

# **Weekly Covid-19 Data Digest**



**August 3, 2021**

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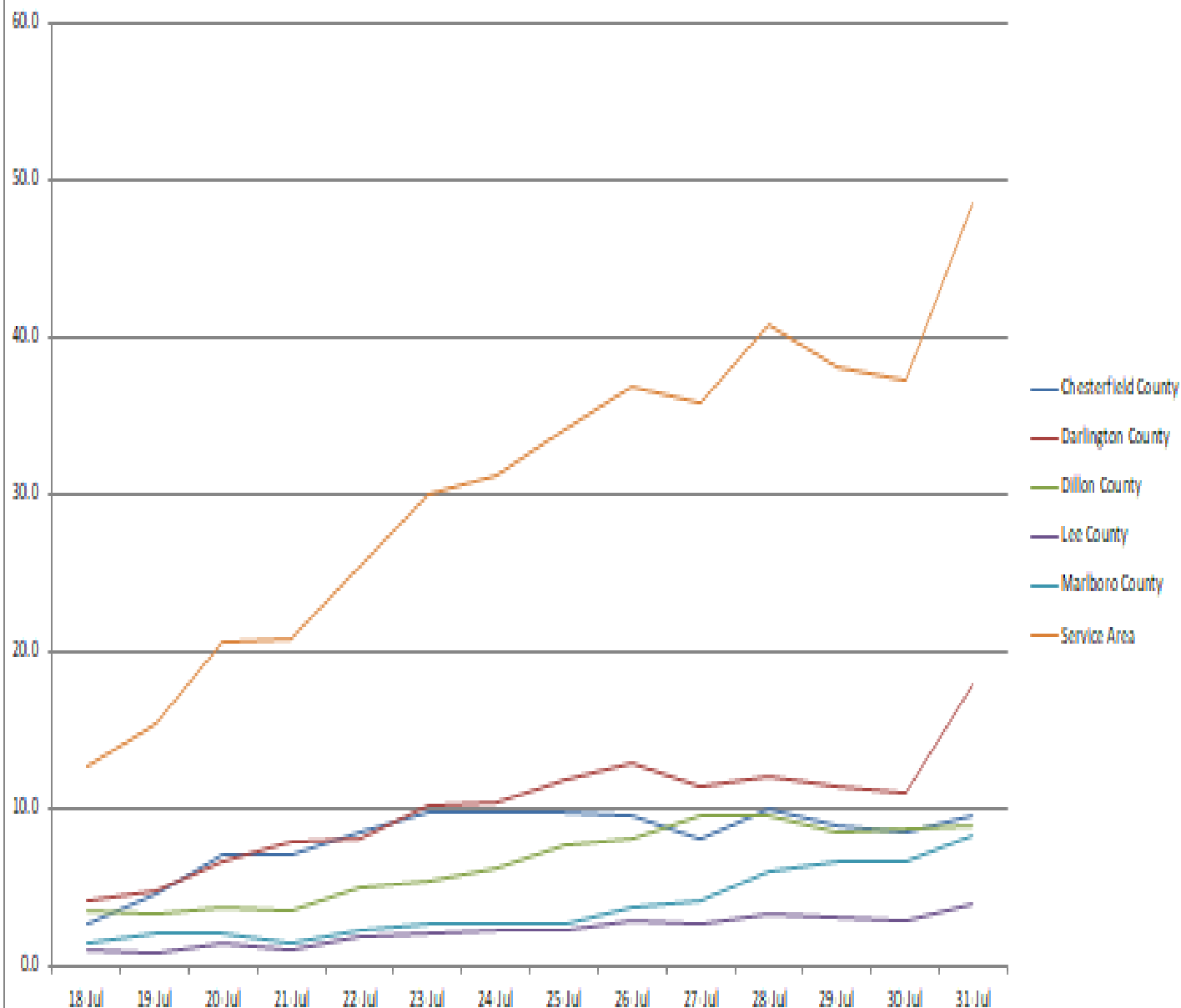
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Data included in this report compiled from publicly available sources. For more information or questions, please contact John Douglas, Chief of Business Development, at [john.douglas@caresouth-carolina.com](mailto:john.douglas@caresouth-carolina.com) or 843-616-1471.

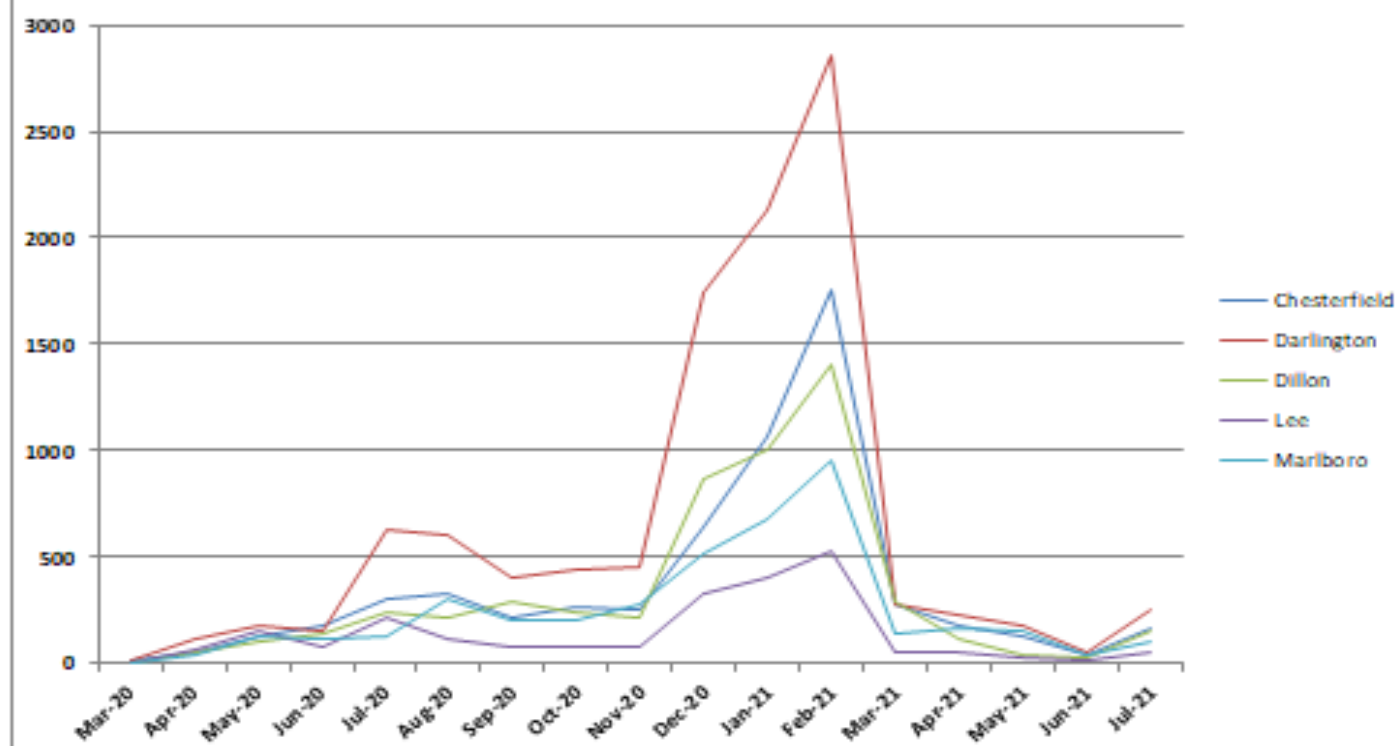
### Daily New Cases Reported During Past Two Weeks (as of most current DHEC report)

	18-Jul	19-Jul	20-Jul	21-Jul	22-Jul	23-Jul	24-Jul	25-Jul	26-Jul	27-Jul	28-Jul	29-Jul	30-Jul	31-Jul
<b>Chesterfield County</b>	2	14	23	3	14	11	1	2	12	13	17	6	8	9
<b>Darlington County</b>	0	5	18	15	15	17	3	10	12	8	19	10	14	52
<b>Dillon County</b>	0	2	4	10	14	7	6	10	6	13	10	7	8	8
<b>Lee County</b>	1	1	4	0	6	2	1	2	5	3	4	4	1	8
<b>Marlboro County</b>	2	4	2	0	7	3	1	1	11	6	13	11	3	13
<b>Service Area</b>	5	26	51	28	56	40	12	25	46	43	63	38	34	90

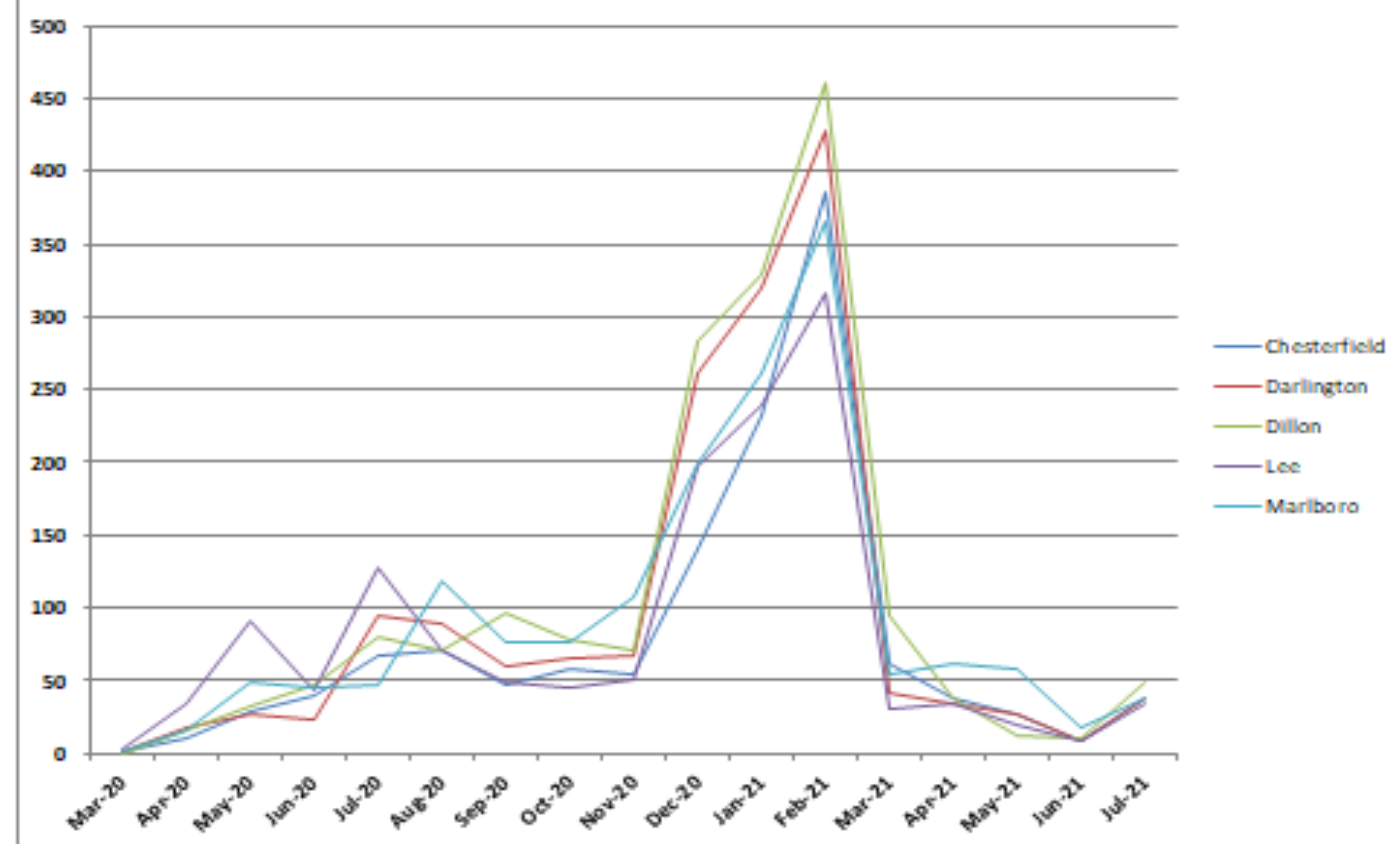
### 7 Day Average Daily New Cases



### Reported New Cases by Month



### Rate of New Cases by Month (per 10,000 residents)



**NOTE: Incomplete month prorated for comparison purposes.**

### COVID-19 TOTAL CUMULATIVE CASES COMPARISON DATA (as of July 31, 2021)

Geographic Unit	Population	Cases	Weekly New Cases	Previous Week New	Cases Per 100 Pop.	Rate Exceeds: State*	Nation	World
Anson County, NC	25,289	2,711	33	10	10.72	Yes	Yes	Yes
Chesterfield County	45,650	5,096	67	68	11.16	No	Yes	Yes
Columbus County, NC	56,220	7,009	256	193	12.47	Yes	Yes	Yes
Darlington County	66,618	8,861	125	70	13.30	Yes	Yes	Yes
Dillon County	30,479	4,578	60	40	15.02	Yes	Yes	Yes
Florence County	138,293	18,594	372	66	13.45	Yes	Yes	Yes
Horry County	354,081	41,926	724	460	11.84	No	Yes	Yes
Kershaw County	66,551	8,072	230	160	12.13	No	Yes	Yes
Lancaster County	98,012	11,360	171	117	11.59	No	Yes	Yes
Lee County	16,828	1,999	28	14	11.88	No	Yes	Yes
Marion County	30,657	3,714	70	49	12.11	Yes	Yes	Yes
Marlboro County	26,118	3,607	58	19	13.81	Yes	Yes	Yes
Richmond County, NC	44,993	5,208	133	103	11.58	Yes	Yes	Yes
Robeson County, NC	130,529	18,419	821	334	14.11	Yes	Yes	Yes
Scotland County, NC	35,690	4,133	89	74	11.58	Yes	Yes	Yes
Sumter County	106,721	11,401	506	91	10.68	No	No	Yes
Union County, NC	242,657	26,023	453	302	10.72	Yes	Yes	Yes
South Carolina	5,148,714	623,947	13,470	6,836	12.12	N/A	Yes	Yes
North Carolina	10,630,691	1,056,699	19,326	11,547	9.94	N/A	No	Yes
United States	330,300,890	34,972,532	729,478	346,758	10.59	N/A	N/A	Yes
World	7,681,651,842	199,318,893	3,971,605	3,861,637	2.59	N/A	N/A	N/A

\* Compared to state in which county is located

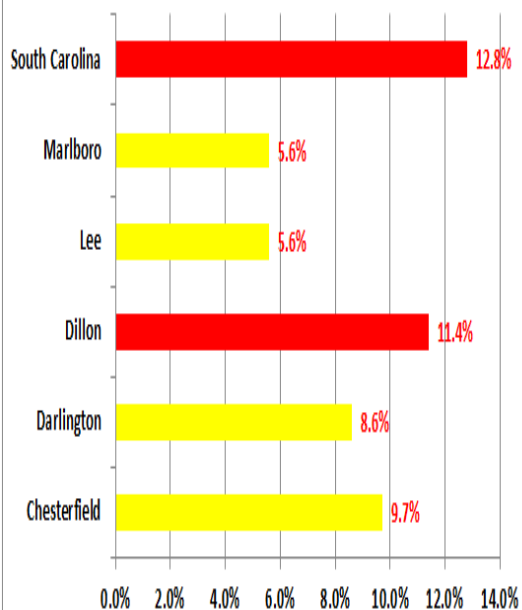
\*\*\* Weekly Change -- Red indicates more new cases than previous weekly period, green indicates same or less (change includes those reclassified to a new location)

\*\*\* CAUTION -- Reporting reliability varies widely from country to country -- comparison based on total world population with uncertain validity of case reporting.

