA	52	AK

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

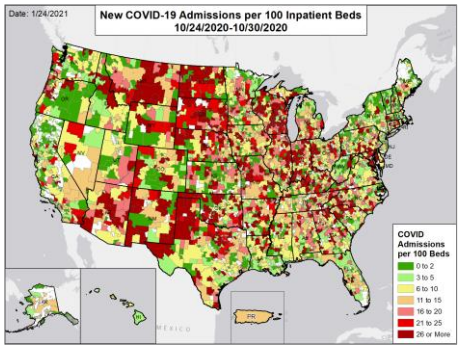
ONE MONTH BEFORE



TWO MONTHS BEFORE



THREE MONTHS BEFORE



DATA SOURCES and METHODS

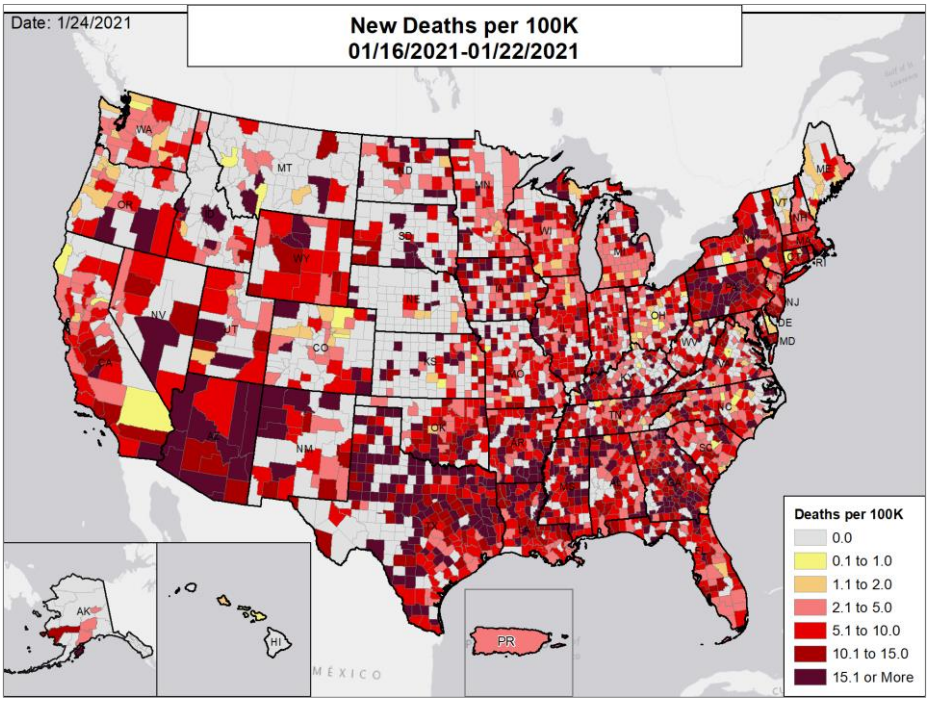
Note: Some dates may have incomplete data due to delays in reporting. Data may be backfilled over time, resulting in week-to-week changes.

Admissions: Unified Hospitals Dataset in HHS Protect through 1/22/2021. Totals include confirmed and suspected COVID-19 admissions. The week one month before is 12/19 - 12/25; the week two months before is 11/21 - 11/27; the week three months before is 10/24 - 10/30.

