Weekly Covid-19 Data Digest

care**SOUTH** carolina

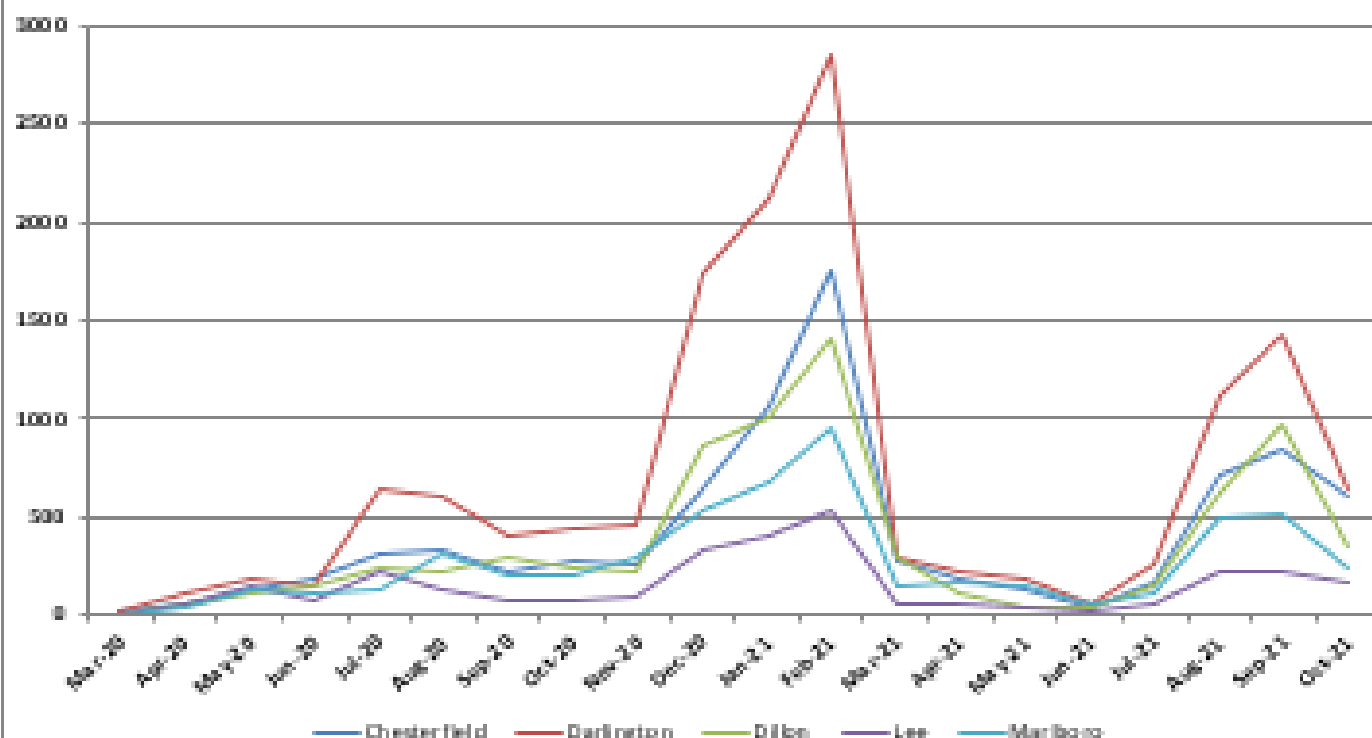October 12, 2021

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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.

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

	26-Sep	27-Sep	28-Sep	29-Sep	30-Sep	1-Oct	2-Oct	3-Oct	4-Oct	5-Oct	6-Oct	7-Oct	8-Oct	9-Oct
Chesterfield County	11	26	13	33	24	33	19	5	21	19	27	16	17	14
Darlington County	27	58	24	18	26	18	28	7	19	26	21	40	13	14
Dillon County	26	13	20	29	23	15	14	8	8	12	13	19	5	5
Lee County	7	5	4	4	4	12	2	6	5	4	4	8	6	2
Marlboro County	4	9	22	27	15	14	10	2	6	9	1	9	5	7
Service Area	75	111	83	111	92	92	73	28	59	70	66	92	46	42

7 Day Average Daily New Cases
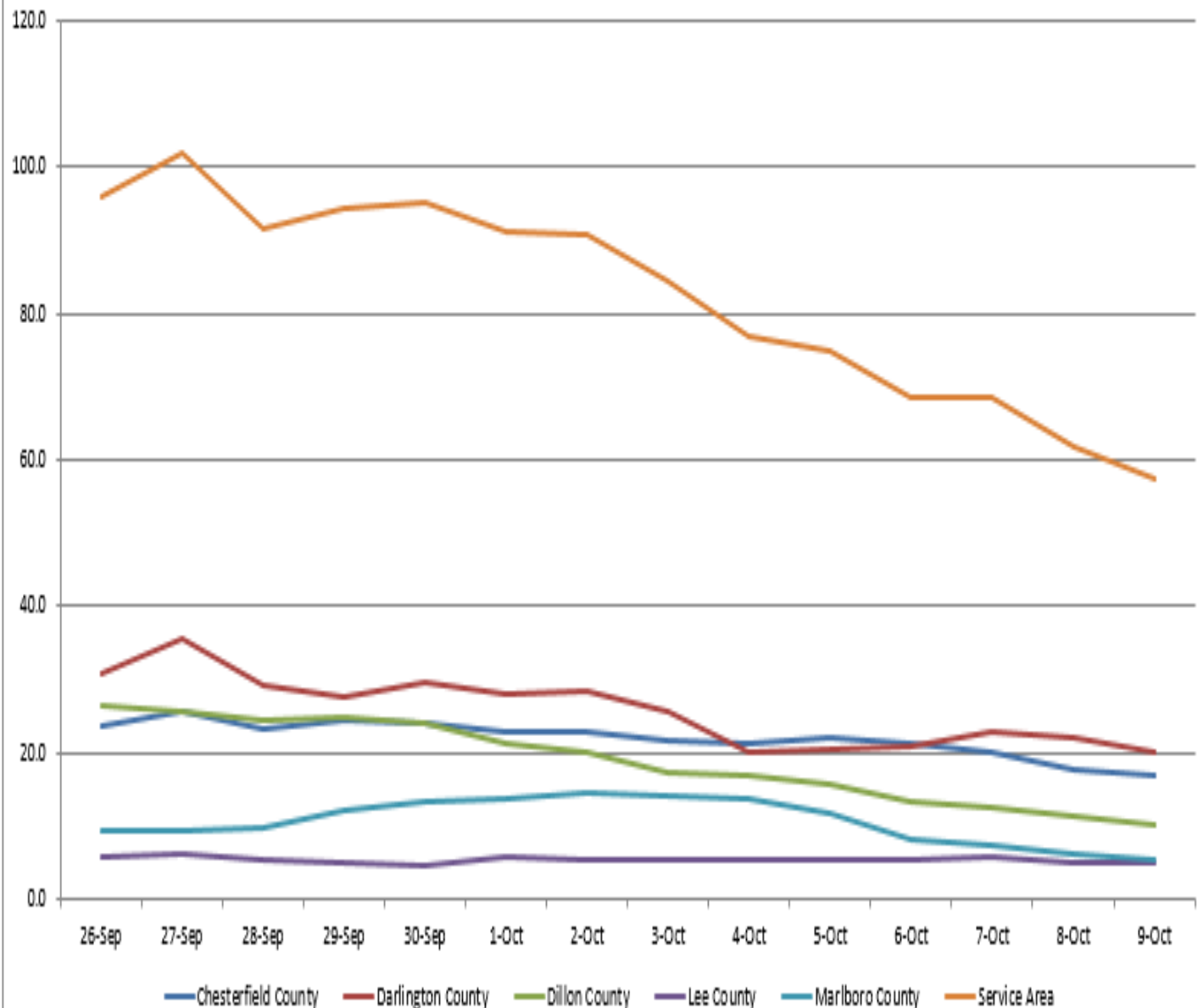
Reported New Cases by Month

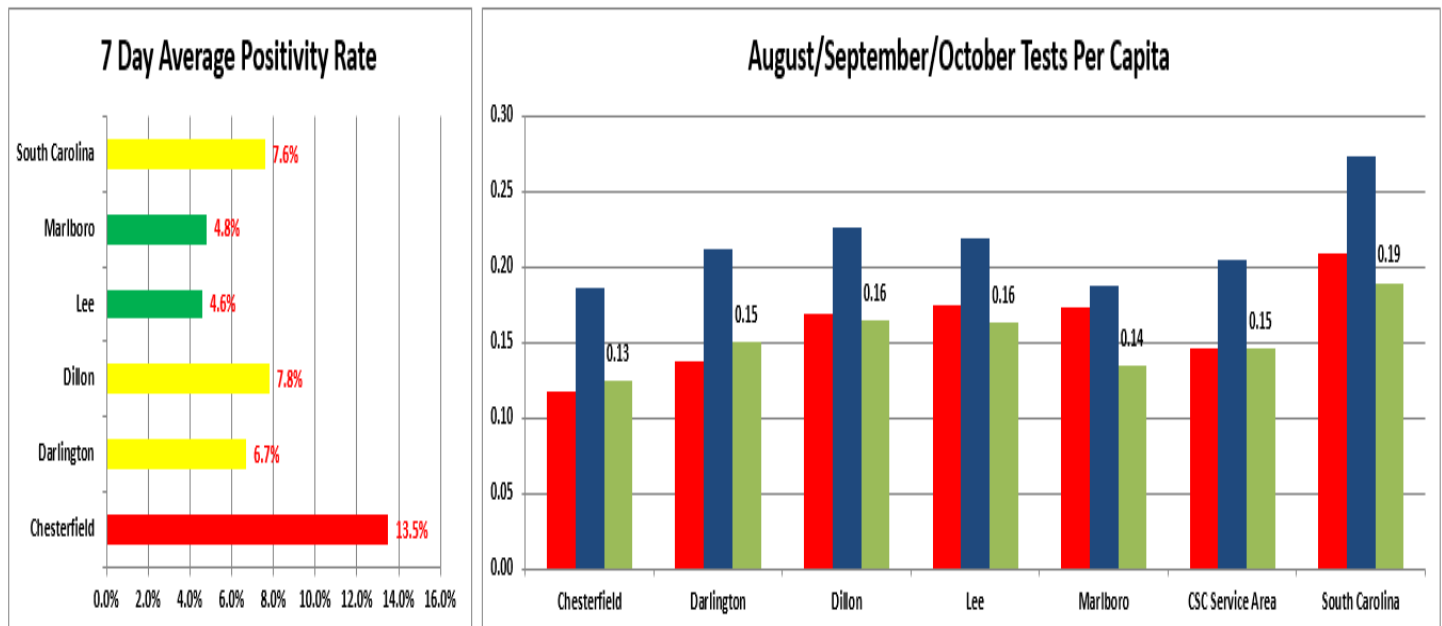## Rate of New Cases by Month (per 10,000 residents)
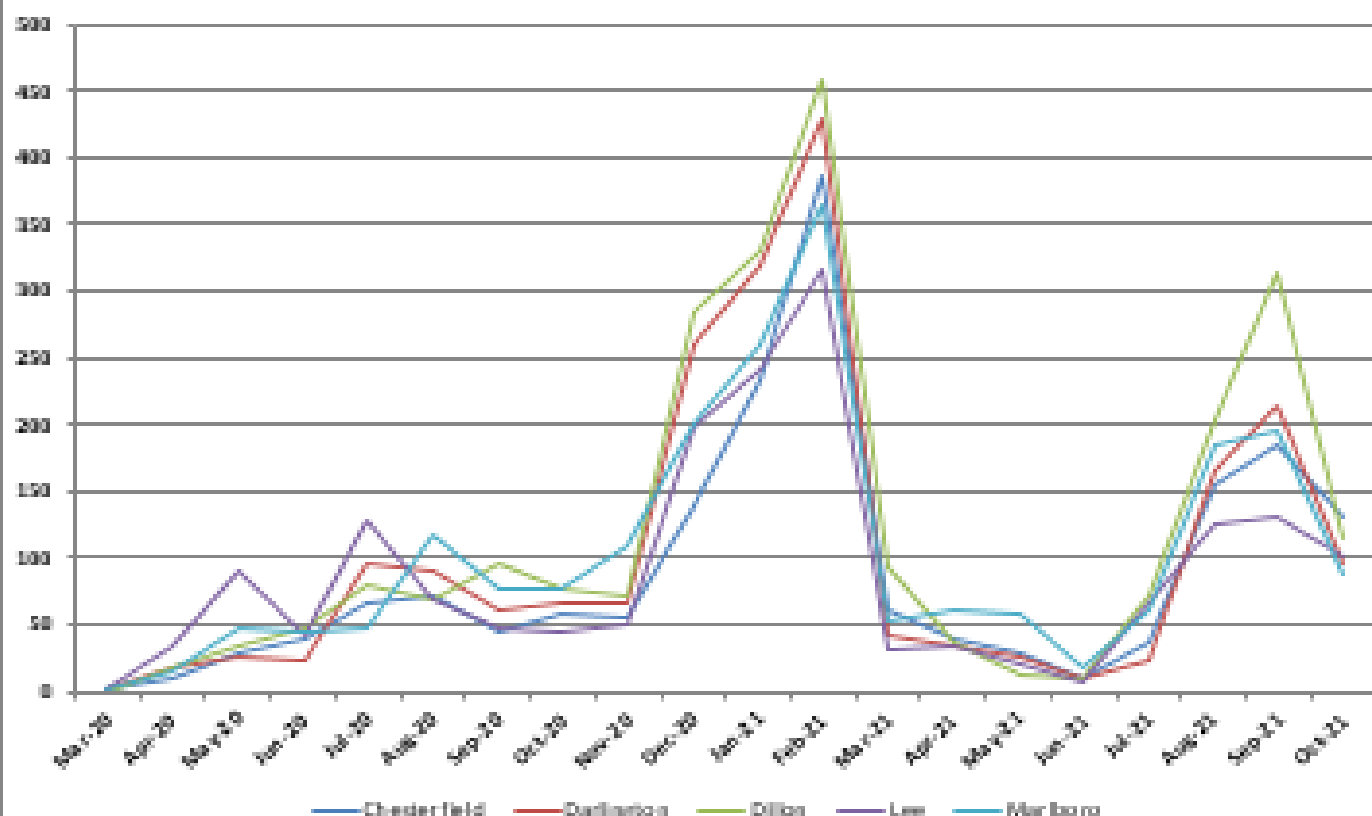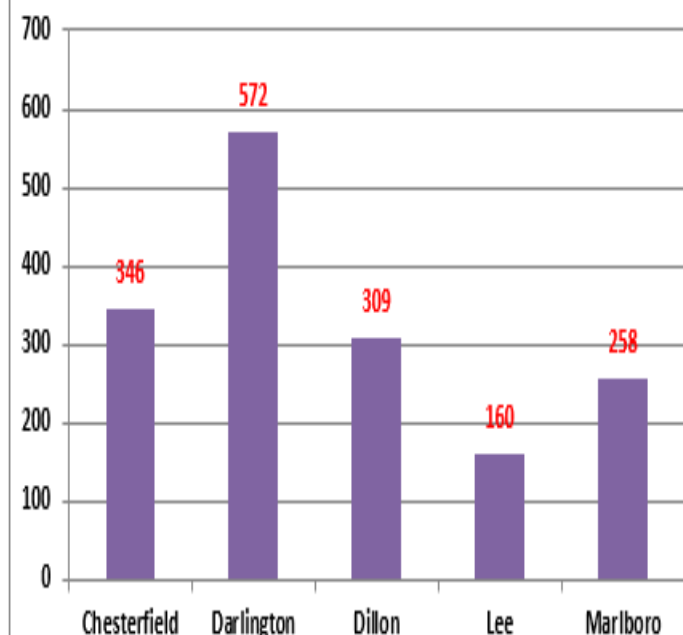

NOTE: Incomplete month prorated for comparison purposes.