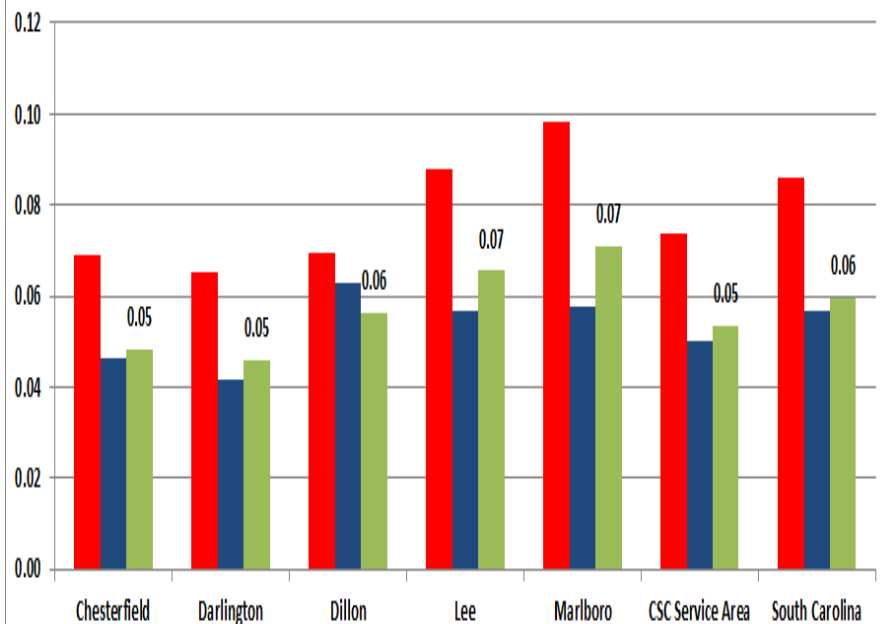
\*\*\*\* Weekly changes may not match from previous weekly report due to changes/corrections made by reporting agencies.

\*\*\*\*\* SC figures include probable cases as defined by DHEC. NC figures available Monday-Friday.

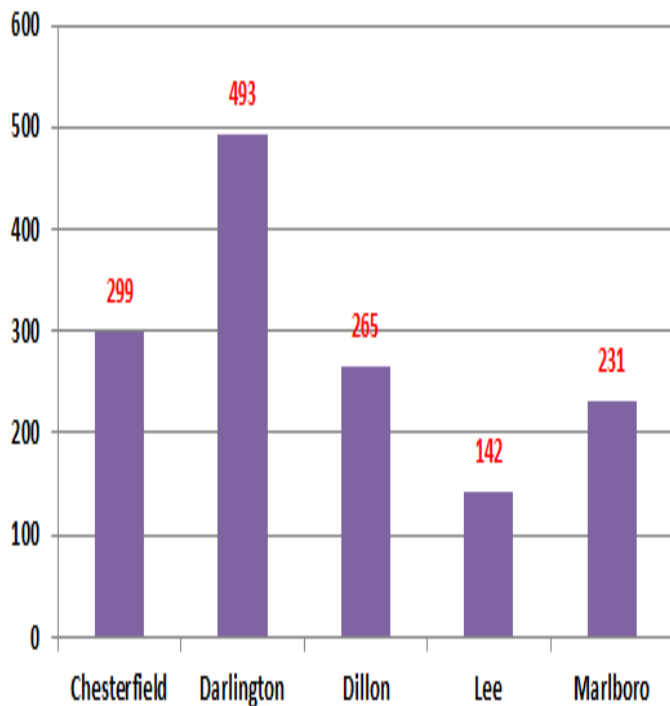
#### 7 Day Average Positivity Rate



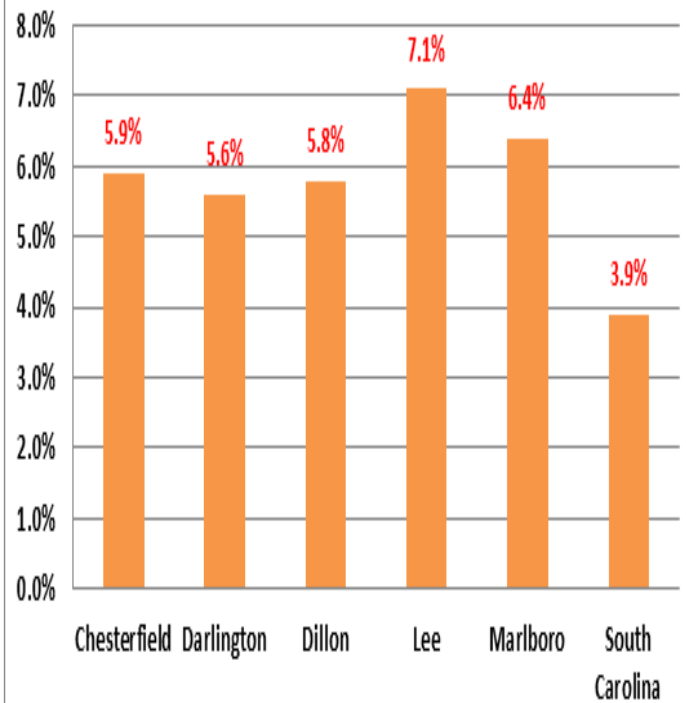
#### May/June/July Tests Per Capita



### Total Hospitalizations



### Rate of Hospitalization



## Hospital Utilization

County	Covid Patients	ICU Covid Pts.	Covid Pts. Vent.	Percent Occupied
Chesterfield	2	1	0	64.6%
Clarendon	4	1	0	61.2%
Darlington	3	3	2	34.8%
Dillon	5	1	0	79.5%
Florence	28	10	3	87.5%
Georgetown	16	7	1	84.7%
Horry	55	22	10	88.5%
Marion	3	0	0	73.5%
Sumter	13	4	0	56.5%
Williamsburg	2	2	0	87.5%
<b>Total</b>	<b>131</b>	<b>51</b>	<b>16</b>	<b>81.7%</b>

**Note: Data as reported by DHEC as of 7/26/21**

Long Term Care Facility Cases Within Past 30 Days			
County	Facility	Residents	Staff
	None		

**\* as reported by DHEC as of 7/28/21**

# DHEC Reported Vaccine Recipients by Zip Code -- Age 12 & Older (as of 7/31/21 at 11:59PM)

Chesterfield County			
Zip	Town	Recipients	% of Pop
29520	Cheraw	5272	43.4%
29709	Chesterfield	2317	41.1%
29718	Jefferson	1015	27.8%
29101	McBee	847	33.8%
29727	Mt. Croghan	417	26.8%
29728	Pageland	2180	27.2%
29584	Patrick	765	38.5%
29741	Ruby	606	27.5%
Unknown or OOC Zip Code		751	N/A
County Total		14170	35.8%

Darlington County			
Zip	Town	Recipients	% of Pop
29532	Darlington	7381	41.2%
29540	Darlington	2208	55.1%
29550	Hartsville	14702	52.5%
29069	Lamar	1799	45.5%
29593	Society Hill	596	41.5%
Unknown or OOC Zip Code		1968	N/A
County Total		28654	49.9%

Dillon County			
Zip	Town	Recipients	% of Pop
29536	Dillon	5410	30.4%
29543	Fork	296	51.7%
29547	Hamer	831	33.1%
29563	Lake View	986	52.2%
29565	Latta	2300	38.8%
29567	Little Rock	249	69.9%
Unknown or OOC Zip Code		437	N/A
County Total		10509	41.3%

Lee County			
Zip	Town	Recipients	% of Pop
29010	Bishopville	4346	40.3%
29080	Lynchburg	633	24.9%
Unknown or OOC Zip Code		1280	N/A
County Total		6259	41.1%

% less than SC average

% equal to or greater than SC average

Marlboro County			
Zip	Town	Recipients	% of Pop
29512	Bennettsville	5341	34.5%
29516	Blenheim	276	33.1%
29525	Clio	688	39.1%
29570	McColl	950	30.2%
29596	Wallace	743	39.9%
Unknown or OOC Zip Code		92	N/A
County Total		8090	34.9%

Zip Codes with Highest % of Recipients			
Rank	Town	Zip	% of Pop
1	Little Rock	29567	69.9%
2	Darlington	29540	55.1%
3	Hartsville	29550	52.5%
4	Fork	29543	51.7%
5	Lake View	29563	52.2%
6	Lamar	29069	45.5%
7	Cheraw	29520	43.4%
8	Society Hill	29593	41.5%
9	Darlington	29532	41.2%
10	Chesterfield	29709	41.1%

Zip Codes with Lowest % of Recipients			
Rank	Town	Zip	% of Pop
1	Lynchburg	29080	24.9%
2	Mt. Croghan	29727	26.8%
3	Pageland	29728	27.2%
4	Ruby	29741	27.5%
5	Jefferson	29718	27.8%
6	McColl	29570	30.2%
7	Dillon	29536	30.4%
8T	Blenheim	29516	33.1%
8T	Hamer	29547	33.1%
10	McBee	29101	33.8%

Counties Ranked by Recipients % of Pop.			
Rank	County	Recipients	% of Pop
1	Darlington	28564	49.9%
2	Dillon	10509	41.3%
3	Lee	6259	41.1%
4	Chesterfield	14170	35.8%
5	Marlboro	8090	34.9%
CSC Service Area		67592	45.0%

Percentage of Residents Vaccinated by Race, Sex and Ethnicity*						
County	Black	White	Asian/AIAN	Hispanic	Female	Male
Chesterfield	28.8%	31.9%	37.3%	26.1%	39.2%	32.1%
Darlington	42.7%	45.9%	58.8%	48.5%	53.0%	46.4%
Dillon	34.1%	43.7%	23.0%	20.4%	44.9%	37.3%
Lee	33.9%	38.3%	47.2%	26.0%	48.0%	34.4%
Marlboro	31.2%	33.6%	55.1%	13.6%	41.1%	29.1%
CSC Service Area	35.5%	39.6%	40.6%	28.6%	46.2%	37.6%

Equal or greater than Service Area Avg.

Less than Service Area Avg.

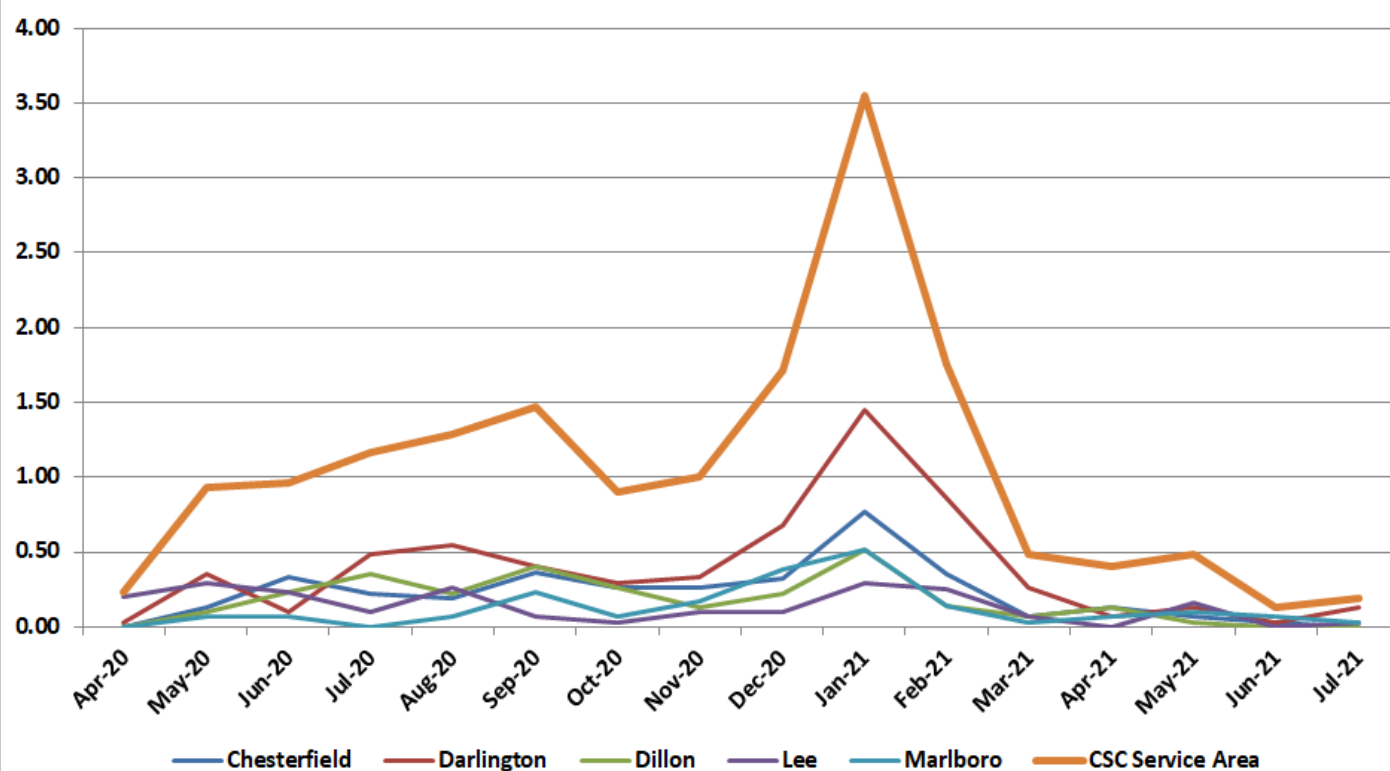
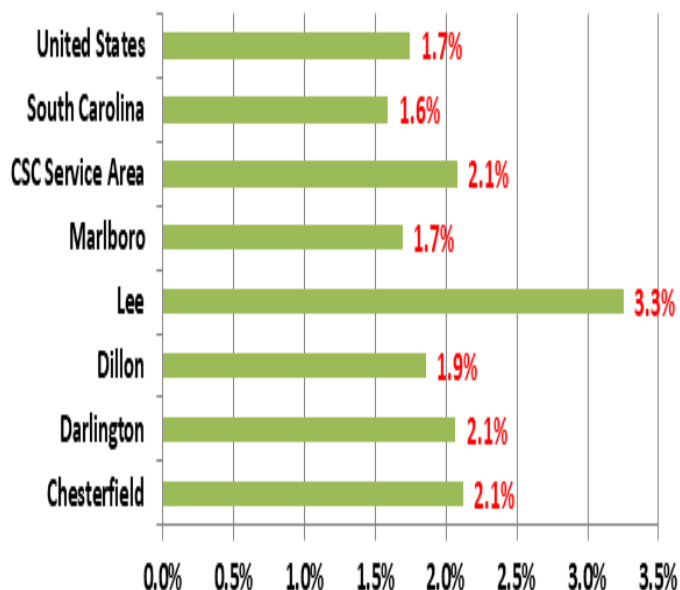
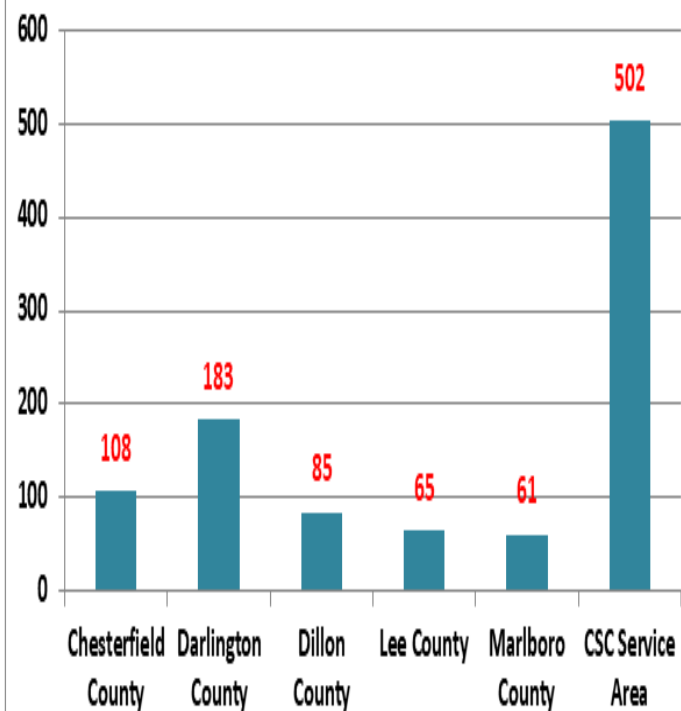
\* Does not include those reported as other race or unknown race. Updated weekly on Mondays.



