Weekly Covid-19 Data Digest

care**SOUTH** *carolina*

July 7, 2021

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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.

DHEC Reported Active Cases by Zip Code (as of 7/4/21 at 11:59PM)

Chesterfield County

Zip	Town	Cases	Per 1000 Pop
29520	Cheraw	1	0.07
29709	Chesterfield	3	0.45
29718	Jefferson	2	0.46
29101	McBee	6	1.98
29727	Mt.Croghan	0	0.00
29728	Pageland	2	0.21
29584	Patrick	2	0.89
29741	Ruby	0	0.00
Unknown or OOC Zip Code		0	N/A
County Total		**16**	**0.35**

Darlington County

Zip	Town	Cases	Per 1000 Pop
29532	Darlington	5	0.24
29540	Darlington	1	0.22
29550	Hartsville	13	0.40
29069	Lamar	0	0.00
29593	Society Hill	0	0.00
Unknown or OOC Zip Code		0	N/A
County Total		**19**	**0.29**

Dillon County

Zip	Town	Cases	Per 1000 Pop
29536	Dillon	10	0.59
29543	Fork	0	0.00
29547	Hamer	2	0.65
29563	Lake View	2	0.96
29565	Latta	0	0.00
29567	Little Rock	1	2.57
Unknown or OOC Zip Code		0	N/A
County Total		**15**	**0.49**

Lee County

Zip	Town	Cases	Per 1000 Pop
29010	Bishopville	8	0.67
29046	Elliott	0	0.00
29080	Lynchburg	1	0.32
Unknown or OOC Zip Code		0	N/A
County Total		**9**	**0.53**

Marlboro County

Zip	Town	Cases	Per 1000 Pop
29512	Bennettsville	3	0.17
29516	Blenheim	0	0.00
29525	Clio	2	0.95
29570	McColl	4	1.13
29594	Tatum	0	0.00
29596	Wallace	0	0.00
Unknown or OOC Zip Code		0	N/A
County Total		**9**	**0.34**

Florence County

Zip	Town	Cases	Per 1000 Pop
29530	Coward	0	0.00
29541	Effingham	7	0.73
29501	Florence	28	0.61
29505	Florence	8	0.32
29506	Florence	5	0.24
29555	Johnsonville	5	0.87
29560	Lake City	7	0.52
29114	Olanta	0	0.00
29583	Pamplico	9	1.61
29591	Scranton	0	0.00
29161	Timmonsville	3	0.25
Unknown or OOC Zip Code		1	N/A
County Total		**73**	**0.53**

Marion County

Zip	Town	Cases	Per 1000 Pop
29519	Centenary	0	0.00
29546	Gresham	0	0.00
29571	Marion	7	0.47
29574	Mullins	3	0.28
29581	Nichols	1	0.22
29592	Sellers	5	6.77
Unknown or OOC Zip Code		0	N/A
County Total		**16**	**0.52**

(green)	Equal or less cases than previous report
(red)	More cases than previous report

* Note: zip codes extend beyond county borders so zip code totals and county totals will not match. "OOC Zip Code" indicates zip code fro which post office is physically located in adjacent county.

Counties Ranked by Active Cases Per 1000 Pop.

Rank	County	Cases	Per 1000
1T	Florence	73	0.53
1T	Lee	9	0.53
3	Marion	16	0.52
4	Dillon	15	0.49
6	Chesterfield	16	0.35
7	Marlboro	9	0.34
8	Darlington	19	0.29

Top Ten Zip Codes by Active Cases Per 1000 Pop.

Rank	Town (Zip Code)	Cases	Per 1000
1	Sellers (29592)	5	6.77
2	Little Rock (29567)	1	2.57
3	McBee (29101)	6	1.98
4	Pamplico (29583)	9	1.61
5	McColl (29570)	4	1.13
6	Lake View (29563)	2	0.96
7	Clio (29525)	2	0.95
8	Patrick (29584)	2	0.89
9	Johnsonville (29555)	5	0.87
10	Effingham (29541)	7	0.73

Top Ten Zip Codes by Total Active Cases

Rank	Town (Zip Code)	Cases	Per 1000
1	Florence (29501)	28	0.61
2	Hartsville (29550)	13	0.40
3	Dillon (29536)	10	0.59
4	Pamplico (29583)	9	1.61
5T	Bishopville (29010)	8	0.67
5T	Florence (29505)	8	0.32
7T	Lake City (29560)	7	0.52
7T	Marion (29571)	7	0.47
9	McBee (29101)	6	1.98
10	4 Tied	5	N/A

Equal or less cases than previous report   More cases than previous report
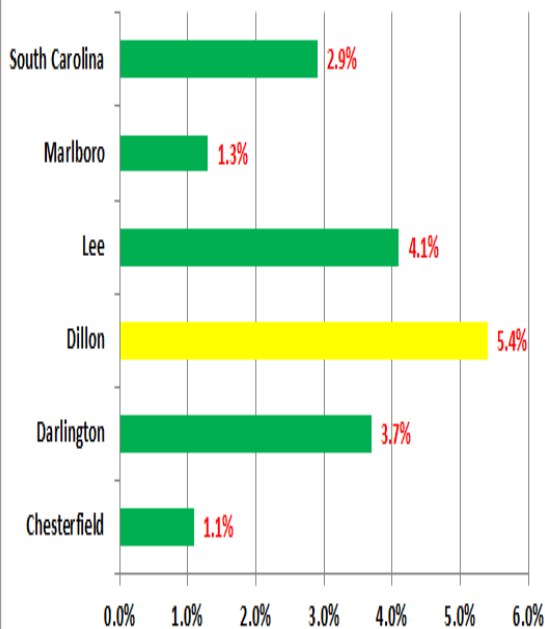
Rate of Covid-19 Deaths Per Day by Month
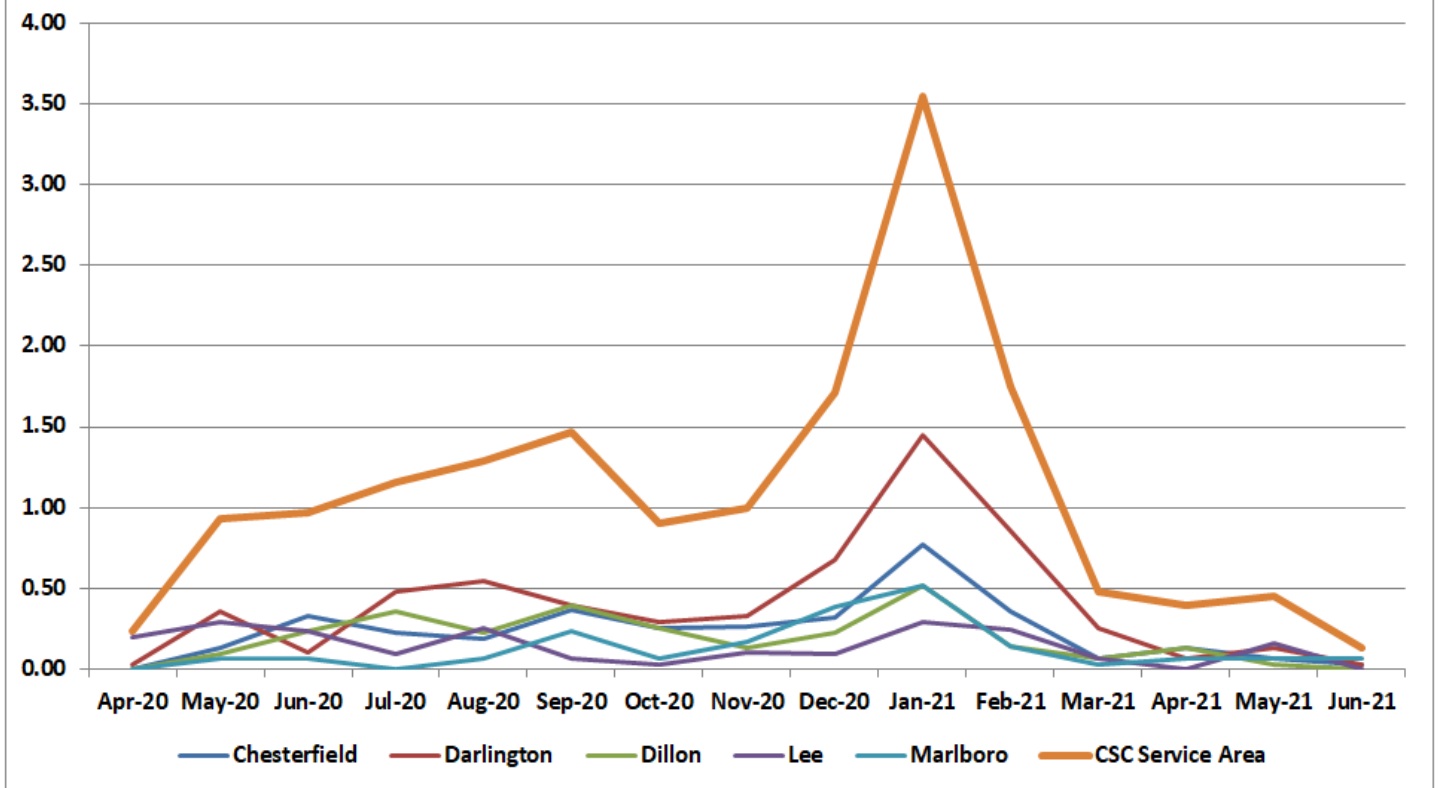
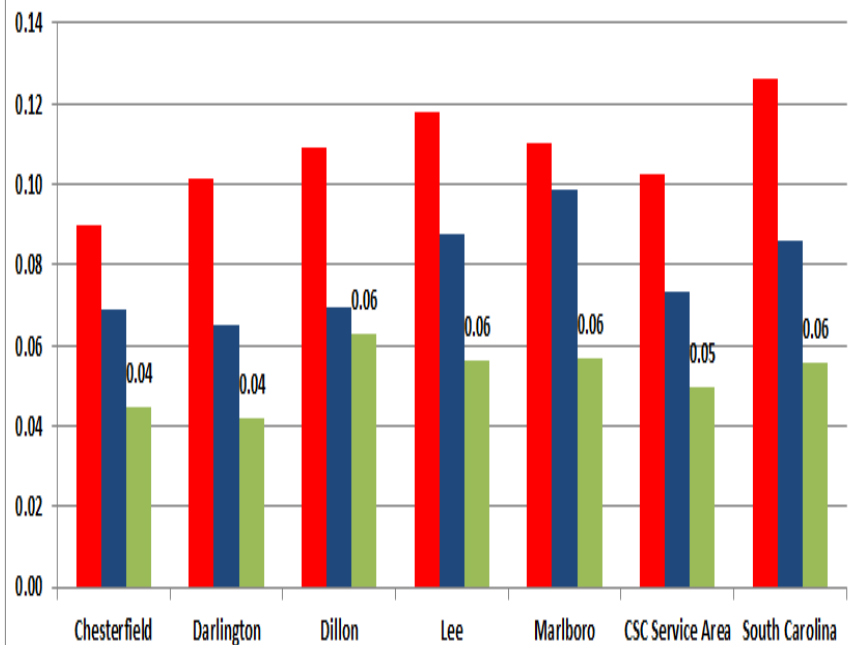## COVID-19 TOTAL CUMULATIVE CASES COMPARISON DATA (as of July 5, 2021)

Geographic Unit	Population	Cases	Cases Since Last Report	Cases Per 100 Pop.	Rate Exceeds: State*	Nation	World
Anson County, NC	25,289	2,639	4	10.44	Yes	Yes	Yes
Chesterfield County	45,650	4,930	4	10.80	No	Yes	Yes
Columbus County, NC	56,220	6,462	7	11.49	Yes	Yes	Yes
Darlington County	66,618	8,628	8	12.95	Yes	Yes	Yes
Dillon County	30,479	4,437	12	14.56	Yes	Yes	Yes
Florence County	138,293	18,045	39	13.05	Yes	Yes	Yes
Horry County	354,081	39,845	161	11.25	No	Yes	Yes
Kershaw County	66,551	7,567	21	11.37	No	Yes	Yes
Lancaster County	98,012	10,976	43	11.20	No	Yes	Yes
Lee County	16,828	1,945	6	11.56	No	Yes	Yes
Marion County	30,657	3,572	4	11.65	Yes	Yes	Yes
Marlboro County	26,118	3,511	3	13.44	Yes	Yes	Yes
Richmond County, NC	44,993	4,852	43	10.78	Yes	Yes	Yes
Robeson County, NC	130,529	16,934	82	12.97	Yes	Yes	Yes
Scotland County, NC	35,690	3,914	9	10.97	Yes	Yes	Yes
Sumter County	106,721	10,651	30	9.98	No	No	Yes
Union County, NC	242,657	24,986	88	10.30	Yes	Yes	Yes
South Carolina	5,148,714	598,093	1,477	11.62	N/A	Yes	Yes
North Carolina	10,630,691	1,015,847	2,640	9.56	N/A	No	Yes
United States	330,300,890	33,545,316	93,568	10.16	N/A	N/A	Yes
World	7,681,651,842	185,204,044	3,129,691	2.41	N/A	N/A	N/A