COVID-19 TOTAL CUMULATIVE CASES COMPARISON DATA (as of October 10, 2021)

Geographic Unit	Population	Cases	Daily New Cases	Cases Per 100 Pop.	Rate Exceeds: State*	Nation	World
Anson County, NC	25,289	3,751	5	14.83	Yes	Yes	Yes
Chesterfield County	45,650	7,034	14	15.41	No	Yes	Yes
Columbus County, NC	56,220	9,847	7	17.52	Yes	Yes	Yes
Darlington County	66,618	11,720	14	17.59	Yes	Yes	Yes
Dillon County	30,479	6,312	5	20.71	Yes	Yes	Yes
Florence County	138,293	26,237	20	18.97	Yes	Yes	Yes
Horry County	354,081	60,953	87	17.21	Yes	Yes	Yes
Kershaw County	66,551	11,724	15	17.62	Yes	Yes	Yes
Lancaster County	98,012	15,597	28	15.91	No	Yes	Yes
Lee County	16,828	2,489	2	14.79	No	Yes	Yes
Marion County	30,657	5,368	3	17.51	Yes	Yes	Yes
Marlboro County	26,118	4,725	7	18.09	Yes	Yes	Yes
Richmond County, NC	44,993	6,965	10	15.48	Yes	Yes	Yes
Robeson County, NC	130,529	24,588	29	18.84	Yes	Yes	Yes
Scotland County, NC	35,690	5,602	5	15.70	Yes	Yes	Yes
Sumter County	106,721	15,722	21	14.73	No	Yes	Yes
Union County, NC	242,657	35,357	39	14.57	Yes	Yes	Yes
South Carolina	5,148,714	879,012	1,252	17.07	N/A	Yes	Yes
North Carolina	10,630,691	1,434,551	1,786	13.49	N/A	No	Yes
United States	330,300,890	44,217,318	106,296	13.39	N/A	N/A	Yes
World	7,681,651,842	238,874,651	289,119	3.11	N/A	N/A	N/A

* Compared to state in which county is located

7 Day Average Positivity Rate

South Carolina	7.6%
Marlboro	4.8%
Lee	4.6%
Dillon	7.8%
Darlington	6.7%
Chesterfield	13.5%

0.0% 2.0% 4.0% 6.0% 8.0% 10.0% 12.0% 14.0% 16.0%

August/September/October Tests Per Capita

Chesterfield 0.13, Darlington 0.15, Dillon 0.16, Lee 0.16, Marlboro 0.14, CSC Service Area 0.15, South Carolina 0.19

Total Hospitalizations

Bar chart showing Total Hospitalizations by county: Chesterfield 346, Darlington 572, Dillon 309, Lee 160, Marlboro 258.

Rate of Hospitalization

Bar chart showing Rate of Hospitalization: Chesterfield 4.9%, Darlington 4.9%, Dillon 4.9%, Lee 6.4%, Marlboro 5.5%, South Carolina 3.4%.

Pee Dee Hospital Utilization

County	Covid Patients	ICU Covid Pts.	Covid Pts. Vent.	Percent Occupied
Chesterfield	6	1	0	54.2%
Clarendon	6	2	2	46.9%
Darlington	9	5	4	53.9%
Dillon	10	2	1	84.6%
Florence	88	21	17	88.4%
Georgetown	37	10	8	95.8%
Horry	105	29	17	88.7%
Marion	3	0	0	79.4%
Sumter	7	2	2	52.4%
Williamsburg	1	1	0	81.3%
Total	272	73	51	84.4%

Note: Data as reported by DHEC as of 10/10/21

Long Term Care Facility Cases Within Past 30 Days

County	Facility	Residents	Staff
Chesterfield	Pageland Care Facility	0	1
Chesterfield	Palmetto Ridge Assisted Living	1	0
Darlington	Bethea Baptist Health Care Center	1	1
Darlington	Medford Nursing Center	0	1
Darlington	Morningside of Hartsville	0	1
Dillon	Carlyle Senior Care of Fork	0	1

* as reported by DHEC as of 10/6/21

Schools With Cases Within Past Week

County	School	Students	Faculty
Chesterfield	Central High	<5	0
Chesterfield	Cheraw High	<5	0
Chesterfield	Cheraw Intermediate	<5	0
Chesterfield	Cheraw Primary	6	0
Chesterfield	Chesterfield High	<5	0
Chesterfield	Chesterfield-Ruby Middle	<5	0
Chesterfield	Edwards Elementary	<5	0
Chesterfield	Jefferson Elementary	<5	<5
Chesterfield	Long Middle	<5	0
Chesterfield	Marantha Christian	<5	0
Chesterfield	McBee Elementary	<5	0
Chesterfield	McBee High	<5	0
Chesterfield	New Heights Middle	<5	0
Chesterfield	Pageland Elementary	<5	<5
Chesterfield	Petersburg Primary	<5	0
Chesterfield	Plainview Elementary	0	<5
Chesterfield	Ruby Elementary	0	<5
Darlington	Bay Road Elementary	<5	0
Darlington	Brockington Elementary	<5	0
Darlington	Darlington High	6	<5
Darlington	Darlington Middle	<5	0
Darlington	Emmanuel Christian	<5	<5
Darlington	Hartsville High	<5	0
Darlington	Hartsville Middle	3	0
Darlington	J.L. Cain Elementary	<5	0
Darlington	Lamar High	<5	0
Darlington	Lamar-Spaulding Elementary	<5	0
Darlington	Pate Elementary	<5	<5
Darlington	Rosenwald Elementary/Middle	<5	0
Darlington	Spaulding Middle	0	<5
Darlington	St. John's Elementary	<5	0
Darlington	Trinity Collegiate	<5	0
Dillon	Dillon High	<5	0
Dillon	Dillon Middle	8	0
Dillon	Lake View Elementary	5	0
Dillon	Lake View High	13	<5
Dillon	South Elementary	<5	0
Dillon	Stewart Heights Elementary	12	<5
Lee	Lee Central High	6	0
Marlboro	Bennettsville Intermediate	<5	0
Marlboro	Blenheim Midle	6	<5
Marlboro	Marlboro Academy	<5	0
Marlboro	Marlboro County High	<5	0
Marlboro	McColl Elementary/Middle	8	<5

* as reported by DHEC on 10/6/21

DHEC Reported Vaccine Recipients by Zip Code -- Age 12 & Older (as of 10/9/21 at 11:59PM)

Chesterfield County

Zip	Town	Recipients	% of Pop
29520	Cheraw	6007	49.4%
29709	Chesterfield	2628	46.7%
29718	Jefferson	1219	33.3%
29101	McBee	1017	40.6%
29727	Mt.Croghan	508	32.6%
29728	Pageland	2729	34.0%
29584	Patrick	944	47.5%
29741	Ruby	687	31.2%
Unknown or OOC Zip Code		861	N/A
County Total		**16600**	**41.9%**

Darlington County

Zip	Town	Recipients	% of Pop
29532	Darlington	9104	50.8%
29540	Darlington	2663	66.5%
29550	Hartsville	16911	60.4%
29069	Lamar	2186	55.3%
29593	Society Hill	687	47.9%
Unknown or OOC Zip Code		2385	N/A
County Total		**33936**	**59.1%**

Dillon County

Zip	Town	Recipients	% of Pop
29536	Dillon	6714	37.7%
29543	Fork	326	56.9%
29547	Hamer	1074	42.7%
29563	Lake View	1190	63.0%
29565	Latta	2790	47.1%
29567	Little Rock	330	92.7%
Unknown or OOC Zip Code		547	N/A
County Total		**12971**	**51.0%**

Lee County

Zip	Town	Recipients	% of Pop
29010	Bishopville	5208	48.3%
29080	Lynchburg	750	29.5%
Unknown or OOC Zip Code		1523	N/A
County Total		**7481**	**49.1%**

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

Marlboro County

Zip	Town	Recipients	% of Pop
29512	Bennettsville	6391	41.3%
29516	Blenheim	318	38.1%
29525	Clio	804	45.7%
29570	McColl	1084	34.5%
29596	Wallace	865	46.5%
Unknown or OOC Zip Code		100	N/A
County Total		**9562**	**41.2%**

Zip Codes with Highest % of Recipients

Rank	Town	Zip	% of Pop
1	Little Rock	29567	92.7%
2	Darlington	29540	66.5%
3	Lake View	29563	63.0%
4	Hartsville	29550	60.4%
5	Fork	29543	56.9%
6	Lamar	29069	55.3%
7	Darlington	29532	50.8%
8	Cheraw	29520	49.4%
9	Bishopville	29010	48.3%
10	Society Hill	29593	47.9%

Zip Codes with Lowest % of Recipients

Rank	Town	Zip	% of Pop
1	Lynchburg	29080	29.5%
2	Ruby	29741	31.2%
3	Mt. Croghan	29727	32.6%
4	Jefferson	29718	33.3%
5	Pageland	29728	34.0%
6	McColl	29570	34.5%
7	Dillon	29536	37.7%
8	Blenheim	29516	38.1%
9	McBee	29101	40.6%
10	Bennettsville	29512	41.3%

Counties Ranked by Recipients % of Pop.

Rank	County	Recipients	% of Pop
1	Darlington	33936	59.1%
2	Dillon	12971	51.0%
3	Lee	7481	49.1%
4	Chesterfield	16600	41.9%
5	Marlboro	9562	41.2%
CSC Service Area		**80550**	**53.6%**

Percentage of Residents Vaccinated by Race, Sex and Ethnicity*

County	Black	White	Asian/AIAN	Hispanic	Female	Male
Chesterfield	35.4%	36.9%	40.1%	33.0%	45.4%	38.1%
Darlington	51.6%	53.1%	65.8%	60.1%	62.5%	55.1%
Dillon	41.8%	51.7%	29.8%	28.8%	54.7%	46.8%
Lee	41.6%	45.1%	52.8%	32.0%	56.9%	41.5%
Marlboro	37.8%	39.4%	60.2%	16.4%	48.8%	34.3%
CSC Service Area	43.2%	46.1%	46.2%	36.2%	54.7%	45.1%