# Estimated Percentage of Immunity Statewide

County	Pct Total Population with vaccine immunity	Pct Total Pop with natural immunity (minus vaccine immunity)		Lower Range	Pct Total Population with any Immunity	Upper Range
Abbeville	35%	23%		53%	58%	63%
Aiken	33%	22%		50%	55%	59%
Allendale	37%	22%		55%	59%	64%
Anderson	33%	24%		52%	57%	62%
Bamberg	36%	20%		51%	56%	60%
Barnwell	34%	24%		54%	59%	64%
Beaufort	43%	18%		56%	60%	65%
Berkeley	35%	18%		49%	53%	57%
Calhoun	37%	16%		49%	53%	57%
Charleston	49%	21%		65%	70%	75%
Cherokee	25%	24%		45%	49%	54%
Chester	32%	27%		54%	59%	65%
Chesterfield	27%	25%		47%	52%	56%
Clarendon	36%	21%		52%	57%	62%
Colleton	35%	21%		51%	56%	60%
Darlington	37%	26%		58%	64%	69%
Dillon	30%	29%		54%	59%	64%
Dorchester	37%	27%		59%	65%	70%
Edgefield	33%	26%		53%	58%	63%
Fairfield	40%	21%		56%	61%	65%
Florence	38%	24%		56%	61%	66%
Georgetown	47%	20%		63%	68%	72%
Greenville	39%	31%		64%	70%	76%
Greenwood	36%	24%		56%	61%	66%
Hampton	38%	20%		53%	58%	62%
Horry	43%	25%		62%	67%	73%
Jasper	31%	17%		43%	47%	51%
Kershaw	36%	25%		56%	61%	66%
Lancaster	31%	25%		51%	56%	61%
Laurens	31%	25%		51%	56%	60%
Lee	32%	20%		47%	52%	56%
Lexington	39%	25%		59%	65%	70%
Marion	36%	23%		55%	60%	65%
Marlboro	27%	26%		48%	53%	58%
McCormick	47%	25%		67%	73%	78%
Newberry	37%	26%		58%	63%	68%
Oconee	35%	26%		56%	60%	65%
Orangeburg	37%	24%		56%	61%	66%
Pickens	31%	30%		56%	61%	66%
Richland	40%	23%		58%	63%	68%
Saluda	33%	17%		47%	51%	54%
Spartanburg	32%	30%		56%	61%	67%
Sumter	30%	22%		47%	52%	56%
Union	31%	26%		51%	56%	61%
Williamsburg	39%	27%		60%	66%	71%
York	33%	26%		54%	59%	65%
Whole state	37%	25%		57%	62%	67%





# Rankings/

## Risk Factors

Pandemic Vulnerability Index*	
County	Rank*
Dillon County	83
Marlboro County	180
Chesterfield County	188
Lee County	270
Darlington County	340
* out of 3142 counties or equivalents	

Harvard Global Health Institute Risk Levels			
County	Risk Level	SC Rank*	US Rank**
Dillon County	Red	15	841
Marlboro County	Orange	24	1154
Chesterfield County	Orange	31	1229
Lee County	Orange	36	1310
Darlington County	Orange	39	1463
* out of 46 counties ** out of 3142 counties or equivalents			

Vaccine Recipient Rate SC Rank	
County	Rank*
Darlington County	16
Dillon County	40
Lee County	41
Chesterfield County	44
Marlboro County	45
* out of 46 counties (age 12 & older)	

Covid Act Now Risk Levels	
County	Risk Level
Chesterfield County	High Risk
Darlington County	High Risk
Dillon County	Very High
Lee County	High Risk
Marlboro County	High Risk

Cumulative Rate State Rank	
County	Rank*
Dillon County	2
Marlboro County	15
Lee County	20
Darlington County	25
Chesterfield County	44
* out of 46 counties	

CDC County Alert Zones	
County	Transmission Level
Chesterfield County	High
Darlington County	Substantial
Dillon County	High
Lee County	Moderate
Marlboro County	Moderate

National Social Distancing Scoreboard	
Location	Grade
Chesterfield County	F
Darlington County	F
Dillon County	F
Lee County	D-
Marlboro County	F
South Carolina	F
United States	F

\* Pandemic Vulnerability Index is calculated by the NIH. It includes 12 factors including demographics, co-morbidities, health disparities, testing, current cases, etc.

# CDC Information:

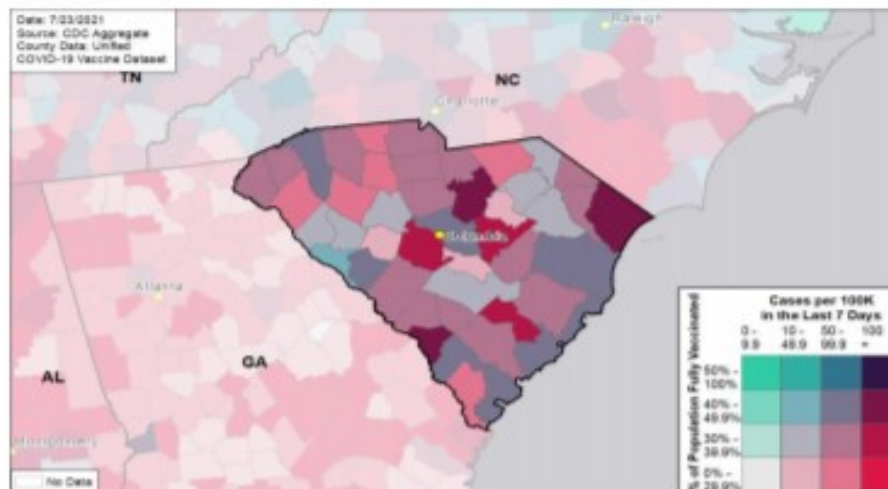


STATE PROFILE REPORT  
07.23.2021

## SOUTH CAROLINA STATE SYNOPSIS

	LAST WEEK	CHANGE FROM PREVIOUS WEEK
RATE OF NEW COVID-19 CASES PER 100,000	66	+16%
NUCLEIC ACID AMPLIFICATION TEST (NAAT) POSITIVITY RATE	7.9%	+2.7%
NEW CONFIRMED COVID-19 HOSPITAL ADMISSIONS / 100 BEDS	3.0	+31%
RATE OF NEW COVID-19 DEATHS PER 100,000	0.8	+258%
COMMUNITY TRANSMISSION LEVEL	<b>SUBSTANTIAL TRANSMISSION</b>	
PEOPLE RECEIVED AT LEAST 1 DOSE	2,359,156 people	45.8% of total pop.
PEOPLE 18+ RECEIVED AT LEAST 1 DOSE	2,264,941 people	56.1% of 18+ pop.
PEOPLE FULLY VACCINATED	2,067,305 people	40.2% of total pop.
PEOPLE 18+ FULLY VACCINATED	1,997,121 people	49.5% of 18+ pop.

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



Skilled Nursing Facilities data has been removed from the table on the second page for each state.

Zoomed state maps of cases, NAAT positivity, hospital admissions, and deaths, previously on the seventh and eighth pages for each state have been condensed to one page. One month ago maps have been removed.

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. All inquiries and requests for information should be directed to <https://www.cdc.gov/dcs/ContactUsForm>.



COVID-19



COVID-19

# SOUTH CAROLINA

STATE PROFILE REPORT | 07.23.2021

	STATE	STATE, % CHANGE FROM PREVIOUS WEEK	FEMA/HHS REGION	UNITED STATES
NEW COVID-19 CASES (RATE PER 100,000)	3,412 (66)	+16%	113,618 (170)	306,104 (92)
NUCLEIC ACID AMPLIFICATION TEST (NAAT) POSITIVITY RATE	7.9%	+2.7%*	11.7%	6.1%
TOTAL NAAT VOLUME (TESTS PER 100,000)	46,488** (903**)	+23%**	757,354** (1,132**)	4,263,311** (1,284**)
NEW COVID-19 DEATHS (RATE PER 100,000)	43 (0.8)	+258%	607 (0.9)	1,752 (0.5)
CONFIRMED AND SUSPECTED NEW COVID-19 HOSPITAL ADMISSIONS (RATE PER 100 BEDS)	463 (4.7)	+22% (+13%)	14,832 (9.5)	56,237 (7.9)
CONFIRMED NEW COVID-19 HOSPITAL ADMISSIONS (RATE PER 100 BEDS)	299 (3.0)	+42% (+31%)	10,356 (6.6)	27,437 (3.9)
NUMBER OF HOSPITALS WITH SUPPLY SHORTAGES (PERCENT)	13 (19%)	-7%	50 (5%)	308 (6%)
NUMBER OF HOSPITALS WITH STAFF SHORTAGES (PERCENT)	18 (27%)	+0%	94 (10%)	632 (12%)

\* Indicates absolute change in percentage points.

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

## DATA SOURCES

**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. Historical reports of cases and deaths exceeding 1% of the total new cases or deaths reported in the US that day have been excluded. Data is through 7/22/2021; previous week is from 7/9 to 7/15.

**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. Test positivity through 7/20/2021; previous week is from 7/7 to 7/13. Test volume through 7/16/2021; previous week is from 7/3 to 7/9.

**Admissions:** Unified Hospitals Dataset in HHS Protect. Data is through 7/21, previous week is from 7/8 to 7/14.

**Shortages:** Unified Hospitals Dataset in HHS Protect. Values presented show the latest reports from hospitals in the week ending 7/21/2021 for staffing and the week ending 7/21/2021 for supplies.

**METHODS:** Details available on last two pages of report.



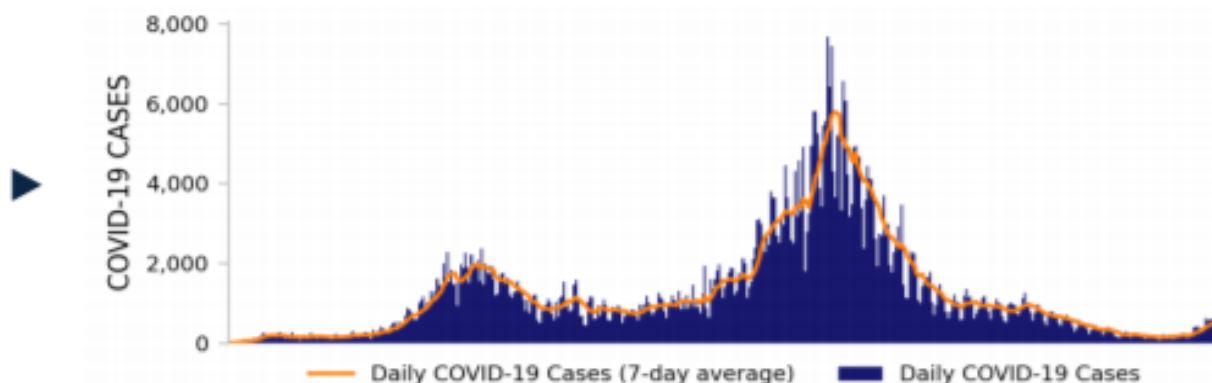


COVID-19

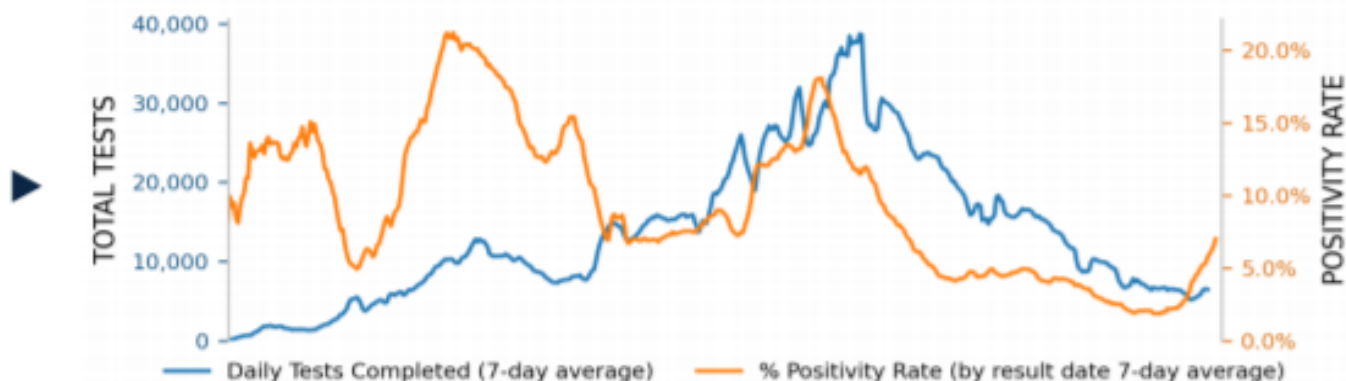
# SOUTH CAROLINA

STATE PROFILE REPORT | 07.23.2021

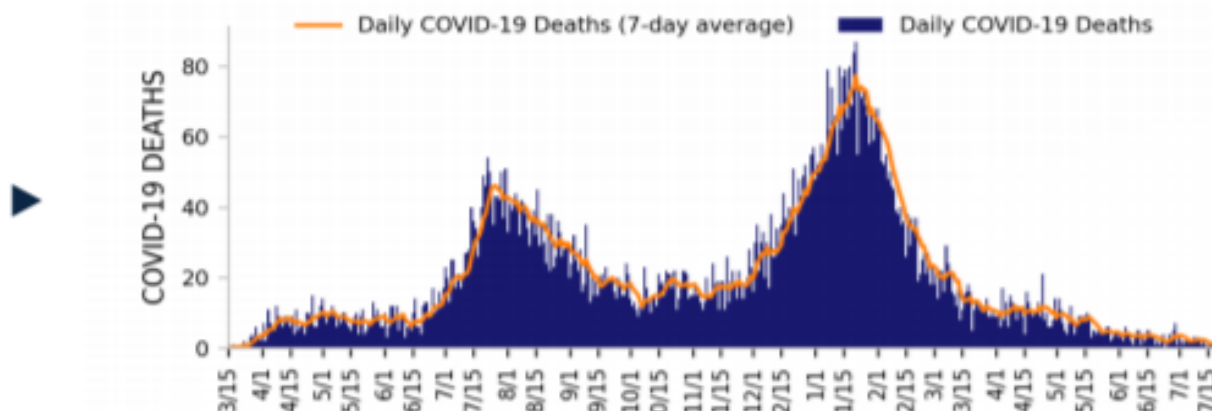
## NEW CASES



## TESTING



## NEW 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 is through 7/22/2021.

**Testing:** CELR (COVID-19 Electronic Lab Reporting) state health department-reported data. Test positivity through 7/20/2021. Test volume through 7/16/2021.

**METHODS:** Details available on last two pages of report.



COVID-19

# SOUTH CAROLINA

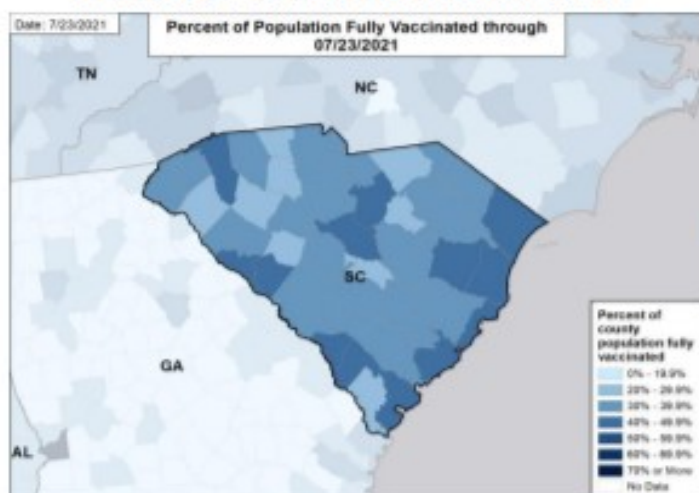
STATE PROFILE REPORT | 07.23.2021

## STATE VACCINATION SUMMARY

**DOSES DELIVERED** 5,460,695  
106,059 per 100k

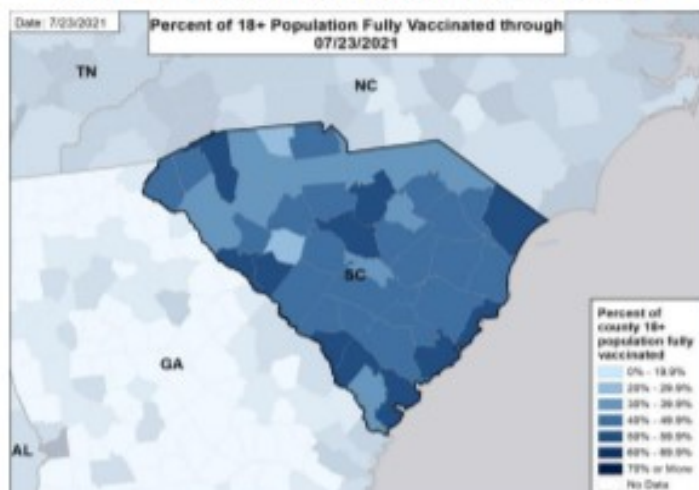
**DOSES ADMINISTERED** 4,340,066  
84,294 per 100k

### PERCENT OF POPULATION FULLY VACCINATED

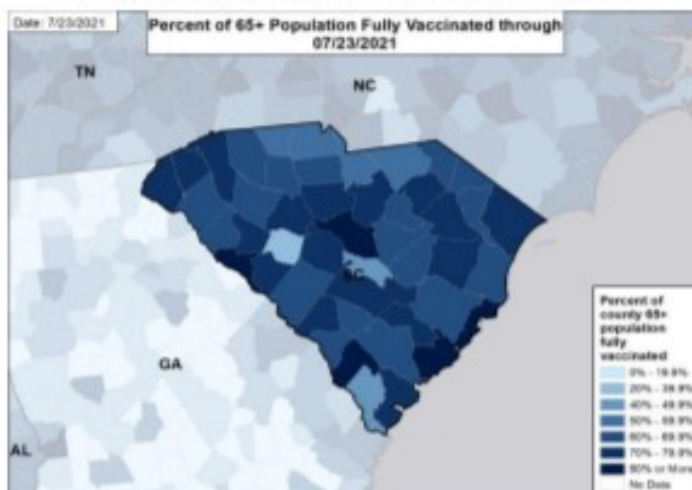


	RECEIVED AT LEAST ONE DOSE	FULLY VACCINATED
<b>ALL PEOPLE</b>	2,359,156 45.8% of total pop.	2,067,305 40.2% of total pop.
<b>PEOPLE 12-17</b>	89,312 23.4% of 12-17 pop.	67,338 17.6% of 12-17 pop.
<b>PEOPLE 18+</b>	2,264,941 56.1% of 18+ pop.	1,997,121 49.5% of 18+ pop.
<b>PEOPLE 65+</b>	801,118 85.5% of 65+ pop.	720,424 76.9% of 65+ pop.