* Compared to state in which county is located
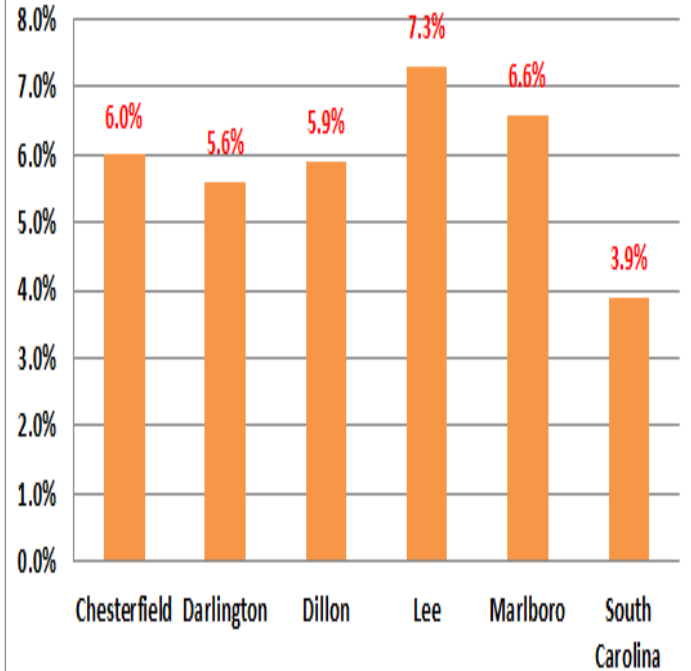

7 Day Average Positivity Rate

April/May/June Tests Per Capita

Total Hospitalizations

(Bar chart values by county)
- Chesterfield: 295
- Darlington: 485
- Dillon: 260
- Lee: 142
- Marlboro: 230
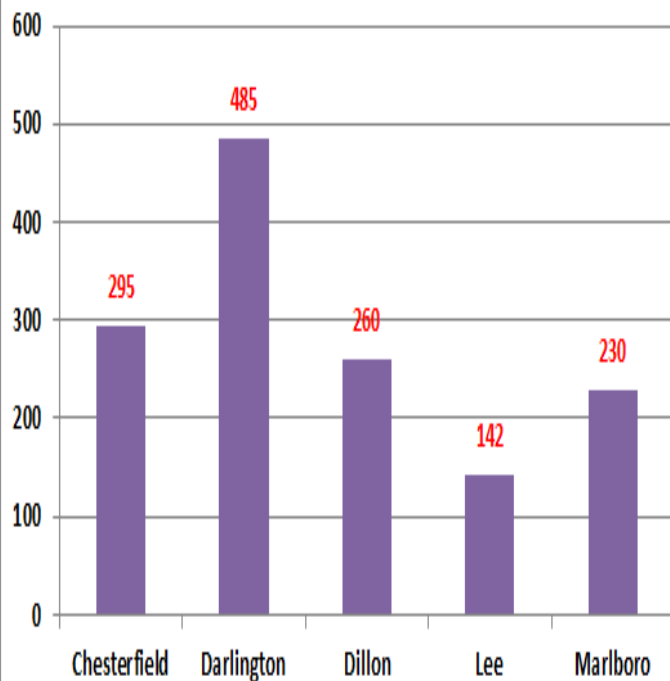
Rate of Hospitalization

(Bar chart values by county)
- Chesterfield: 6.0%
- Darlington: 5.6%
- Dillon: 5.9%
- Lee: 7.3%
- Marlboro: 6.6%
- South Carolina: 3.9%

Hospital Utilization

County	Covid Patients	ICU Covid Pts.	Covid Pts. Vent.	Percent Occupied
Chesterfield	0	0	0	31.3%
Clarendon	0	0	0	28.6%
Darlington	3	3	0	55.1%
Dillon	1	0	0	71.8%
Florence	5	1	0	79.3%
Georgetown	5	2	0	77.6%
Horry	23	7	2	81.5%
Marion	0	0	0	91.2%
Sumter	2	0	0	54.1%
Williamsburg	0	0	0	43.8%
Total	39	13	2	74.4%

Note: Data as reported by DHEC.

Long Term Care Facility Cases Within Past 30 Days			
County	Facility	Residents	Staff
Chesterfield	Rehab Center of Cheraw	1	0
* as reported by DHEC as of 6/29/21			

DHEC Reported Vaccine Recipients by Zip Code -- Age 12 & Older (as of 7/4/21 at 11:59PM)

Chesterfield County

Zip	Town	Recipients	% of Pop
29520	Cheraw	5011	41.2%
29709	Chesterfield	2223	39.5%
29718	Jefferson	945	25.8%
29101	McBee	799	31.9%
29727	Mt.Croghan	398	25.5%
29728	Pageland	2078	25.9%
29584	Patrick	723	36.4%
29741	Ruby	586	26.6%
Unknown or OOC Zip Code		738	N/A
County Total		**13501**	**34.1%**

Darlington County

Zip	Town	Recipients	% of Pop
29532	Darlington	6862	38.3%
29540	Darlington	2034	50.8%
29550	Hartsville	14062	50.2%
29069	Lamar	1700	43.0%
29593	Society Hill	553	38.5%
Unknown or OOC Zip Code		1851	N/A
County Total		**27062**	**47.1%**

Dillon County

Zip	Town	Recipients	% of Pop
29536	Dillon	5035	28.3%
29543	Fork	288	50.3%
29547	Hamer	788	31.3%
29563	Lake View	922	48.8%
29565	Latta	2190	37.0%
29567	Little Rock	237	66.6%
Unknown or OOC Zip Code		427	N/A
County Total		**9887**	**38.9%**

Lee County

Zip	Town	Recipients	% of Pop
29010	Bishopville	4077	37.8%
29080	Lynchburg	581	22.9%
Unknown or OOC Zip Code		1190	N/A
County Total		**5848**	**38.4%**

% less than SC average
% equal to or greater than SC average

Marlboro County

Zip	Town	Recipients	% of Pop
29512	Bennettsville	5019	32.4%
29516	Blenheim	254	30.4%
29525	Clio	642	36.5%
29570	McColl	897	28.5%
29596	Wallace	706	37.9%
Unknown or OOC Zip Code		91	N/A
County Total		**7609**	**32.8%**

Zip Codes with Highest % of Recipients

Rank	Town	Zip	% of Pop
1	Little Rock	29567	66.6%
2	Darlington	29540	50.8%
3	Fork	29543	50.3%
4	Hartsville	29550	50.2%
5	Lake View	29563	48.8%
6	Lamar	29069	43.0%
7	Cheraw	29520	41.2%
8	Chesterfield	29709	39.5%
9	Society Hill	29593	38.5%
10	Darlington	29532	38.3%

Zip Codes with Lowest % of Recipients

Rank	Town	Zip	% of Pop
1	Lynchburg	29080	22.9%
2	Mt. Croghan	29727	25.5%
3	Jefferson	29718	25.8%
4	Pageland	29728	25.9%
5	Ruby	29741	26.6%
6	Dillon	29536	28.3%
7	McColl	29570	28.5%
8	Blenheim	29516	30.4%
9	Hamer	29547	31.3%
10	McBee	29101	31.9%

Counties Ranked by Recipients % of Pop.

Rank	County	Recipients	% of Pop
1	Darlington	26946	46.9%
2	Dillon	9839	38.7%
3	Lee	5820	38.2%
4	Chesterfield	13447	33.9%
5	Marlboro	7563	32.6%
CSC Service Area		**63615**	**42.3%**

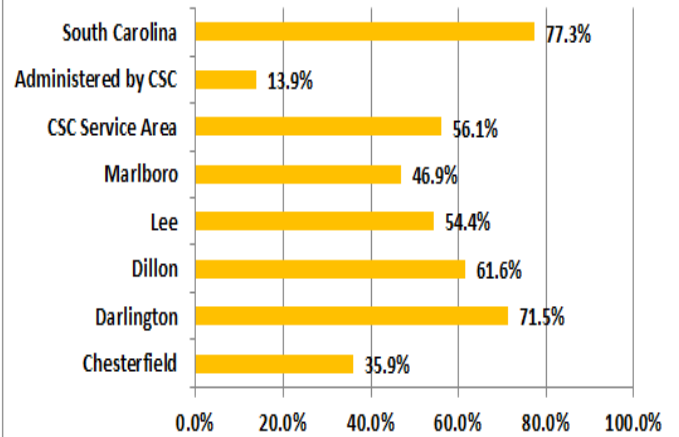| Percentage of Residents Vaccinated by Race, Sex and Ethnicity*						
County	Black	White	Asian/AIAN	Hispanic	Female	Male
Chesterfield	26.9%	30.6%	34.7%	24.4%	37.3%	30.6%
Darlington	39.4%	44.0%	56.2%	45.2%	50.2%	43.6%
Dillon	31.8%	41.7%	20.5%	19.0%	42.5%	34.8%
Lee	30.9%	36.5%	45.3%	23.9%	44.9%	32.0%
Marlboro	29.0%	31.9%	53.2%	12.5%	38.7%	27.4%
CSC Service Area	32.9%	37.9%	38.2%	26.7%	43.8%	35.4%

Equal or greater than Service Area Avg.
Less than Service Area Avg.

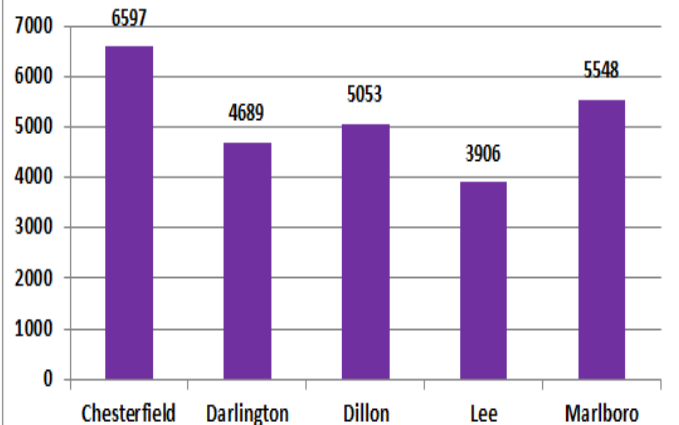* Does not include those reported as other race or unknown race. Updated weekly on Mondays.

MUSC Estimated

Percentage of Immunity

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	34%	26%		55%	60%	65%
Aiken	31%	25%		51%	56%	61%
Allendale	36%	23%		54%	59%	64%
Anderson	32%	29%		55%	60%	66%
Bamberg	34%	23%		52%	57%	62%
Barnwell	33%	30%		57%	63%	69%
Beaufort	41%	20%		57%	61%	66%
Berkeley	33%	19%		48%	52%	56%
Calhoun	36%	21%		52%	57%	61%
Charleston	47%	23%		65%	70%	75%
Cherokee	24%	27%		46%	51%	56%
Chester	30%	31%		56%	62%	68%
Chesterfield	26%	27%		48%	53%	58%
Clarendon	34%	25%		54%	59%	64%
Colleton	33%	24%		52%	57%	61%
Darlington	36%	32%		61%	67%	74%
Dillon	28%	35%		58%	64%	70%
Dorchester	35%	30%		59%	65%	71%
Edgefield	31%	28%		54%	59%	65%
Fairfield	38%	24%		57%	62%	67%
Florence	36%	31%		60%	66%	72%
Georgetown	46%	25%		65%	71%	76%
Greenville	37%	37%		67%	74%	81%
Greenwood	35%	28%		58%	63%	69%
Hampton	36%	22%		53%	58%	63%
Horry	41%	27%		63%	68%	74%
Jasper	29%	18%		43%	47%	51%
Kershaw	34%	27%		56%	61%	67%
Lancaster	29%	29%		53%	59%	64%
Laurens	29%	29%		53%	58%	64%
Lee	31%	25%		51%	55%	60%
Lexington	37%	29%		60%	66%	72%
Marion	34%	28%		57%	63%	68%
Marlboro	25%	30%		50%	55%	61%
McCormick	46%	29%		69%	75%	81%
Newberry	36%	30%		60%	65%	71%
Oconee	34%	31%		59%	64%	70%
Orangeburg	35%	27%		57%	62%	68%
Pickens	30%	36%		60%	66%	73%
Richland	39%	25%		59%	64%	69%
Saluda	32%	20%		47%	52%	56%
Spartanburg	30%	34%		59%	65%	71%
Sumter	28%	23%		46%	51%	56%
Union	29%	29%		53%	58%	64%
Williamsburg	37%	31%		62%	68%	74%
York	31%	30%		55%	61%	67%
Whole state	36%	28%		58%	64%	70%

Vaccine Doses Administered by Location as % of Population

Location	Percentage
South Carolina	77.3%
Administered by CSC	13.9%
CSC Service Area	56.1%
Marlboro	46.9%
Lee	54.4%
Dillon	61.6%
Darlington	71.5%
Chesterfield	35.9%

Total Doses Administered by CSC
CSC Total 25,793

County	Doses
Chesterfield	6597
Darlington	4689
Dillon	5053
Lee	3906
Marlboro	5548

Percentage of Doses Administered by CSC

Location	Percentage
CSC Service Area	24.8%
Marlboro	45.3%
Lee	42.6%
Dillon	26.9%
Darlington	9.9%
Chesterfield	40.3%

Total Covid Deaths

Chesterfield County: 108
Darlington County: 180
Dillon County: 85
Lee County: 64
Marlboro County: 59
CSC Service Area: 496

Percent of Covid-19 Cases Resulting in Death

Region	Percent
United States	1.8%
South Carolina	1.6%
CSC Service Area	2.1%
Marlboro	1.7%
Lee	3.3%
Dillon	1.9%
Darlington	2.1%
Chesterfield	2.2%

Rate of Covid-19 Deaths Per Day by Month

Chesterfield • Darlington • Dillon • Lee • Marlboro • CSC Service Area

Rankings/ Risk Factors

Harvard Global Health Institute Risk Levels

County	Risk Level	SC Rank*	US Rank**
Dillon County	Yellow	10	734
Lee County	Yellow	11	740
Darlington County	Yellow	30	1797
Marlboro County	Yellow	32	1845
Chesterfield County	Yellow	39	2069
* out of 46 counties ** out of 3142 counties or equivalents			

Covid Act Now Risk Levels

County	Risk Level
Chesterfield County	Medium Risk
Darlington County	Medium Risk
Dillon County	Medium Risk
Lee County	Medium Risk
Marlboro County	Medium Risk

CDC County Alert Zones

County	Transmission Level
Chesterfield County	Moderate
Darlington County	Moderate
Dillon County	Low
Lee County	Moderate
Marlboro County	Moderate

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

Pandemic Vulnerability Index*

County	Rank*
Marlboro County	131
Dillon County	194
Chesterfield County	250
Lee County	292
Darlington County	414
* out of 3142 counties or equivalents	

Vaccine Recipient Rate SC Rank

County	Rank*
Darlington County	15
Dillon County	40
Lee County	42
Chesterfield County	44
Marlboro County	45
* out of 46 counties (age 12 & older)	

Cumulative Rate State Rank

County	Rank*
Dillon County	2
Marlboro County	15
Lee County	19
Darlington County	25
Chesterfield County	44
* out of 46 counties	

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

CDC Information:

SOUTH CAROLINA

STATE SYNOPSIS

	LAST WEEK	CHANGE FROM PREVIOUS WEEK
RATE OF NEW COVID-19 CASES PER 100,000	20	-8%
NUCLEIC ACID AMPLIFICATION TEST (NAAT) POSITIVITY RATE	1.8%	-0.3%
NEW CONFIRMED COVID-19 HOSPITAL ADMISSIONS / 100 BEDS	1	-15%
RATE OF NEW COVID-19 DEATHS PER 100,000	0.1	-64%
COMMUNITY TRANSMISSION LEVEL	MODERATE TRANSMISSION	
PEOPLE RECEIVED AT LEAST 1 DOSE	2,251,321 people	43.7% of total pop.
PEOPLE 18+ RECEIVED AT LEAST 1 DOSE	2,175,395 people	53.9% of 18+ pop.
PEOPLE FULLY VACCINATED	1,937,375 people	37.6% of total pop.
PEOPLE 18+ FULLY VACCINATED	1,886,237 people	46.7% of 18+ pop.

