Weekly Covid-19 Data Digest

*care*SOUTH carolina

August 4, 2022

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Data included in this report compiled from publicly available sources. For more information or questions, please contact John Douglas, Chief of Business Development, at john.douglas@caresouth-carolina.com or 843-616-1471.
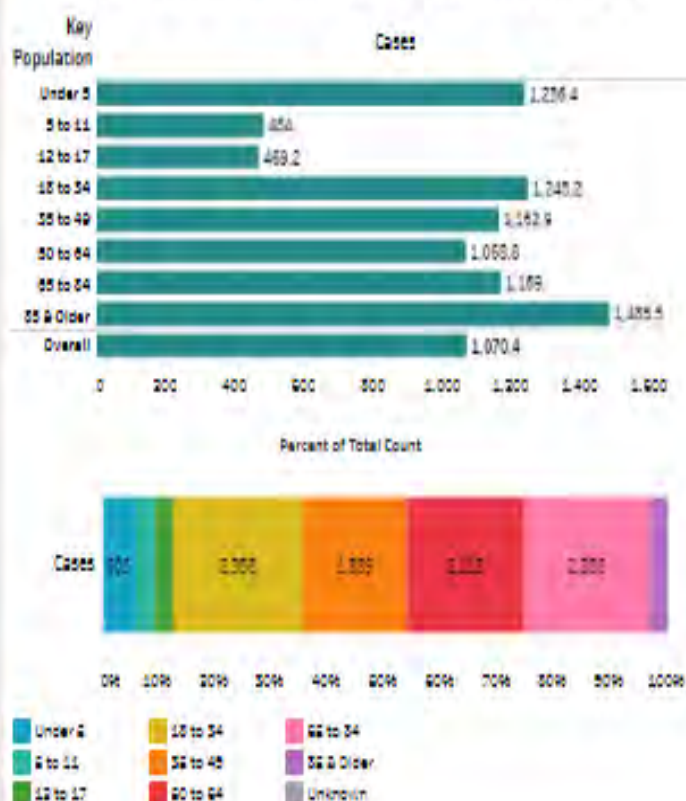
COVID-19 in PeeDee
Data as of 11:59pm on Saturday, July 30, 2022
Currently Displaying 7/4/2022-7/30/2022

Percent Positivity	Total Tests	Cases	Deaths	Completed Vaccinations
23.9%	42,499	10,179	31	1,661

Fixed % Change Most Recent Week Compared to Previous

-6.4%	-13.9%	0.0%	-4.3%

Case Rate per 100k in PeeDee

Rank	
3	Marlboro
12	Marion
14	Sumter
16	Dillon
20	Horry
21	Florence
22	Williamsburg
25	Clarendon
27	Chesterfield
37	Georgetown
41	Darlington
44	Lee

Rate per 100k
742.5 — 4,656.3
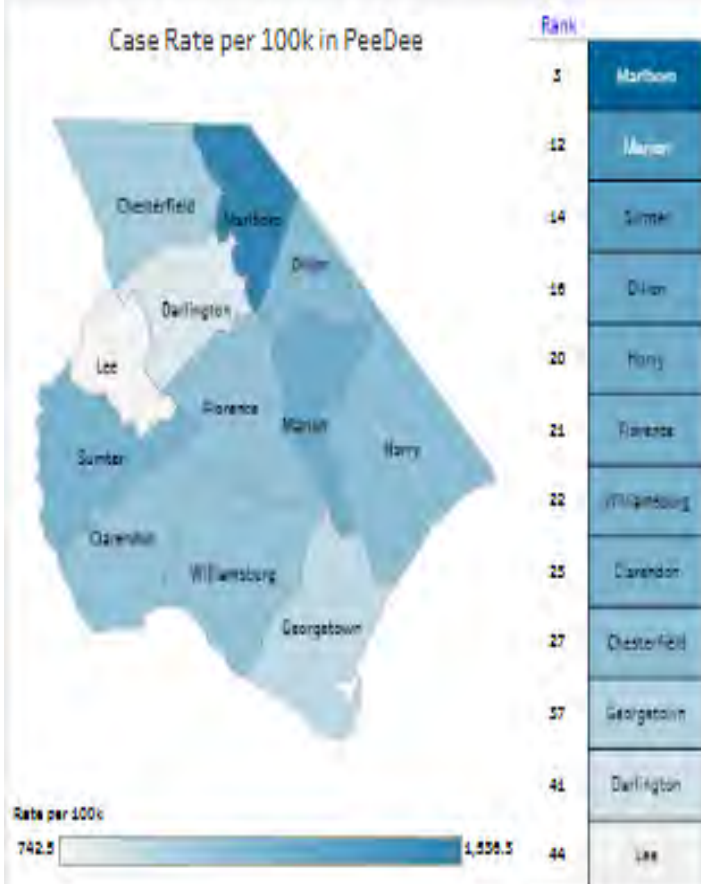
Rate per 100k/Percent Population of Cases by Age in PeeDee

Key
Population | Cases

Age	Rate per 100k
Under 5	1,236.4
5 to 11	656
12 to 17	469.2
18 to 34	1,245.2
35 to 49	1,163.9
50 to 64	1,068.8
65 to 84	1,189
85 & Older	1,185.5
Overall	1,070.4

Percent of Total Count

Cases: 806, 2,306, 1,885, 2,103, 2,306

Legend:
- Under 5
- 5 to 11
- 12 to 17
- 18 to 34
- 35 to 49
- 50 to 64
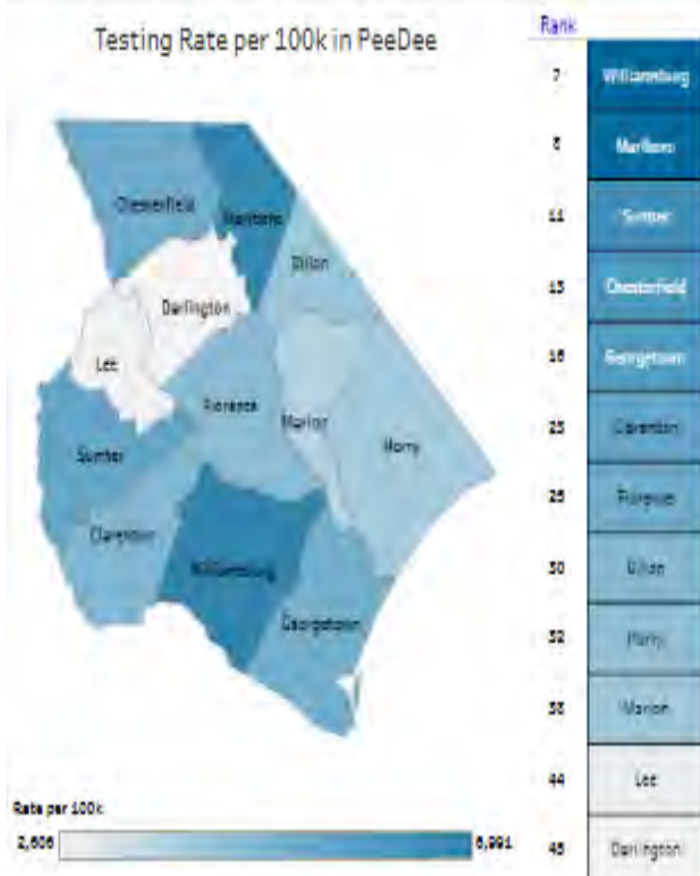- 65 to 84
- 85 & Older
- Unknown

Trend of Cases by Day & 7-day Avg in PeeDee
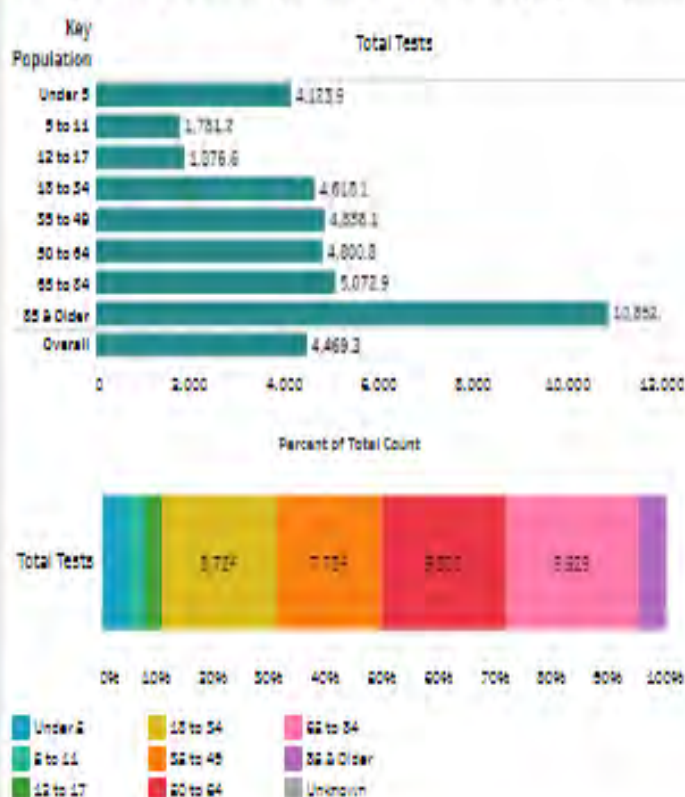

346.1

COVID-19 in PeeDee
Data as of 11:59pm on Saturday, July 30, 2022
Currently Displaying 7/4/2022-7/30/2022

Percent Positivity	Total Tests	Cases	Deaths	Completed Vaccinations
23.9%	42,499	10,179	31	1,661

Fixed % Change Most Recent Week Compared to Previous: ⬇ -6.4% | ⬇ -13.9% | ➡ 0.0% | ⬇ -4.3%

Testing Rate per 100k in PeeDee

Rate per 100k: 2,606 — 6,991

Rank	
7	Williamsburg
8	Marlboro
11	Sumter
15	Chesterfield
16	Georgetown
25	Clarendon
28	Florence
30	Dillon
32	Horry
33	Marion
44	Lee
45	Darlington

Rate per 100k/Percent Population of Total Tests by Age in PeeDee

Key Population — Total Tests

Population	Total Tests
Under 5	4,123.9
5 to 11	1,731.7
12 to 17	1,976.6
18 to 34	4,616.1
35 to 49	4,856.1
50 to 64	4,800.8
65 to 84	5,072.9
85 & Older	10,852.
Overall	4,469.3