### PERCENT OF 18+ POPULATION FULLY VACCINATED



### PERCENT OF 65+ POPULATION FULLY VACCINATED



#### DATA SOURCES

County reporting completeness for South Carolina is 93.6%.

**Vaccinations:** [CDC COVID Data Tracker](#). Data includes the Moderna, Pfizer BioNTech, and J&J/Janssen COVID-19 vaccines and reflects current data available as of 10:09 EDT on 07/23/2021. Data last updated 06:00 EDT on 07/23/2021. 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. Allocations are made pro rata (equal based on population) from which jurisdictions are then to order.

**METHODS:** Details available on last two pages of report.

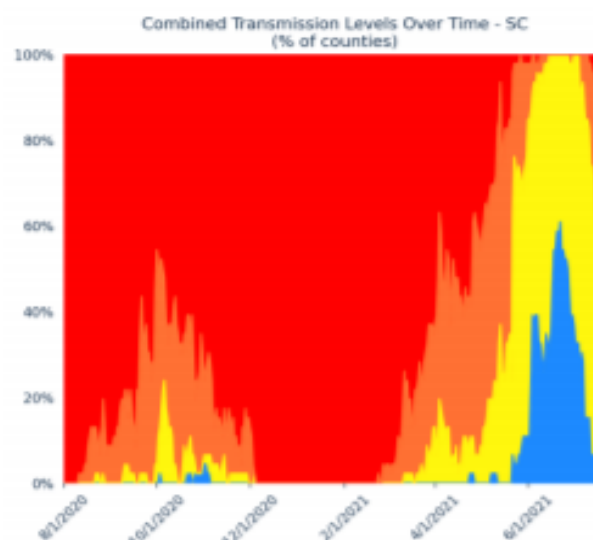
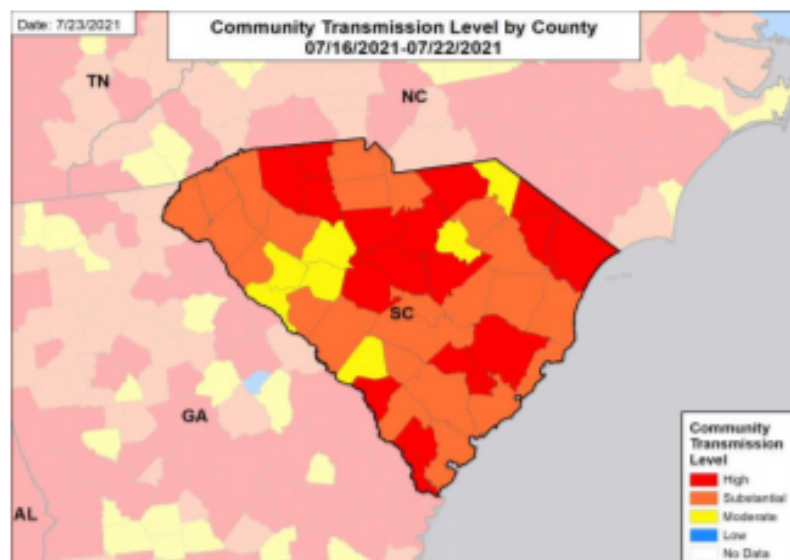


COVID-19

# SOUTH CAROLINA

STATE PROFILE REPORT | 07.23.2021

COMMUNITY TRANSMISSION BY COUNTY AND METRO AREA



## COUNTIES AND METRO AREAS BY COMBINED TRANSMISSION LEVEL

CATEGORY	LOW TRANSMISSION BLUE	MODERATE TRANSMISSION YELLOW	SUBSTANTIAL TRANSMISSION ORANGE	HIGH TRANSMISSION RED
# OF COUNTIES (CHANGE)	0 (+3)	7 (+17)	23 (+8)	16 (+12)
# OF METRO AREAS (CHANGE)	0 (+1)	3 (+7)	9 (+3)	6 (+5)

**All Yellow Counties:** Greenwood, Marlboro, Barnwell, Lee, Newberry, Saluda, McCormick

**All Yellow CBSAs:** Greenwood, Bennettsville, Newberry

**All Orange Counties:** Greenville, Charleston, York, Aiken, Beaufort, Anderson, Lancaster, Pickens, Florence, Oconee, Orangeburg, Georgetown, Darlington, Laurens, Colleton, Chester, Williamsburg, Clarendon, Edgefield, Abbeville, Hampton, Bamberg, Calhoun

**All Orange CBSAs:** Charleston-North Charleston, Greenville-Anderson, Charlotte-Concord-Gastonia, Augusta-Richmond County, Hilton Head Island-Bluffton, Florence, Seneca, Orangeburg, Georgetown

**All Red Counties:** Horry, Richland, Lexington, Spartanburg, Dorchester, Berkeley, Sumter, Kershaw, Chesterfield, Cherokee, Union, Dillon, Fairfield, Marion, Jasper, Allendale

**All Red CBSAs:** Columbia, Myrtle Beach-Conway-North Myrtle Beach, Spartanburg, Sumter, Gaffney, Union

### DATA SOURCES

Maps and figures reflect 7-day average of data from 7/16-7/22 (cases), 7/14-7/20 (tests). Metro areas and counties are listed in order of the total number of cases in the last week from largest to smallest.

**Note:** Most recent days may have incomplete reporting.

**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 7/22/2021.

**Testing:** CELR (COVID-19 Electronic Lab Reporting) state health department-reported data. Data is through 7/20/2021.

**Combined Transmission Level:** If the two indicators suggest different transmission levels, the higher level is selected. Previous week transmission levels are computed based on current data. See [CDC COVID Data Tracker](#).

**METHODS:** Details available on last two pages of report.





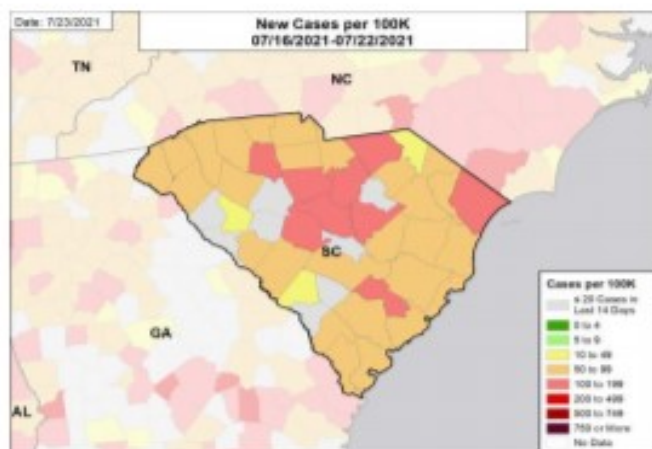
COVID-19

# SOUTH CAROLINA

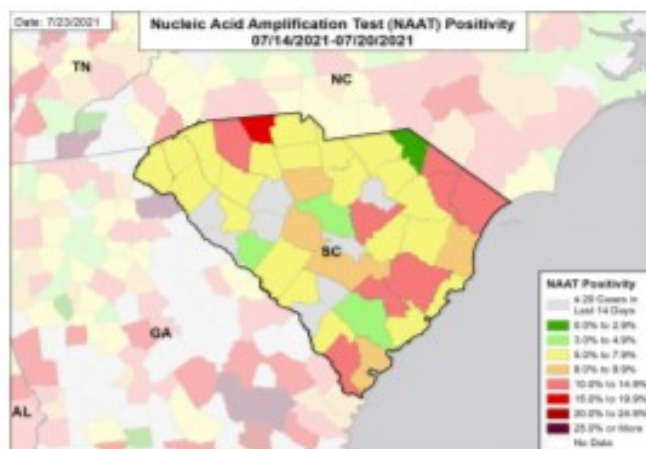
STATE PROFILE REPORT | 07.23.2021

## CASE RATES, NAAT POSITIVITY, HOSPITAL ADMISSIONS, AND DEATH RATES

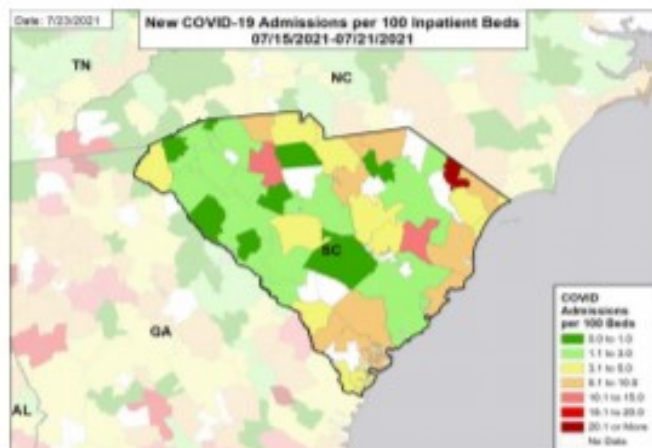
NEW CASES PER 100,000



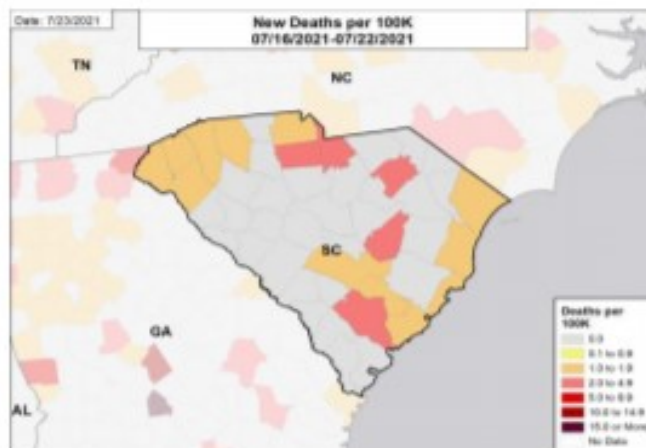
NUCLEIC ACID AMPLIFICATION TEST (NAAT) POSITIVITY



CONFIRMED NEW COVID-19 ADMISSIONS PER 100 INPATIENT BEDS



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 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 7/22/2021.

**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 is through 7/20/2021.

**Hospitalizations:** Unified Hospitals Dataset in HHS Protect. Totals include only confirmed COVID-19 admissions. Data is through 7/21/2021.

**METHODS:** Details available on last two pages of report.

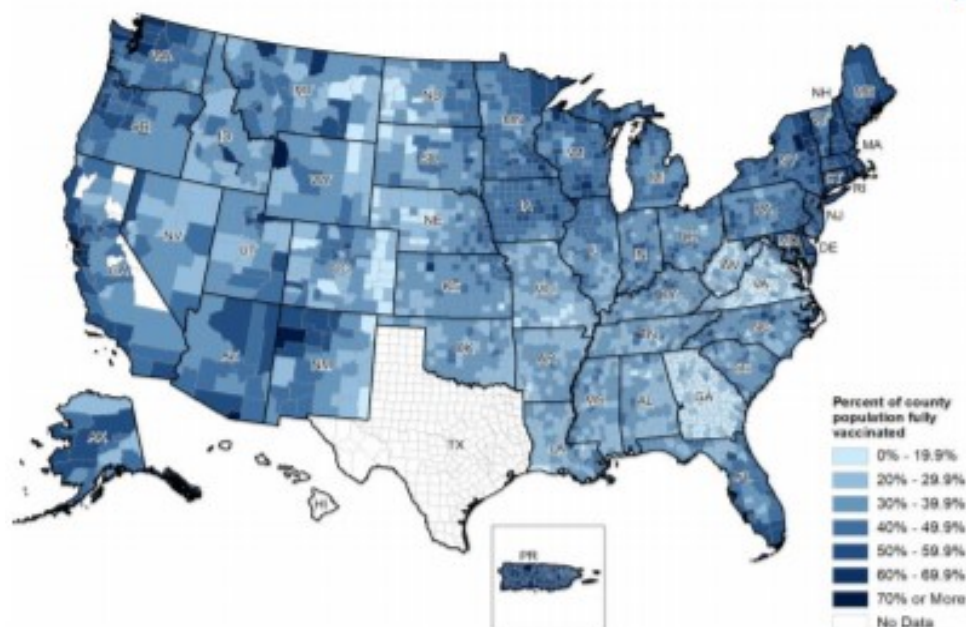




COVID-19

## National Picture: Vaccinations

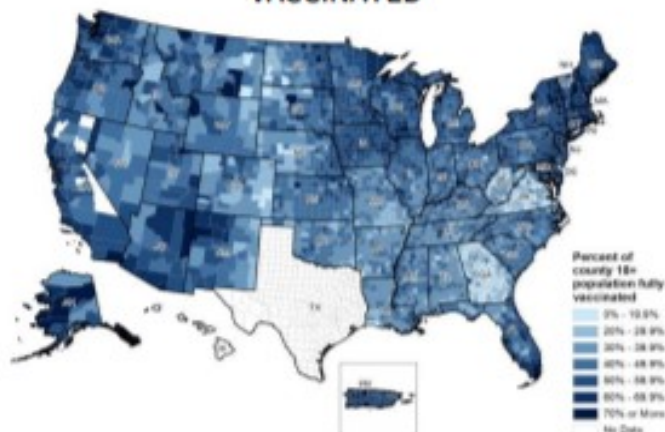
PERCENT OF POPULATION FULLY VACCINATED



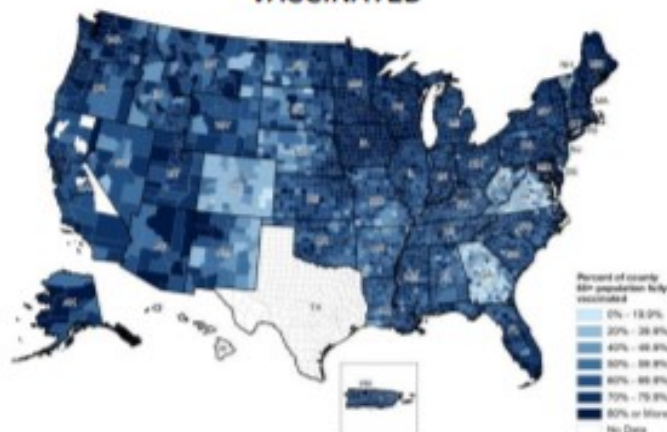
NATIONAL RANKING OF POPULATION FULLY VACCINATED

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

PERCENT OF 18+ POPULATION FULLY VACCINATED



PERCENT OF 65+ POPULATION FULLY VACCINATED



### DATA SOURCES

**Vaccinations:** [CDC COVID Data Tracker](#). Data includes the Moderna, Pfizer BioNTech, and J&J/Janssen COVID-19 vaccines and reflects current data available as of 10:09 EDT on 07/23/2021. Data last updated 06:00 EDT on 07/23/2021. 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. Allocations are made pro rata (equal based on population) from which jurisdictions are then to order. The following states have ≤80% completeness reporting vaccinations by county, which may result in underestimates of vaccination data for counties: CO (76%), VT (74%), WV (58%), GA (54%), VA (51%), TX (0%), and HI (0%).