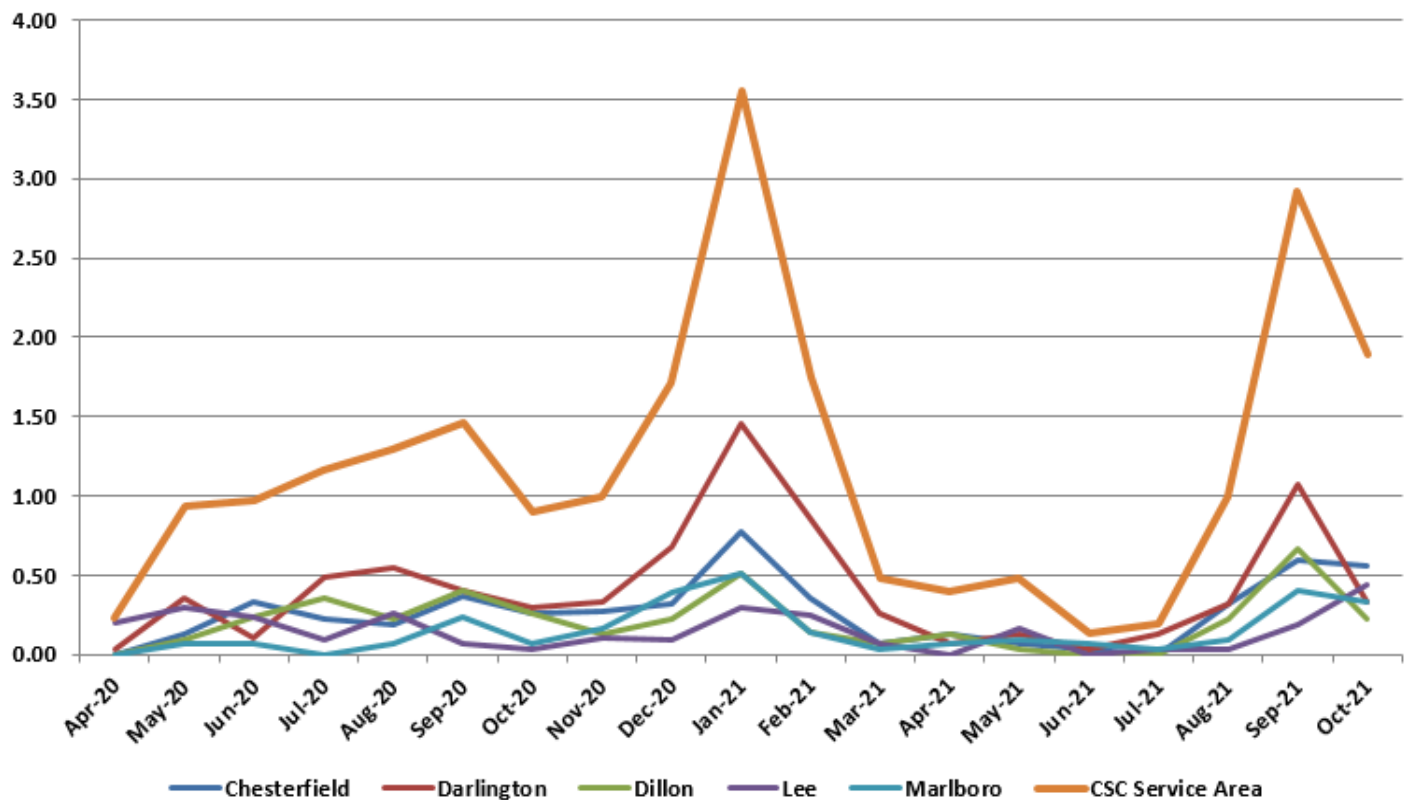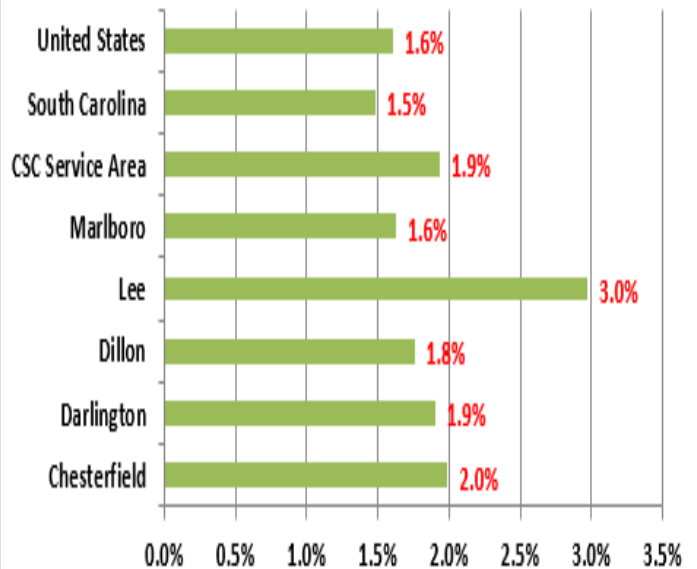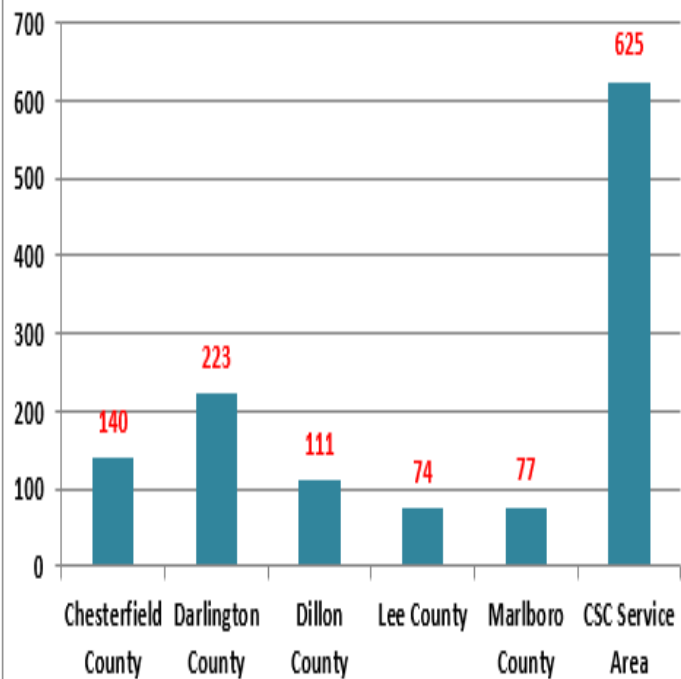|	
	Equal or greater than Service Area Avg.
	Less than Service Area Avg.

* 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	41%	21%		57%	62%	66%
Aiken	40%	22%		57%	63%	67%
Allendale	47%	20%		61%	66%	71%
Anderson	39%	26%		60%	66%	71%
Bamberg	46%	16%		58%	62%	67%
Barnwell	46%	25%		64%	70%	76%
Beaufort	51%	21%		67%	72%	77%
Berkeley	43%	24%		62%	68%	73%
Calhoun	46%	12%		54%	59%	62%
Charleston	56%	23%		73%	78%	84%
Cherokee	32%	27%		53%	58%	63%
Chester	40%	27%		61%	67%	72%
Chesterfield	32%	21%		48%	53%	57%
Clarendon	44%	20%		59%	64%	69%
Colleton	45%	22%		62%	67%	72%
Darlington	45%	21%		60%	65%	70%
Dillon	37%	27%		58%	64%	69%
Dorchester	45%	38%		76%	84%	91%
Edgefield	40%	20%		56%	61%	65%
Fairfield	47%	18%		60%	65%	70%
Florence	46%	25%		65%	70%	76%
Georgetown	56%	19%		69%	75%	80%
Greenville	46%	25%		65%	71%	76%
Greenwood	43%	23%		61%	66%	71%
Hampton	47%	25%		67%	72%	78%
Horry	50%	26%		70%	76%	82%
Jasper	39%	21%		55%	60%	65%
Kershaw	44%	27%		65%	71%	76%
Lancaster	37%	22%		53%	58%	63%
Laurens	37%	26%		57%	63%	68%
Lee	39%	15%		50%	54%	58%
Lexington	48%	28%		69%	75%	81%
Marion	45%	25%		64%	69%	75%
Marlboro	32%	24%		51%	56%	60%
McCormick	52%	15%		62%	67%	71%
Newberry	45%	27%		66%	72%	78%
Oconee	40%	29%		63%	69%	75%
Orangeburg	46%	23%		64%	69%	74%
Pickens	36%	29%		60%	65%	71%
Richland	48%	23%		65%	70%	75%
Saluda	41%	15%		52%	56%	60%
Spartanburg	39%	27%		60%	65%	71%
Sumter	38%	20%		53%	58%	63%
Union	37%	21%		54%	59%	63%
Williamsburg	47%	21%		63%	68%	73%
York	40%	24%		59%	64%	69%
Whole state	45%	25%		64%	69%	75%

Total Covid Deaths

Percent of Covid-19 Cases Resulting in Death

Rate of Covid-19 Deaths Per Day by Month

Rankings/

Risk Factors

Harvard Global Health Institute Risk Levels

County	Risk Level	SC Rank*	US Rank**
Chesterfield County	Red	6	712
Dillon County	Red	15	1150
Lee County	Red	22	1630
Marlboro County	Red	25	1709
Darlington County	Red	29	1855
* out of 46 counties ** out of 3142 counties or equivalents			

Covid Act Now Risk Levels

County	Risk Level
Chesterfield County	Very High
Darlington County	Very High
Dillon County	Very High
Lee County	Very High
Marlboro County	Very High

CDC County Alert Zones

County	Transmission Level
Chesterfield County	High
Darlington County	High
Dillon County	High
Lee County	High
Marlboro County	High

* 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*
Dillon County	22
Chesterfield County	80
Marlboro County	89
Lee County	125
Darlington County	304
* out of 3142 counties or equivalents	

Vaccine Recipient Rate SC Rank

County	Rank*
Darlington County	22
Dillon County	39
Lee County	42
Chesterfield County	45
Marlboro County	46
* out of 46 counties (age 12 & older)	

Cumulative Rate State Rank

County	Rank*
Dillon County	2
Marlboro County	24
Darlington County	32
Lee County	34
Chesterfield County	45
* out of 46 counties	

National Social Distancing Scoreboard

Location	Grade
Chesterfield County	D
Darlington County	D-
Dillon County	D
Lee County	D+
Marlboro County	C-
South Carolina	F
United States	C-

CDC Information:

STATE PROFILE REPORT
10.01.2021

SOUTH CAROLINA

STATE SYNOPSIS

	LAST WEEK	CHANGE FROM PREVIOUS WEEK
RATE OF NEW COVID-19 CASES PER 100,000	346	-25%
NUCLEIC ACID AMPLIFICATION TEST (NAAT) POSITIVITY RATE	9.3%	-1.3%
NEW CONFIRMED COVID-19 HOSPITAL ADMISSIONS / 100 BEDS	11.9	-32%
RATE OF NEW COVID-19 DEATHS PER 100,000	7.3	-5%
COMMUNITY TRANSMISSION LEVEL	**HIGH TRANSMISSION**	
PEOPLE RECEIVED AT LEAST 1 DOSE	2,848,102 people	55.3% of total pop.
PEOPLE 18+ RECEIVED AT LEAST 1 DOSE	2,684,081 people	66.5% of 18+ pop.
PEOPLE FULLY VACCINATED	2,437,813 people	47.3% of total pop.
PEOPLE 18+ FULLY VACCINATED	2,309,235 people	57.2% of 18+ pop.

SARS-CoV-2 Variants of Concern
- The following proportions of variants of concern have been identified in South Carolina: B.1.617.2, AY.1, AY.2 (Delta, 97.3%)

COVID-19 Reported Cases per 100,000 Population (last 7 days) and Percent of Total Population Fully Vaccinated
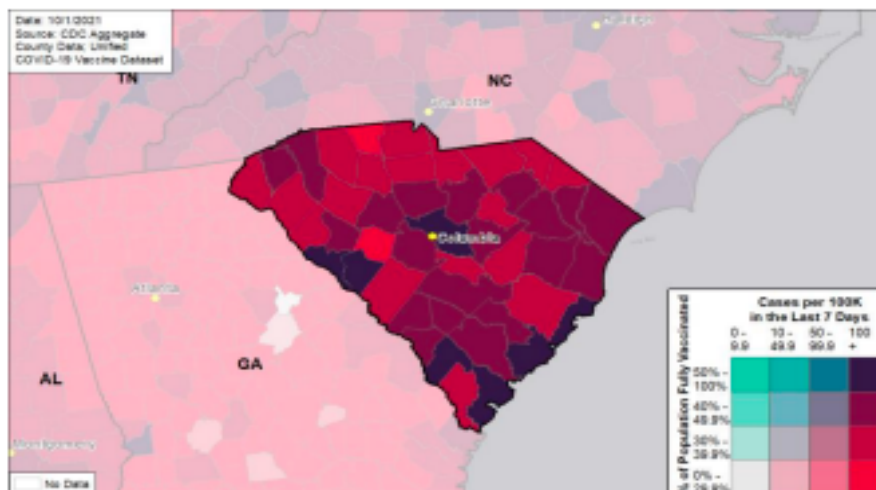
The purpose of this report is to develop a shared understanding of the current status of the pandemic at the national, regional, state, and local levels. We recognize that data at the state level may differ from that available at the federal level. Our objective is to use consistent data sources and 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/ContactUs/Form.

COVID-19

COVID-19

SOUTH CAROLINA
STATE PROFILE REPORT | 10.01.2021

	STATE	STATE, % CHANGE FROM PREVIOUS WEEK	FEMA/HHS REGION	UNITED STATES
NEW COVID-19 CASES (RATE PER 100,000)	17,794 (346)	-25%	170,275 (254)	732,548 (221)
NUCLEIC ACID AMPLIFICATION TEST (NAAT) POSITIVITY RATE	9.3%	-1.3%*	9.5%	6.4%
TOTAL NAAT VOLUME (TESTS PER 100,000)	204,748** (3,977**)	-18%**	1,725,015** (2,578**)	11,264,018** (3,393**)
NEW COVID-19 DEATHS (RATE PER 100,000)	377 (7.3)	-5%	2,868 (4.3)	10,423 (3.1)
CONFIRMED AND SUSPECTED NEW COVID-19 HOSPITAL ADMISSIONS (RATE PER 100 BEDS)	1,626 (15.8)	-30% (-30%)	21,447 (14.0)	93,036 (13.3)
CONFIRMED NEW COVID-19 HOSPITAL ADMISSIONS (RATE PER 100 BEDS)	1,227 (11.9)	-32% (-32%)	15,244 (10.0)	56,805 (8.1)
NUMBER OF HOSPITALS WITH SUPPLY SHORTAGES (PERCENT)	9 (13%)	+0%	45 (5%)	288 (5%)
NUMBER OF HOSPITALS WITH STAFF SHORTAGES (PERCENT)	27 (40%)	-4%	251 (26%)	955 (18%)
PEOPLE 12+ INITIATING VACCINATION (PERCENT OF POPULATION)	32,311 (0.7%)	-9.9%	408,351 (0.7%)	1,735,294 (0.6%)
PEOPLE 12-17 INITIATING VACCINATION (PERCENT OF POPULATION)	3,231 (0.8%)	-22.2%	34,807 (0.7%)	174,338 (0.7%)
PEOPLE 18+ INITIATING VACCINATION (PERCENT OF POPULATION)	29,080 (0.7%)	-8.3%	373,544 (0.7%)	1,560,956 (0.6%)

* 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 are through 9/30/2021; previous week is from 9/17 to 9/23.
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 9/28/2021; previous week is from 9/15 to 9/21. Test volume through 9/24/2021; previous week is from 9/11 to 9/17.
Admissions: Unified Hospitals Dataset in HHS Protect. Data are through 9/29, previous week is from 9/16 to 9/22.
Shortages: Unified Hospitals Dataset in HHS Protect. Values presented show the latest reports from hospitals in the week ending 9/29/2021 for staffing and the week ending 9/29/2021 for supplies.
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 11:41 EDT on 10/01/2021. Data last updated 06:00 EDT on 10/01/2021. People initiating vaccination include those who have received the first dose of the Moderna or Pfizer-BioNTech vaccine as well as those who have received one dose of the J&J/Janssen vaccine. Population denominators reflect the subset of the population of the corresponding age range.
METHODS: Details available on last two pages of report.