To more accurately describe the laboratory data that are being collected and presented for COVID-19, CDC is moving away from using the term reverse transcriptase polymerase chain reaction (RT-PCR), and instead moving to the more inclusive term Nucleic Acid Amplification Test (NAAT), which includes RT-PCR and other methods. These additional tests were always included in testing data. Since the beginning of the COVID-19 pandemic, both the number and types of NAATs authorized for emergency use by the FDA for the detection of SARS CoV-2 has increased. We are adjusting all products to this new term. More info here: https://www.cdc.gov/coronavirus/2019-ncov/lab/naats.html.

COVID-19

COVID-19

SOUTH CAROLINA
STATE PROFILE REPORT | 06.25.2021

	STATE	STATE, % CHANGE FROM PREVIOUS WEEK	FEMA/HHS REGION	UNITED STATES
NEW COVID-19 CASES (RATE PER 100,000)	1,028 (20)	-8%	20,020 (30)	80,588 (24)
NUCLEIC ACID AMPLIFICATION TEST (NAAT) POSITIVITY RATE	1.8%	-0.3%*	3.1%	1.8%
TOTAL NAAT VOLUME (TESTS PER 100,000)	46,077** (895**)	-11%**	638,454** (954**)	4,418,280** (1,331**)
NEW COVID-19 DEATHS (RATE PER 100,000)	5 (0.1)	-64%	493 (0.7)	2,062 (0.6)
SNFs WITH ≥1 NEW RESIDENT COVID-19 CASE	3%†	+1%*	1%	1%
SNFs WITH ≥1 NEW STAFF COVID-19 CASE	3%†	+1%*	3%	2%
SNFs WITH ≥1 NEW RESIDENT COVID-19 DEATH	0%†	-1%*	0%	0%
CONFIRMED AND SUSPECTED NEW COVID-19 HOSPITAL ADMISSIONS (RATE PER 100 BEDS)	237 (3)	-11% (-11%)	7,565 (5)	39,887 (6)
CONFIRMED NEW COVID-19 HOSPITAL ADMISSIONS (RATE PER 100 BEDS)	88 (1)	-15% (-15%)	3,930 (3)	12,824 (2)
NUMBER OF HOSPITALS WITH SUPPLY SHORTAGES (PERCENT)	13 (19%)	+0%	49 (5%)	328 (6%)
NUMBER OF HOSPITALS WITH STAFF SHORTAGES (PERCENT)	17 (25%)	-6%	97 (10%)	606 (11%)

COVID-19

SOUTH CAROLINA

STATE PROFILE REPORT | 06.25.2021

NEW CASES ▶

COVID-19 CASES

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

TESTING ▶

TOTAL TESTS　　　　POSITIVITY RATE

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

— Daily COVID-19 Deaths (7-day average)　　■ Daily COVID-19 Deaths
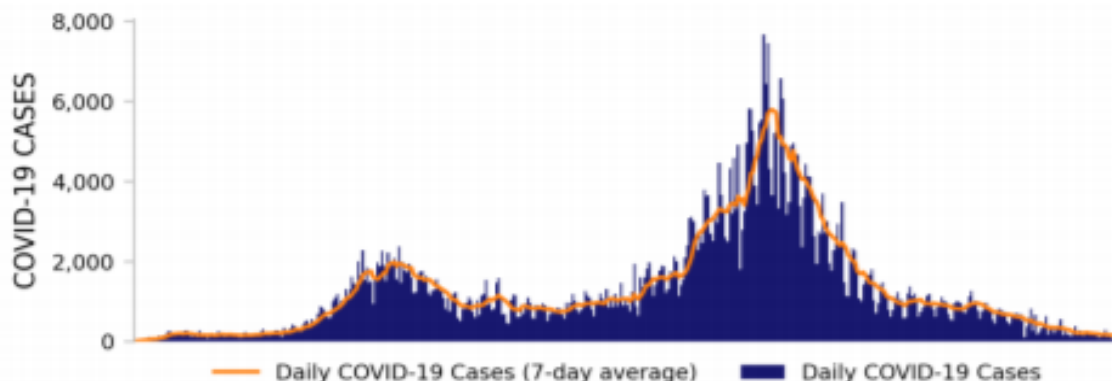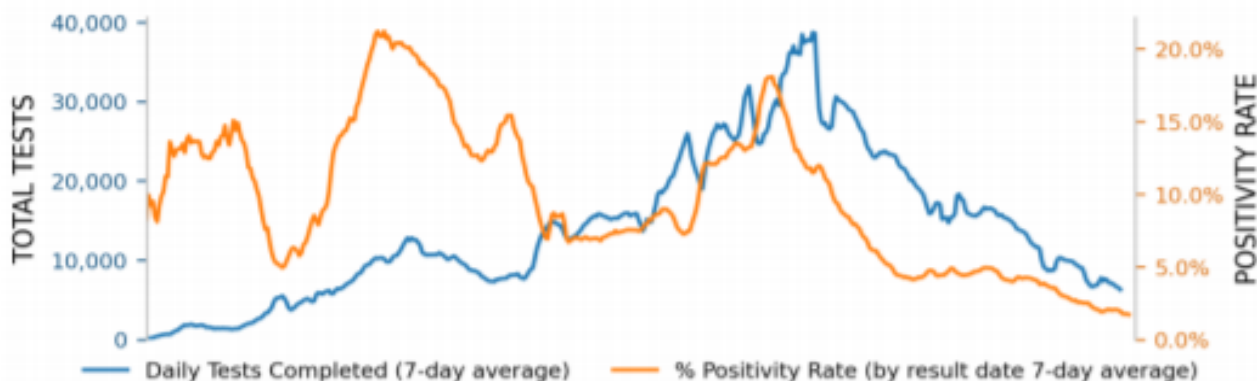
NEW DEATHS ▶

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 is through 6/24/2021.
Testing: CELR (COVID-19 Electronic Lab Reporting) state health department-reported data. Test positivity through 6/22/2021. Test volume through 6/18/2021.
METHODS: Details available on last two pages of report.

COVID-19

SOUTH CAROLINA

STATE PROFILE REPORT | 06.25.2021

STATE VACCINATION SUMMARY

DOSES DELIVERED
5,268,955
102,335 per 100k

DOSES ADMINISTERED
4,113,435
79,892 per 100k

PERCENT OF POPULATION FULLY VACCINATED

Percent of Population Fully Vaccinated through 06/25/2021
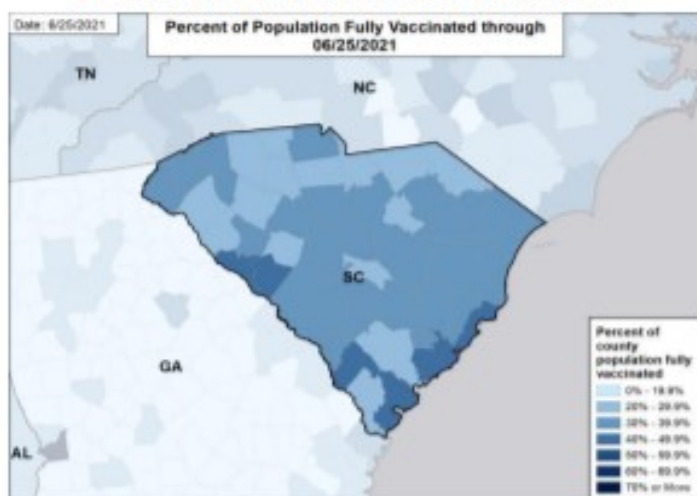
	RECEIVED AT LEAST ONE DOSE	FULLY VACCINATED
ALL PEOPLE	2,251,321 43.7% of total pop.	1,937,375 37.6% of total pop.
PEOPLE 12-17	71,479 18.7% of 12-17 pop.	48,834 12.8% of 12-17 pop.
PEOPLE 18+	2,175,395 53.9% of 18+ pop.	1,886,237 46.7% of 18+ pop.
PEOPLE 65+	790,650 84.4% of 65+ pop.	705,946 75.3% of 65+ pop.

PERCENT OF 18+ POPULATION FULLY VACCINATED

Percent of 18+ Population Fully Vaccinated through 06/25/2021

PERCENT OF 65+ POPULATION FULLY VACCINATED

Percent of 65+ Population Fully Vaccinated through 06/25/2021

🇺🇸 **COVID-19**

SOUTH CAROLINA

STATE PROFILE REPORT | 06.25.2021
COMMUNITY TRANSMISSION BY COUNTY AND METRO AREA

Date: 6/25/2021 — Community Transmission Level by County 06/18/2021-06/24/2021

Community Transmission Level: High / Substantial / Moderate / Low

Combined Transmission Levels Over Time - SC (% of counties)
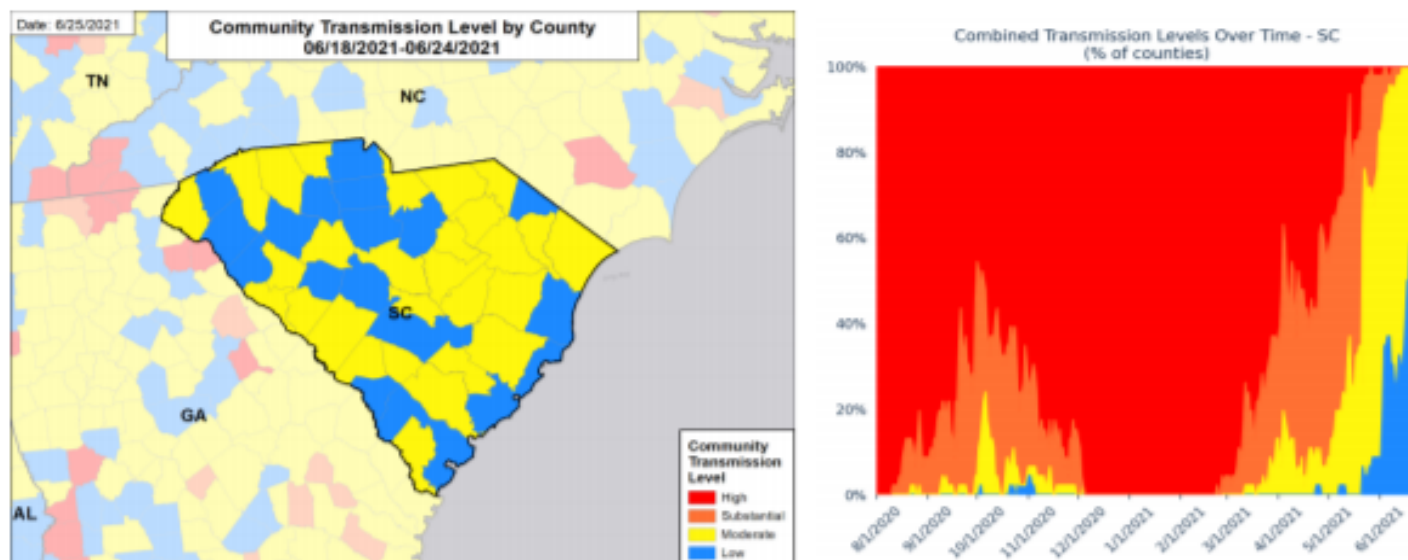
	COUNTIES AND METRO AREAS BY COMBINED TRANSMISSION LEVEL			
CATEGORY	**LOW TRANSMISSION BLUE**	**MODERATE TRANSMISSION YELLOW**	**SUBSTANTIAL TRANSMISSION ORANGE**	**HIGH TRANSMISSION RED**
# OF COUNTIES (CHANGE)	18 (↓1)	28 (↑1)	0 (0)	0 (0)
# OF METRO AREAS (CHANGE)	5 (↑1)	13 (↓1)	0 (0)	0 (0)

All Blue Counties: Anderson, Charleston, York, Beaufort, Pickens, Laurens, Lexington, Union, Dillon, Kershaw, Hampton, Georgetown, Abbeville, Orangeburg, Chester, Saluda, Allendale, Fairfield

All Blue CBSAs: Charleston-North Charleston, Hilton Head Island-Bluffton, Union, Georgetown, Orangeburg

All Yellow Counties: Richland, Greenville, Horry, Spartanburg, Florence, Dorchester, Sumter, Aiken, Berkeley, Cherokee, Oconee, Greenwood, Colleton, Chesterfield, Lancaster, Newberry, Darlington, Marlboro, Clarendon, Edgefield, Marion, Williamsburg, Jasper, Lee, McCormick, Calhoun, Barnwell, Bamberg

All Yellow CBSAs: Columbia, Greenville-Anderson, Myrtle Beach-Conway-North Myrtle Beach, Florence, Spartanburg, Sumter, Augusta-Richmond County, Charlotte-Concord-Gastonia, Gaffney, Seneca, Greenwood, Newberry, Bennettsville

COVID-19

SOUTH CAROLINA

STATE PROFILE REPORT | 06.25.2021

CASE RATES AND NAAT POSITIVITY

NEW CASES PER 100,000

NUCLEIC ACID AMPLIFICATION TEST (NAAT) POSITIVITY

NEW CASES PER 100,000 ONE MONTH BEFORE

### NUCLEIC ACID AMPLIFICATION TEST (NAAT) POSITIVITY ONE MONTH 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. Data is through 6/24/2021. The week one month before is from 5/21 to 5/27.
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 6/22/2021; week one month before is from 5/19 to 5/25.
METHODS: Details available on last two pages of report.