Percent of Total Count

Total Tests

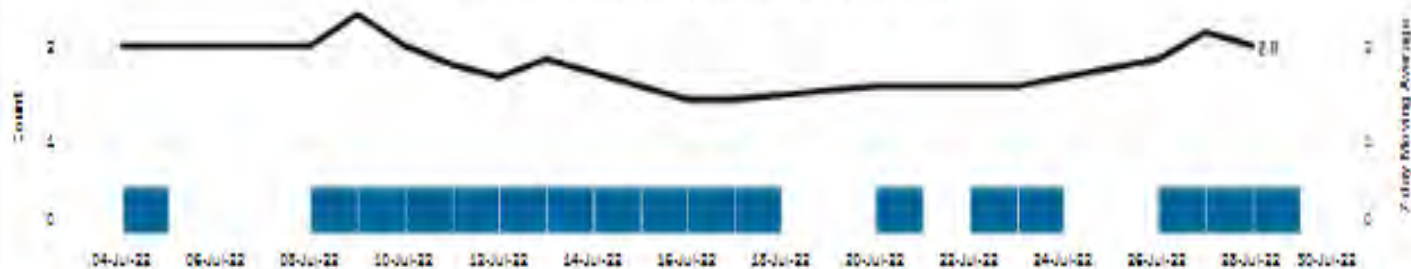Legend: Under 5, 5 to 11, 12 to 17, 18 to 34, 35 to 49, 50 to 64, 65 to 84, 85 & Older, Unknown

Trend of Tests by Day & 7-day Avg in PeeDee
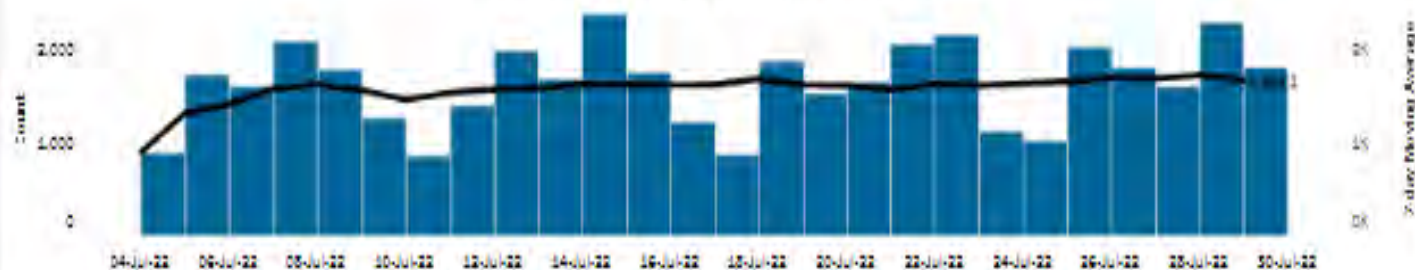
COVID-19 in PeeDee
Data as of 11:59pm on Saturday, July 30, 2022
Currently Displaying 7/4/2022-7/30/2022

Percent Positivity	Total Tests	Cases	Deaths	Completed Vaccinations
23.9%	42,499	10,179	31	1,661

Fixed % Change Most Recent Week Compared to Previous

⬇ -6.4%   ⬇ -13.9%   ➡ 0.0%   ⬇ -4.3%

Death Rate per 100k in PeeDee

Chesterfield, Marlboro, Dillon, Darlington, Lee, Florence, Marion, Sumter, Horry, Clarendon, Williamsburg, Georgetown

Rate per 100k
0.000 — 6.973

Rank	
1	Clarendon
3	Florence
4	Horry
5	Marlboro
7	Dillon
9	Darlington
16	Georgetown
35	Chesterfield
39	Lee
40	Marion
45	Sumter
46	Williamsburg

Rate per 100k/Percent Population of Deaths by Age in PeeDee

Key Population — Deaths

Population	
Under 5	0
5 to 11	0
12 to 17	0
18 to 34	0
35 to 49	Suppressed
50 to 64	3.
65 to 84	9.2
85 & Older	52.3
Overall	3.3

Percent of Total Count

Deaths: 6, 18, 7

Under 5, 5 to 11, 12 to 17, 18 to 34, 35 to 49, 50 to 64, 65 to 84, 85 & Older
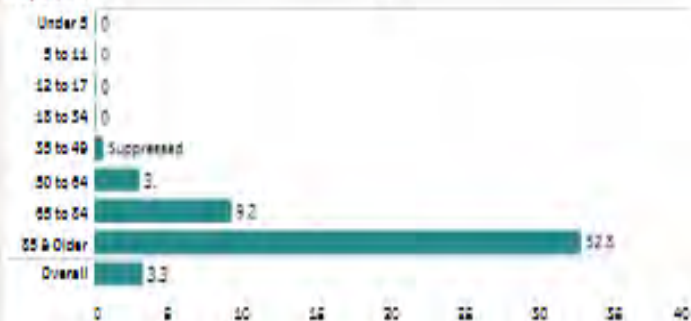
Trend of Deaths by Day & 7-day Avg in PeeDee

2.0

04-Jul-22, 06-Jul-22, 08-Jul-22, 10-Jul-22, 12-Jul-22, 14-Jul-22, 16-Jul-22, 18-Jul-22, 20-Jul-22, 22-Jul-22, 24-Jul-22, 26-Jul-22, 28-Jul-22, 30-Jul-22

COVID-19 in PeeDee
Data as of 11:59pm on Saturday, July 30, 2022
Currently Displaying 2/1/2020 - 7/30/2022

Percent Positivity	Total Tests	Cases	Deaths	Completed Vaccinations
12.7%	2,820,656	287,881	3,811	507,873

Fixed % Change Most Recent Week Compared to Previous

-6.4%	-13.9%	0.0%	-4.3%

Completed Vaccination Rate per 100k in PeeDee

Rank	
2	Georgetown
8	Williamsburg
10	Horry
16	Florence
17	Marion
18	Clarendon
21	Darlington
25	Sumter
29	Lee
40	Dillon
44	Marlboro
46	Chesterfield

Rate per 100k: 56,500 — 62,500

Rate per 100k/Percent Population of First Dose, Completed Vaccinations, Booster 1 and 1 more by Age in PeeDee

Key Population	First Dose	Completed Vaccinations	Booster 1	Booster 2
Under 5	5%	0.%	0	0
5 to 11	18.6%	13.5%	670.8	0
12 to 17	44.0%	38.0%	6,607.1	60.3
18 to 34	45.%	39.8%	8,458.3	131.3
35 to 49	60.9%	52.8%	18,792.1	620.8
50 to 64	77.7%	69.1%	33,666.7	4,000.4
65 to 84	92.8%	82.7%	54,135.7	14,495.6
85 & Older	97.8%	76.2%	45,811	11,660.3
Overall	61.2%	53.4%	24,060.4	4,364.7

Percent of Total Count
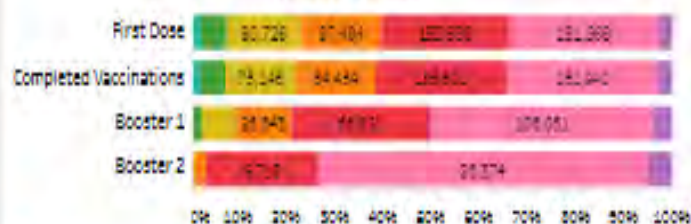
	First Dose	Completed Vaccinations	Booster 1	Booster 2

Legend:
- Under 5
- 5 to 11
- 12 to 17
- 18 to 34
- 35 to 49
- 50 to 64
- 65 to 84
- 85 & Older
- Unknown

Trend of Cases by Day & 7-day Avg in PeeDee

345.1

Hospitalizations in South Carolina
As of 11:59pm on 7/30/2022

Last Week's *Average* **Hospitalization NUMBERS**

582
hospitalized Acute COVID-19 positive individuals

81
COVID-19 positive individuals in the ICU

23
ventilated COVID-19 positive individuals

79.4%
Acute hospital beds at occupancy

1,052
Acute beds currently being utilized

Select Date Window for Graphs
All of Time

WEEKLY HOSPITALIZATION TRENDS

Total Covid Patients by Age & Week
(both in acute care facilities and other)

Total Covid Patients + Total Ventilated Patients by Week

Select a View
Acute ICU Bed Capacity

Acute ICU Bed Capacity by Week

Acute ICU Beds Unoccupied
COVID Acute ICU Beds Occupied
Non-COVID Acute ICU Beds Occupied

CDC Transmission Rates

● High   ● Substantial   ● Moderate   ● Low   ◍ No Data

State Profile Report
07.28.2022

South Carolina

State Synopsis

	Last Week	Change from Previous Week
New COVID-19 Cases per 100,000	248	-16%
Nucleic Acid Amplification Test (NAAT) positivity rate	25.3%	+1.1%
New Confirmed COVID-19 Hospital Admissions per 100,000	13.4	+12%
New COVID-19 Deaths per 100,000	1.0	-24%

COVID-19 Vaccinations

Total fully vaccinated	2,983,656 people	57.9% of total pop.
<5 years with at least one dose	4,442 people	1.5% of <5 pop.
5-11 years fully vaccinated	82,584 people	18.9% of 5+ pop.
12+ years fully vaccinated	2,898,941 people	65.6% of 12+ pop.
65+ years received booster	546,432 people	65.6% of fully vaccinated 65+ pop.

SARS-CoV-2 Variants of Concern

- In the 4 weeks ending 7/2/2022, the following proportions of variants of concern were identified in South Carolina: Omicron: BA.2, 6.8%; BA.2.12.1, 40.6%; BA.4, 15.3%; BA.5, 37.2%

COVID-19 Reported Cases per 100,000 Population (last 7 days) and Percent of Total Population Fully Vaccinated
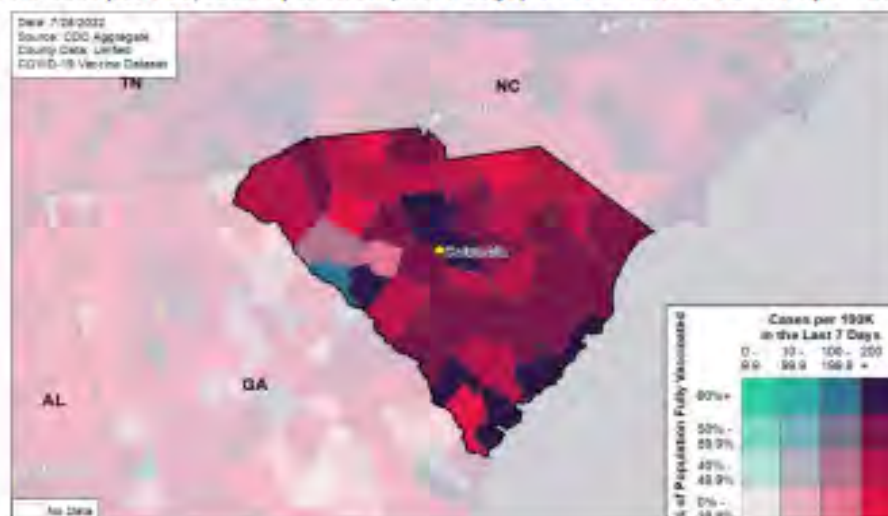
COVID-19