COVID-19

SOUTH CAROLINA
STATE PROFILE REPORT | 10.01.2021

NEW CASES ▶
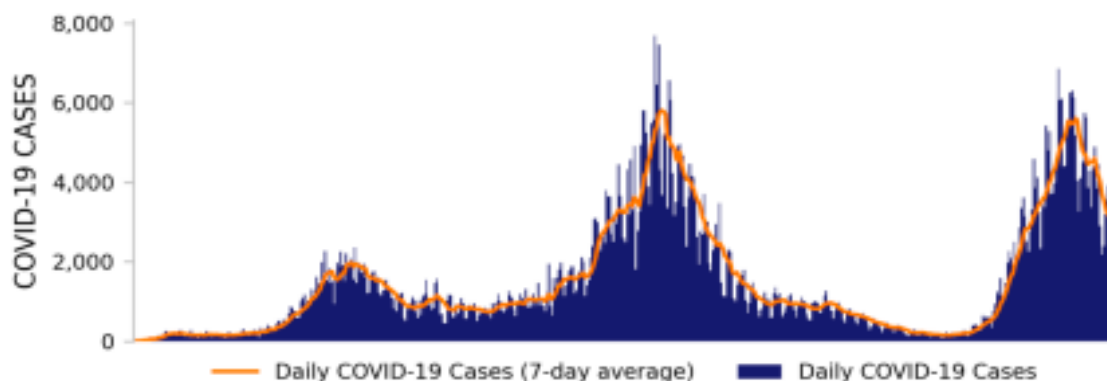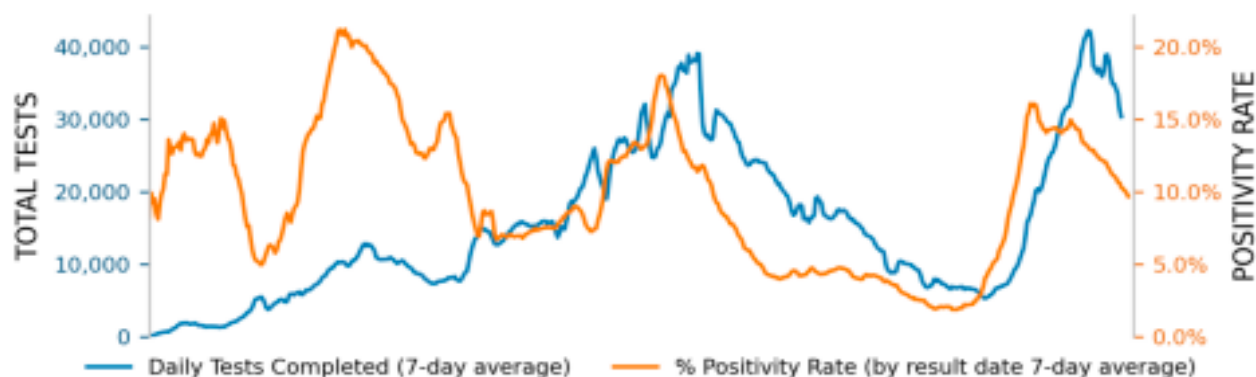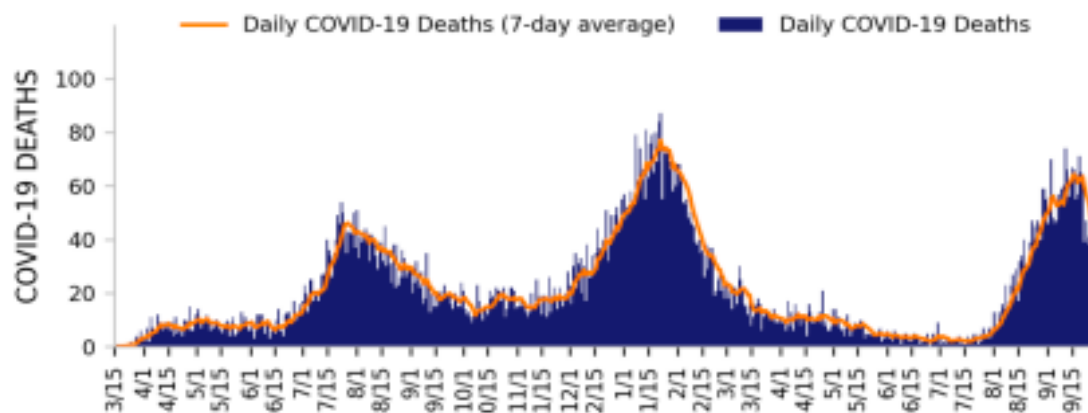
COVID-19 CASES

— 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

3/15 4/1 4/15 5/1 5/15 6/1 6/15 7/1 7/15 8/1 8/15 9/1 9/15 10/1 10/15 11/1 11/15 12/1 12/15 1/1 1/15 2/1 2/15 3/1 3/15 4/1 4/15 5/1 5/15 6/1 6/15 7/1 7/15 8/1 8/15 9/1 9/15

DATA SOURCES
Note: Some dates may have incomplete data due to delays in reporting. Data may be backfilled over time, resulting in week-to-week changes. All three trends share the same horizontal axis shown on the bottom figure.
Cases and Deaths: State values are aggregated data provided by the states to the CDC. Historical cases and deaths exceeding 1% of the total new cases or deaths reported in the US that day have been excluded. Data are through 9/30/2021.
Testing: CELR (COVID-19 Electronic Lab Reporting) state health department-reported data. Test positivity through 9/28/2021. Test volume through 9/24/2021.
METHODS: Details available on last two pages of report.

COVID-19

SOUTH CAROLINA

STATE PROFILE REPORT | 10.01.2021

STATE VACCINATION SUMMARY

DOSES DELIVERED 6,870,195
133,435 per 100k

DOSES ADMINISTERED 5,277,805
102,507 per 100k

PERCENT OF POPULATION FULLY VACCINATED

Percent of Population Fully Vaccinated through 10/01/2021
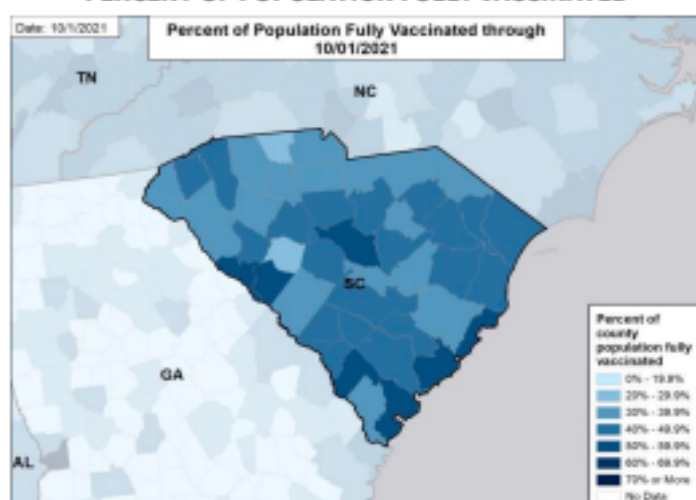
	RECEIVED AT LEAST ONE DOSE	FULLY VACCINATED
ALL PEOPLE	2,848,102 55.3% of total pop.	2,437,813 47.3% of total pop.
PEOPLE 12-17	159,073 41.6% of 12-17 pop.	125,717 32.9% of 12-17 pop.
PEOPLE 18+	2,684,081 66.5% of 18+ pop.	2,309,235 57.2% of 18+ pop.
PEOPLE 65+	851,475 90.9% of 65+ pop.	758,119 80.9% of 65+ pop.

PERCENT OF 18+ POPULATION FULLY VACCINATED

Percent of 18+ Population Fully Vaccinated through 10/01/2021

PERCENT OF 65+ POPULATION FULLY VACCINATED
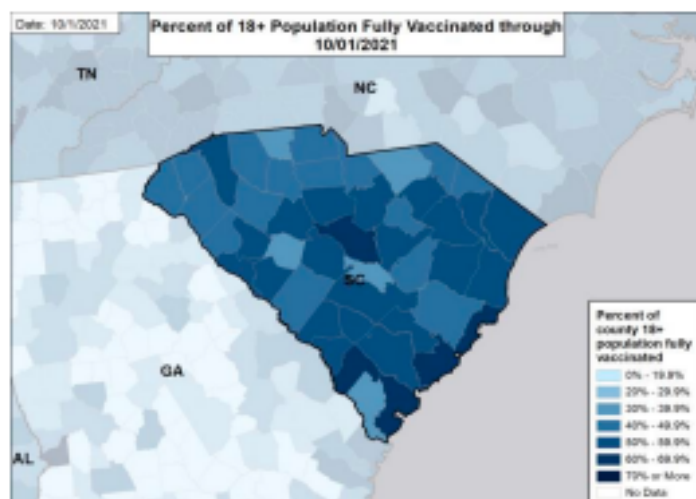
Percent of 65+ Population Fully Vaccinated through 10/01/2021
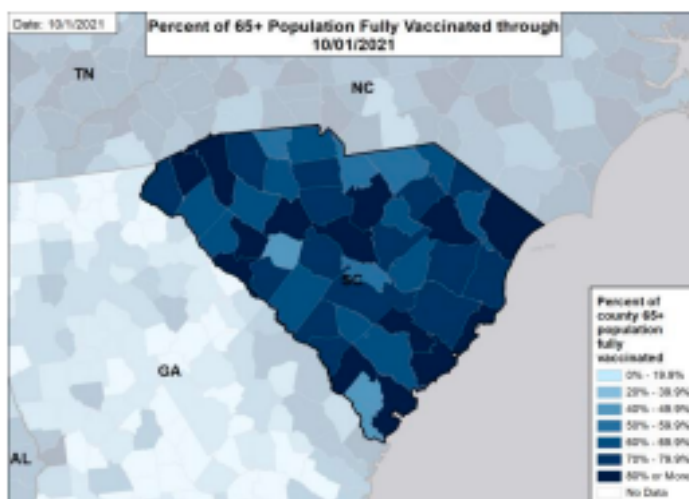
DATA SOURCES
County reporting completeness for South Carolina is 93.8%.
Vaccinations: CDC COVID Data Tracker. Data includes the Moderna, Pfizer BioNTech, and J&J/Janssen COVID-19 vaccines and reflects current data available as of 11:41 EDT on 10/01/2021. Data last updated 06:00 EDT on 10/01/2021. Persons 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 | 10.01.2021
COMMUNITY TRANSMISSION BY COUNTY AND METRO AREA

Date: 10/1/2021

Community Transmission Level by County
09/24/2021-09/30/2021

Community Transmission Level
- High
- Substantial
- Moderate
- Low
- No Data

Combined Transmission Levels Over Time - SC
(% of counties)
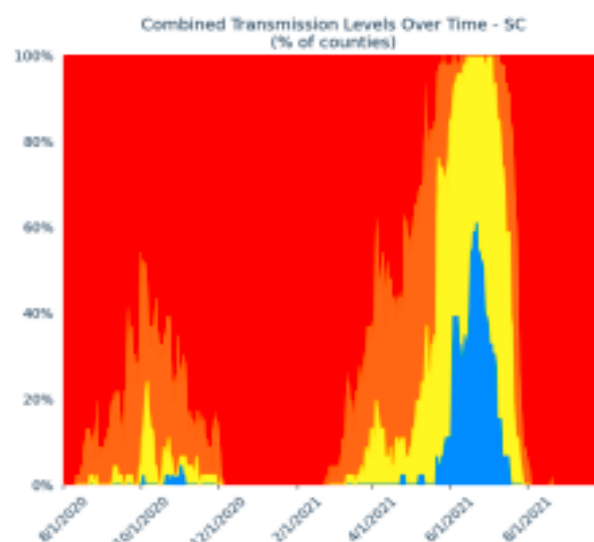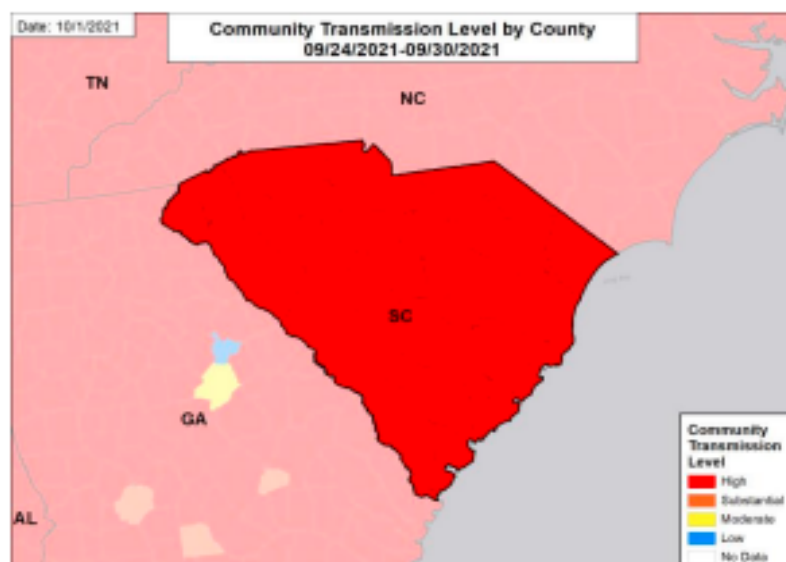
COUNTIES AND METRO AREAS BY COMBINED TRANSMISSION LEVEL