COVID-19

SOUTH CAROLINA

STATE PROFILE REPORT | 06.25.2021

HOSPITAL ADMISSIONS AND DEATH RATES

CONFIRMED NEW COVID-19 ADMISSIONS PER 100 INPATIENT BEDS

NEW DEATHS PER 100,000
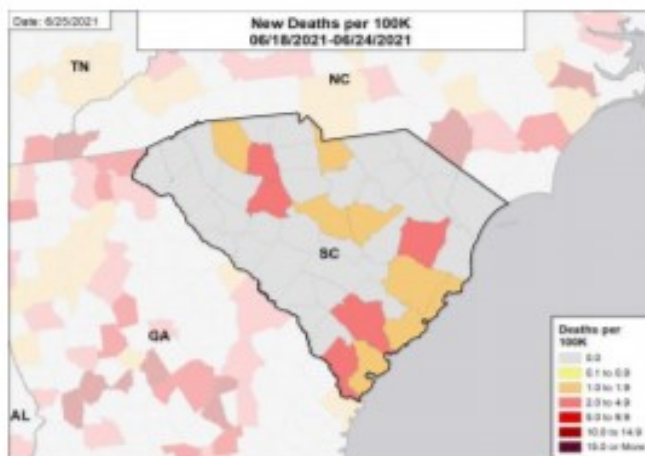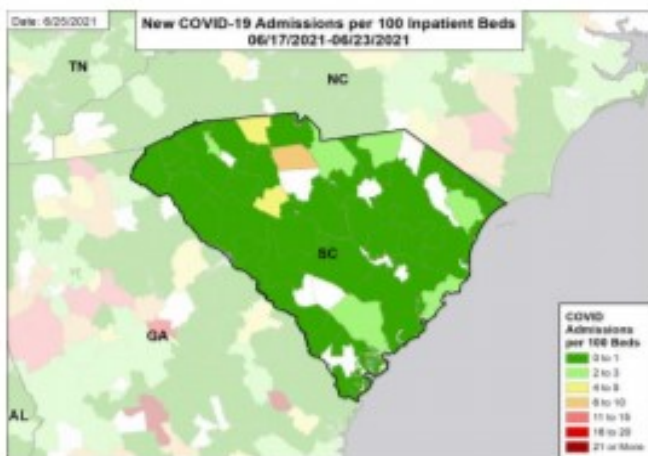
CONFIRMED NEW COVID-19 ADMISSIONS PER 100 INPATIENT BEDS ONE MONTH BEFORE

NEW DEATHS PER 100,000 ONE MONTH BEFORE
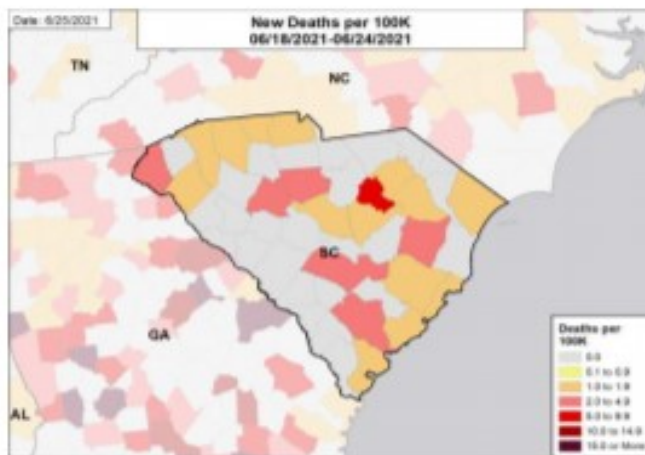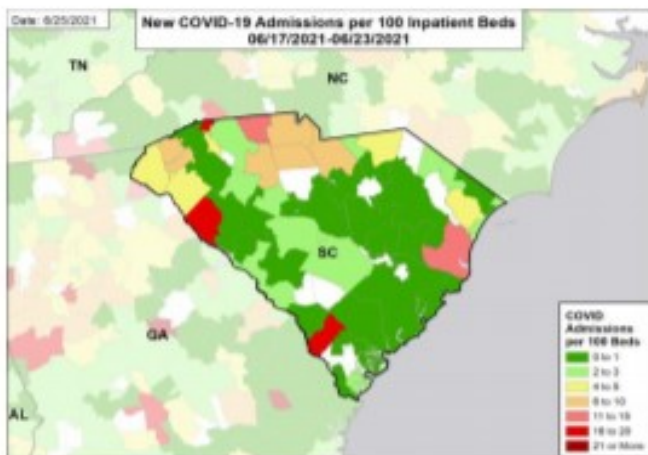
DATA SOURCES
Note: Some dates may have incomplete data due to delays in reporting. Data may be backfilled over time, resulting in week-to-week changes.
Deaths: County-level data is from a CDC managed aggregate county dataset compiled from state and local health departments; therefore, the values may not match those reported directly by the state. Data is through 6/24/2021. The week one month before is from 5/21 to 5/27.
Hospitalizations: Unified Hospitals Dataset in HHS Protect. Totals include only confirmed COVID-19 admissions. Data is through 6/23/2021. The week one month before is from 5/20 to 5/26.
METHODS: Details available on last two pages of report.

COVID-19

National Picture: Vaccinations
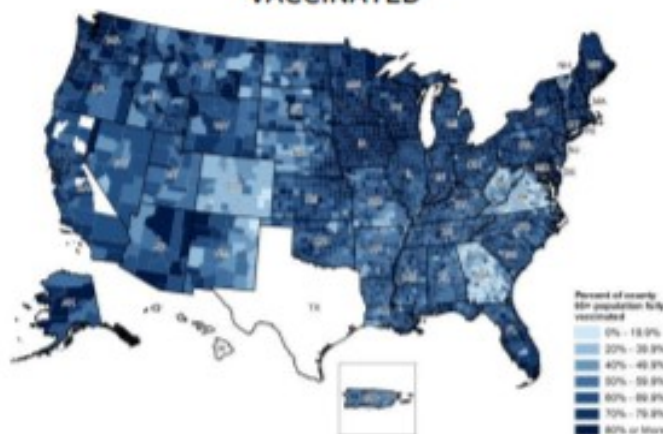
PERCENT OF POPULATION FULLY VACCINATED

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
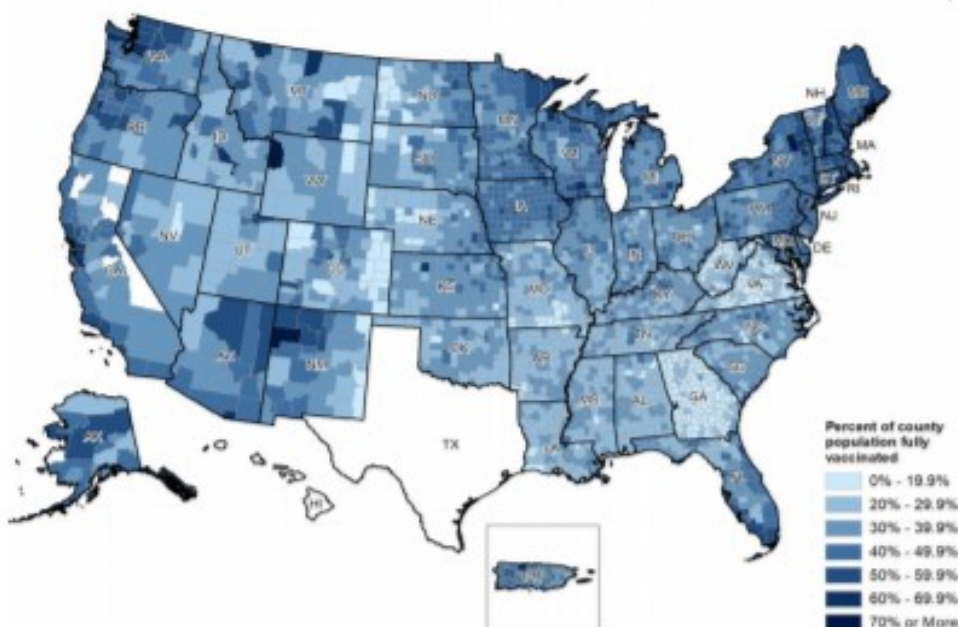
NATIONAL RANKING OF POPULATION FULLY VACCINATED

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

PERCENT OF 18+ POPULATION FULLY VACCINATED

Percent of county 18+ population fully vaccinated

- 0% – 19.9%
- 20% – 29.9%
- 30% – 39.9%
- 40% – 49.9%
- 50% – 59.9%
- 60% – 69.9%
- 70% or More

PERCENT OF 65+ POPULATION FULLY VACCINATED

Percent of county 65+ population fully vaccinated

- 0% – 19.9%
- 20% – 39.9%
- 40% – 49.9%
- 50% – 59.9%
- 60% – 69.9%
- 70% – 79.9%
- 80% or More

COVID-19

National Picture: Cases

NEW CASES PER 100,000

Date: 6/25/2021

New Cases per 100K
06/18/2021-06/24/2021

Cases per 100K
- ≤ 20 Cases in Last 14 Days
- 0 to 4
- 5 to 9
- 10 to 49
- 50 to 99
- 100 to 199
- 200 to 499
- 500 to 749
- 750 or More

NATIONAL RANKING OF NEW CASES PER 100,000
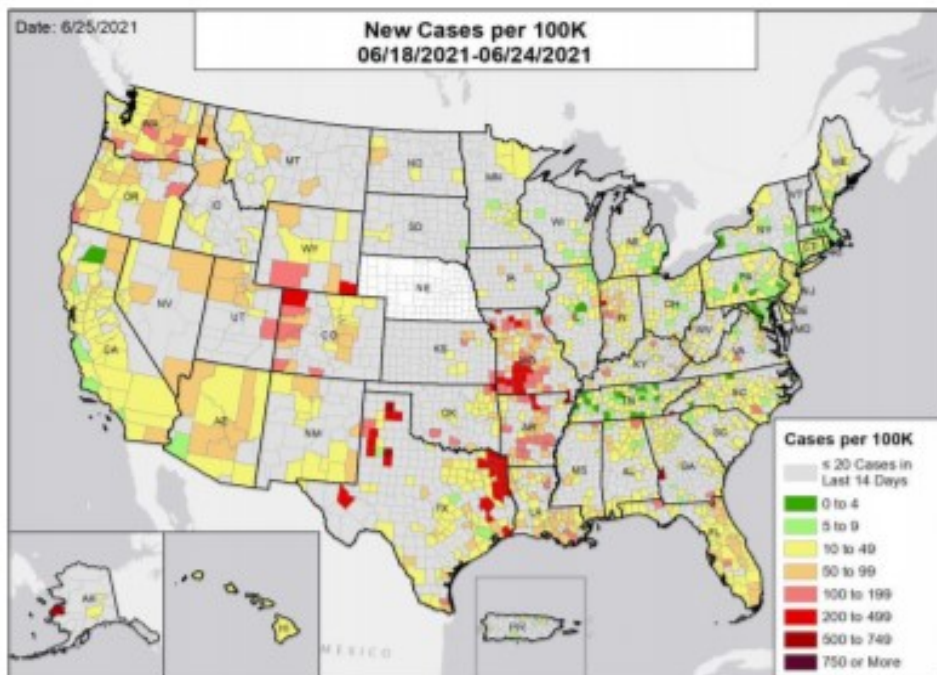
National Rank	State	National Rank	State
1	VT	27	KS
2	MA	28	SC
3	MD	29	WV
4	PR	30	KY
5	DC	31	HI
6	SD	32	GA
7	PA	33	AL
8	MI	34	TX
9	TN	35	IN
10	ND	36	MS
11	WI	37	AK
12	CT	38	NM
13	VA	39	ID
14	NY	40	OK
15	IL	41	MT
16	NH	42	OR
17	MN	43	WA
18	ME	44	AZ
19	NE	45	LA
20	RI	46	CO
21	DE	47	FL
22	OH	48	AR
23	IA	49	UT
24	NJ	50	WY
25	CA	51	NV
26	NC	52	MO