COVID-19

South Carolina

State Profile Report | 07.28.2022

	State	State, % change from previous week	FEMA/HHS Region	United States
New COVID-19 Cases (rate per 100,000)	12,779 (248)	-16%	210,001 (314)	883,907 (266)
Nucleic Acid Amplification Test (NAAT) Positivity Rate	25.3%	+1.1%*	24.4%	18.0%
TOTAL NAAT Volume † (tests per 100,000)	52,481 (1,019)	+6%	702,220 (1,050)	3,462,131 (1,043)
New COVID-19 Deaths (rate per 100,000)	52 (1.0)	-24%	380 (0.6)	2,548 (0.8)
Confirmed new COVID-19 Hospital Admissions (rate per 100,000)	690 (13.4)	+12%	11,527 (17.2)	44,377 (13.4)
COVID-19 Inpatient Occupancy	5%	+1%*	6%	6%
Hospitals With Supply Shortages (%)	6 (9%)	-14%	29 (3%)	180 (3%)

COVID-19 Vaccinations		State	State, % change from previous week	FEMA/HHS Region	United States
	<5 years first dose (% of population)	854 (0.3%)	N/A	12,072 (0.3%)	113,491 (0.6%)
	<5 years fully vaccinated (% of population)	117 (0.0%)	N/A	2,929 (0.1%)	43,923 (0.2%)
	5-11 years first dose (% of population)	752 (0.2%)	+4.3%	10,235 (0.2%)	61,754 (0.2%)
	5-11 years fully vaccinated (% of population)	375 (0.1%)	-18.3%	5,848 (0.1%)	40,320 (0.1%)
	12+ years first dose (% of population)	3,923 (0.1%)	-14.0%	54,528 (0.1%)	272,355 (0.1%)
	12+ years fully vaccinated (% of population)	3,790 (0.1%)	-5.3%	45,908 (0.1%)	210,286 (0.1%)
	12+ years booster dose	5,110	-9.9%	65,820	379,292
	65+ years booster dose	1,798	-9.4%	21,406	98,761

COVID-19

South Carolina

State Profile Report | 07.28.2022

New Cases

Legend: — Daily COVID-19 Cases (7-day average)   ■ Daily COVID-19 Cases

Testing

Legend: — Daily Tests Completed (7-day average)   — % Positivity Rate (by result date 7-day average)

New Deaths
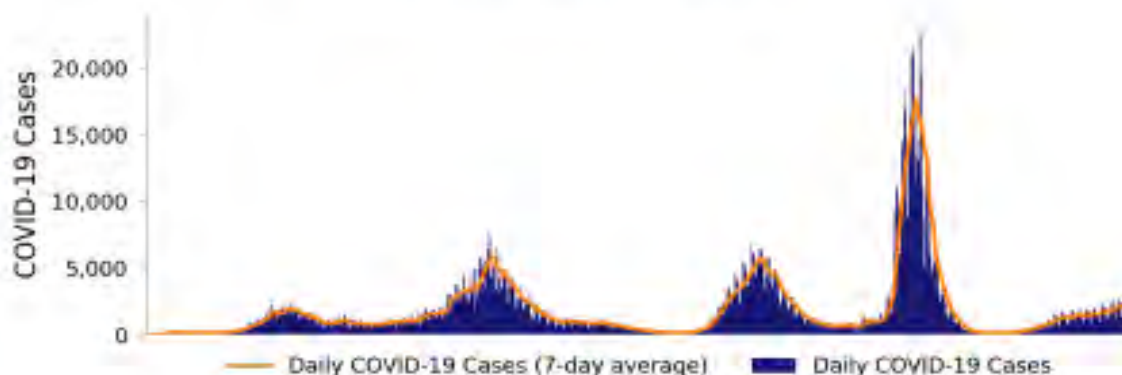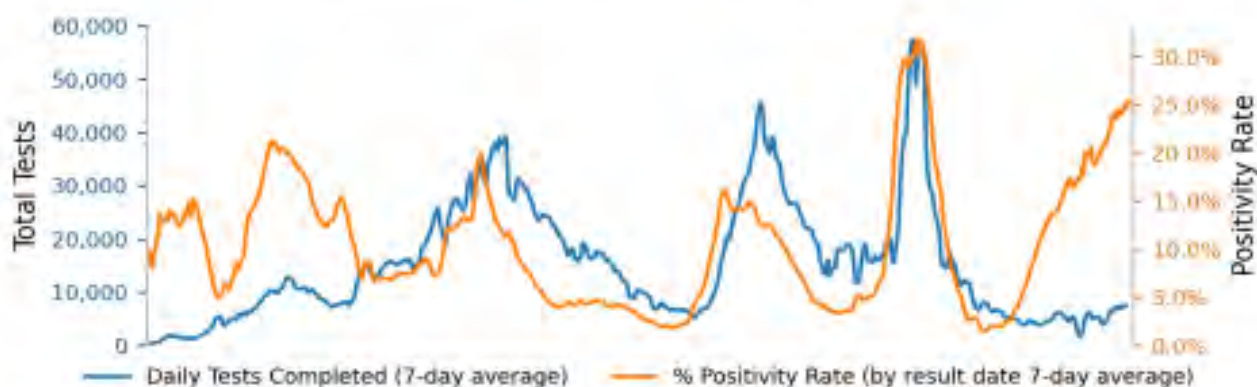
Legend: — Daily COVID-19 Deaths (7-day average)   ■ Daily COVID-19 Deaths
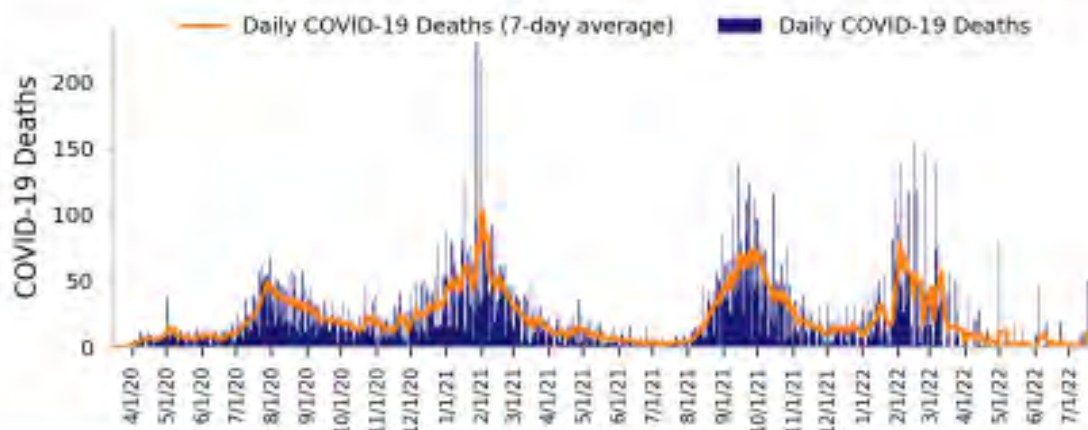
DATA SOURCES
Note: Some dates may have incomplete data due to delays in reporting. Data may be backfilled over time, resulting in week-to-week changes. All three trends share the same horizontal axis shown on the bottom figure.
Cases and Deaths: State values are aggregated data provided by the states to the CDC. Historical cases and deaths exceeding 1% of the total new cases or deaths reported in the US that day have been excluded. Data are through 7/27/2022.
Testing: CELR (COVID-19 Electronic Lab Reporting) state health department-reported data. Test positivity through 7/25/2022. Test volume through 7/21/2022.
METHODS: Details available on last two pages of report.

🇺🇸 COVID-19

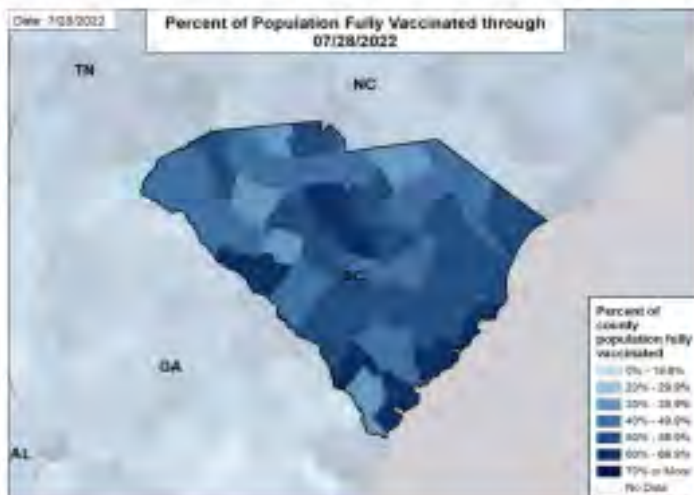# South Carolina

State Profile Report | 07.28.2022

State Vaccination Summary

| **Doses Delivered** | 11,481,475
222,997 per 100k | **Doses Administered** | 7,834,417
152,163 per 100k |

Age Group	At Least One Dose	Fully Vaccinated	Booster Dose†
Total	3,545,149 (68.9%)	2,983,656 (57.9%)	1,257,342 (42.1%)
<5 years	4,442 (1.5%)	125 (0.0%)	N/A
5-11 years	104,168 (23.9%)	82,584 (18.9%)	5,526 (6.7%)
12-17 years	205,597 (53.8%)	173,207 (45.3%)	33,769 (19.5%)
18+ years	3,227,408 (79.9%)	2,725,734 (67.5%)	1,218,021 (44.7%)
65+ years	969,592 (95.0%)	833,278 (88.9%)	546,432 (65.6%)