CATEGORY	LOW TRANSMISSION BLUE	MODERATE TRANSMISSION YELLOW	SUBSTANTIAL TRANSMISSION ORANGE	HIGH TRANSMISSION RED
# OF COUNTIES (CHANGE)	0 (0)	0 (0)	0 (0)	46 (0)
# OF METRO AREAS (CHANGE)	0 (0)	0 (0)	0 (0)	18 (0)

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

All Red CBSAs: Greenville-Anderson, Columbia, Charleston-North Charleston, Spartanburg, Charlotte-Concord-Gastonia, Myrtle Beach-Conway-North Myrtle Beach, Florence, Augusta-Richmond County, Hilton Head Island-Bluffton, Sumter, Gaffney, Seneca, Greenwood, Orangeburg, Union, Georgetown, Newberry, Bennettsville

DATA SOURCES
Maps and figures reflect 7-day average of data from 9/24-9/30 (cases), 9/22-9/28 (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 are from a CDC managed aggregate county dataset compiled from state and local health departments; therefore, the values may not match those reported directly by the state. Data are through 9/30/2021.
Testing: CELR (COVID-19 Electronic Lab Reporting) state health department-reported data. Data are through 9/28/2021.
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 | 10.01.2021

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

NEW CASES PER 100,000
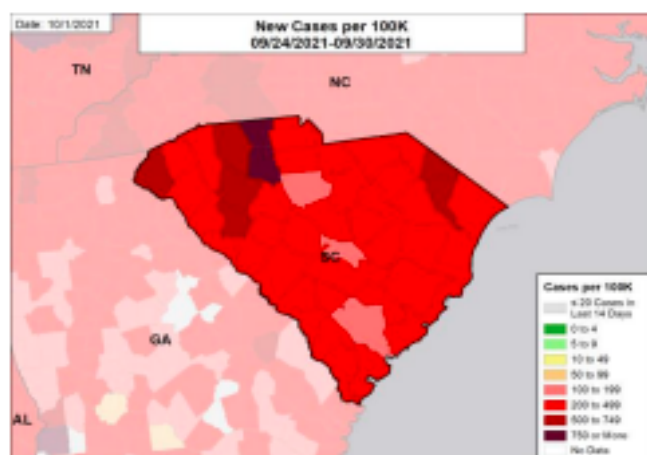
NUCLEIC ACID AMPLIFICATION TEST (NAAT) POSITIVITY
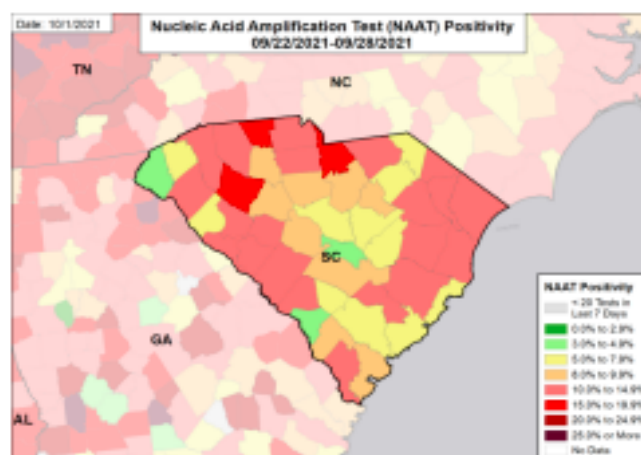
CONFIRMED NEW COVID-19 ADMISSIONS PER 100 INPATIENT BEDS
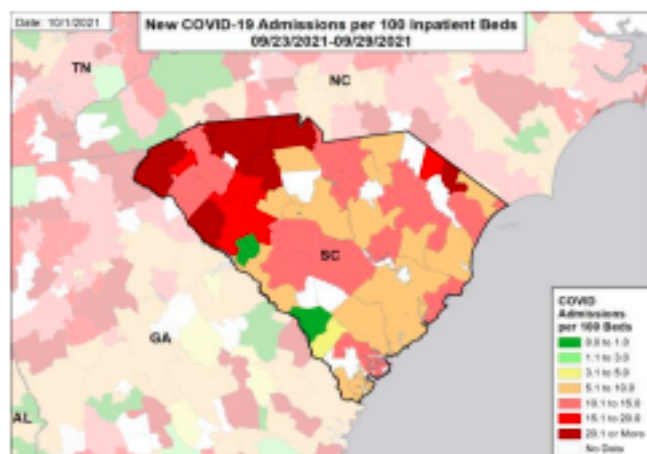
NEW DEATHS PER 100,000
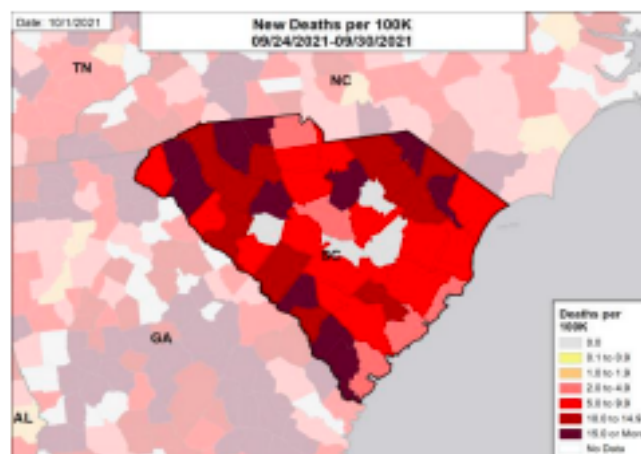
DATA SOURCES
Note: Some dates may have incomplete data due to delays in reporting. Data may be backfilled over time, resulting in week-to-week changes.
Cases and Deaths: County-level data are from a CDC managed aggregate county dataset compiled from state and local health departments; therefore, the values may not match those reported directly by the state. Data are through 9/30/2021.
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 are through 9/28/2021.
Hospitalizations: Unified Hospitals Dataset in HHS Protect. Totals include only confirmed COVID-19 admissions. Data are through 9/29/2021.
METHODS: Details available on last two pages of report.

COVID-19

National Picture: Vaccinations

PERCENT OF POPULATION FULLY VACCINATED

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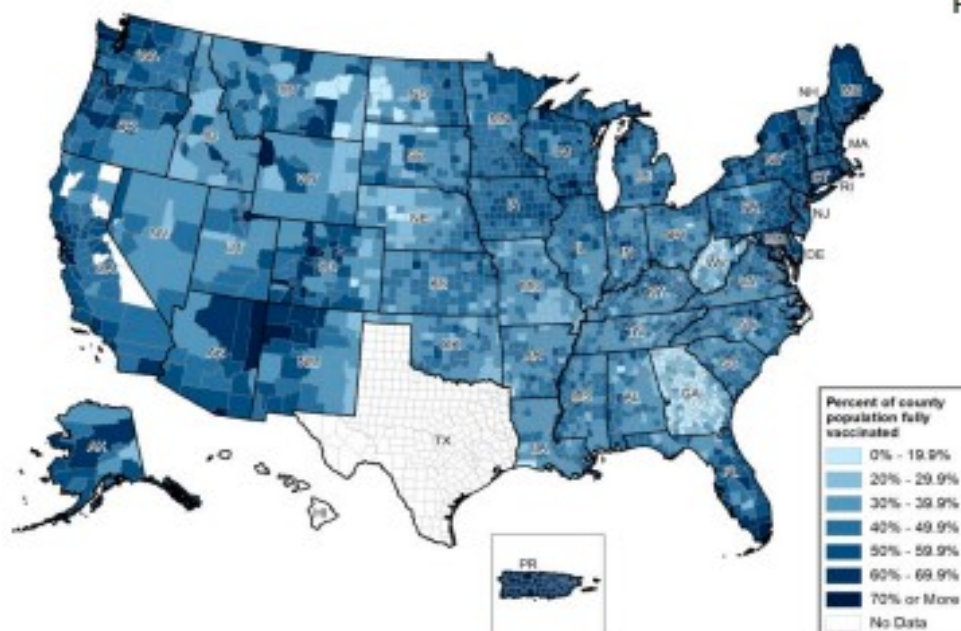
NATIONAL RANKING OF POPULATION FULLY VACCINATED

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

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
- No Data

PERCENT OF 65+ POPULATION FULLY VACCINATED

Percent of county 65+ population fully vaccinated
- 0% - 19.9%
- 20% - 29.9%
- 40% - 49.9%
- 50% - 59.9%
- 60% - 69.9%
- 70% - 79.9%
- 80% or More
- No Data

COVID-19

National Picture: Vaccinations

NATIONAL COVID-19 VACCINE SUMMARY AS OF 10/1

DOSES DELIVERED	477,069,555 143,697 per 100k	**DOSES ADMINISTERED**	393,756,866 118,603 per 100k
PEOPLE RECEIVED AT LEAST ONE DOSE	214,597,690 64.6% of total pop.	**PEOPLE FULLY VACCINATED**	184,852,416 55.7% of total pop.
PEOPLE 12-17 RECEIVED AT LEAST ONE DOSE	14,411,531 57.0% of 12-17 pop.	**PEOPLE 12-17 FULLY VACCINATED**	11,746,309 46.4% of 12-17 pop.
PEOPLE 18+ RECEIVED AT LEAST ONE DOSE	199,954,144 77.4% of 18+ pop.	**PEOPLE 18+ FULLY VACCINATED**	172,973,711 67.0% of 18+ pop.
PEOPLE 65+ RECEIVED AT LEAST ONE DOSE	51,377,618 93.7% of 65+ pop.	**PEOPLE 65+ FULLY VACCINATED**	45,622,443 83.2% of 65+ pop.

ADDITIONAL DOSES 4,363,791

DAILY NATIONAL COUNT OF VACCINE DOSES ADMINISTERED BY DATE OF ADMINISTRATION

COVID-19

National Picture: Cases

NEW CASES PER 100,000

Date: 10/1/2021
New Cases per 100K
09/24/2021-09/30/2021

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
No Data

NATIONAL RANKING OF NEW CASES PER 100,000

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

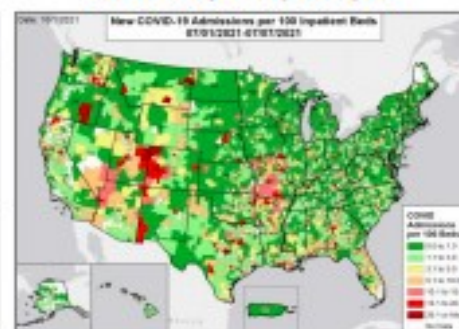## NEW CASES PER 100,000 IN THE WEEK:
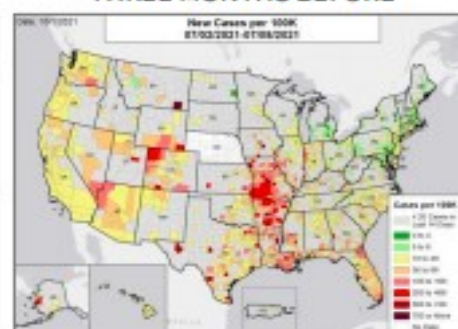
ONE MONTH BEFORE

TWO MONTHS BEFORE

THREE MONTHS BEFORE

DATA SOURCES
Note: Some dates may have incomplete data due to delays in reporting. Data may be backfilled over time, resulting in week-to-week changes.
Cases: County-level data are from a CDC managed aggregate county dataset compiled from state and local health departments; therefore, the values may not match those reported directly by the state. State values are aggregated data provided by the states to the CDC. California reports COVID-19 cases at the state level on the day of incident, not the day of report, which could result in a fluctuation in the number of cases from recent weeks due to delayed reporting. As of 8/10/2021, Florida changed their method of reporting COVID-19 cases at the state level and will report on the day of incident, not the day of report, which could result in a fluctuation in the number of cases from recent weeks due to delayed reporting. 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 9/21, Nebraska began providing county case and death data directly to CDC, with daily data going back to 9/2. 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, between 5/25 and 9/1 no county case and death data are available. The week one month before is from 8/27 to 9/2; the week two months before is from 7/30 to 8/5; the week three months before is from 7/2 to 7/8.
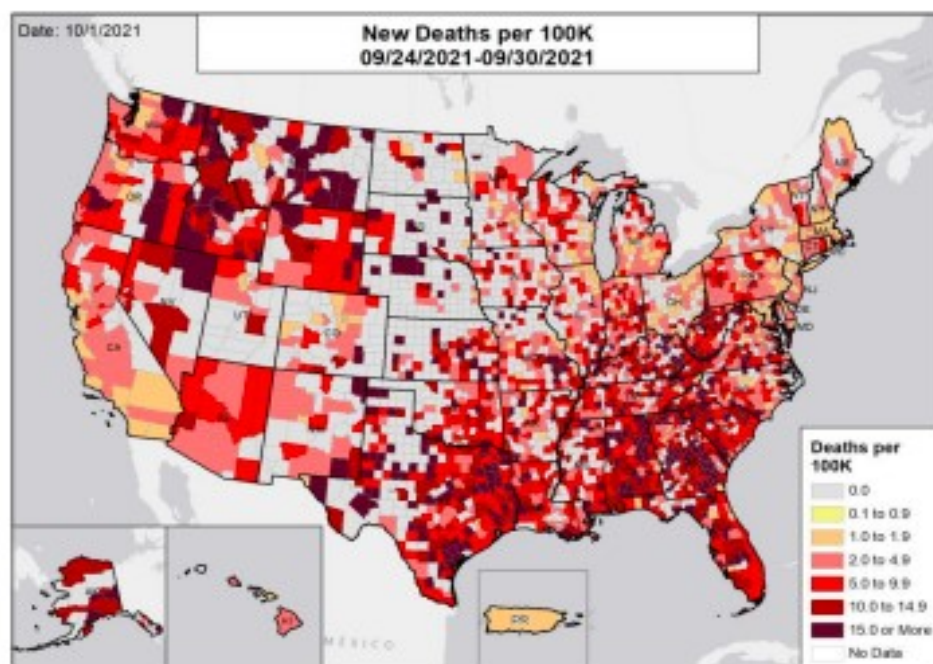**METHODS:** Details available on last two pages of report.