NEW CASES PER 100,000 IN THE WEEK:
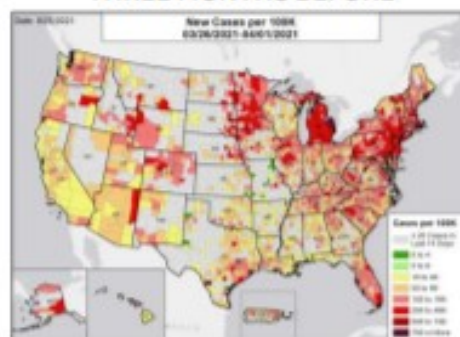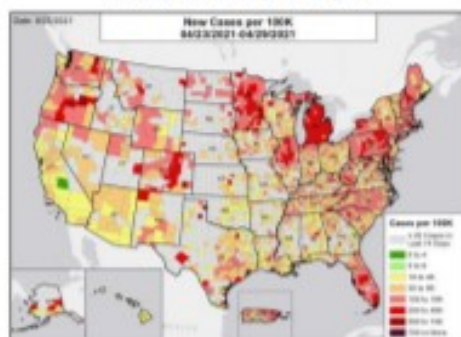
ONE MONTH BEFORE

New Cases per 100K
05/21/2021-05/27/2021

TWO MONTHS BEFORE

New Cases per 100K
04/23/2021-04/29/2021

THREE MONTHS BEFORE

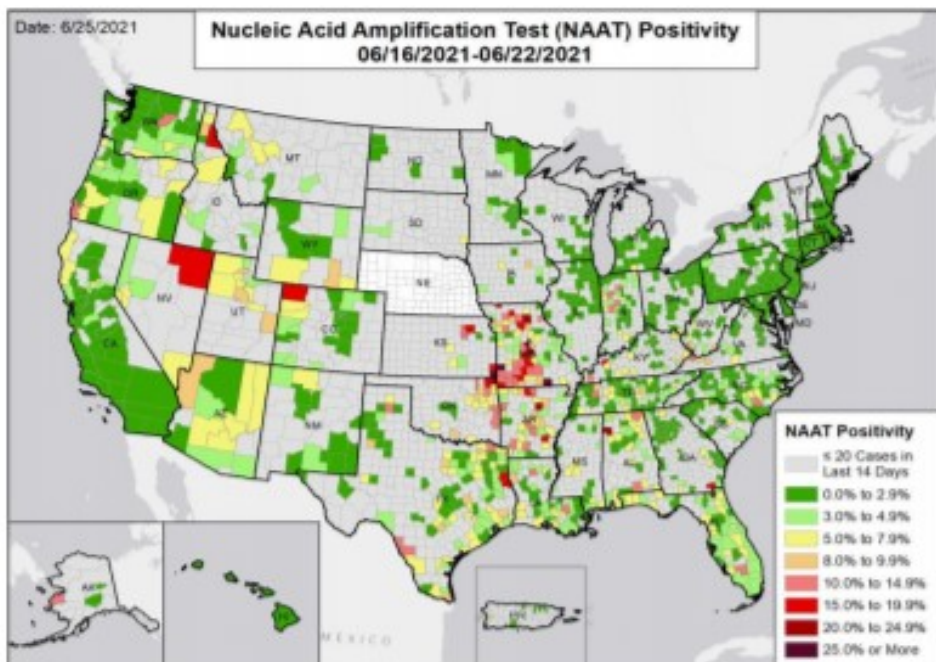New Cases per 100K
03/26/2021-04/01/2021

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 5/26, Nebraska is 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 5/21 to 5/27; the week two months before is from 4/23 to 4/29; the week three months before is from 3/26 to 4/1.
METHODS: Details available on last two pages of report.

COVID-19

National Picture: NAAT Positivity

NUCLEIC ACID AMPLIFICATION TEST (NAAT) POSITIVITY

Date: 6/25/2021

Nucleic Acid Amplification Test (NAAT) Positivity
06/16/2021-06/22/2021

NAAT Positivity
- ≤ 20 Cases in Last 14 Days
- 0.0% to 2.9%
- 3.0% to 4.9%
- 5.0% 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

NATIONAL RANKING OF NAAT POSITIVITY

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

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 6/22/2021. The week one month before is from 5/19 to 5/25; the week two months before is from 4/21 to 4/27; the week three months before is from 3/24 to 3/30. 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.
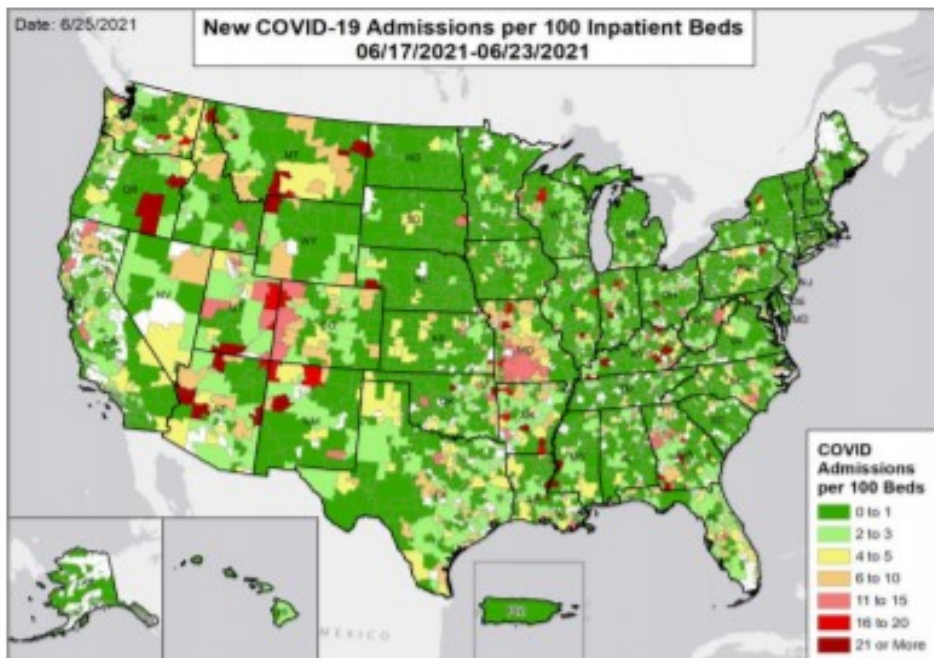**METHODS:** Details available on last two pages of report.

COVID-19

National Picture: Hospital Admissions

CONFIRMED NEW COVID-19 ADMISSIONS PER 100 INPATIENT BEDS

Date: 6/25/2021
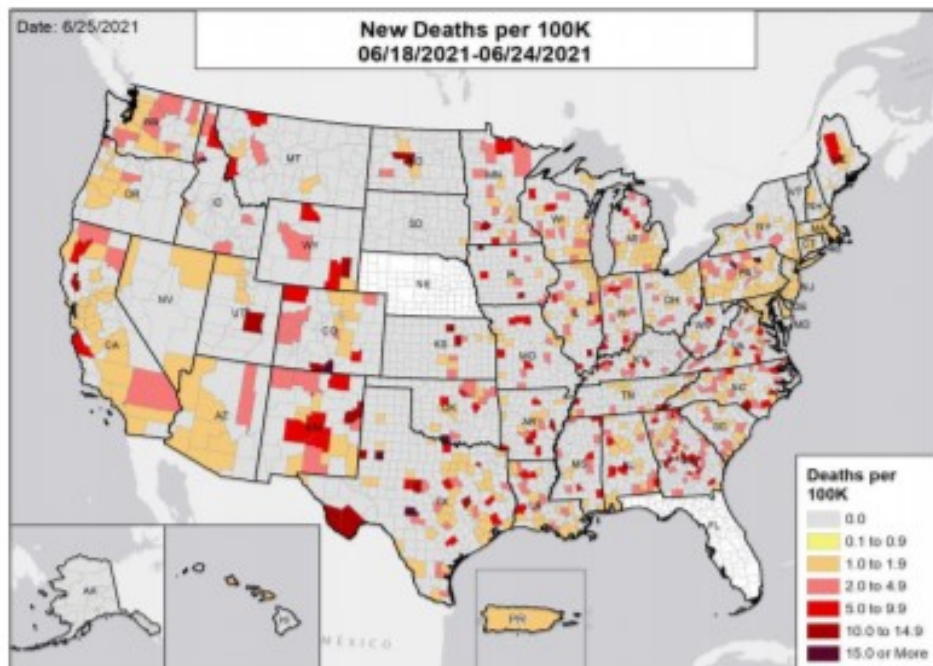New COVID-19 Admissions per 100 Inpatient Beds
06/17/2021-06/23/2021

COVID Admissions per 100 Beds

- 0 to 1
- 2 to 3
- 4 to 5
- 6 to 10
- 11 to 15
- 16 to 20
- 21 or More

NATIONAL RANKING OF CONFIRMED ADMISSIONS PER 100 BEDS

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

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

ONE MONTH BEFORE
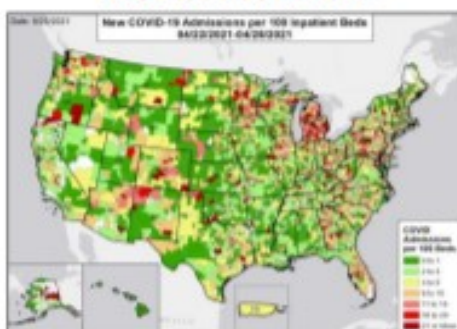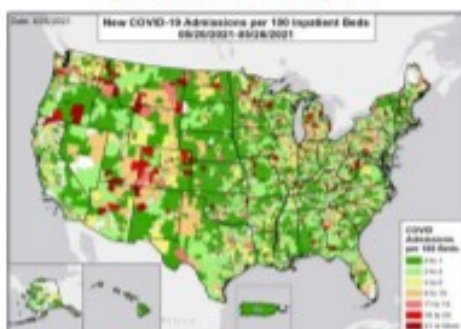
TWO MONTHS BEFORE

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 6/23/2021. 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 5/20 to 5/26; the week two months before is from 4/22 to 4/28; the week three months before is from 3/25 to 3/31.
METHODS: Details available on last two pages of report.

COVID-19

National Picture: Deaths

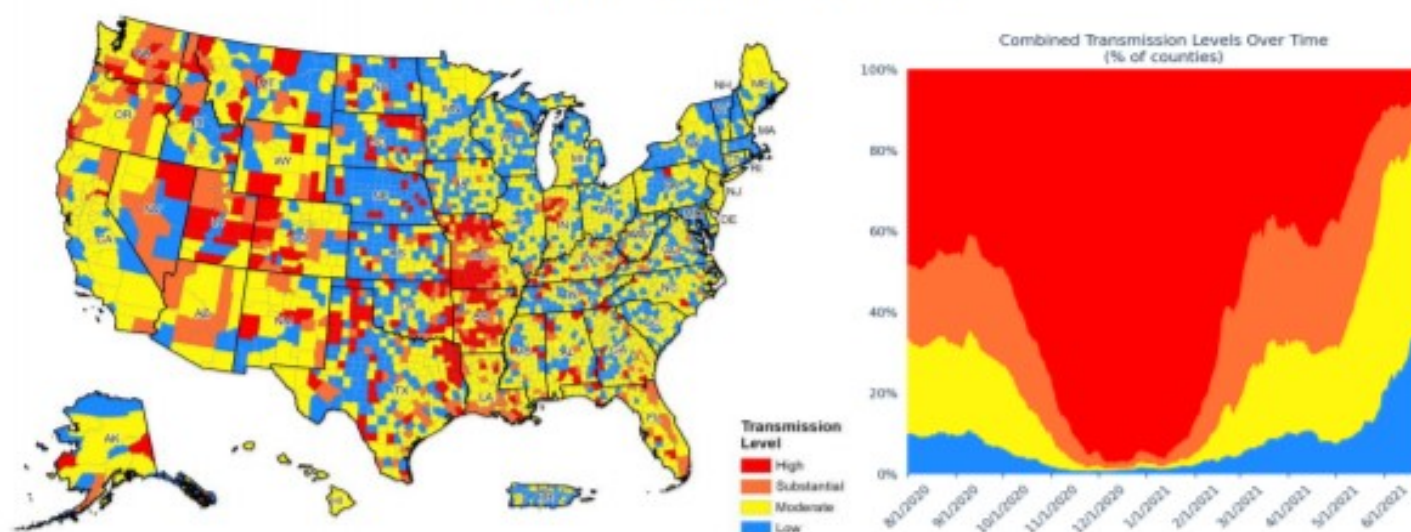### NEW DEATHS PER 100,000

Date: 6/25/2021

New Deaths per 100K
06/18/2021-06/24/2021

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

NATIONAL RANKING OF NEW DEATHS PER 100,000

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

NEW DEATHS PER 100,000 IN THE WEEK:
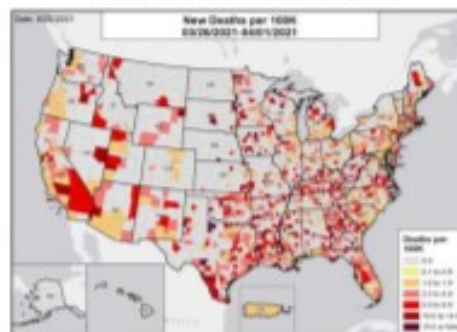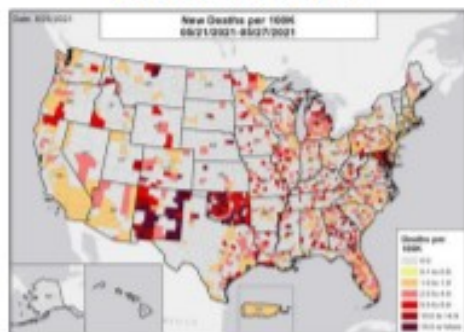
ONE MONTH BEFORE

New Deaths per 100K
05/21/2021-05/27/2021

TWO MONTHS BEFORE

New Deaths per 100K
04/23/2021-04/29/2021

THREE MONTHS BEFORE

New Deaths per 100K
03/26/2021-04/01/2021

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 5/26, Nebraska is 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 5/21 to 5/27; the week two months before is from 4/23 to 4/29; the week three months before is from 3/26 to 4/1. Nebraska corrected previously reported deaths on 6/21, resulting in a decrease in the total deaths over the pandemic. As such, weekly counts are not reflective of true values.
METHODS: Details available on last two pages of report.