Percent of Population Fully Vaccinated

Percent of 18+ Population Fully Vaccinated
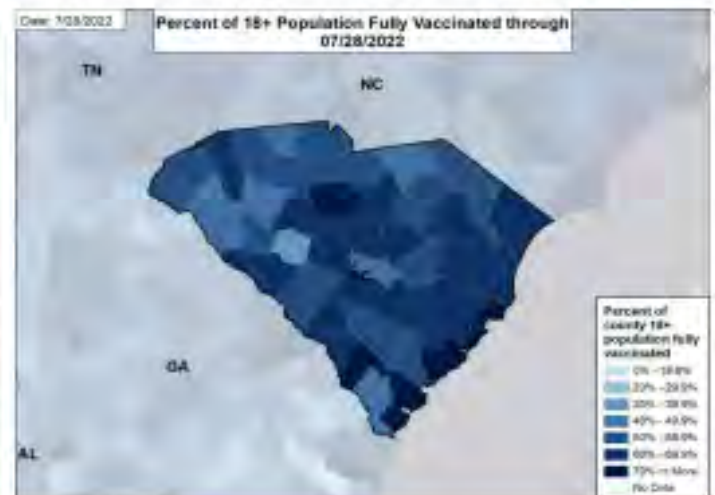
DATA SOURCES
County reporting completeness for South Carolina is 93.1%.
†Booster dose percentages are a proportion of the respective population that is fully vaccinated.
Vaccinations: CDC COVID Data Tracker. Data includes the Moderna, Pfizer BioNTech, and J&J/Janssen COVID-19 vaccines. Data last updated 04:00 EDT on 07/27/2022. Persons who are fully vaccinated include those who have received both doses of the Moderna or Pfizer-BioNTech vaccine as well as those who have received one dose of the J&J/Janssen vaccine.
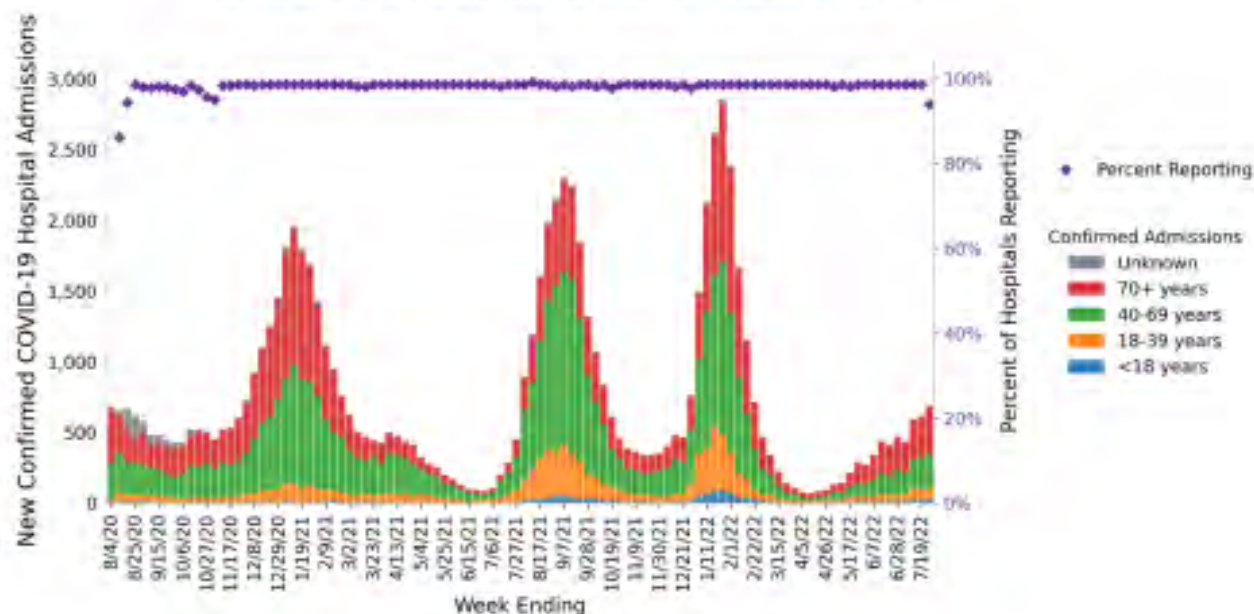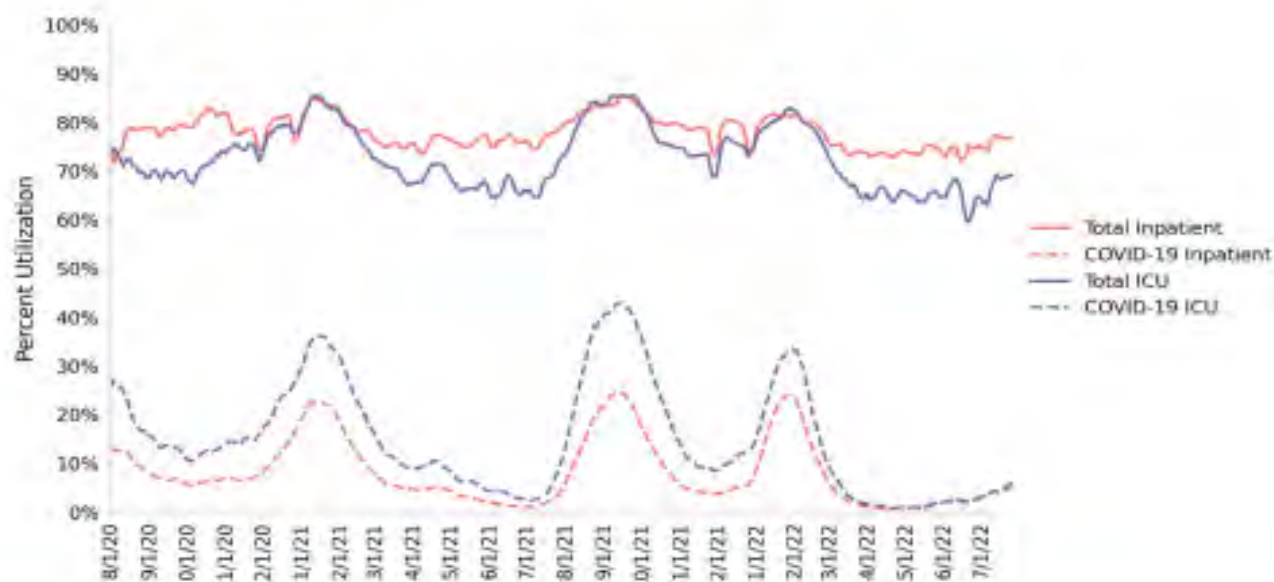**METHODS:** Details available on last two pages of report.

COVID-19

South Carolina

State Profile Report | 07.28.2022

68 hospitals are expected to report in South Carolina

Hospital Admissions

Legend:
- Percent Reporting
- Confirmed Admissions
  - Unknown
  - 70+ years
  - 40-69 years
  - 18-39 years
  - <18 years

New Confirmed COVID-19 Hospital Admissions (left axis), *Percent of Hospitals Reporting* (right axis), x-axis: *Week Ending*

Hospital Utilization

Legend:
- Total Inpatient
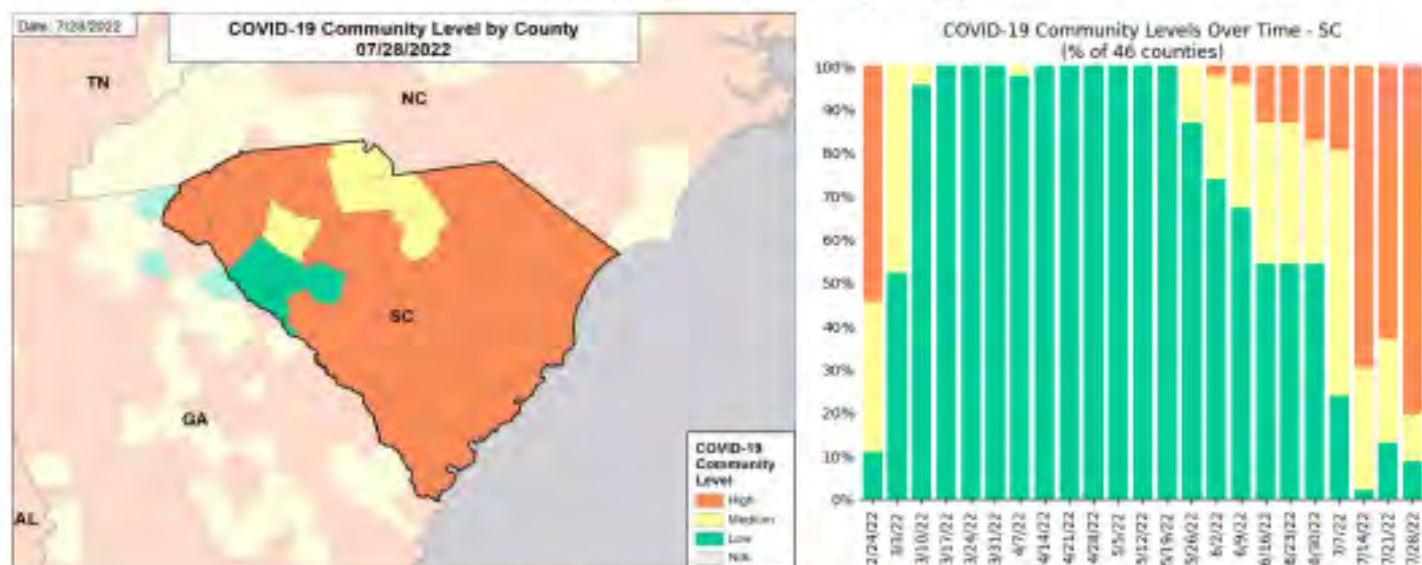- COVID-19 Inpatient
- Total ICU
- COVID-19 ICU

y-axis: *Percent Utilization*

COVID-19

South Carolina

State Profile Report | 07.28.2022

COVID-19 Community Level by county

COVID-19 Community Level by County 07/28/2022

COVID-19 Community Levels Over Time - SC (% of 46 counties)

Counties by COVID-19 Community Level

Category	Low	Medium	High
# of Counties (change)	4 (↓2)	5 (↓6)	37 (↑8)

All Low Counties: Abbeville, Greenwood, McCormick, Saluda
All Medium Counties: Chester, Kershaw, Lancaster, Laurens, York
All High Counties: Aiken, Allendale, Anderson, Bamberg, Barnwell, Beaufort, Berkeley, Calhoun, Charleston, Cherokee, Chesterfield, Clarendon, Colleton, Darlington, Dillon, Dorchester, Edgefield, Fairfield, Florence, Georgetown, Greenville, Hampton, Horry, Jasper, Lee, Lexington, Marion, Marlboro, Newberry, Oconee, Orangeburg, Pickens, Richland, Spartanburg, Sumter, Union, Williamsburg