COVID-19

National Picture: NAAT Positivity

NUCLEIC ACID AMPLIFICATION TEST (NAAT) POSITIVITY

Date: 10/1/2021

Nucleic Acid Amplification Test (NAAT) Positivity 09/22/2021-09/28/2021

NAAT Positivity
- < 20 Tests in Last 7 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
- No Data
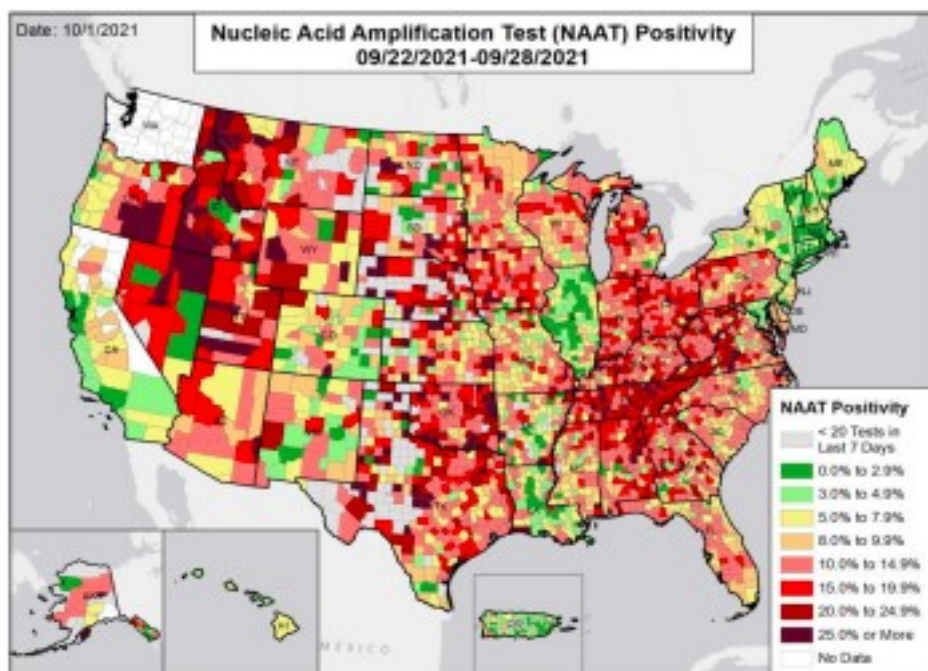
NATIONAL RANKING OF NAAT POSITIVITY

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

NUCLEIC ACID AMPLIFICATION TEST (NAAT) POSITIVITY IN THE WEEK:
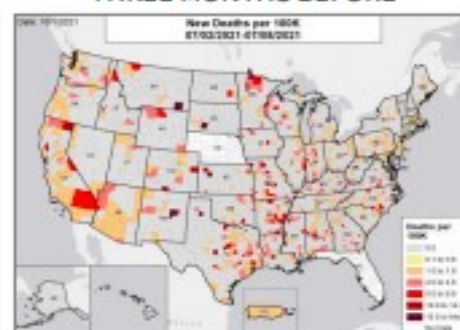
ONE MONTH BEFORE
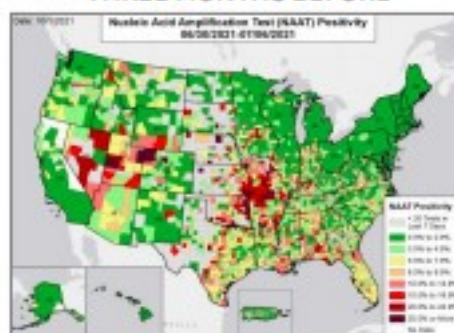
TWO MONTHS BEFORE

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 are through 9/28/2021. The week one month before is from 8/25 to 8/31; the week two months before is from 7/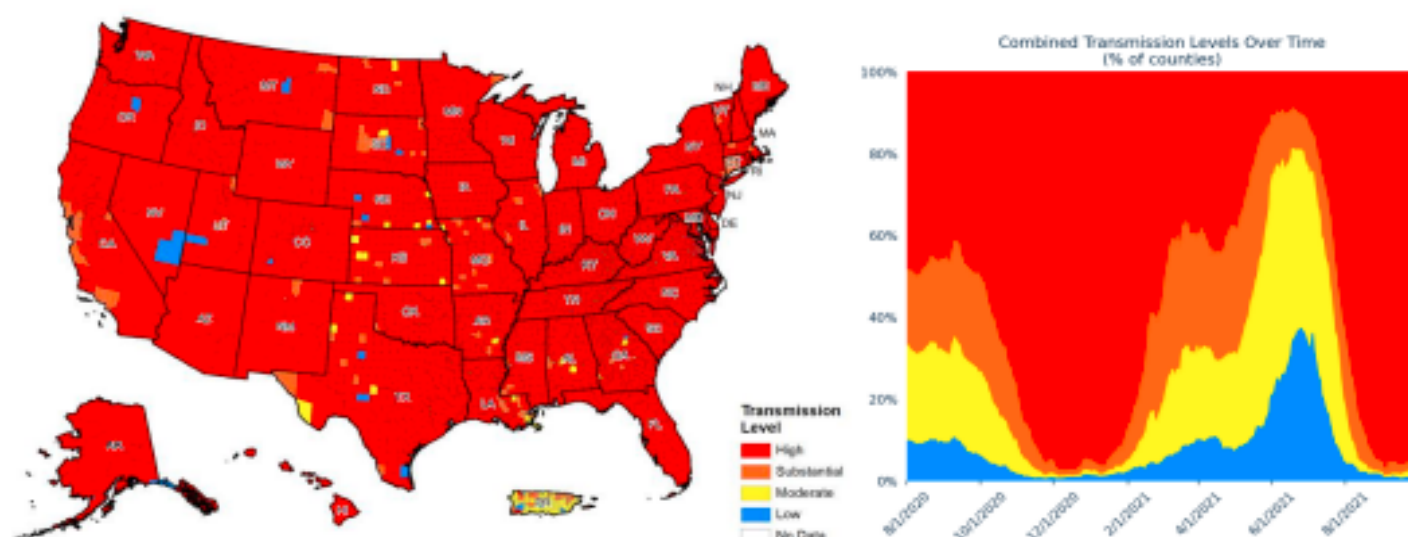28 to 8/3; the week three months before is from 6/30 to 7/6. Due to technical issues, Washington's test positivity cannot be calculated for the last week.
METHODS: Details available on last two pages of report.

🇺🇸 COVID-19

National Picture: Hospital Admissions

CONFIRMED NEW COVID-19 ADMISSIONS PER 100 INPATIENT BEDS

Date: 10/1/2021

New COVID-19 Admissions per 100 Inpatient Beds
09/23/2021-09/29/2021

COVID
Admissions
per 100 Beds
- 0.0 to 1.0
- 1.1 to 3.0
- 3.1 to 5.0
- 5.1 to 10.0
- 10.1 to 15.0
- 15.1 to 20.0
- 20.1 or More
- No Data

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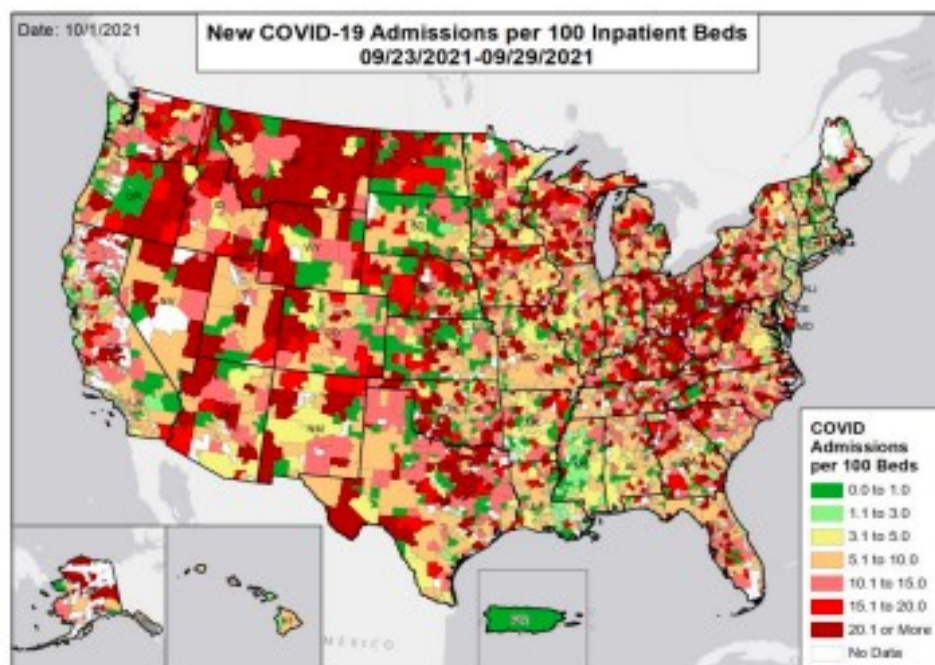
National Rank	State	National Rank	State
1	PR	27	VA
2	CT	28	PA
3	MA	29	NV
4	DC	30	NM
5	RI	31	NE
6	NJ	32	AZ
7	NY	33	IA
8	MS	34	IN
9	NH	35	FL
10	IL	36	NC
11	LA	37	TN
12	CA	38	CO
13	ME	39	UT
14	MO	40	ND
15	HI	41	TX
16	MD	42	OH
17	VT	43	SC
18	AL	44	AK
19	KS	45	WI
20	MI	46	WY
21	DE	47	WV
22	AR	48	GA
23	SD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

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

ONE MONTH BEFORE
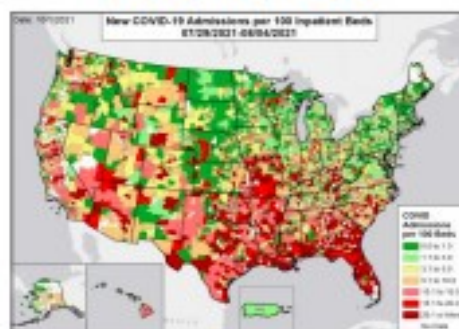
TWO MONTHS BEFORE

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 9/29/2021. 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 8/26 to 9/1; the week two months before is from 7/29 to 8/4; the week three months before is from 7/1 to 7/7.
METHODS: Details available on last two pages of report.

COVID-19

National Picture: Deaths

NEW DEATHS PER 100,000

Date: 10/1/2021

New Deaths per 100K
09/24/2021-09/30/2021

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
- No Data

NATIONAL RANKING OF NEW DEATHS PER 100,000

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

NEW DEATHS PER 100,000 IN THE WEEK:

ONE MONTH BEFORE

TWO MONTHS BEFORE

THREE MONTHS BEFORE

COVID-19

National Picture: Community Transmission

COMMUNITY TRANSMISSION BY COUNTY

Combined Transmission Levels Over Time
(% of counties)

Transmission Level
- High (red)
- Substantial (orange)
- Moderate (yellow)
- Low (blue)
- No Data (white)

COUNTIES BY COMMUNITY TRANSMISSION INDICATOR

CASES PER 100K	0 TO 9	10 TO 49	50 TO 99	100 +
# OF COUNTIES (CHANGE)	42 (↑2)	89 (↑29)	127 (↑35)	2962 (↓66)
% OF COUNTIES (CHANGE)	1.3% (↑0.1%)	2.8% (↑0.9%)	3.9% (↑1.1%)	92.0% (↓2.0%)
TEST POSITIVITY	0.0% TO 4.9%	5.0% TO 7.9%	8.0% TO 9.9%	10.0% +
# OF COUNTIES (CHANGE)	563 (↑146)	464 (↑11)	384 (↑19)	1809 (↓176)
% OF COUNTIES (CHANGE)	17.5% (↑4.5%)	14.4% (↑0.3%)	11.9% (↑0.6%)	56.2% (↓5.5%)

COUNTIES BY COMBINED TRANSMISSION LEVEL

CATEGORY	LOW TRANSMISSION BLUE	MODERATE TRANSMISSION YELLOW	SUBSTANTIAL TRANSMISSION ORANGE	HIGH TRANSMISSION RED
# OF COUNTIES (CHANGE)	23 (↑4)	81 (↑29)	113 (↑37)	3003 (↓70)
% OF COUNTIES (CHANGE)	0.7% (↑0.1%)	2.5% (↑0.9%)	3.5% (↑1.1%)	93.3% (↓2.2%)

DATA SOURCES
Maps and figures reflect 7-day average of data from 9/24-9/30 (cases), 9/22-9/28 (tests).
Note: Most recent days may have incomplete reporting.
Cases: County-level data are from a CDC managed aggregate county dataset compiled from state and local health departments; therefore, the values may not match those reported directly by the state Data are through 9/30/2021.
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 are through 9/28/2021. Due to technical issues, Washington's test positivity cannot be calculated for the last week.
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 10/9/2021			
Tests	**Cases**	**Hospitalizations**	**Deaths**
11,272,377	879,012	29,786	13,034

Two Week Cumulative Incidence Rate

The Two-Week Cumulative Incidence Rate includes new (confirmed & probable) cases reported in the past two weeks (9/26/2021 – 10/9/2021) 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

91.6%

COVID-19 Cases per Day
County Displayed:*

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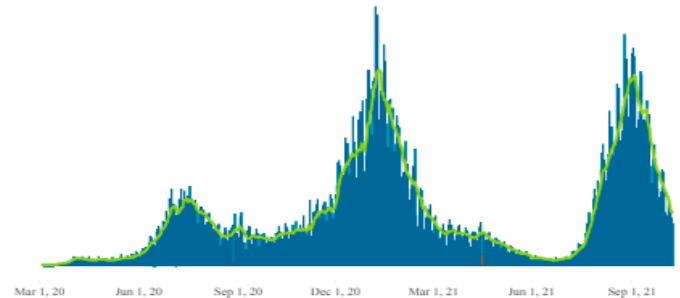
7-Day Moving Average of reported COVID-19 Cases, by Public Health Region