COVID-19

National Picture: Community Transmission

COMMUNITY TRANSMISSION BY COUNTY

Combined Transmission Levels Over Time
(% of counties)

Transmission Level
- High
- Substantial
- Moderate
- Low

COUNTIES BY COMMUNITY TRANSMISSION INDICATOR

CASES PER 100K	0 TO 9	10 TO 49	50 TO 99	100 +
# OF COUNTIES (CHANGE)	1165 (↑143)	1600 (↓54)	295 (↓76)	160 (↓13)
% OF COUNTIES (CHANGE)	36.2% (↑4.4%)	49.7% (↓1.7%)	9.2% (↓2.4%)	5.0% (↓0.4%)
TEST POSITIVITY	0.0% TO 4.9%	5.0% TO 7.9%	8.0% TO 9.9%	10.0% +
# OF COUNTIES (CHANGE)	2584 (↓84)	343 (↑63)	87 (↑3)	206 (↑18)
% OF COUNTIES (CHANGE)	80.2% (↓2.6%)	10.7% (↑2.0%)	2.7% (↑0.1%)	6.4% (↑0.6%)

COUNTIES BY COMBINED TRANSMISSION LEVEL

CATEGORY	LOW TRANSMISSION BLUE	MODERATE TRANSMISSION YELLOW	SUBSTANTIAL TRANSMISSION ORANGE	HIGH TRANSMISSION RED
# OF COUNTIES (CHANGE)	1079 (↑134)	1540 (↓62)	291 (↓75)	310 (↑3)
% OF COUNTIES (CHANGE)	33.5% (↑4.2%)	47.8% (↓1.9%)	9.0% (↓2.3%)	9.6% (↑0.1%)

DATA SOURCES
Maps and figures reflect 7-day average of data from 6/18-6/24 (cases), 6/16-6/22 (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 6/24/2021. 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 5/26, Nebraska is 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 6/22/2021.
County Percentages: Based on a denominator of 3,220 county/county-equivalents, including states, the District of Columbia, and Puerto Rico municipios.
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.
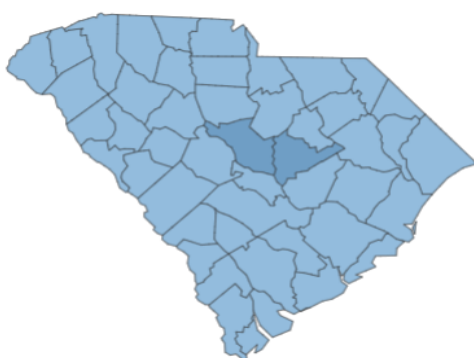
DHEC Information:

COVID-19 in South Carolina
As of 11:59 PM on 7/4/2021

Tests	Cases	Hospitalizations	Deaths
8,224,589	598,093	23,571	9,841

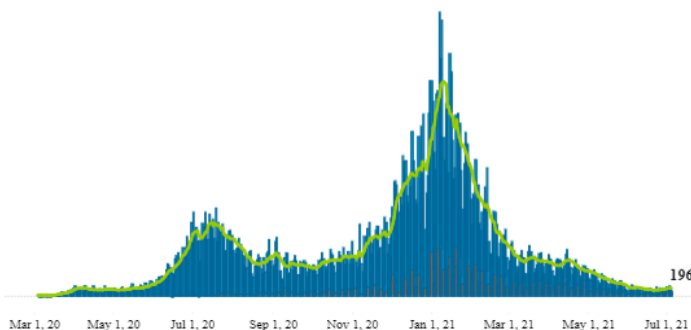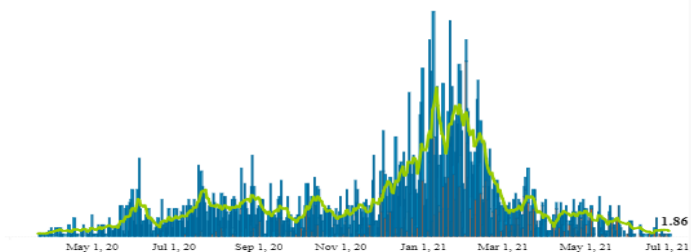### Two Week Cumulative Incidence Rate

The Two-Week Cumulative Incidence Rate includes new (confirmed) cases reported in the past two weeks (6/21/2021 - 7/4/2021) 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

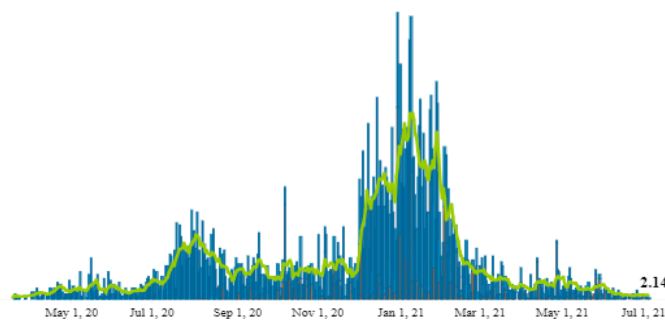| Low; 0-50	Moderate; 51-200	High; >200

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

196

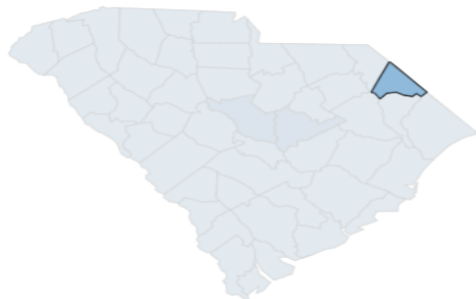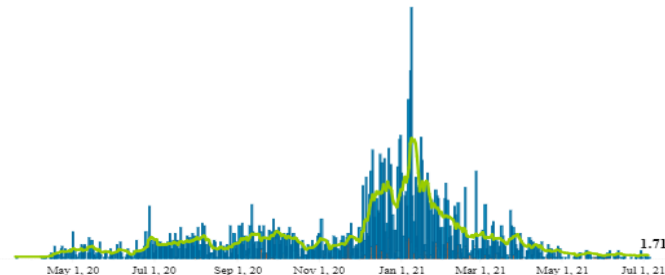### 7-Day Moving Average of reported COVID-19 Cases, by Public Health Region

- Lowcountry
- Midlands
- Pee Dee
- Upstate
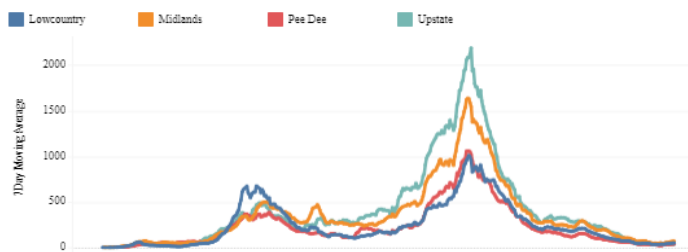
COVID-19 in South Carolina
As of 11:59 PM on 7/4/2021

Tests	Cases	Hospitalizations	Deaths
60,282	4,930	295	108

Two Week Cumulative Incidence Rate

The Two-Week Cumulative Incidence Rate includes new (confirmed) cases reported in the past two weeks (6/21/2021 - 7/4/2021) 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; >200

Recovery Estimate South Carolina

94.8%
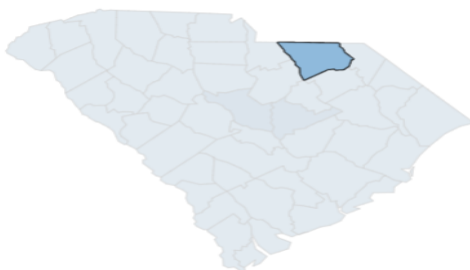
COVID-19 Cases per Day
County Displayed:Chesterfield

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

11.86

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

- Pee Dee

COVID-19 in South Carolina
As of 11:59 PM on 7/4/2021

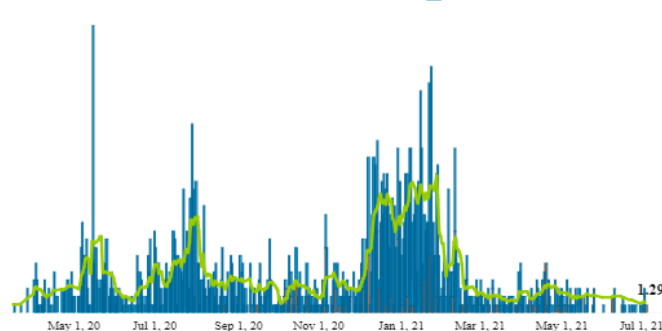| Tests	Cases	Hospitalizations	Deaths
103,114	8,628	486	180

Two Week Cumulative Incidence Rate

The Two-Week Cumulative Incidence Rate includes new (confirmed) cases reported in the past two weeks (6/21/2021 - 7/4/2021) 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; >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

2.14

May 1, 20   Jul 1, 20   Sep 1, 20   Nov 1, 20   Jan 1, 21   Mar 1, 21   May 1, 21   Jul 1, 21

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

- Pee Dee

COVID-19 in South Carolina
As of 11:59 PM on 7/4/2021

Tests	Cases	Hospitalizations	Deaths
51,041	4,437	262	85

### Two Week Cumulative Incidence Rate

The Two-Week Cumulative Incidence Rate includes new (confirmed) cases reported in the past two weeks (6/21/2021 - 7/4/2021) 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; >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

1.71

May 1, 20   Jul 1, 20   Sep 1, 20   Nov 1, 20   Jan 1, 21   Mar 1, 21   May 1, 21   Jul 1, 21

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

- Pee Dee

COVID-19 in South Carolina
As of 11:59 PM on 7/4/2021

Tests	Cases	Hospitalizations	Deaths
30,275	1,945	142	64

Two Week Cumulative Incidence Rate

The Two-Week Cumulative Incidence Rate includes new (confirmed) cases reported in the past two weeks (6/21/2021 - 7/4/2021) 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; >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

- Pee Dee

COVID-19 in South Carolina
As of 11:59 PM on 7/4/2021

Tests	Cases	Hospitalizations	Deaths
42,282	3,511	230	59

Two Week Cumulative Incidence Rate

The Two-Week Cumulative Incidence Rate includes new (confirmed) cases reported in the past two weeks (6/21/2021 - 7/4/2021) 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; >200

Recovery Estimate South Carolina

94.8%
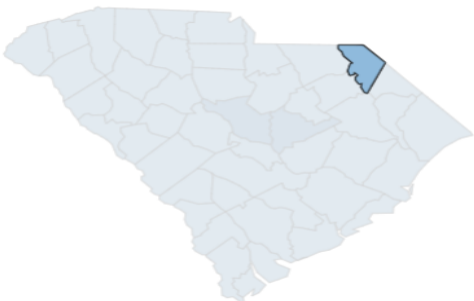
COVID-19 Cases per Day
County Displayed:Marlboro

- Count of Confirmed Cases
- Count of Probable Cases
- Moving Average 7 day
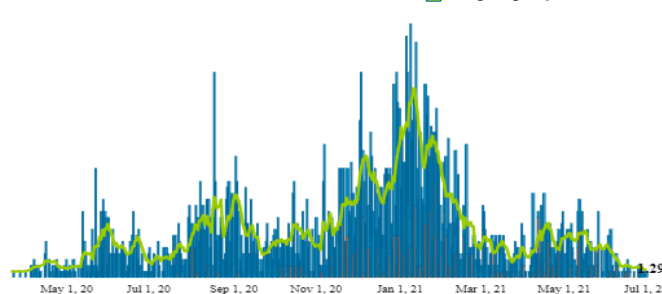
7-Day Moving Average of reported COVID-19 Cases, by Public Health Region

- Pee Dee

US Interventions Model (from Covid Act Now)