DATA SOURCES
Maps and figures reflect 7-day average of data from 7/21-7/27 (cases), 7/20-7/26 (hospital data). Metro areas and counties are listed in alphabetical order.
Note: Most recent days may have incomplete reporting.
Cases: County-level data are 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 are through 7/27/2022.
Admissions: Unified Hospitals Dataset in HHS Protect. Data are through 7/26/2022.
COVID-19 Community Levels: COVID-19 Community Level is determined by the higher of the new admissions and inpatient bed metrics, based on the current level of new cases per 100,000 population in the past 7 days. See _____. A county is N/A if hospital data is not available. County data is mapped from Health Service Areas, defined as a single county or cluster of counties that are generally self-contained with respect to hospital care. Previous week levels are computed based on current data.
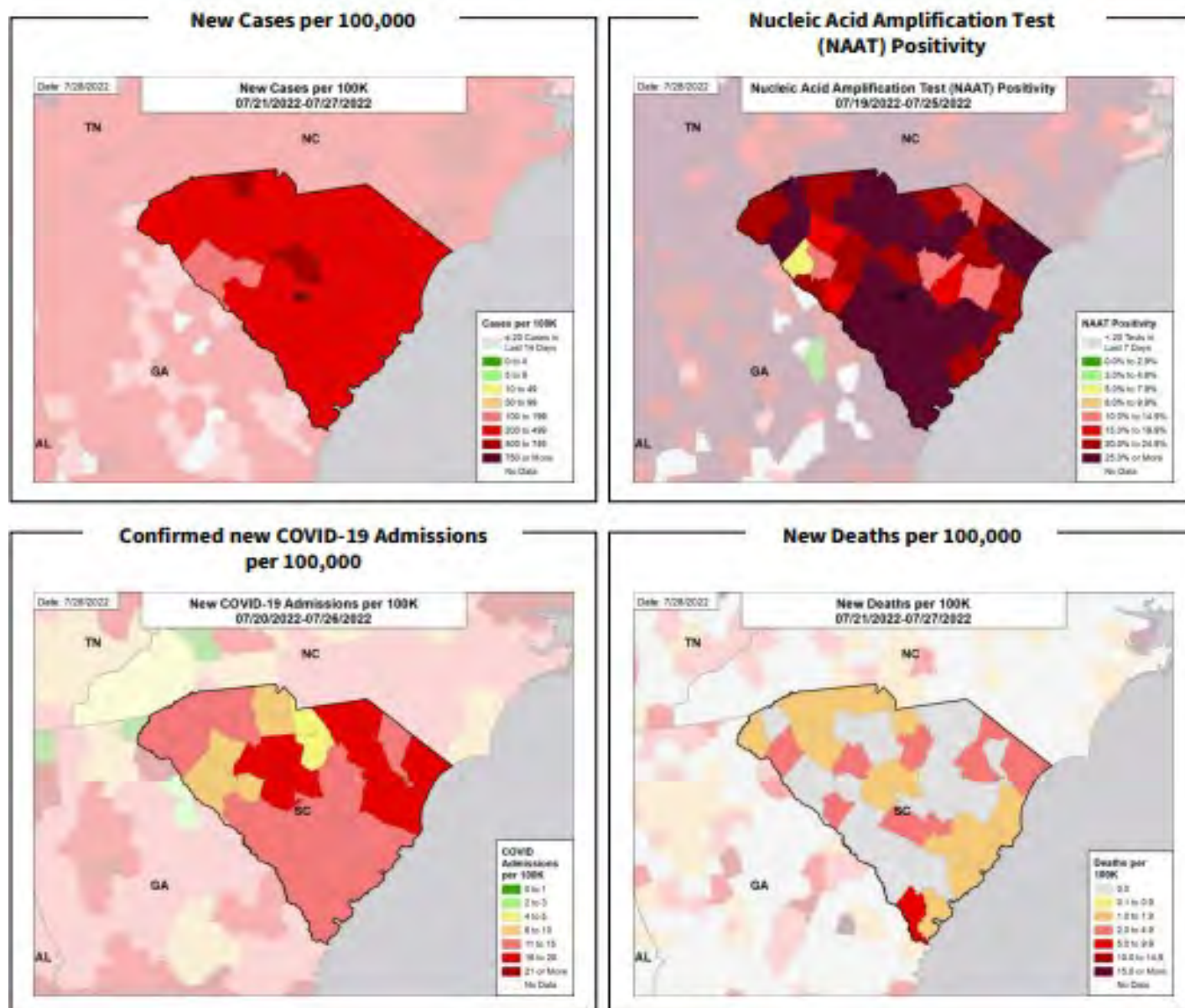**METHODS:** Details available on last two pages of report.

COVID-19

South Carolina

State Profile Report | 07.28.2022

Case Rates, NAAT Positivity, Hospital Admissions, and Death Rates

New Cases per 100,000

Nucleic Acid Amplification Test (NAAT) Positivity

Confirmed new COVID-19 Admissions per 100,000

New Deaths per 100,000

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 and Deaths: County-level data are 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 are through 7/27/2022.
Testing: CELR (COVID-19 Electronic Lab Reporting) state health department-reported data. The term Nucleic Acid Amplification Test (NAAT) includes RT-PCR and other testing methods. Data are through 7/25/2022.
Hospitalizations: Unified Hospitals Dataset in HHS Protect. Totals include only confirmed COVID-19 admissions. County data is mapped from _____, defined as a single county or cluster of counties that are generally self contained with respect to hospital care. Hospitals are assigned to an HSA based on county of location. In some cases, reports are aggregates of multiple facilities that cross HSA boundaries; in these cases, values are assigned based on the county for the aggregate. Data are through 7/26/2022.
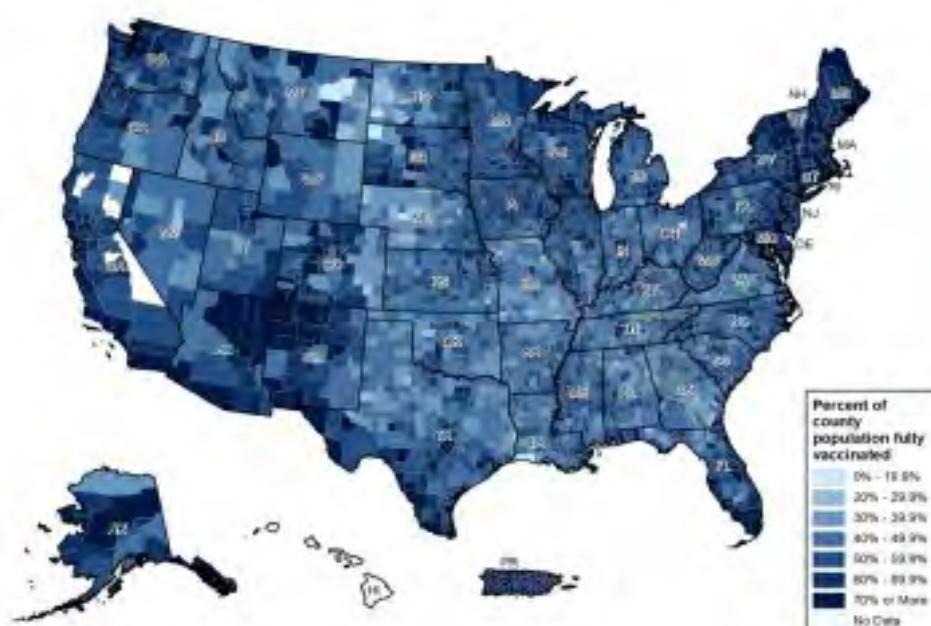**METHODS:** Details available on last two pages of report.

COVID-19

National Picture: Vaccinations

Percent of Population Fully Vaccinated

Percent of county population fully vaccinated
- 0% - 19.9%
- 20% - 29.9%
- 30% - 39.9%
- 40% - 49.9%
- 50% - 59.9%
- 60% - 69.9%
- 70% or More
- No Data

National Ranking of Population Fully Vaccinated

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

Percent of 18+ Years Population Fully Vaccinated

Percent of 65+ Years Population Fully Vaccinated

DATA SOURCES
Vaccinations: [link] Data includes the Moderna, Pfizer BioNTech, and J&J/Janssen COVID-19 vaccines. Data last updated 04:00 EDT on 07/27/2022. Persons who are fully vaccinated include those who have received both doses of the Moderna or Pfizer-BioNTech vaccine as well as those who have received one dose of the J&J/Janssen vaccine. The following states have ≤80% completeness reporting vaccinations by county, which may result in underestimates of vaccination data for counties: VA (79%), GU (75%), VT (74%), and HI (0%).
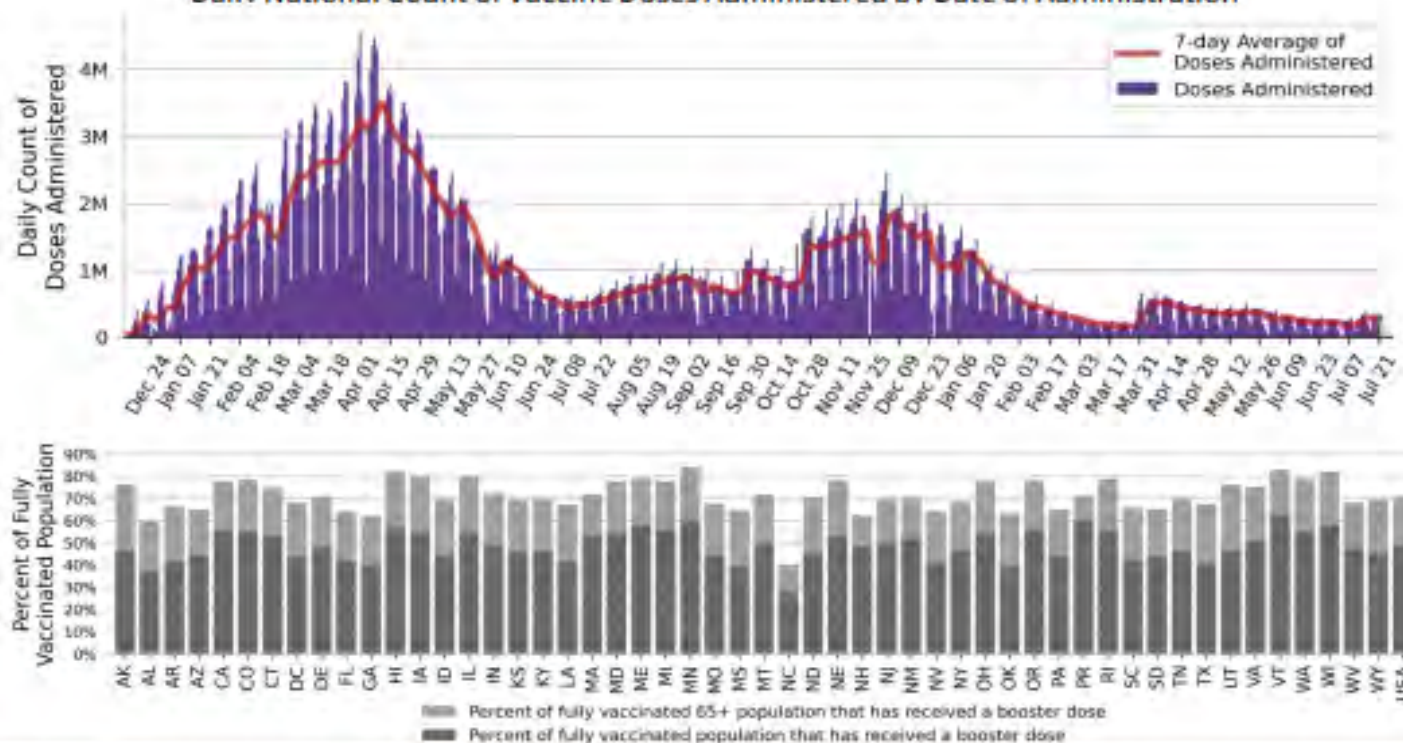**METHODS:** Details available on last two pages of report.