**METHODS:** Details available on last two pages of report.



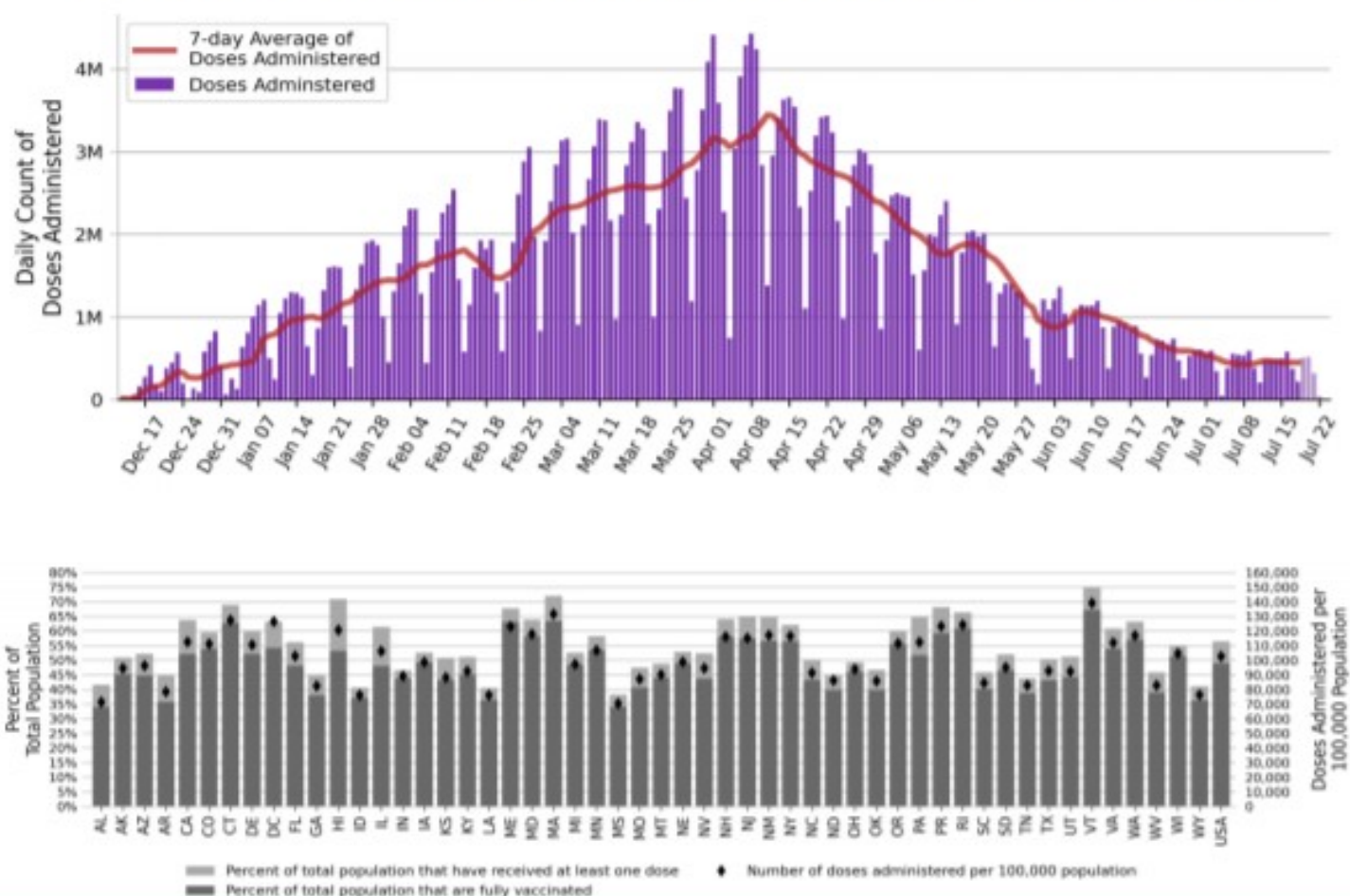
COVID-19

## National Picture: Vaccinations

NATIONAL COVID-19 VACCINE SUMMARY AS OF 7/23

<b>DOSES DELIVERED</b>	393,929,955 118,655 per 100k	<b>DOSES ADMINISTERED</b>	340,363,922 102,520 per 100k
<b>PEOPLE RECEIVED AT LEAST ONE DOSE</b>	187,579,557 56.5% of total pop.	<b>PEOPLE FULLY VACCINATED</b>	162,435,276 48.9% of total pop.
<b>PEOPLE 18+ RECEIVED AT LEAST ONE DOSE</b>	177,353,128 68.7% of 18+ pop.	<b>PEOPLE 18+ FULLY VACCINATED</b>	154,461,507 59.8% of 18+ pop.
<b>PEOPLE 65+ RECEIVED AT LEAST ONE DOSE</b>	48,855,811 89.1% of 65+ pop.	<b>PEOPLE 65+ FULLY VACCINATED</b>	43,570,031 79.5% of 65+ pop.

DAILY NATIONAL COUNT OF VACCINE DOSES ADMINISTERED BY DATE OF ADMINISTRATION



### DATA SOURCES

**Vaccinations:** [CDC COVID Data Tracker](#). Data includes the Moderna, Pfizer BioNTech, and J&J/Janssen COVID-19 vaccines and reflects current data available as of 10:09 EDT on 07/23/2021. Data last updated 06:00 EDT on 07/23/2021. 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. Allocations are made pro rata (equal based on population) from which jurisdictions are then to order. Due to delays in reporting, data on doses administered in recent days (as reflected by lighter blue coloring in the Daily National Count figure) may be an underestimate of the actual value.

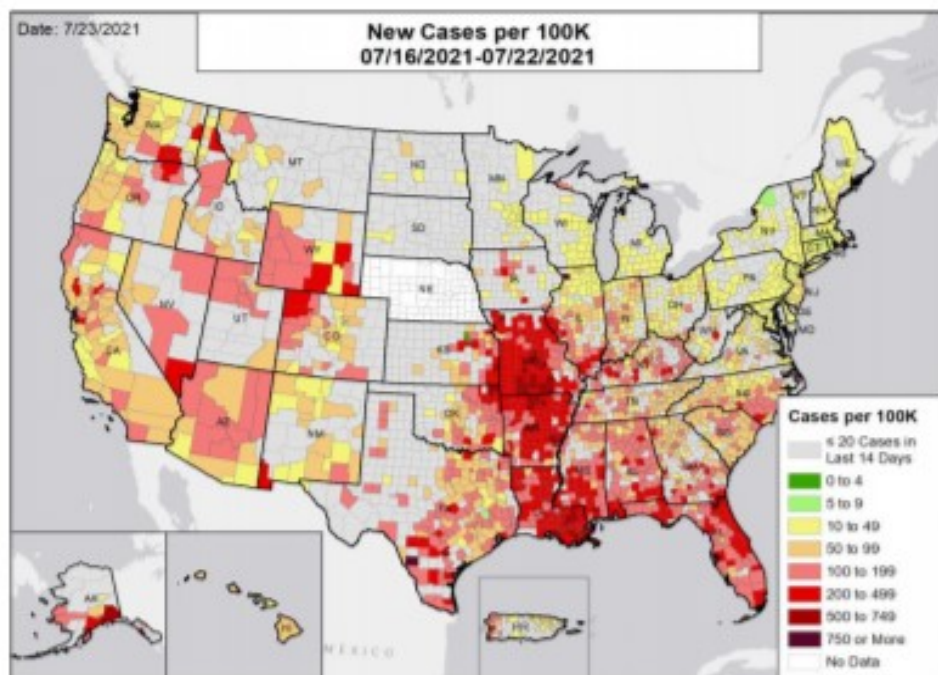
**METHODS:** Details available on last two pages of report.





## National Picture: Cases

NEW CASES PER 100,000



NATIONAL RANKING OF NEW CASES PER 100,000

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

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 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. As of 6/4, Florida is only updating their county case data on Fridays, therefore values for the last week may be an underestimate. As of 6/30, Nebraska is no longer updating their state dashboard and since 5/26, Nebraska was reporting by Local Health Department instead of county; therefore, after 5/25 no county case and death data is available. The week one month before is from 6/18 to 6/24; the week two months before is from 5/21 to 5/27; the week three months before is from 4/23 to 4/29.

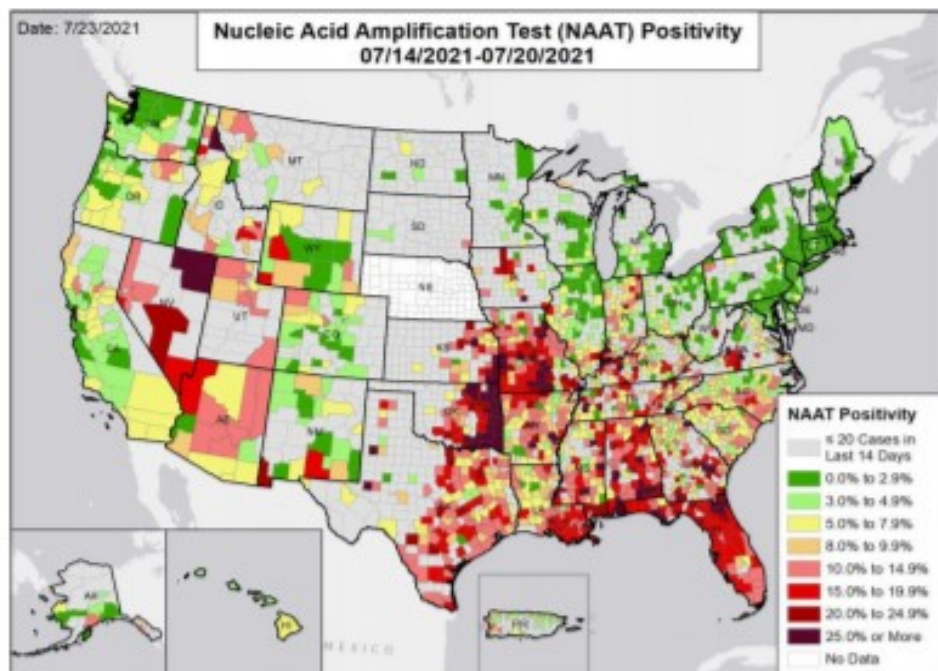
**METHODS:** Details available on last two pages of report.



COVID-19

## National Picture: NAAT Positivity

### NUCLEIC ACID AMPLIFICATION TEST (NAAT) POSITIVITY



### NATIONAL RANKING OF NAAT POSITIVITY

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

### 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:** 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). The term Nucleic Acid Amplification Test (NAAT) includes RT-PCR and other testing methods. Data is through 7/20/2021. The week one month before is from 6/16 to 6/22; the week two months before is from 5/19 to 5/25; the week three months before is from 4/21 to 4/27. As of 5/26, Nebraska is reporting by Local Health Department instead of county; therefore, after 5/25 no county case data is available and county test positivity cannot be accurately displayed.

**METHODS:** Details available on last two pages of report.



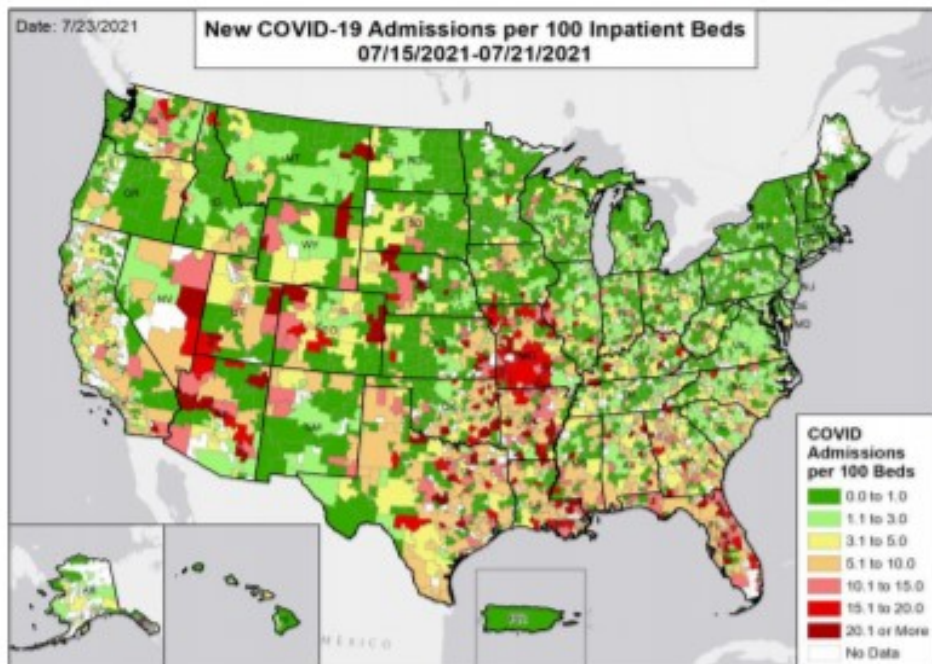


## COVID-19

## National Picture: Hospital Admissions

CONFIRMED NEW COVID-19 ADMISSIONS PER 100 INPATIENT BEDS

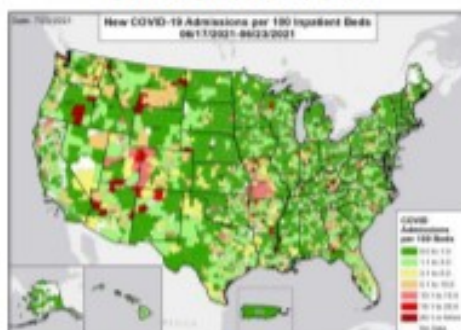
NATIONAL RANKING OF CONFIRMED ADMISSIONS PER 100 BEDS



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

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

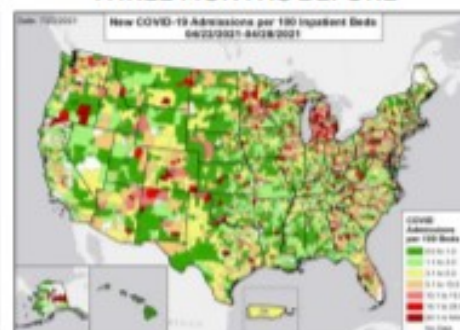
ONE MONTH BEFORE



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 Hospitals Dataset in HHS Protect through 7/21/2021. Totals include only confirmed COVID-19 admissions. Puerto Rico is shown at the territory level as HSAs are not defined. The week one month before is from 6/17 to 6/23; the week two months before is from 5/20 to 5/26; the week three months before is from 4/22 to 4/28. Due to incorrect data entry of Maine hospital admissions, weekly counts and week-on-week changes are not reflective of true values.