CNMI

Low risk ▬▬▬ Severe risk
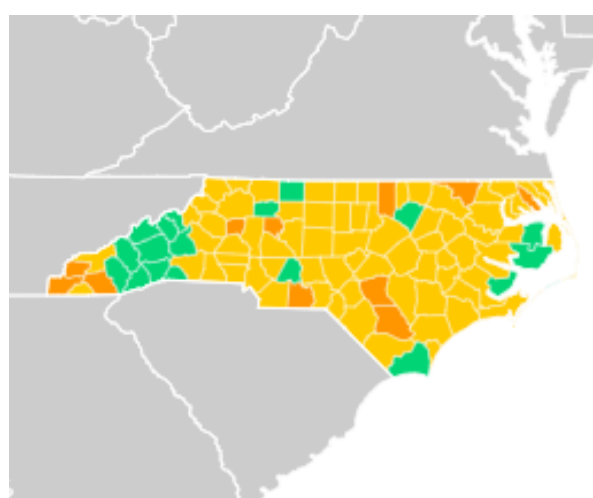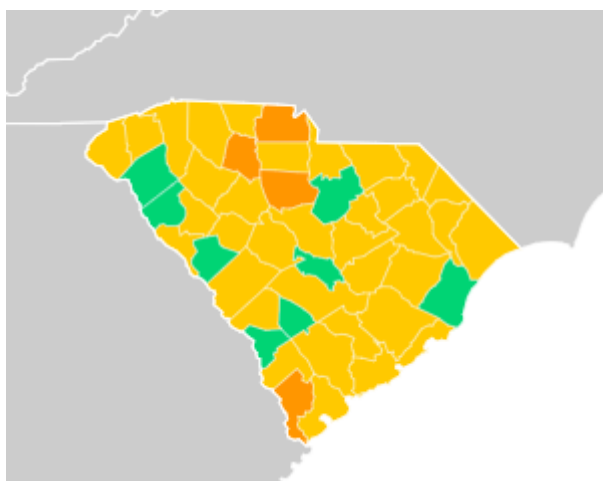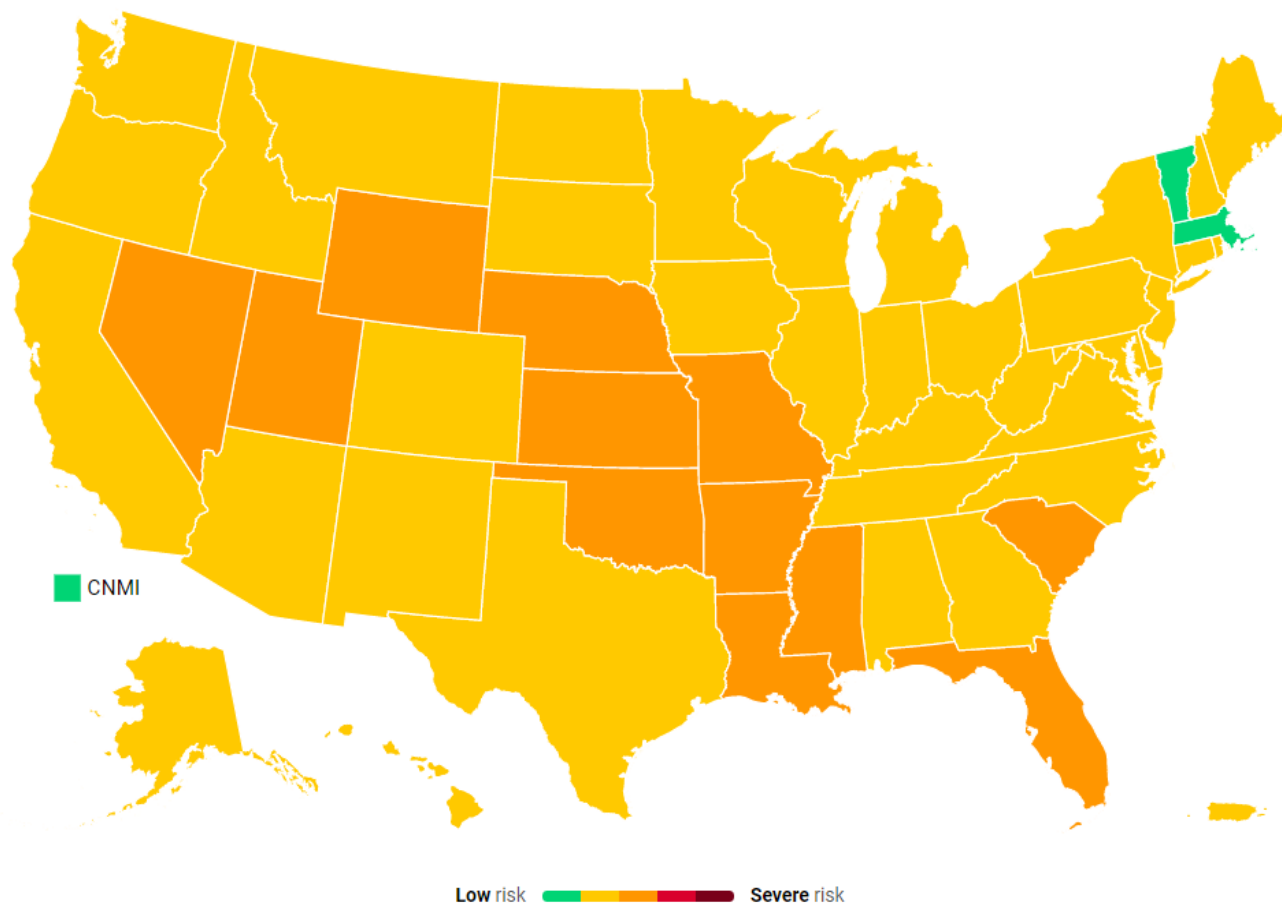
For more detailed information on a particular state or county, visit www.covidactnow.org.

South Carolina
Updated on July 5

RISK LEVEL ⓘ
● **HIGH**
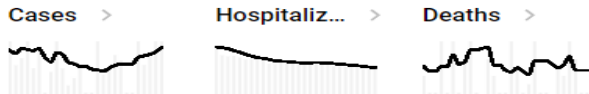
VACCINATION PROGRESS
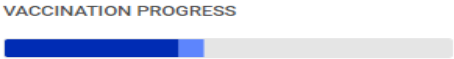
Daily new cases >	Infection rate >	Positive test rate >	% Vaccinated >
● **3.1** PER 100K	● **1.15**	● **2.4%**	**44.6%** 1+ DOSE

PAST 30 DAYS

Cases > Hospitaliz... > Deaths >

Get the latest news and alerts about this location.

Email address   **Get alerts**

Chesterfield County, SC
Updated on July 5

Share   Find a vaccine

RISK LEVEL ⓘ
● **MEDIUM**

VACCINATION PROGRESS

Daily new cases >	Infection rate >	Positive test rate >	% Vaccinated >
● **1.6** PER 100K	● **0.93**	● **0.5%**	**29.2%** 1+ DOSE

PAST 30 DAYS

Cases > Hospitaliz... > Deaths >
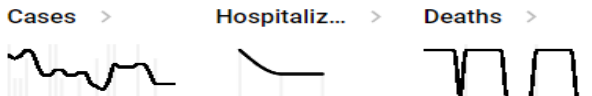
Get the latest news and alerts about this location.

Email address   **Get alerts**

Darlington County, SC
Updated on July 5

Share   Find a vaccine

RISK LEVEL ⓘ
● **MEDIUM**

VACCINATION PROGRESS

Daily new cases >	Infection rate >	Positive test rate >	% Vaccinated >
● **2.1** PER 100K	● **0.80**	● **2.1%**	**39.2%** 1+ DOSE

PAST 30 DAYS

Cases > Hospitaliz... > Deaths >
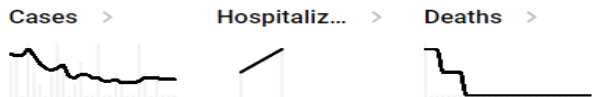
Get the latest news and alerts about this location.

Email address   **Get alerts**

Dillon County, SC
Updated on July 5

Share <

Find a vaccine ⧉

RISK LEVEL ⓘ
● **MEDIUM**

VACCINATION PROGRESS

Daily new cases >	Infection rate >	Positive test rate >	% Vaccinated >
● **3.7** PER 100K	● **1.00**	● **4.7%**	**33.8%** 1+ DOSE

PAST 30 DAYS

Cases >   Hospitaliz... >   Deaths >

Get the latest news and alerts about this location.

Email address   **Get alerts**

Lee County, SC
Updated on July 5

Share <

Find a vaccine ⧉

RISK LEVEL ⓘ
● **MEDIUM**

VACCINATION PROGRESS

Daily new cases >	Infection rate >	Positive test rate >	% Vaccinated >
● **2.5** PER 100K	● **1.03**	● **4.4%**	**32.4%** 1+ DOSE

PAST 30 DAYS

Cases >   Deaths >
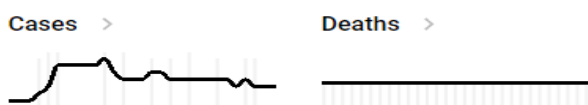
Get the latest news and alerts about this location.

Email address   **Get alerts**

Marlboro County, SC
Updated on July 5

Share <

Find a vaccine ⧉

RISK LEVEL ⓘ
● **MEDIUM**

VACCINATION PROGRESS

Daily new cases >	Infection rate >	Positive test rate >	% Vaccinated >
● **4.4** PER 100K	● **0.99**	● **1.8%**	**33.8%** 1+ DOSE

PAST 30 DAYS

Cases >   Deaths >
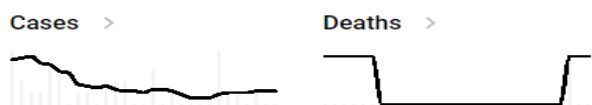
Get the latest news and alerts about this location.

Email address   **Get alerts**

IHME Model

South Carolina ∨

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

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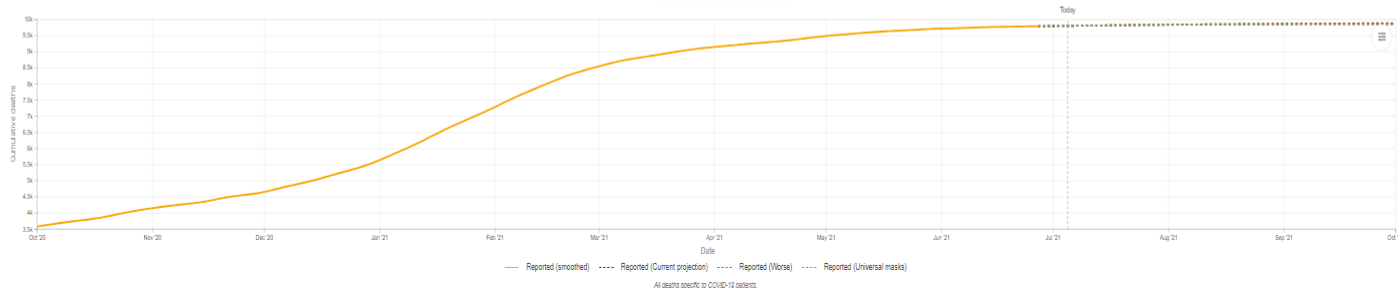
Reported deaths are the number of deaths officially reported as COVID-19.
Excess deaths are the number of deaths estimated as attributed to COVID-19, including unreported deaths.

Reported   Excess   Both

9,870 reported COVID-19 deaths
based on Current projection scenario by October 1, 2021
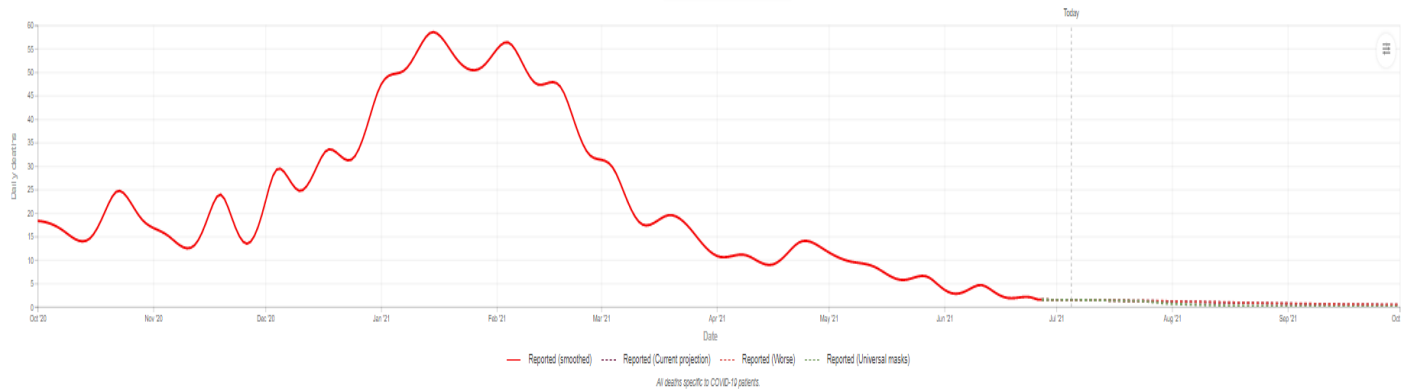
Scenario ⓘ Projection X Worse X Masks X ∨

— Reported (smoothed)   ---- Reported (Current projection)   ---- Reported (Worse)   ---- Reported (Universal masks)
All deaths specific to COVID-19 patients

Daily deaths

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 ∨

— Reported (smoothed)   ---- Reported (Current projection)   ---- Reported (Worse)   ---- Reported (Universal masks)
All deaths specific to COVID-19 patients

Hospital resource use

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

---- All beds needed   ---- ICU beds needed
All resources specific to COVID-19 patients
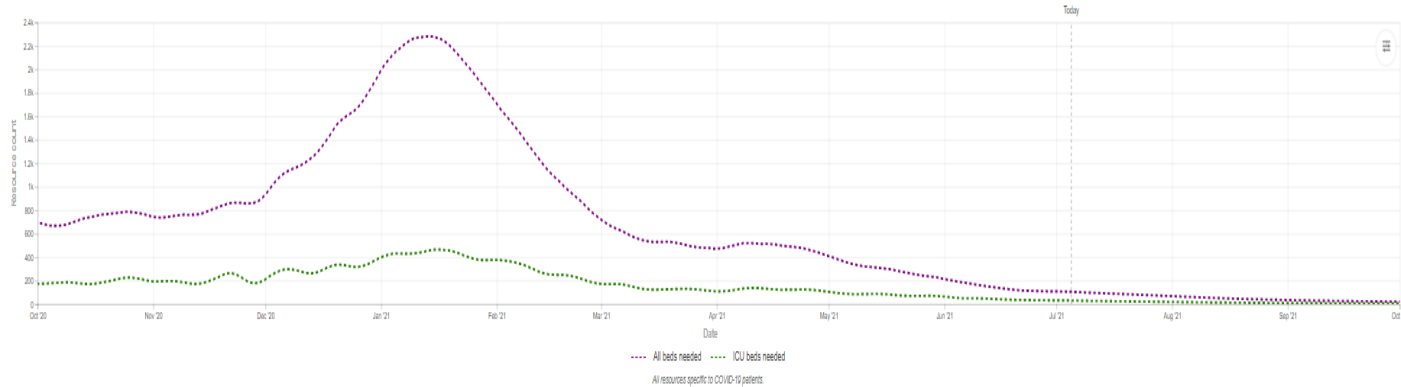
Daily infections and testing ⧉