COVID-19

National Picture: Vaccinations

National COVID-19 Vaccine Summary as of 07/27

	Doses Delivered	789,714,195 237,859 per 100k	**Doses Administered**	603,693,871 181,831 per 100k
Age Group	**At Least One Dose**	**Fully Vaccinated**		**Booster Dose†**
Total	261,654,261 (78.8%)	223,245,563 (67.2%)		107,924,198 (48.3%)
<5 years	657,545 (3.3%)	47,561 (0.2%)		N/A
5-11 years	10,713,344 (37.3%)	8,713,129 (30.3%)		910,621 (10.5%)
12-17 years	17,804,106 (70.4%)	15,242,307 (60.2%)		4,352,511 (28.6%)
18+ years	232,314,262 (90.0%)	199,161,619 (77.1%)		102,659,565 (51.5%)
65+ years	57,389,724 (95.0%)	50,361,456 (91.9%)		35,555,267 (70.6%)

Daily National Count of Vaccine Doses Administered by Date of Administration

Percent of fully vaccinated 65+ population that has received a booster dose
Percent of fully vaccinated population that has received a booster dose

COVID-19

National Picture: Vaccinations

National Summary of Vaccinations by Race/Ethnicity

Percent of Race/Ethnicity Group with At Least One Dose

Percent of Race/Ethnicity Group Fully Vaccinated

Race/Ethnicity Group: AI/AN, NH; NH/OPI, NH; Asian, NH; Black, NH; Hispanic/Latino; White, NH

National Summary of Vaccinations by Age

Percent of Age Group with At Least One Dose

Percent of Age Group Fully Vaccinated

Age Group: 75+ years; 65-74 years; 50-64 years; 40-49 years; 25-39 years; 18-24 years; 12-17 years; 5-11 years; <5 years; Adults ≥ 18 years; All Ages

Percent of total population that have received at least one dose
Percent of total population that are fully vaccinated
Number of doses administered per 100,000 population

COVID-19

National Picture: Cases

New Cases per 100,000
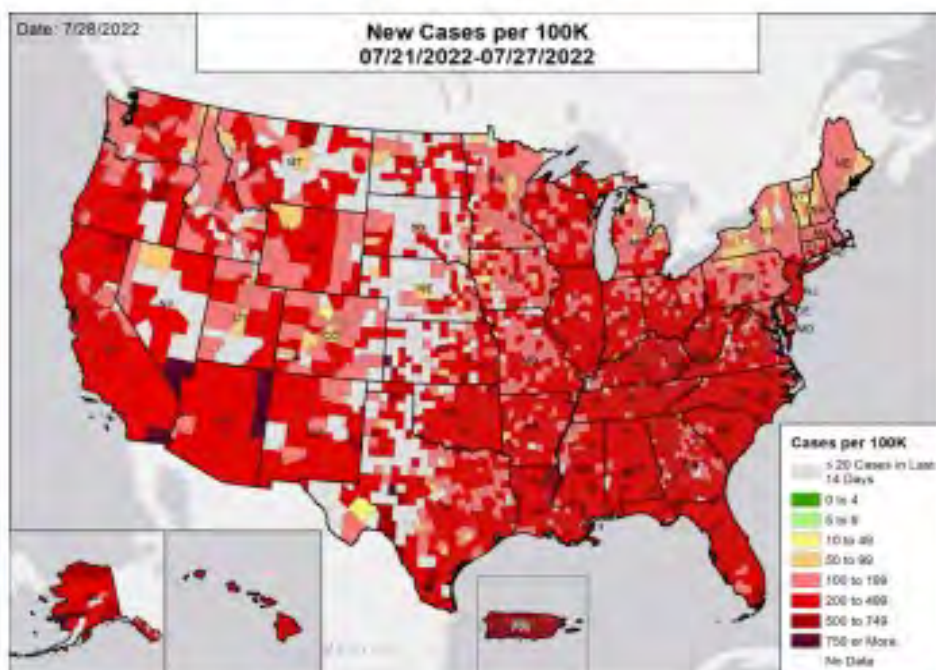
National Ranking of New Cases per 100,000

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

New Cases per 100,000 in the Week:
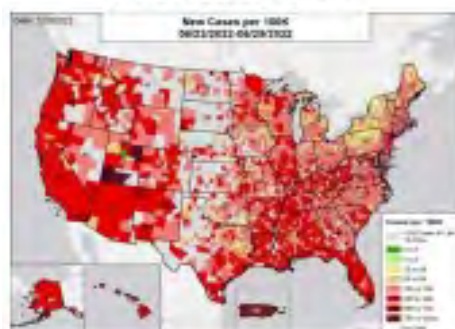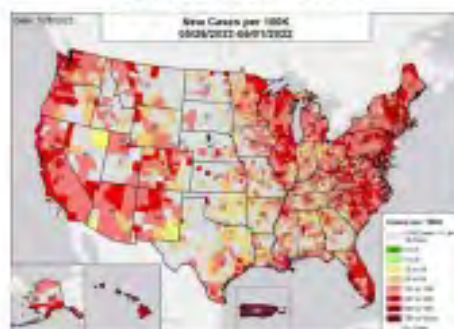
One Month Before

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.
Cases: County-level data are 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 from 6/23 to 6/29; the week two months before is from 5/26 to 6/1; the week three months before is from 4/28 to 5/4.
METHODS: Details available on last two pages of report.

COVID-19

National Picture: NAAT Positivity

Nucleic Acid Amplification Test (NAAT) Positivity
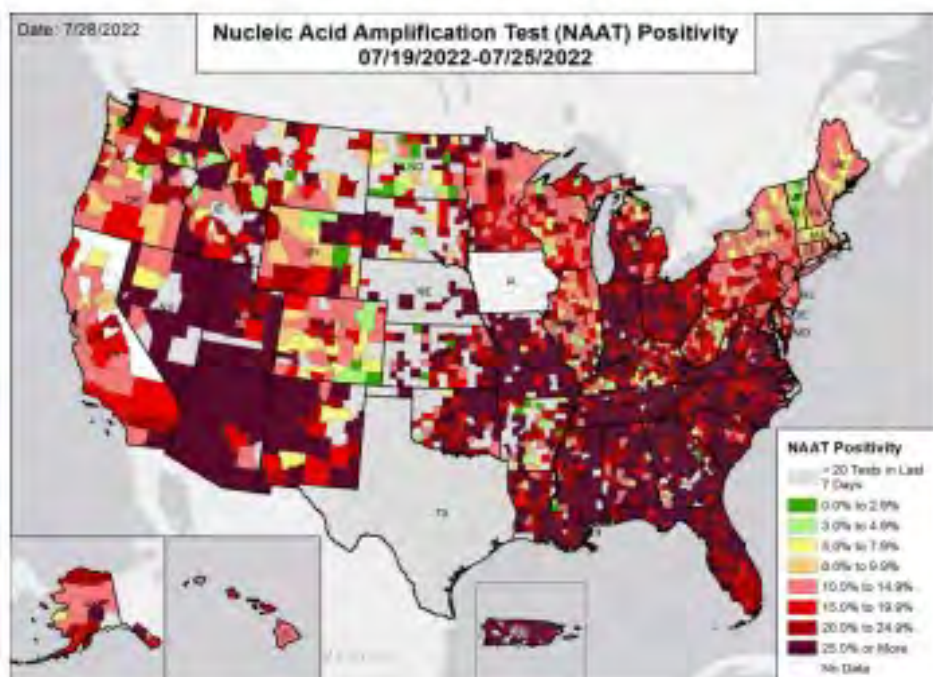

Date: 7/28/2022

Nucleic Acid Amplification Test (NAAT) Positivity
07/19/2022-07/25/2022

NAAT Positivity
- >20 Tests in Last 7 Days
- 0.0% to 2.9%
- 3.0% to 4.9%
- 8.0% to 7.9%
- 8.0% to 9.9%
- 10.0% to 14.9%
- 15.0% to 19.9%
- 20.0% to 24.9%
- 25.0% or More
- No Data

National Ranking of NAAT Positivity

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

Nucleic Acid Amplification Test (NAAT) 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: CELR (COVID-19 Electronic Lab Reporting) state health department-reported data. The term Nucleic Acid Amplification Test (NAAT) includes RT-PCR and other testing methods. Data are through 7/25/2022. The week one month before is from 6/21 to 6/27; the week two months before is from 5/24 to 5/30; the week three months before is from 4/26 to 5/2. As of February 17, 2022, Iowa is no longer reporting negative test results; therefore, test volume and test positivity from this date forward is no longer presented. Due to reporting delays, California's and Texas's test positivity (and test volume) may be incomplete for the last week.
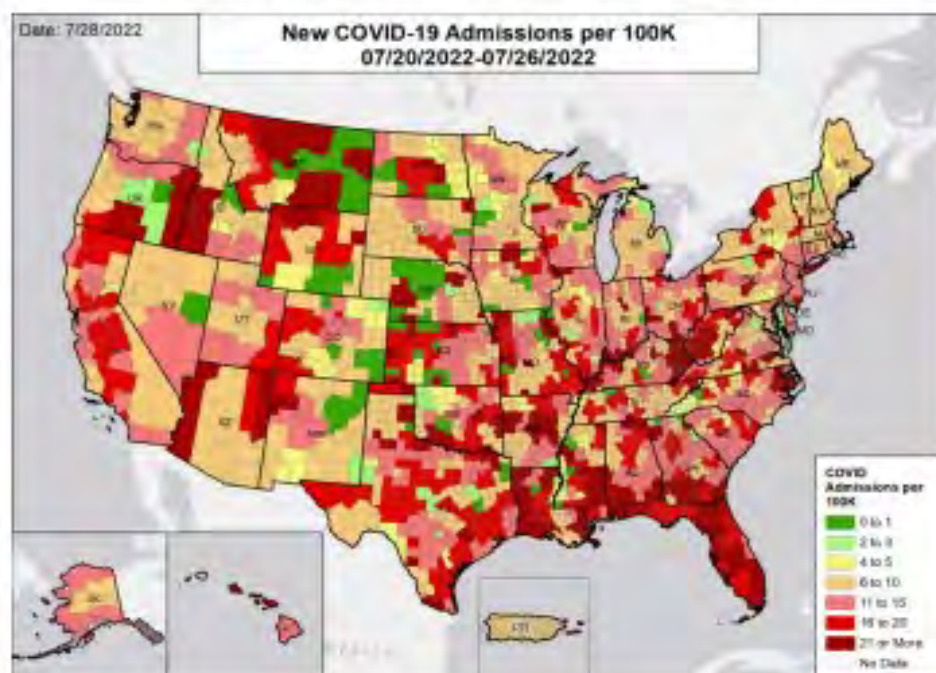**METHODS:** Details available on last two pages of report.