METHODS – details available on last page of report

National Picture

NEW DEATHS PER 100,000

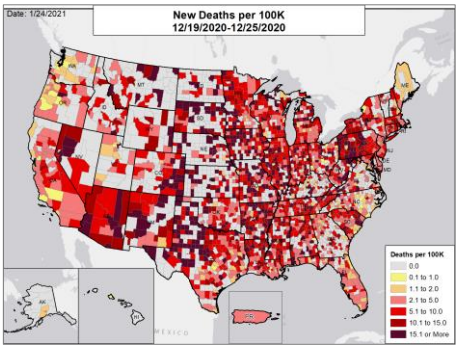


NATIONAL RANKING OF NEW DEATHS PER 100,000

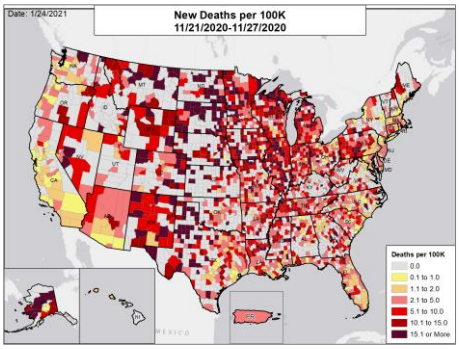
National Rank	State	National Rank	State
1	AZ	27	FL
2	PA	28	IL
3	NM	29	NC
4	AR	30	MD
5	AL	31	OH
6	MS	32	NH
7	CA	33	MO
8	GA	34	VA
9	LA	35	ID
10	WY	36	MI
11	NV	37	ND
12	TX	38	DC
13	RI	39	KS
14	SC	40	AK
15	OK	41	MN
16	IA	42	UT
17	NY	43	WA
18	WV	44	ME
19	MA	45	DE
20	TN	46	OR
21	CT	47	PR
22	WI	48	NE
23	NJ	49	CO
24	SD	50	MT
25	KY	51	HI
26	IN	52	VT

NEW DEATHS PER 100,000 IN THE WEEK:

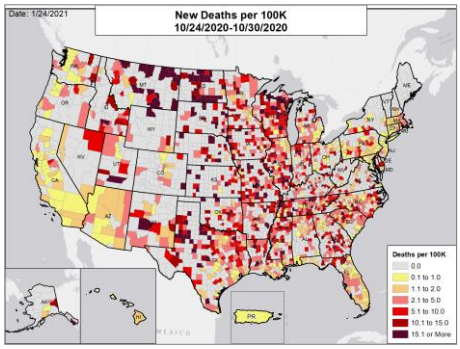
ONE MONTH BEFORE



TWO MONTHS BEFORE



THREE MONTHS BEFORE



DATA SOURCES and 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: County-level data is from a CDC managed aggregate county dataset compiled from state and local health departments; therefore, the values may not match those reported directly by the state. State values are aggregated data provided by the states to the CDC. The week one month before is 12/19 - 12/25; the week two months before is 11/21 - 11/27; the week three months before is 10/24 - 10/30.

METHODS – details available on last page of report

METHODS

STATE PROFILE REPORT | 01.24.2021

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 is from a CDC-managed aggregate county dataset compiled from state and local health departments; therefore, the values may not match those reported directly by the state. State values are aggregated data provided by the states to the CDC. Data is as of 16:00 EST on 01/24/2021.
- **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 1/14 to 1/20; previous week data are from 1/7 to 1/13; the week one month before data are from 12/17 to 12/23. HHS Protect data is recent as of 16:02 EST on 01/24/2021. Testing data are inclusive of everything received and processed by the CELR system as of 19:00 EST on 01/23/2021.
- **Hospitalizations:** Unified Hospitals 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 16:08 EST on 01/24/2021.
- **Hospital PPE:** Unified Hospitals 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 12:49 EST on 01/24/2021.
- **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 1/11-1/17, previous week is 1/4-1/10.
- **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 Hospitals Dataset in HHS Protect. These data exclude psychiatric, rehabilitation, and religious non-medical hospitals. Includes hospitals currently reporting a staffing shortage . 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 12:49 EST on 01/24/2021.
- **Vaccinations:** CDC COVID Data Tracker. Data includes both the Moderna and Pfizer BioNTech COVID-19 vaccines and reflects current data available as of 16:00 EST on 01/24/2021. Data last updated 06:00 EST on 01/24/2021.