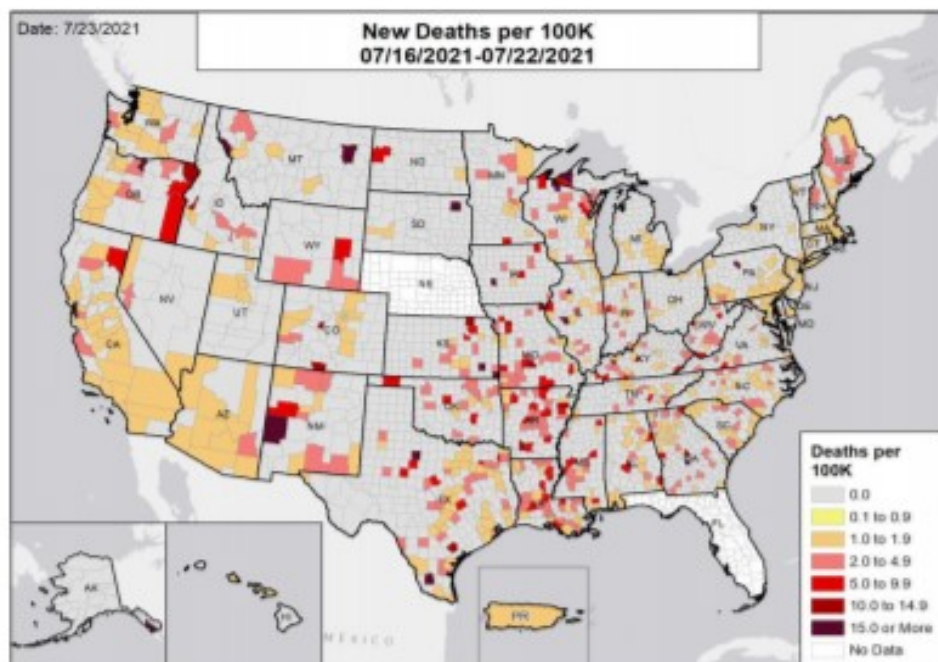
**METHODS:** Details available on last two pages of report.



COVID-19

## National Picture: Deaths

NEW DEATHS PER 100,000

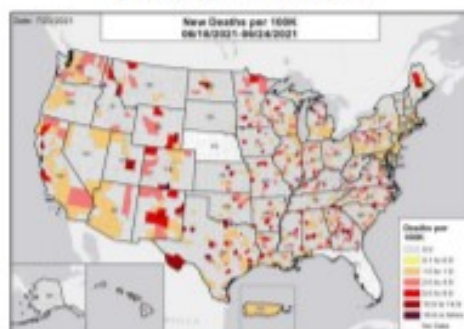


NATIONAL RANKING OF NEW DEATHS PER 100,000

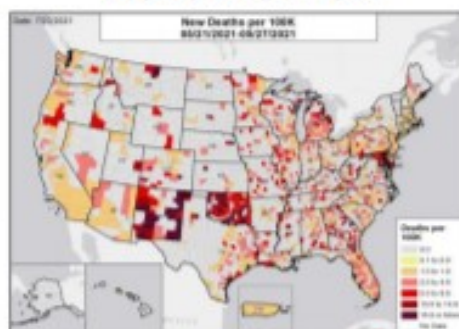
National Rank	State	National Rank	State
1	DE	27	NJ
2	IN	28	NC
3	CA	29	NE
4	KY	30	UT
5	CT	31	CO
6	SD	32	GA
7	AK	33	TN
8	DC	34	TX
9	VT	35	OR
10	RI	36	AL
11	NY	37	ID
12	PR	38	WI
13	ND	39	AZ
14	VA	40	KS
15	MN	41	SC
16	PA	42	MT
17	NH	43	WV
18	MI	44	ME
19	OH	45	OK
20	NM	46	WY
21	MA	47	MS
22	HI	48	MO
23	IA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

NEW DEATHS PER 100,000 IN THE WEEK:

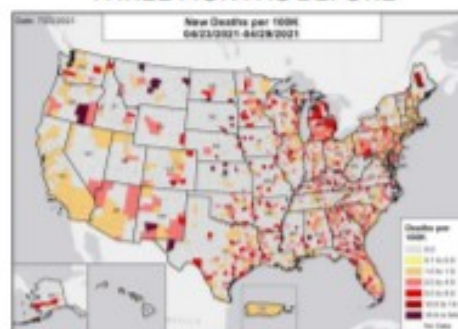
ONE MONTH BEFORE



TWO MONTHS BEFORE



THREE MONTHS BEFORE



### DATA SOURCES

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

**Deaths:** County-level data 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. As of 6/5, Florida is no longer updating their county deaths data; therefore after 6/4 no county death data is available. As of 6/30, Nebraska is no longer updating their state dashboard and since 5/26, Nebraska was reporting by Local Health Department instead of county; therefore, after 5/25 no county case and death data is available. Puerto Rico is shown at the territory level as deaths are not reported at the municipio level. 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. The week one month before is from 6/18 to 6/24; the week two months before is from 5/21 to 5/27; the week three months before is from 4/23 to 4/29.

**METHODS:** Details available on last two pages of report.

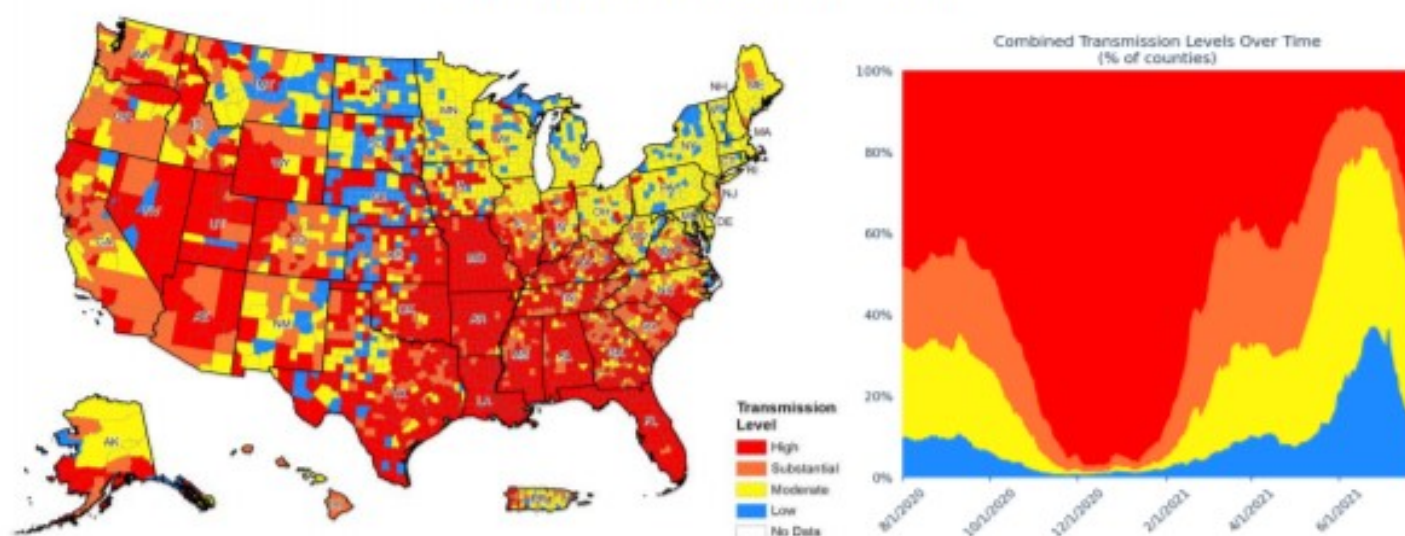




COVID-19

# National Picture: Community Transmission

## COMMUNITY TRANSMISSION BY COUNTY



## COUNTIES BY COMMUNITY TRANSMISSION INDICATOR

CASES PER 100K	0 TO 9	10 TO 49	50 TO 99	100 +
# OF COUNTIES (CHANGE)	421 (+276)	1097 (+250)	777 (+84)	925 (+442)
% OF COUNTIES (CHANGE)	13.1% (+8.6%)	34.1% (+7.8%)	24.1% (+2.6%)	28.7% (+13.7%)
TEST POSITIVITY	0.0% TO 4.9%	5.0% TO 7.9%	8.0% TO 9.9%	10.0% +
# OF COUNTIES (CHANGE)	1475 (+384)	514 (+69)	239 (+20)	992 (+295)
% OF COUNTIES (CHANGE)	45.8% (+11.9%)	16.0% (+2.1%)	7.4% (+0.6%)	30.8% (+9.2%)

## COUNTIES BY COMBINED TRANSMISSION LEVEL

CATEGORY	LOW TRANSMISSION BLUE	MODERATE TRANSMISSION YELLOW	SUBSTANTIAL TRANSMISSION ORANGE	HIGH TRANSMISSION RED
# OF COUNTIES (CHANGE)	318 (+268)	990 (+220)	602 (+60)	1310 (+428)
% OF COUNTIES (CHANGE)	9.9% (+8.3%)	30.7% (+6.8%)	18.7% (+1.9%)	40.7% (+13.3%)

### DATA SOURCES

Maps and figures reflect 7-day average of data from 7/16-7/22 (cases), 7/14-7/20 (tests).

**Note:** Most recent days may have incomplete reporting.

**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 7/22/2021. As of 6/4, Florida is only updating their county case data on Fridays, therefore values for the last week may be an underestimate. As of 6/30, Nebraska is no longer updating their state dashboard and since 5/26, Nebraska was reporting by Local Health Department instead of county; therefore, after 5/25 no county case data is available.

**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). Data is through 7/20/2021.

**County Percentages:** Based on a denominator of 3,220 county/county-equivalents, including states, the District of Columbia, and Puerto Rico municipalities.

**Combined Transmission Level:** If the two indicators suggest different transmission levels, the higher level is selected. Previous week transmission levels are computed based on current data. See [COVID-19 Data Tracker](#).

**METHODS:** Details available on last two pages of report.

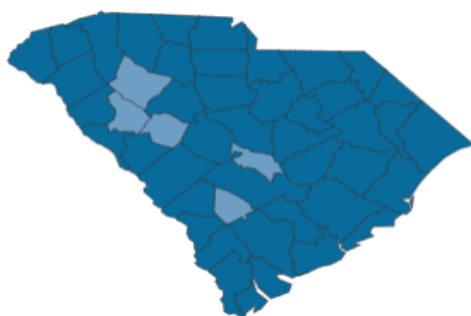
# DHEC Information:

HOME	TESTING	CASES	HOSPITALIZATION	DEATHS
<b>COVID-19 in South Carolina</b> As of 11:59 PM on 7/31/2021				
Tests	Cases	Hospitalizations	Deaths	
8,550,617	623,947	24,216	9,915	

## Two Week Cumulative Incidence Rate

The Two-Week Cumulative Incidence Rate includes new (confirmed & probable) cases reported in the past two weeks (7/18/2021 - 7/31/2021) per 100,000 people. The rate describes recent incidence of COVID-19 infection to capture the potential burden of currently ill people who may be infectious and/or accessing healthcare.

Select a county to display county-specific information  
Click the county again to return to the full state map



Low; 0-50

Moderate; 51-200

High; &gt;200

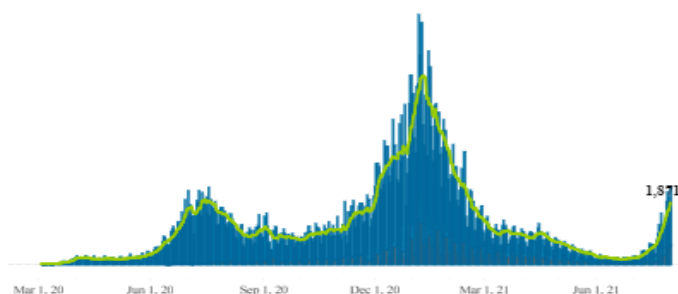
Recovery Estimate South Carolina

94.8%

## COVID-19 Cases per Day

County Displayed:\*

Count of Confirmed Cases  
Count of Probable Cases  
Moving Average 7 day



## 7-Day Moving Average of reported COVID-19 Cases, by Public Health Region

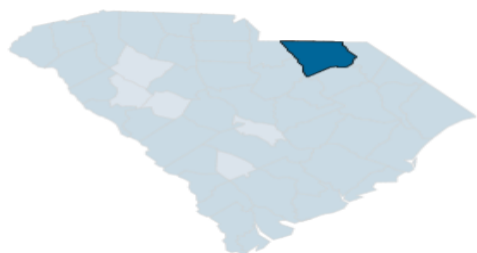


HOME	TESTING	CASES	HOSPITALIZATION	DEATHS
<b>COVID-19 in South Carolina</b> As of 11:59 PM on 7/31/2021				
Tests	Cases	Hospitalizations	Deaths	
62,278	5,096	299	108	

## Two Week Cumulative Incidence Rate

The Two-Week Cumulative Incidence Rate includes new (confirmed & probable) cases reported in the past two weeks (7/18/2021 - 7/31/2021) per 100,000 people. The rate describes recent incidence of COVID-19 infection to capture the potential burden of currently ill people who may be infectious and/or accessing healthcare.

Select a county to display county-specific information  
Click the county again to return to the full state map



Low; 0-50

Moderate; 51-200

High; &gt;200

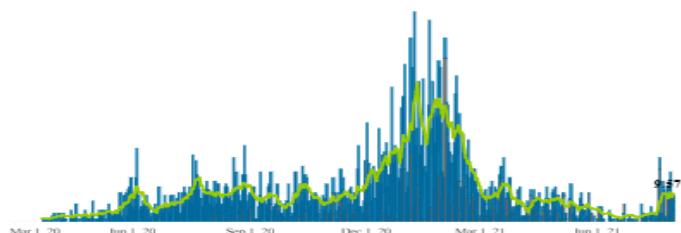
Recovery Estimate South Carolina

94.8%

## COVID-19 Cases per Day

County Displayed: Chesterfield

Count of Confirmed Cases  
Count of Probable Cases  
Moving Average 7 day



## 7-Day Moving Average of reported COVID-19 Cases, by Public Health Region





HOME

TESTING

CASES

HOSPITALIZATION

DEATHS

### COVID-19 in South Carolina

As of 11:59 PM on 7/31/2021

Tests

105,949

Cases

8,861

Hospitalizations

494

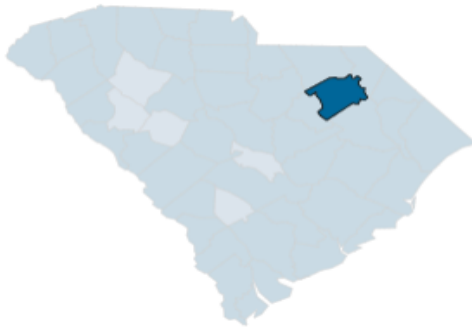
Deaths

183

#### Two Week Cumulative Incidence Rate

The Two-Week Cumulative Incidence Rate includes new (confirmed & probable) cases reported in the past two weeks (7/18/2021 - 7/31/2021) per 100,000 people. The rate describes recent incidence of COVID-19 infection to capture the potential burden of currently ill people who may be infectious and/or accessing healthcare.

Select a county to display county-specific information  
Click the county again to return to the full state map



Low; 0-50

Moderate; 51-200

High; &gt;200

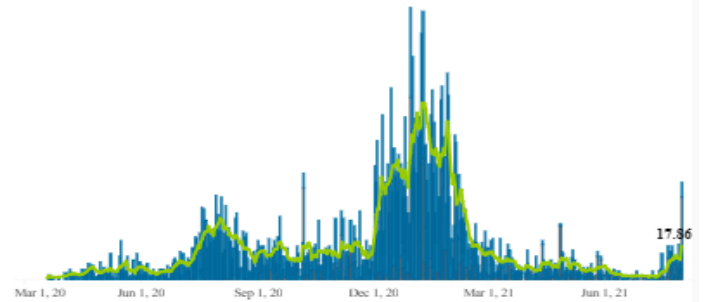
#### Recovery Estimate South Carolina

94.8%

#### COVID-19 Cases per Day

County Displayed: Darlington

Count of Confirmed Cases  
Count of Probable Cases  
Moving Average 7 day



#### 7-Day Moving Average of reported COVID-19 Cases, by Public Health Region



HOME

TESTING

CASES

HOSPITALIZATION

DEATHS

### COVID-19 in South Carolina

As of 11:59 PM on 7/31/2021

Tests

52,598

Cases

4,578

Hospitalizations

267

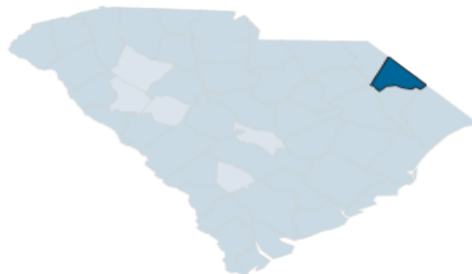
Deaths

85

#### Two Week Cumulative Incidence Rate

The Two-Week Cumulative Incidence Rate includes new (confirmed & probable) cases reported in the past two weeks (7/18/2021 - 7/31/2021) per 100,000 people. The rate describes recent incidence of COVID-19 infection to capture the potential burden of currently ill people who may be infectious and/or accessing healthcare.