🇺🇸 COVID-19

National Picture: Hospital Admissions

Confirmed New COVID-19 Admissions per 100,000

Date: 7/28/2022

New COVID-19 Admissions per 100K
07/20/2022-07/26/2022

COVID Admissions per 100K

- 🟩 0 to 1
- 🟩 2 to 3
- 🟨 4 to 5
- 🟧 6 to 10
- 🟥 11 to 15
- 🟥 16 to 20
- 🟥 21 or More
  No Date

National Ranking of Confirmed Admissions Per 100,000

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

Confirmed New COVID-19 Admissions per 100,000 in the Week:
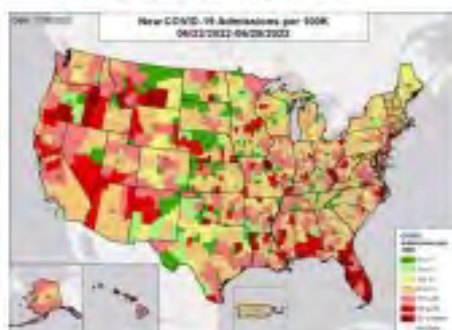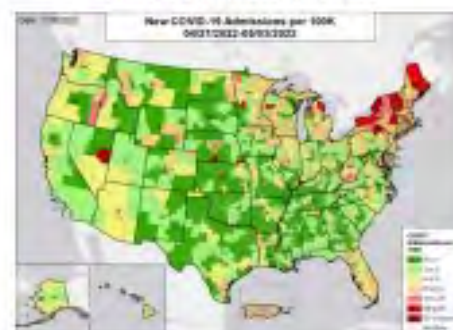
One Month Before

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.
Admissions: Unified Hospitals Dataset in HHS Protect through 7/26/2022. Totals include only confirmed COVID-19 admissions. The week one month before is from 6/22 to 6/28; the week two months before is from 5/25 to 5/31; the week three months before is from 4/27 to 5/3. County data is mapped from Health Service Areas, defined as a single county or cluster of counties that are generally self contained with respect to hospital care. Hospitals are assigned to an HSA based on county of location. In some cases, reports are aggregates of multiple facilities that cross HSA boundaries; in these cases, values are assigned based on the county for the aggregate.
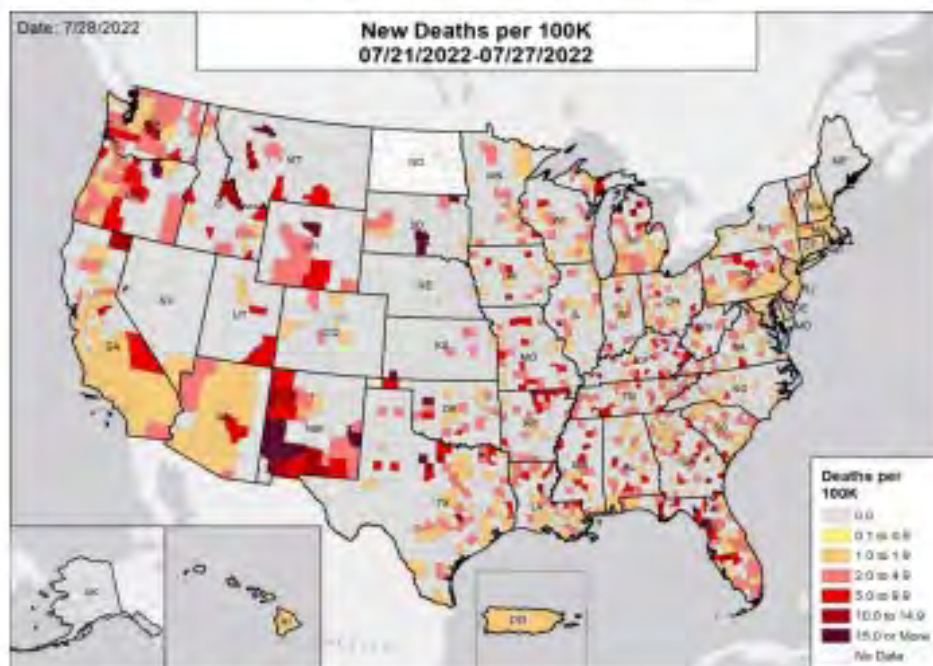**METHODS:** Details available on last two pages of report.

COVID-19

National Picture: Deaths

New Deaths per 100,000

Date: 7/28/2022

New Deaths per 100K
07/21/2022-07/27/2022

Deaths per 100K
- 0.0
- 0.1 to 0.9
- 1.0 to 1.9
- 2.0 to 4.9
- 5.0 to 9.9
- 10.0 to 14.9
- 15.0 or More
- No Data

National Ranking of New Deaths per 100,000

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

New Deaths per 100,000 in the Week:

One Month Before

New Deaths per 100K
06/23/2022-06/29/2022

Two Months Before

New Deaths per 100K
05/26/2022-06/01/2022

Three Months Before

New Deaths per 100K
04/28/2022-05/04/2022

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. Some states report deaths by date of death, periodically backfilling from their data by date of report. This can result in under-estimates or fluctuations in the number of deaths reported in the last week.
Deaths: County-level data are 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. As of 3/2/2021, Ohio changed their method of reporting COVID-19 deaths and will report deaths on the day of death, not the day of report, which could result in a fluctuation in the number of deaths from recent weeks due to delayed reporting. As of 4/7/2022, North Dakota is no longer reporting county-level deaths; therefore, county-level death counts from this date forward are no longer available. Puerto Rico is shown at the territory level as deaths are not reported at the municipio level. The week one month before is from 6/23 to 6/29; the week two months before is from 5/26 to 6/1; the week three months before is from 4/28 to 5/4.
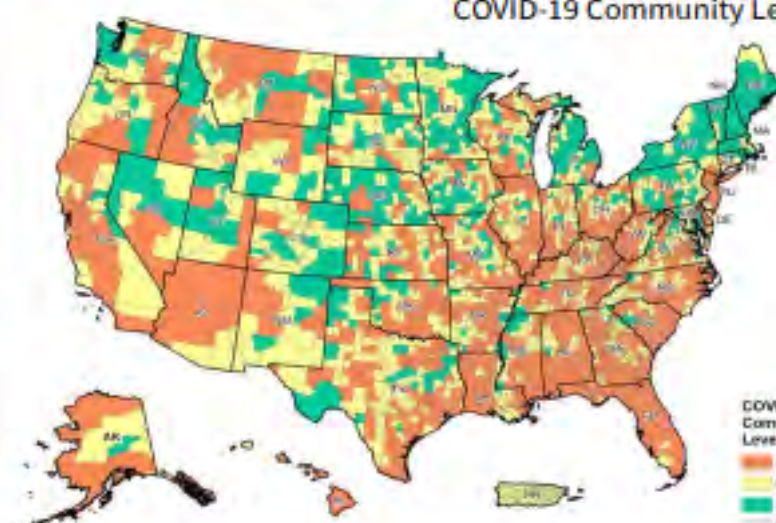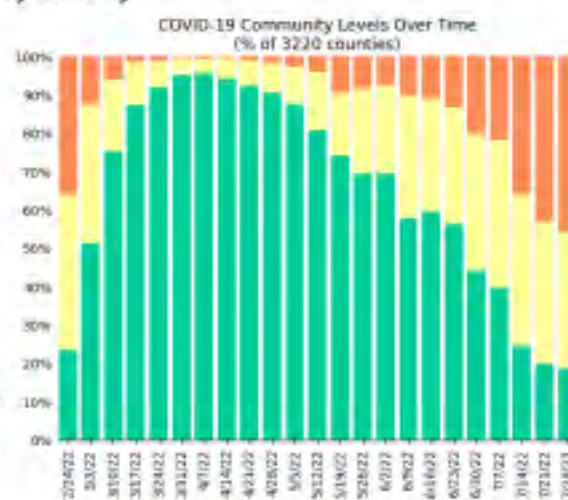**METHODS:** Details available on last two pages of report.

COVID-19

National Picture: COVID-19 Community Level

COVID-19 Community Level by County

COVID-19 Community Levels Over Time
(% of 3220 counties)

COVID-19 Community Level
- High
- Medium
- Low
- N/A

Counties by COVID-19 Community Level Component Metrics

<200 Cases per 100K

Admissions per 100K	<10.0	10.0 to 19.9	20.0+
# of counties (change)	606 (↓38)	491 (↓75)	97 (↑13)
% of counties (change)	18.8% (↓1.2%)	15.2% (↓2.3%)	3.0% (↑0.4%)
COVID Inpatient Occupancy	<10.0%	10.0% to 14.9%	15.0%+
# of counties (change)	1,162 (↓105)	25 (↑3)	4 (↑1)
% of counties (change)	36.1% (↓3.3%)	0.8% (↑0.1%)	0.1% (↑0.0%)

200+ Cases per 100K

Admissions per 100K		<10.0	10.0+
# of counties (change)		657 (↑17)	1,369 (↑83)
% of counties (change)		20.4% (↑0.5%)	42.5% (↑2.6%)
COVID Inpatient Occupancy		<10.0%	10.0%+
# of counties (change)		1,950 (↑83)	76 (↑18)
% of counties (change)		60.6% (↑2.6%)	2.4% (↑0.6%)

Counties by COVID-19 Community Level

Category	Low	Medium	High
# of Counties (Change)	602 (↓35)	1,144 (↓52)	1,474 (↑87)
% of Counties (Change)	18.7% (↓1.1%)	35.5% (↓1.6%)	45.8% (↑2.7%)