- Lowcountry
- Midlands
- Pee Dee
- Upstate
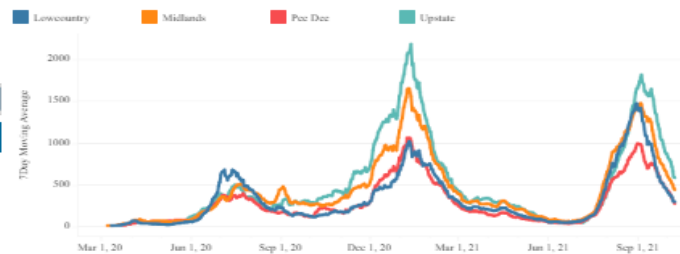
Tests	**Cases**	**Hospitalizations**	**Deaths**
77,464	7,034	346	140

Two Week Cumulative Incidence Rate

The Two-Week Cumulative Incidence Rate includes new (confirmed & probable) cases reported in the past two weeks (9/26/2021 – 10/9/2021) 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

91.6%

COVID-19 Cases per Day
County Displayed:Chesterfield

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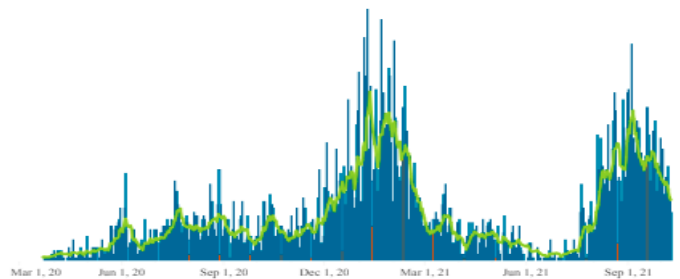
7-Day Moving Average of reported COVID-19 Cases, by Public Health Region
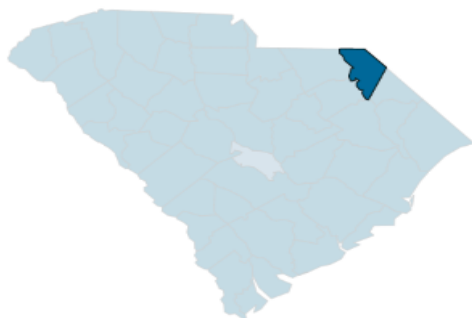
- Pee Dee

Tests	Cases	Hospitalizations	Deaths
131,725	11,720	573	223

Two Week Cumulative Incidence Rate

The Two-Week Cumulative Incidence Rate includes new (confirmed & probable) cases reported in the past two weeks (9/26/2021 - 10/9/2021) 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

91.6%

COVID-19 Cases per Day
County Displayed:Darlington

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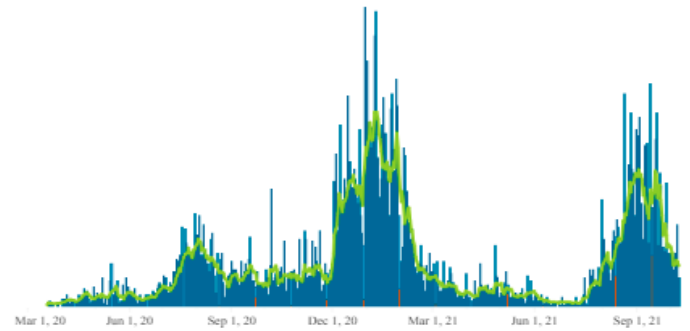
7-Day Moving Average of reported COVID-19 Cases, by Public Health Region

- Pee Dee

Tests	Cases	Hospitalizations	Deaths
65,825	6,312	311	111

Two Week Cumulative Incidence Rate

The Two-Week Cumulative Incidence Rate includes new (confirmed & probable) cases reported in the past two weeks (9/26/2021 - 10/9/2021) 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

91.6%

COVID-19 Cases per Day
County Displayed:Dillon

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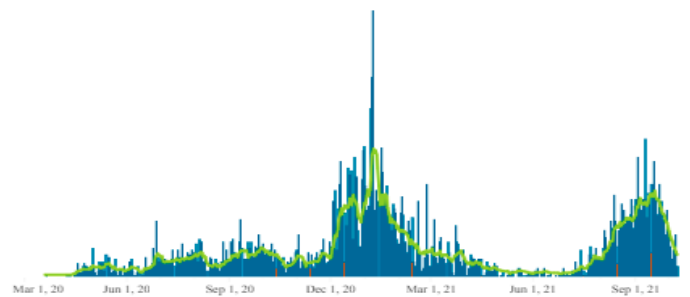
7-Day Moving Average of reported COVID-19 Cases, by Public Health Region

- Pee Dee

Tests	Cases	Hospitalizations	Deaths
38,463	2,489	160	74

Two Week Cumulative Incidence Rate

The Two-Week Cumulative Incidence Rate includes new (confirmed & probable) cases reported in the past two weeks (9/26/2021 - 10/9/2021) 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

91.6%

COVID-19 Cases per Day
County Displayed: Lee

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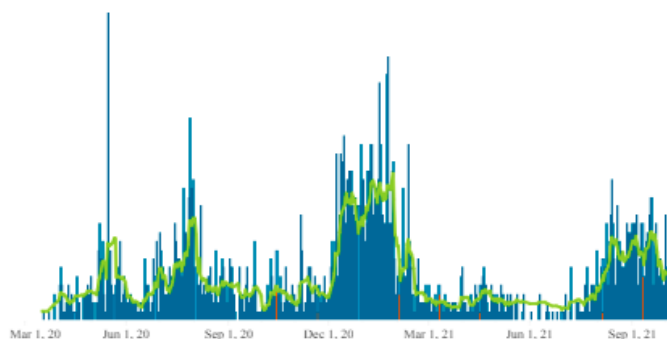
7-Day Moving Average of reported COVID-19 Cases, by Public Health Region

- Pee Dee

Tests	Cases	Hospitalizations	Deaths
55,316	4,725	258	77

Two Week Cumulative Incidence Rate

The Two-Week Cumulative Incidence Rate includes new (confirmed & probable) cases reported in the past two weeks (9/26/2021 - 10/9/2021) 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

91.6%

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
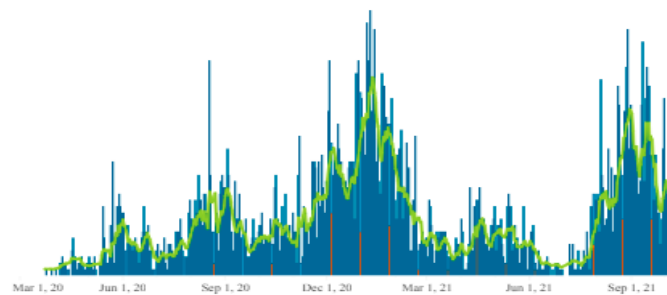
US Interventions Model (from Covid Act Now)

CNMI

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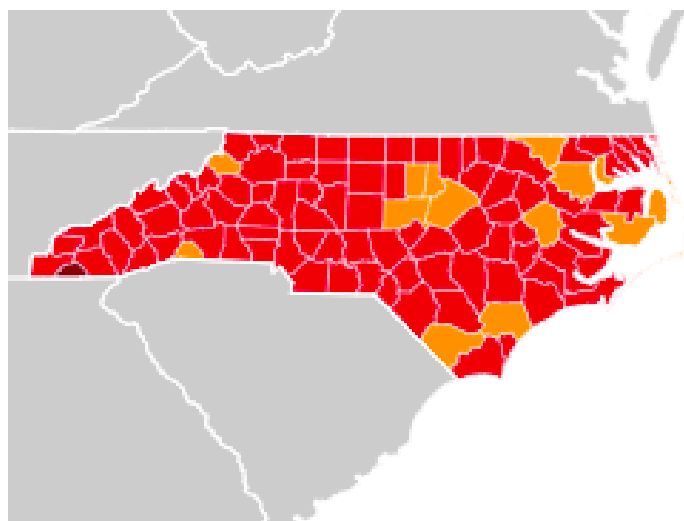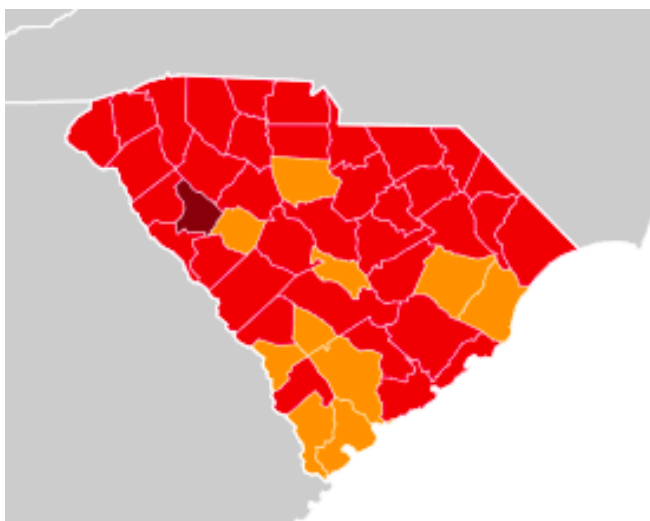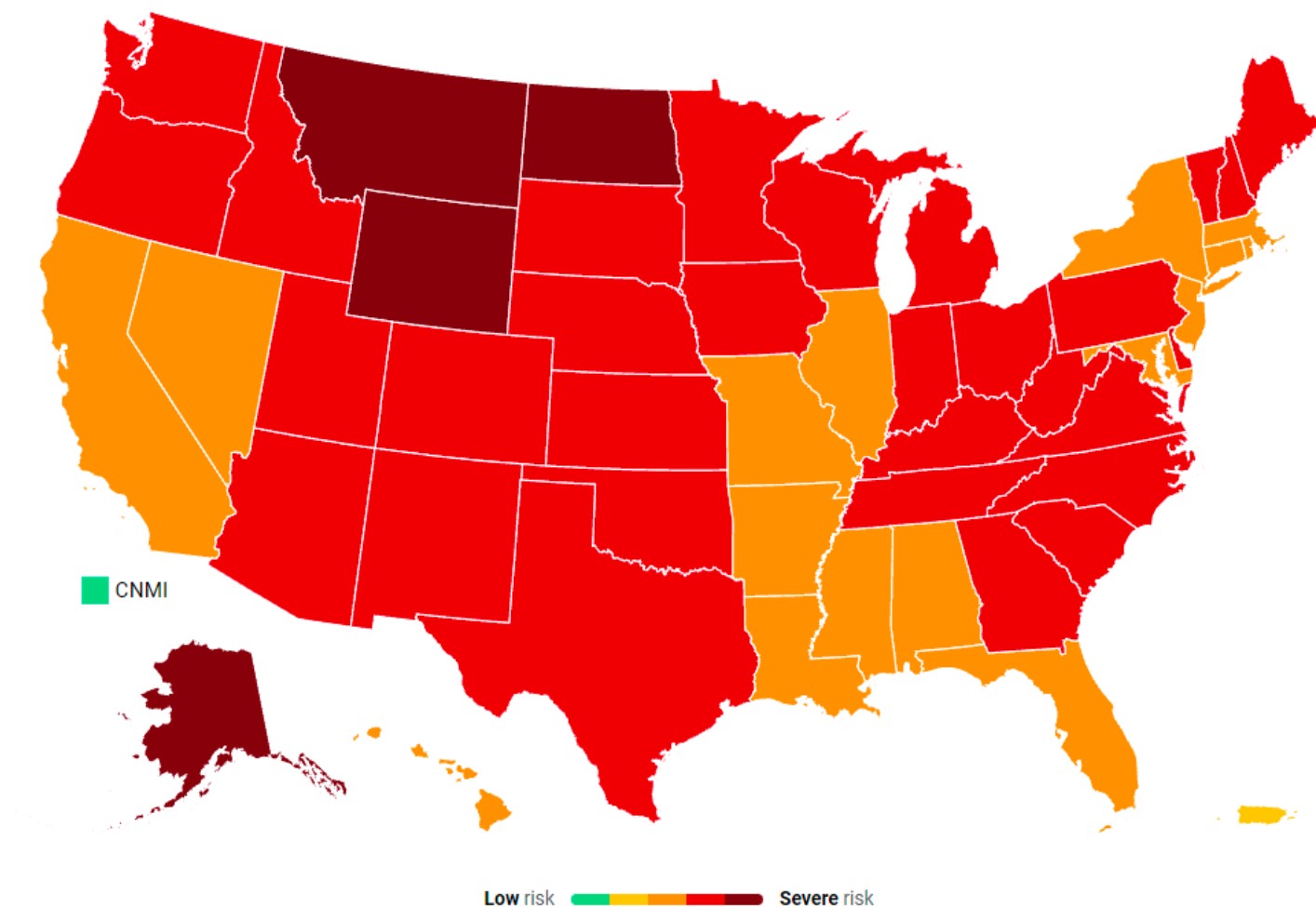
For more detailed information on a particular state or county, visit www.covidactnow.org.

South Carolina

Updated on October 11

Share ◁

Find a vaccine ⧉

RISK LEVEL ⓘ
● **VERY HIGH**

VACCINATION PROGRESS

Daily new cases >
● **37.9** PER 100K

Infection rate >
● **0.82**

Positive test rate >
● **7.6%**

% Vaccinated >
56.0% 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 October 11

Share ◁

Find a vaccine ⧉

RISK LEVEL ⓘ
● **VERY HIGH**

VACCINATION PROGRESS

Daily new cases >
● **55.7** PER 100K

Infection rate >
● **0.87**

Positive test rate >
● **13.3%**

% Vaccinated >
36.9% 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 October 11

Share ◁

Find a vaccine ⧉

RISK LEVEL ⓘ
● **VERY HIGH**

VACCINATION PROGRESS

Daily new cases >
● **32.2** PER 100K

Infection rate >
● **0.65**

Positive test rate >
● **7.5%**

% Vaccinated >
48.6% 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 October 11

Share

Find a vaccine

RISK LEVEL ⓘ

● **VERY HIGH**

VACCINATION PROGRESS
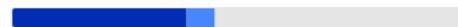
Daily new cases >	Infection rate >	Positive test rate >	% Vaccinated >
● **44.5** PER 100K	● **0.63**	● **9.0%**	**44.8%** 1+ DOSE

PAST 30 DAYS

Cases >   Hospitaliz... >   Deaths >

Get the latest news and alerts about this location.