Select a county to display county-specific information  
Click the county again to return to the full state map



Low; 0-50

Moderate; 51-200

High; &gt;200

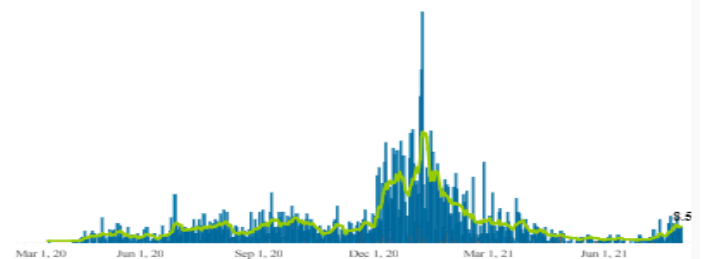
#### Recovery Estimate South Carolina

94.8%

#### COVID-19 Cases per Day

County Displayed: Dillon

Count of Confirmed Cases  
Count of Probable Cases  
Moving Average 7 day



#### 7-Day Moving Average of reported COVID-19 Cases, by Public Health Region



HOME

TESTING

CASES

HOSPITALIZATION

DEATHS

### COVID-19 in South Carolina

As of 11:59 PM on 7/31/2021

Tests

31,234

Cases

1,999

Hospitalizations

142

Deaths

65

#### Two Week Cumulative Incidence Rate

The Two-Week Cumulative Incidence Rate includes new (confirmed & probable) cases reported in the past two weeks (7/18/2021 - 7/31/2021) per 100,000 people. The rate describes recent incidence of COVID-19 infection to capture the potential burden of currently ill people who may be infectious and/or accessing healthcare.

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Click the county again to return to the full state map



Low; 0-50

Moderate; 51-200

High; &gt;200

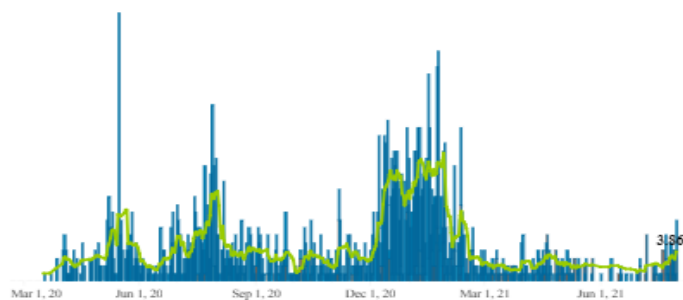
Recovery Estimate South Carolina

94.8%

#### COVID-19 Cases per Day

County Displayed: Lee

Count of Confirmed Cases  
Count of Probable Cases  
Moving Average 7 day



#### 7-Day Moving Average of reported COVID-19 Cases, by Public Health Region



HOME

TESTING

CASES

HOSPITALIZATION

DEATHS

### COVID-19 in South Carolina

As of 11:59 PM on 7/31/2021

Tests

43,927

Cases

3,607

Hospitalizations

231

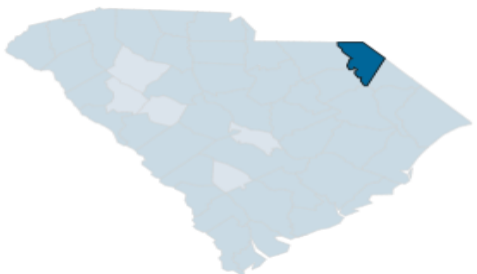
Deaths

61

#### Two Week Cumulative Incidence Rate

The Two-Week Cumulative Incidence Rate includes new (confirmed & probable) cases reported in the past two weeks (7/18/2021 - 7/31/2021) per 100,000 people. The rate describes recent incidence of COVID-19 infection to capture the potential burden of currently ill people who may be infectious and/or accessing healthcare.

Select a county to display county-specific information  
Click the county again to return to the full state map



Low; 0-50

Moderate; 51-200

High; &gt;200

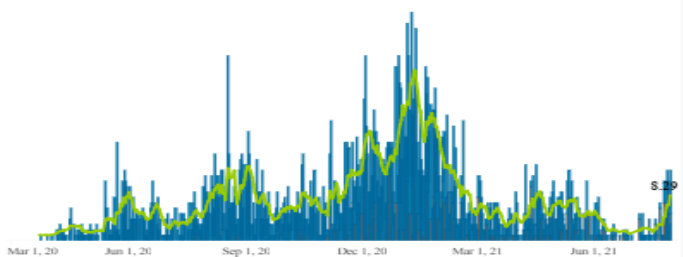
Recovery Estimate South Carolina

94.8%

#### COVID-19 Cases per Day

County Displayed: Marlboro

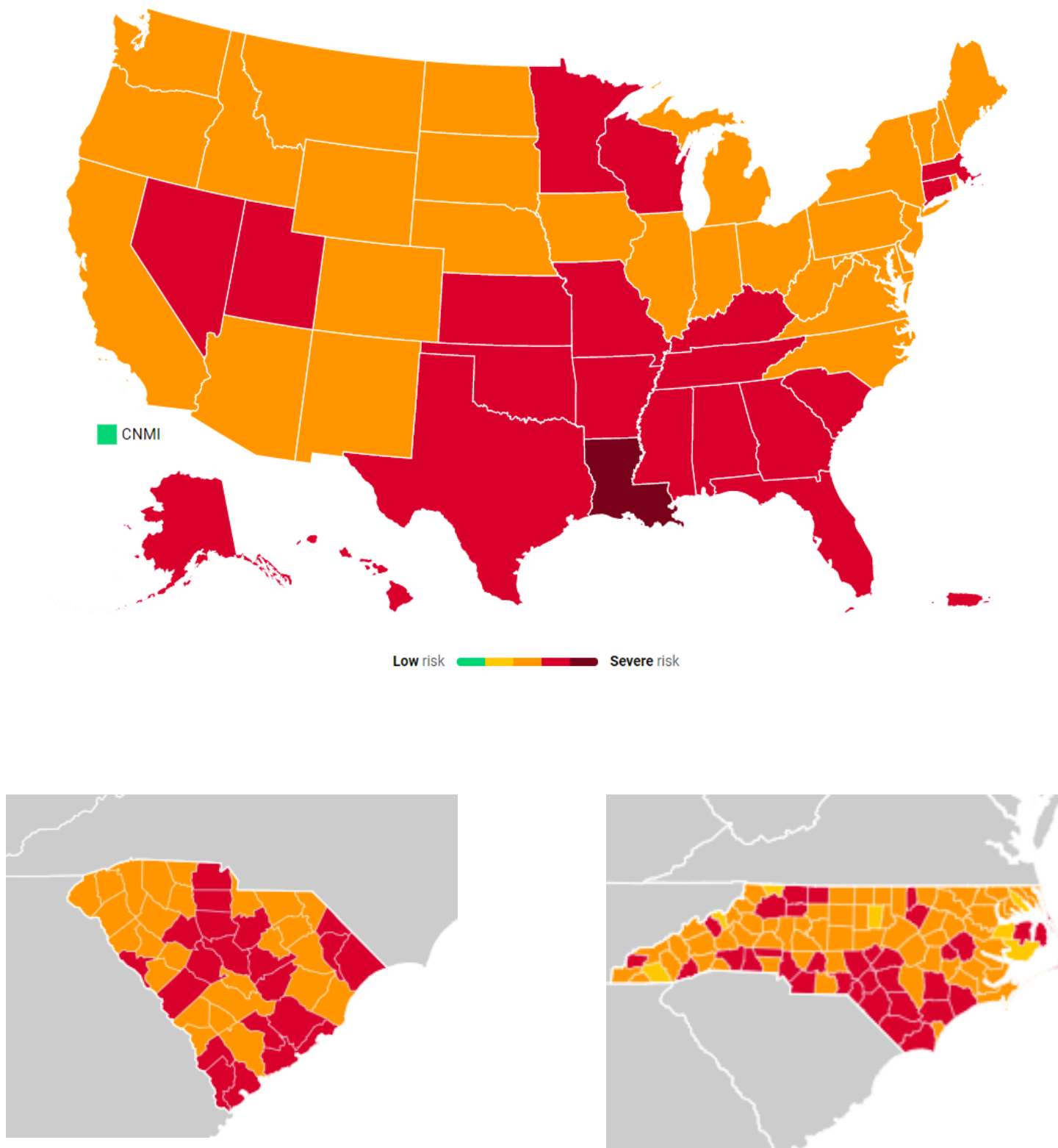
Count of Confirmed Cases  
Count of Probable Cases  
Moving Average 7 day



#### 7-Day Moving Average of reported COVID-19 Cases, by Public Health Region



## US Interventions Model (from Covid Act Now)



For more detailed information on a particular state or county, visit [www.covidactnow.org](http://www.covidactnow.org).

## South Carolina

Updated on August 2

Share

Find a vaccine



RISK LEVEL ⓘ

• **VERY HIGH**

VACCINATION PROGRESS



Daily new cases >

• **28.6** PER 100K

Infection rate >

• **1.48**

Positive test rate >

• **12.8%**

% Vaccinated >

**46.9%** 1+ DOSE

PAST 30 DAYS

Cases >



Hospitaliz... >



Deaths >



Get the latest news and alerts about this location.

Email address

Get alerts

## Chesterfield County, SC

Updated on August 2

Share

Find a vaccine



RISK LEVEL ⓘ

• **HIGH**

VACCINATION PROGRESS



Daily new cases >

• **21.6** PER 100K

Infection rate >

• **1.16**

Positive test rate >

• **10.1%**

% Vaccinated >

**30.8%** 1+ DOSE

PAST 30 DAYS

Cases >



Hospitaliz... >



Deaths >



Get the latest news and alerts about this location.

Email address

Get alerts

## Darlington County, SC

Updated on August 2

Share

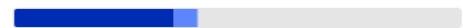
Find a vaccine



RISK LEVEL ⓘ

• **HIGH**

VACCINATION PROGRESS



Daily new cases >

• **17.6** PER 100K

Infection rate >

• **1.18**

Positive test rate >

• **13.0%**

% Vaccinated >

**41.1%** 1+ DOSE

PAST 30 DAYS

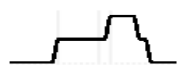
Cases >



Hospitaliz... >



Deaths >



Get the latest news and alerts about this location.

Email address

Get alerts

## Dillon County, SC

Updated on August 2

Share

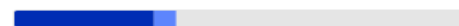
Find a vaccine



RISK LEVEL ⓘ

• **VERY HIGH**

VACCINATION PROGRESS



Daily new cases &gt;

• **29.5** PER 100K

Infection rate &gt;

• **1.11**

Positive test rate &gt;

• **11.6%**

% Vaccinated &gt;

**35.9%** 1+ DOSE

PAST 30 DAYS

Cases &gt;

Hospitaliz... &gt;

Deaths &gt;



Get the latest news and alerts about this location.

Email address

Get alerts

## Lee County, SC

Updated on August 2

Share

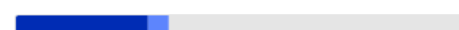
Find a vaccine



RISK LEVEL ⓘ

• **HIGH**

VACCINATION PROGRESS



Daily new cases &gt;

• **20.4** PER 100K

Infection rate &gt;

• **1.29**

Positive test rate &gt;

• **4.0%**

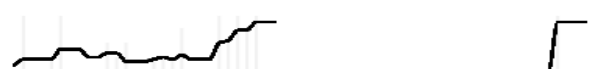
% Vaccinated &gt;

**34.2%** 1+ DOSE

PAST 30 DAYS

Cases &gt;

Deaths &gt;



Get the latest news and alerts about this location.

Email address

Get alerts

## Marlboro County, SC

Updated on August 2

Share

Find a vaccine



RISK LEVEL ⓘ

• **HIGH**

VACCINATION PROGRESS



Daily new cases &gt;

• **23.0** PER 100K

Infection rate &gt;

• **1.28**

Positive test rate &gt;

• **5.2%**

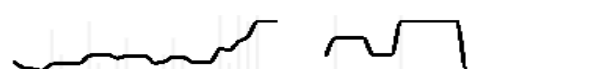
% Vaccinated &gt;

**35.9%** 1+ DOSE

PAST 30 DAYS

Cases &gt;

Deaths &gt;



Get the latest news and alerts about this location.

Email address

Get alerts

# IHME Model

Our estimates now default to reported deaths in each location, which is the number of deaths officially reported as COVID-19. Select "Excess" to see the number of excess deaths related to COVID-19, which is all deaths estimated as attributed to COVID-19, including unreported deaths. To learn more about our methods, please see our [special analysis](#).  
 Last updated July 30, 2021 (Pacific Time)  
[FAQ](#) | [Policy briefings](#) | [Publications](#) | [Partners](#)

South Carolina

Cumulative deaths Daily deaths Hospital resource use Infections and testing Mask use Social distancing

## Cumulative deaths

Trend Compare Map

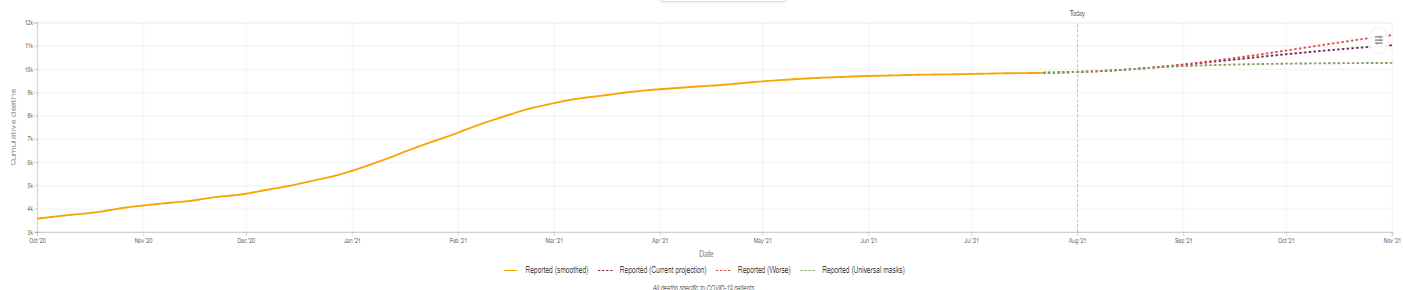
Reported deaths are the number of deaths officially reported as COVID-19.  
 Excess deaths are the number of deaths estimated as attributed to COVID-19, including unreported deaths.

Reported Excess Both

11,027 reported COVID-19 deaths

based on Current projection scenario by November 1, 2021

Scenario Projection X Worse X Masks X



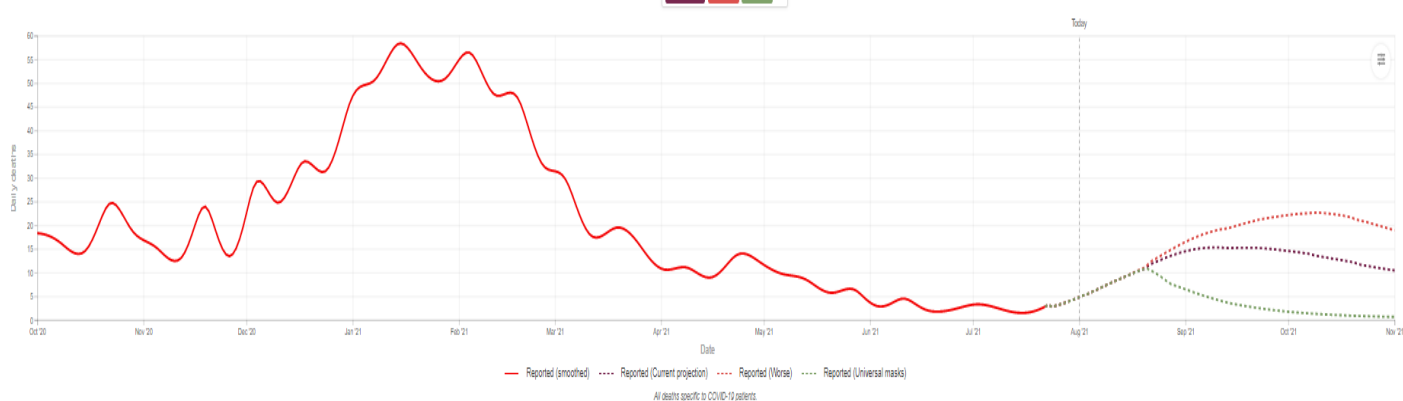
## Daily deaths

Trend Compare Map

Daily deaths is the best indicator of the progression of the pandemic, although there is generally a 17-21 day lag between infection and deaths.