DATA SOURCES
Maps and figures reflect 7-day average of data from 7/21-7/27 (cases), 7/20-7/26 (hospital data).
Note: Most recent days may have incomplete reporting.
Cases: County-level data are 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 are through 7/27/2022.
Admissions: Unified Hospitals Dataset in HHS Protect. Data are through 7/26/2022.
County Percentages: Based on a denominator of 3,220 county/county-equivalents, including states, the District of Columbia, and Puerto Rico municipios.
COVID-19 Community Levels: COVID-19 Community Level is determined by the higher of the new admissions and inpatient bed metrics, based on the current level of new cases per 100,000 population in the past 7 days. See _____. A county is N/A if hospital data is not available. County data is mapped from Health Service Areas, defined as a single county or cluster of counties that are generally self-contained with respect to hospital care. Previous week levels are computed based on current data.
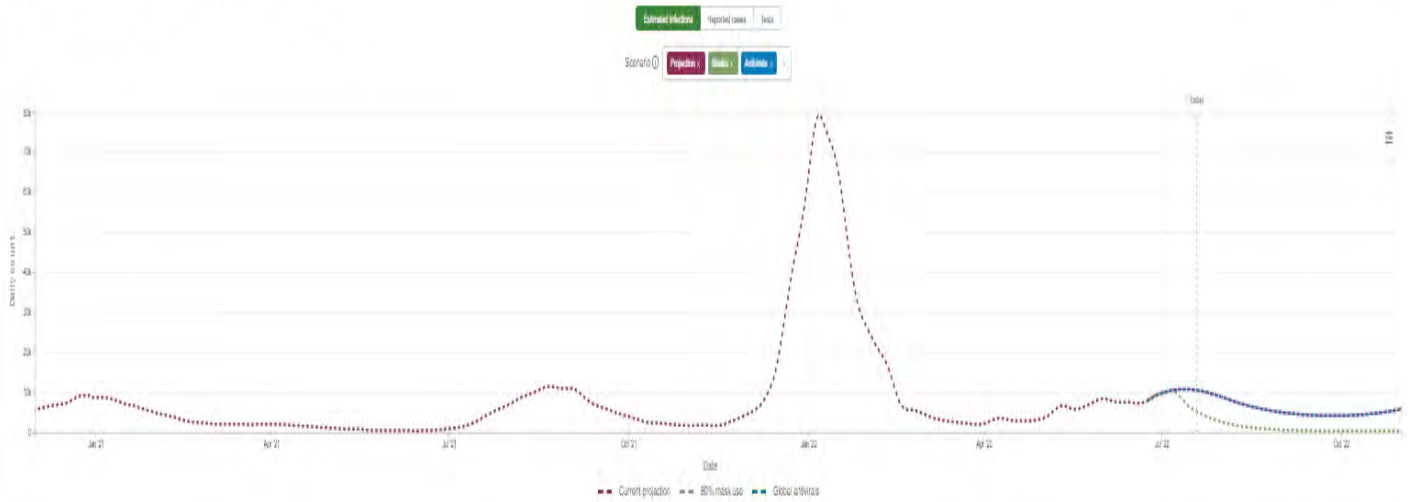**METHODS:** Details available on last two pages of report.
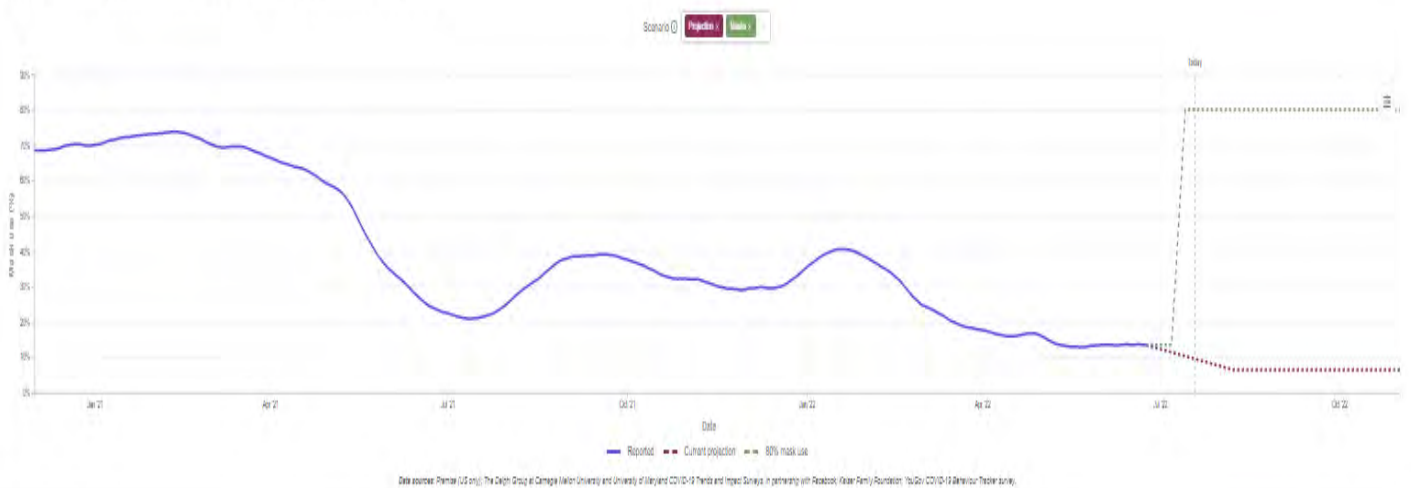
IHME Model

Daily infections and testing

Estimated infections are the number of people we estimate are infected with COVID-19 each day, including those not tested.

Estimated infections   Reported cases   Tests

Scenario   Projection x   Masks x   Antivirals x

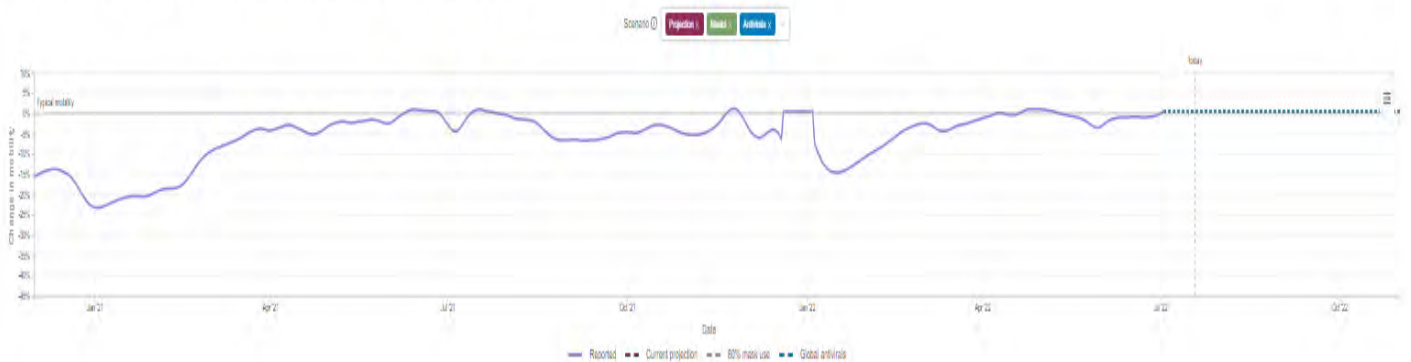Current projection   80% mask use   Global antivirals

Mask use

Mask use represents the percentage of the population who say they always wear a mask in public. Mask use can reduce transmission by 30% or more.

Scenario   Projection x   Masks x

Reported   Current projection   80% mask use

Data sources: Premise (US only); The Delphi Group at Carnegie Mellon University and University of Maryland COVID-19 Trends and Impact Surveys, in partnering with Facebook; Kaiser Family Foundation; YouGov COVID-19 Behaviour Tracker survey.

Social distancing

Reducing human contact (as measured by cell phone mobility data) can drive down infections so that mask use, testing, isolation, and contact tracing can work to contain the virus.
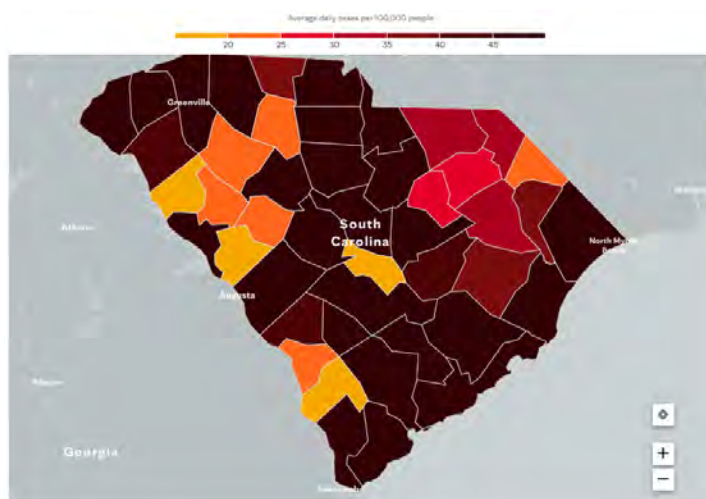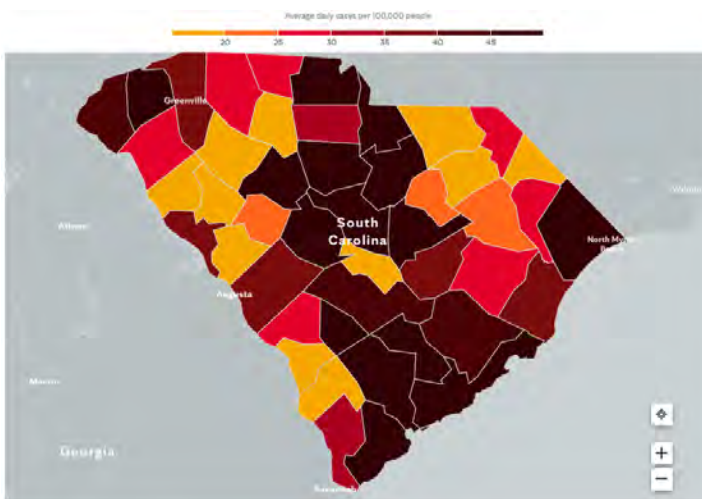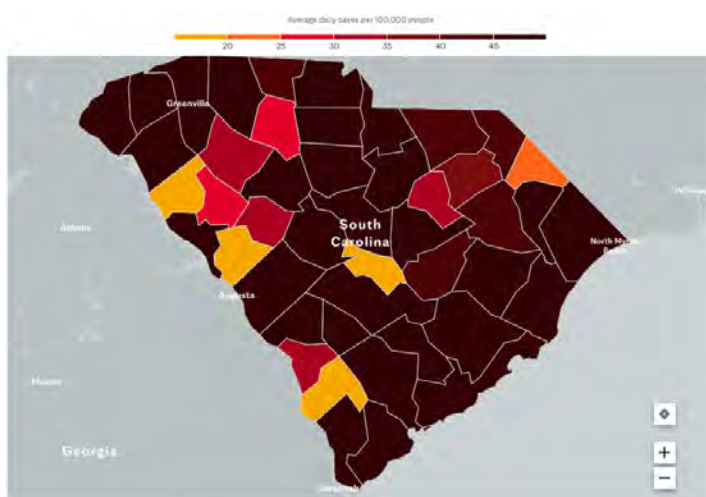
Scenario   Projection x   Masks x   Antivirals x

Reported   Current projection   80% mask use   Global antivirals

MAYO
CLINIC

Mayo Clinic Covid Tracker
Rate of New Cases

Current

Last Week

In 14 Days

Resources

CDC: https://www.cdc.gov/coronavirus/2019-nCoV/index.html

DHEC: https://www.dhec.sc.gov/infectious-diseases/viruses/coronavirus-disease-2019-covid-19

Covid19-Projections Model: https://covid19-projections.com/

Covid Act Now: https://www.covidactnow.org/?s=962191

Harvard Global Health Institute: https://globalhealth.harvard.edu/key-metrics-for-covid-suppression-researchers-and-public-health-experts-unite-to-bring-clarity-to-key-metrics-guiding-coronavirus-response/

IHME Model: https://covid19.healthdata.org/united-states-of-america?view=total-deaths&tab=trend

EPIFORECASTS: https://epiforecasts.io/covid/posts/national/united-states/

Harvard Global Health Institute Risk Levels

County	Risk Level	SC Rank*	US Rank**
Marlboro County	Red	12	412
Dillon County	Red	14	616
Chesterfield County	Red	28	975
Darlington County	Red	36	1524
Lee County	Red	38	1586
* out of 46 counties ** out of 3142 counties or equivalents			