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

Estimated infections | Confirmed infections | Tests
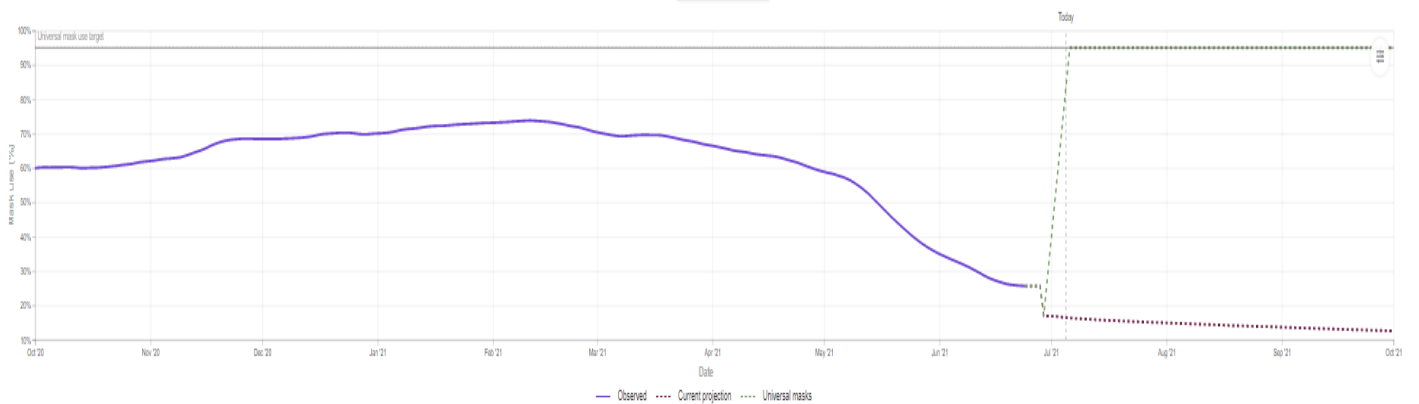
Scenario ⓘ | Projection ✕ | Worse ✕ | Masks ✕ | ∨

----- Current projection   ----- Worse   ----- Universal masks
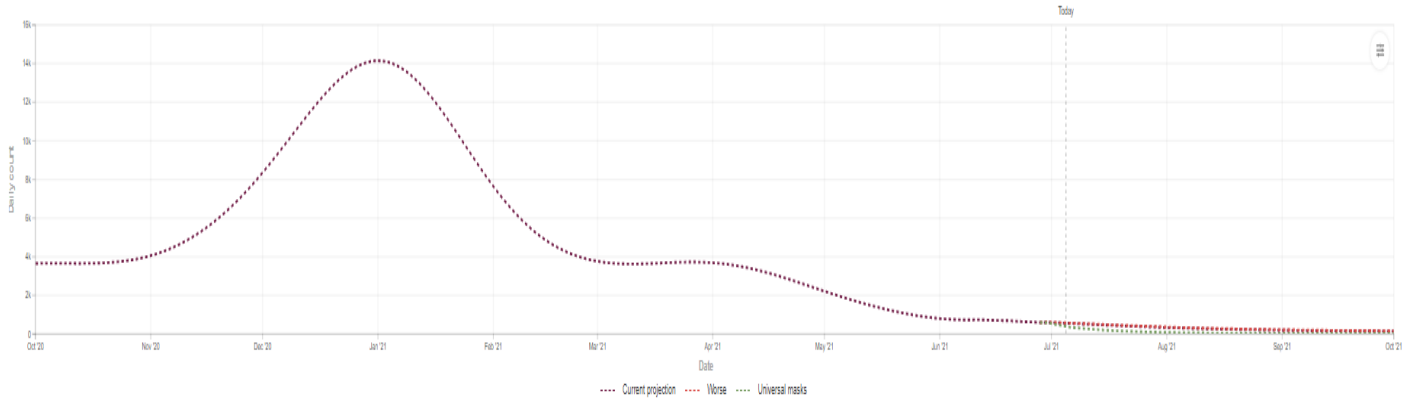
Mask use ⧉

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 ✕ | Masks ✕ | ∨

—— Observed   ----- Current projection   ----- Universal masks

Data sources: Premise; Global COVID-19 Symptom Survey (this research is based on survey results from University of Maryland Social Data Science Center with Facebook's support); US COVID-19 Symptom Survey (this research is based on survey results from Carnegie Mellon University's Delphi Research Group with Facebook's support); 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 ✕ | Worse ✕ | Masks ✕ | ∨

—— Observed   ----- Current projection   ----- Worse   ----- Universal masks
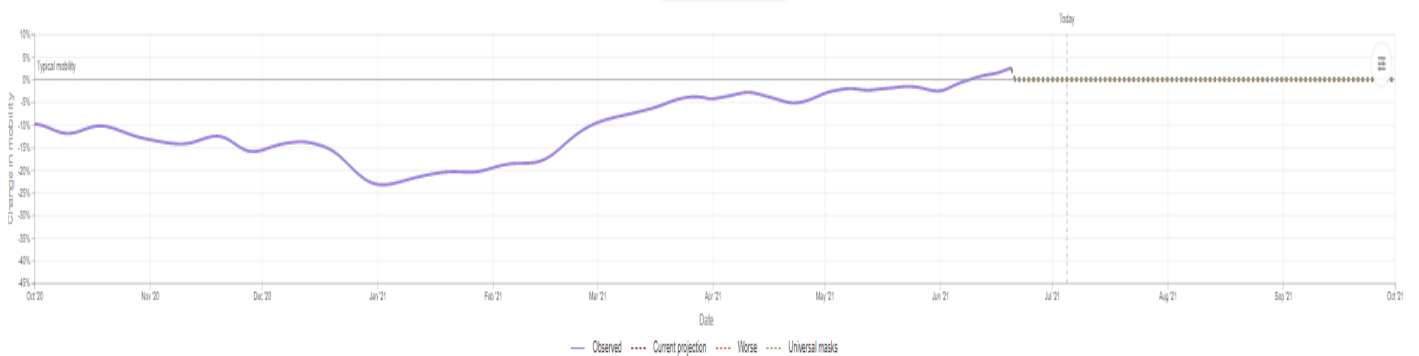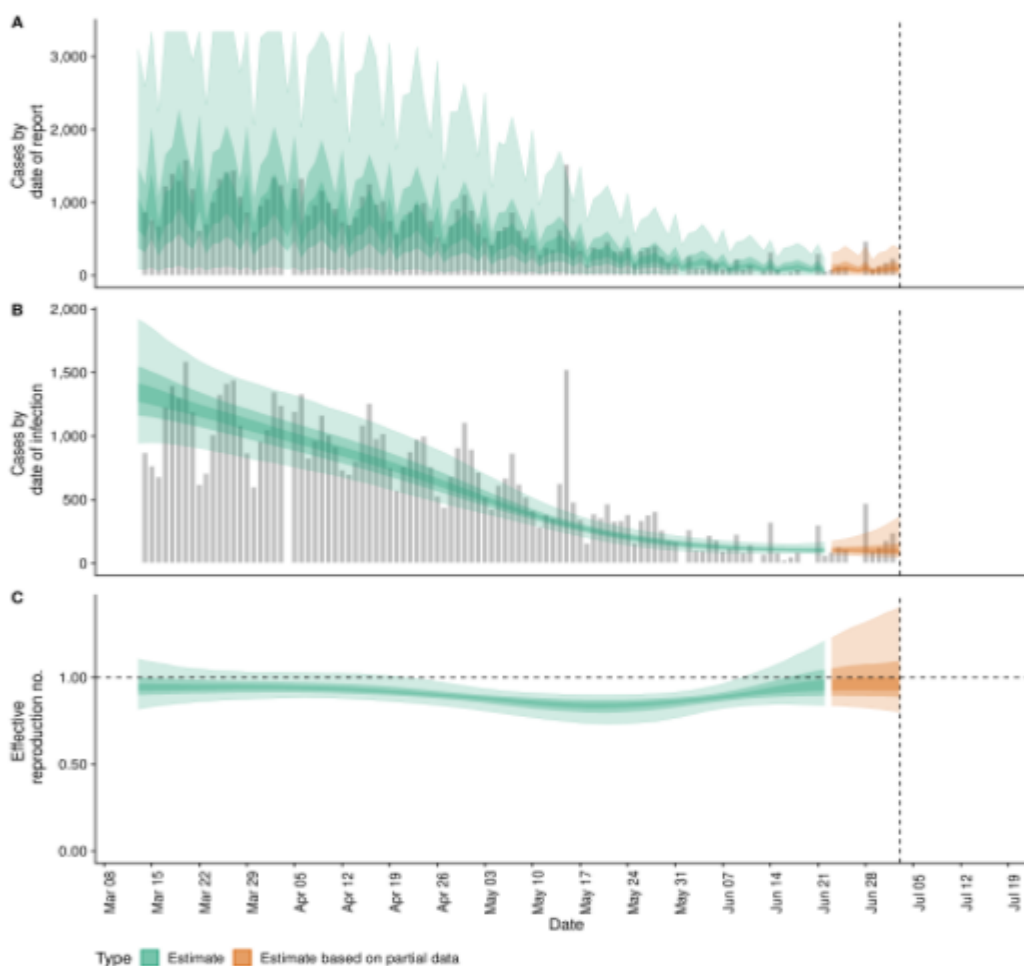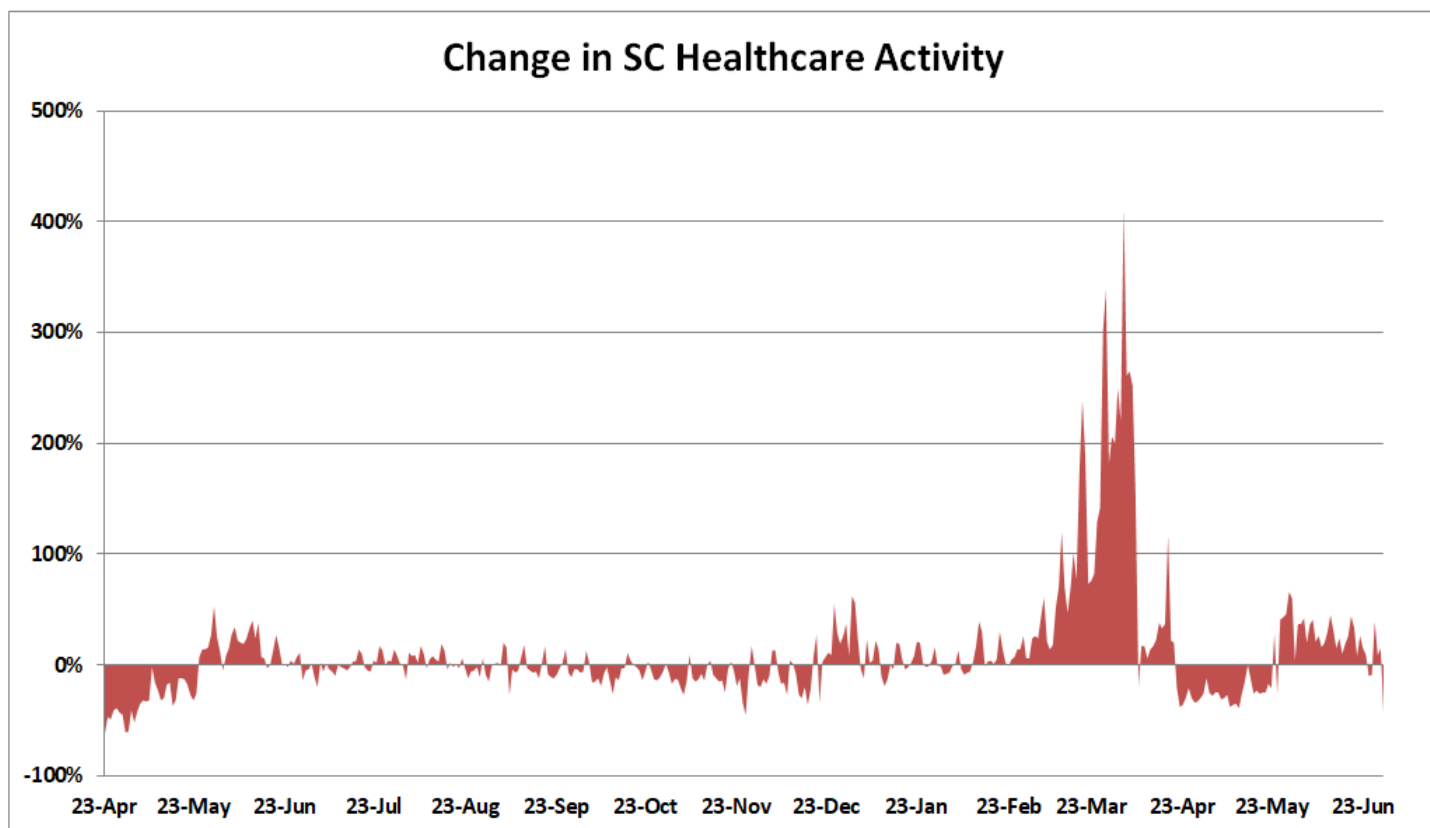
SC Reproduction Number Estimate

Summary (estimates as of the 2021-07-03)

Table 1: Latest estimates (as of the 2021-07-03) 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	93 (42 – 364)
Expected change in daily cases	Likely decreasing
Effective reproduction no.	0.96 (0.8 – 1.4)
Rate of growth	-0.011 (-0.056 – 0.11)
Doubling/halving time (days)	-62 (6.6 – -12)

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

Change in SC Healthcare Activity

* Percentage change as compared to same date in 2019.

<u>Resources</u>

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/