Reported Excess Both

Scenario Projection X Worse X Masks X

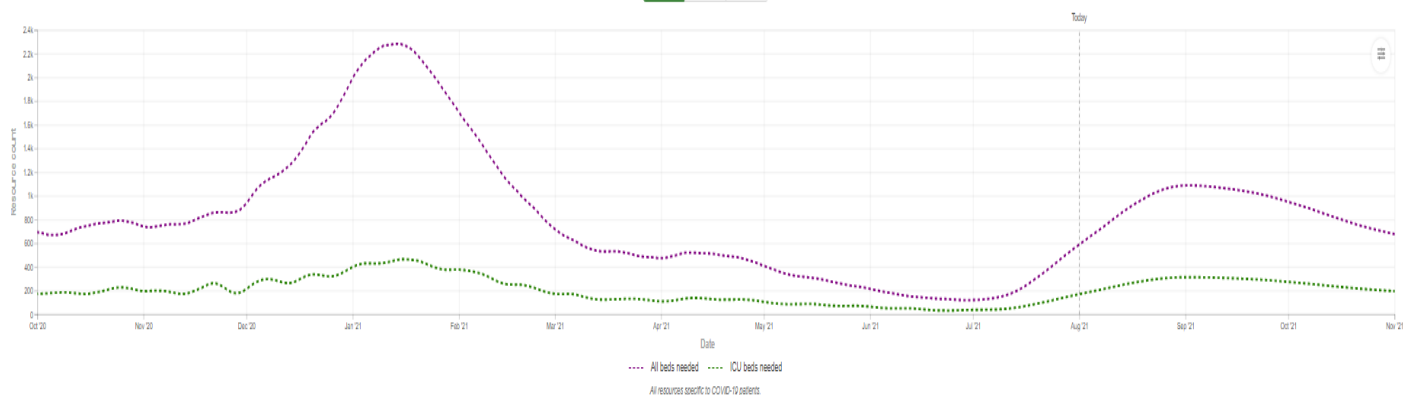


## Hospital resource use

Trend Compare Map

Hospital resource use indicates how equipped a location is to treat COVID-19 patients for the Current projection scenario. Select All beds or ICU beds for descriptions of each measure.

All All beds ICU beds

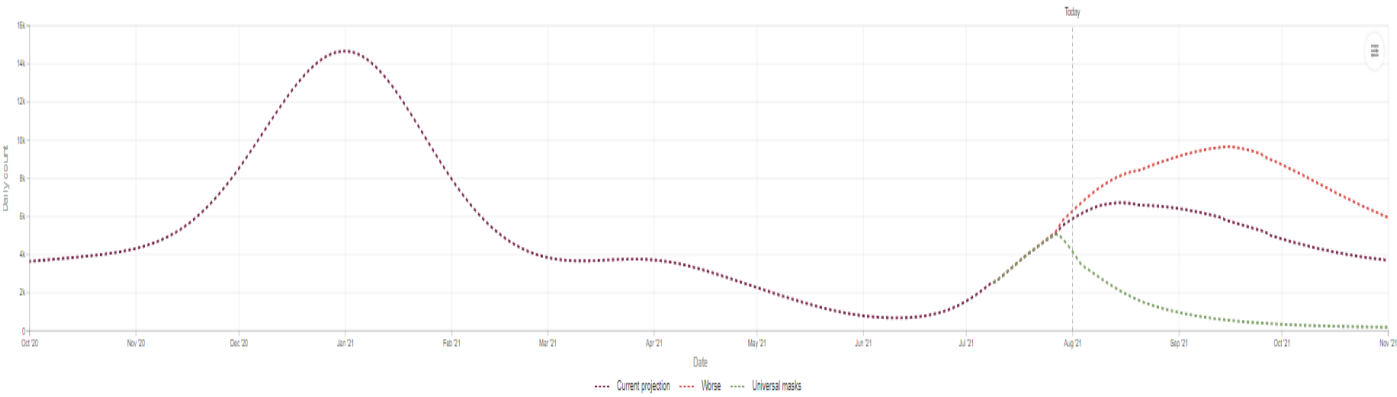


# Daily infections and testing <sup>12</sup>

Trend Compare Map

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

Estimated infections Confirmed infections Tests  
Scenario Projection X Worse X Masks X ✓

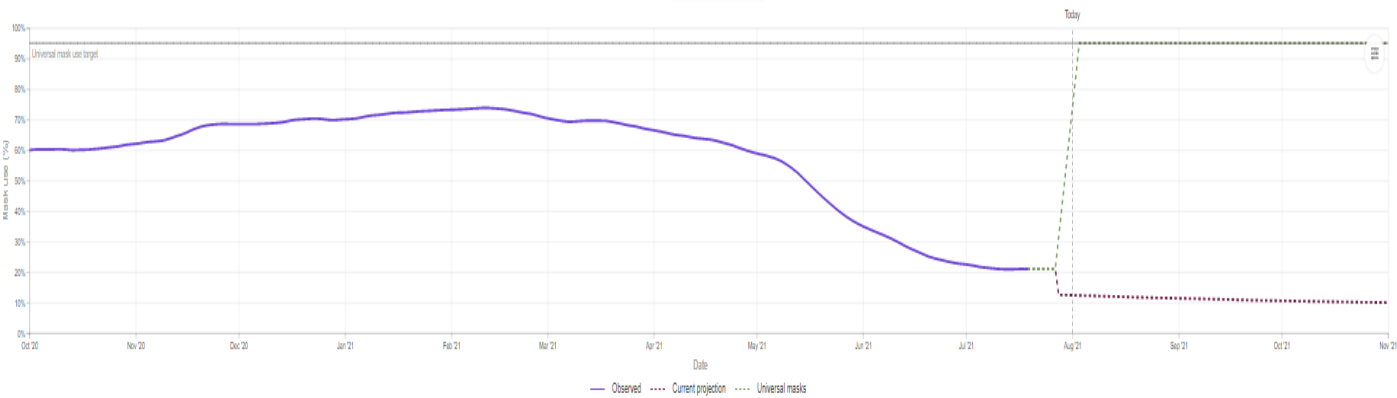


# Mask use <sup>12</sup>

Trend Compare Map

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. <sup>12</sup>

Scenario Projection X Masks X ✓



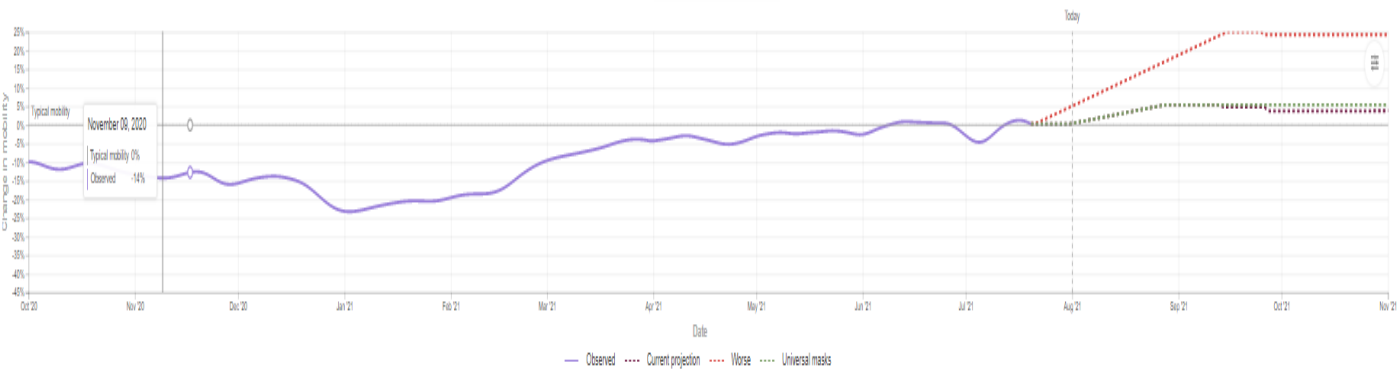
Data sources: Premise (US only); The Despi Group at Carnegie Mellon University and University of Maryland COVID-19 Trends and Impact Survey; in partnership with Facebook; Kaiser Family Foundation; YouGov COVID-19 Behaviour Tracker survey.

# Social distancing <sup>12</sup>

Trend Compare Map

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 Worse X Masks X ✓



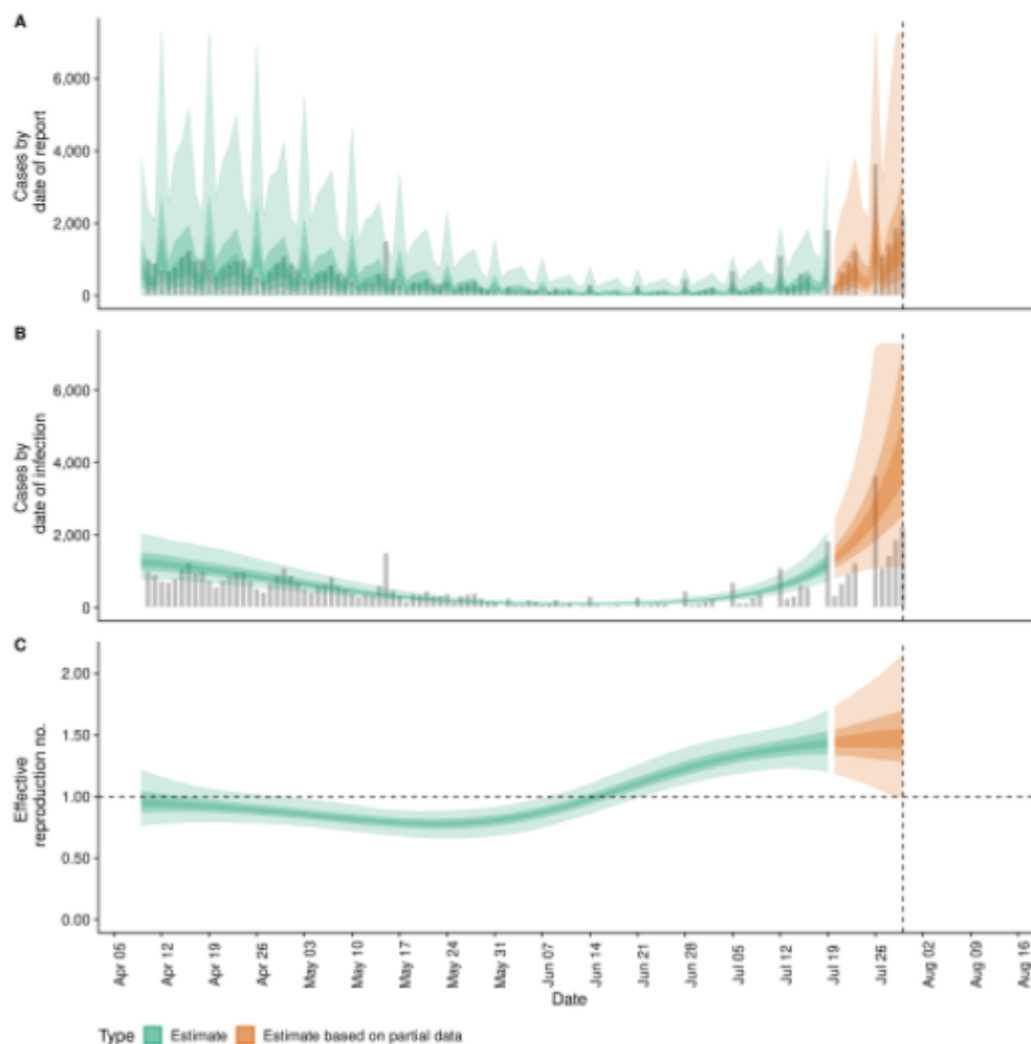
## SC Reproduction Number Estimate

### Summary (estimates as of the 2021-07-30)

Table 1: Latest estimates (as of the 2021-07-30) of the number of confirmed cases by date of infection, the expected change in daily confirmed cases, the effective reproduction number, the growth rate, and the doubling time (when negative this corresponds to the halving time). The median and 90% credible interval is shown for each numeric estimate.

	Estimate
New confirmed cases by infection date	4171 (1155 – 17927)
Expected change in daily cases	Likely increasing
Effective reproduction no.	1.5 (0.98 – 2.1)
Rate of growth	0.12 (-0.0044 – 0.28)
Doubling/halving time (days)	5.7 (2.5 – -160)

### Confirmed cases, their estimated date of report, date of infection, and time-varying reproduction number estimates



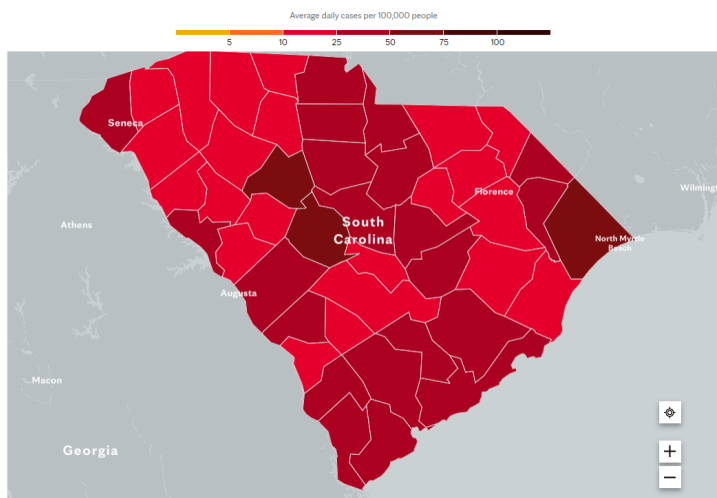




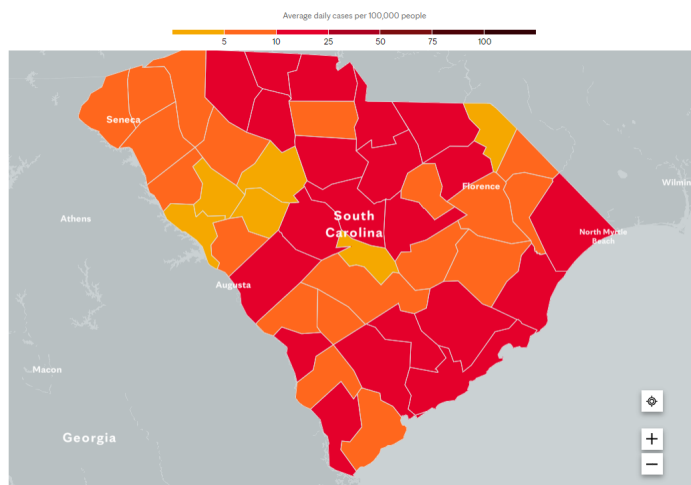
## Mayo Clinic Covid Tracker

### Rate of New Cases

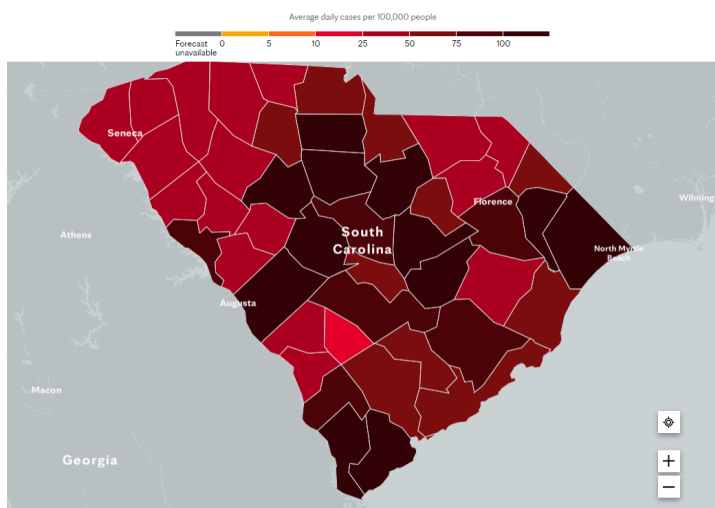
Current



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/>