Email address   **Get alerts**

Lee County, SC
Updated on October 11

Share

Find a vaccine

RISK LEVEL ⓘ

● **VERY HIGH**

VACCINATION PROGRESS

Daily new cases >	Infection rate >	Positive test rate >	% Vaccinated >
● **35.7** PER 100K	● **0.68**	● **4.0%**	**41.1%** 1+ DOSE

PAST 30 DAYS

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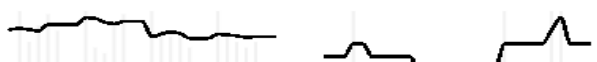
Get the latest news and alerts about this location.

Email address   **Get alerts**

Marlboro County, SC
Updated on October 11

Share

Find a vaccine

RISK LEVEL ⓘ

● **VERY HIGH**

VACCINATION PROGRESS
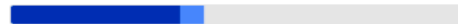
Daily new cases >	Infection rate >	Positive test rate >	% Vaccinated >
● **34.5** PER 100K	● **0.69**	● **7.9%**	**42.7%** 1+ DOSE

PAST 30 DAYS

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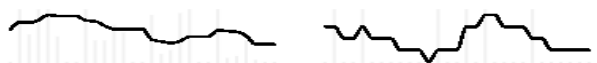
Get the latest news and alerts about this location.

Email address   **Get alerts**

IHME Model

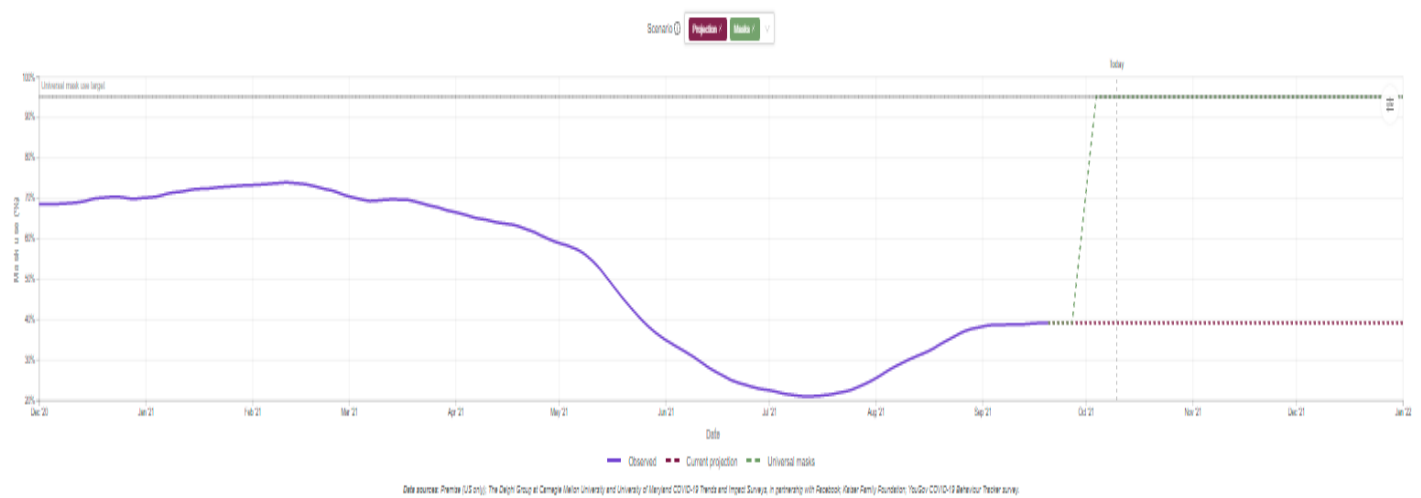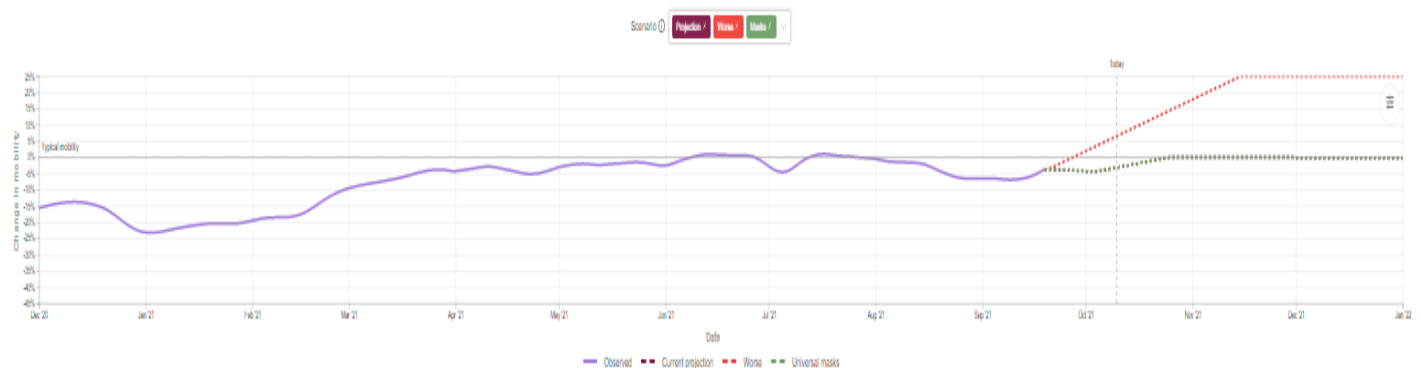## Daily infections and testing ⬈

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

Estimated infections | Confirmed infections | Tests

Scenario ⓘ | Projection ✗ | Worse ✗ | Masks ✗ | ⌄

Legend: •• Current projection •• Worse •• Universal masks
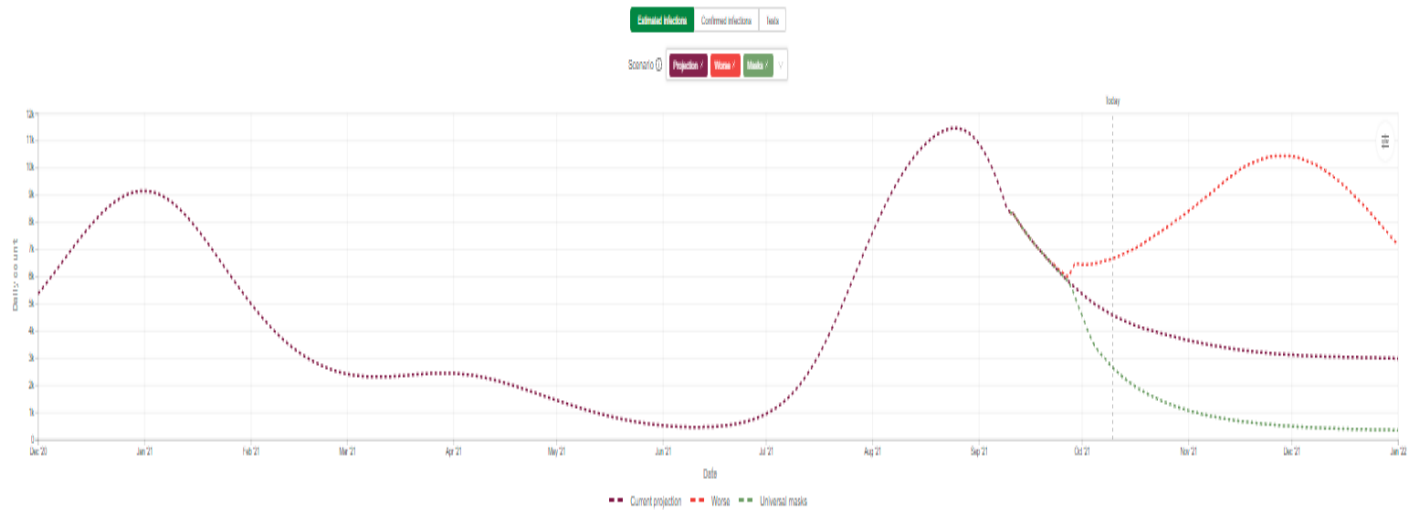
Mask use ⬈

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 ✗ | ⌄

Legend: — Observed •• Current projection •• Universal masks

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

Social distancing ⬈

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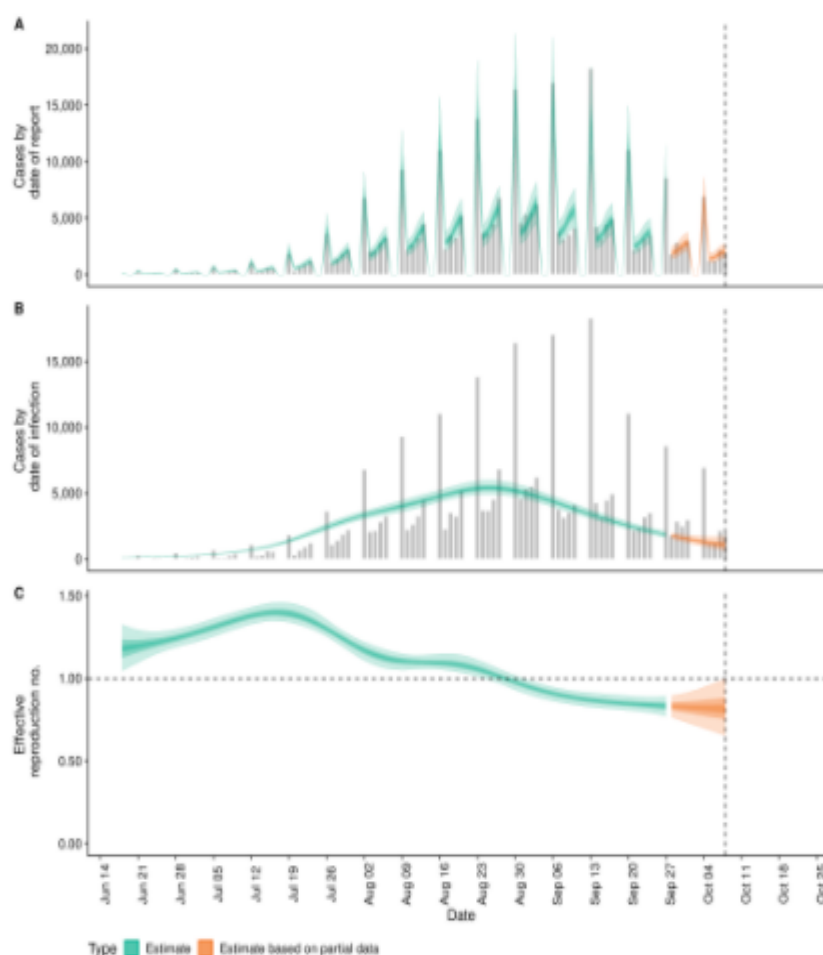
Scenario ⓘ | Projection ✗ | Worse ✗ | Masks ✗ | ⌄

Legend: — Observed •• Current projection •• Worse •• Universal masks

SC Reproduction Number Estimate

Summary (estimates as of the 2021-10-08)

Table 1: Latest estimates (as of the 2021-10-08) 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	1064 (650 – 1697)
Expected change in daily cases	Decreasing
Effective reproduction no.	0.82 (0.65 – 0.99)
Rate of growth	-0.052 (-0.1 – -0.0016)
Doubling/halving time (days)	-13 (-440 – -6.9)

Confirmed cases, their estimated date of report, date of infection, and time-varying reproduction number estimates
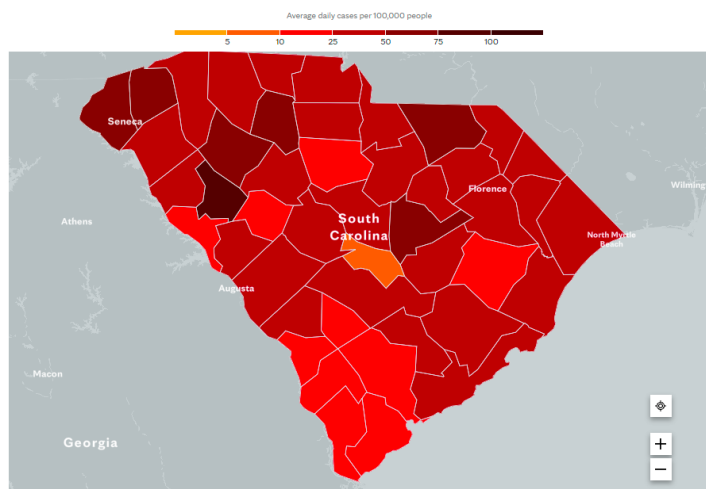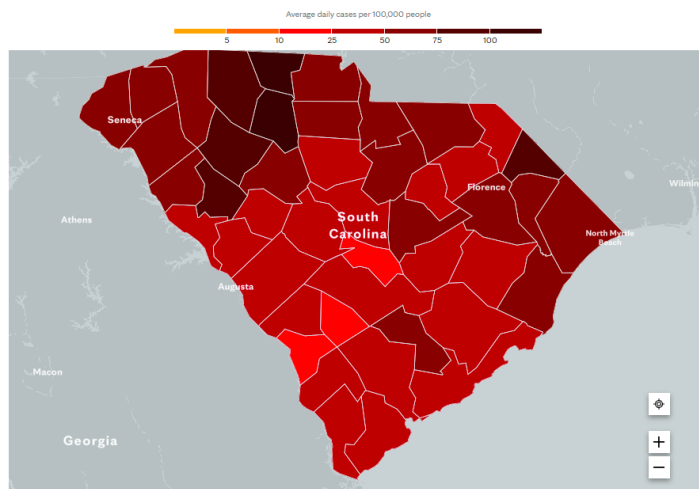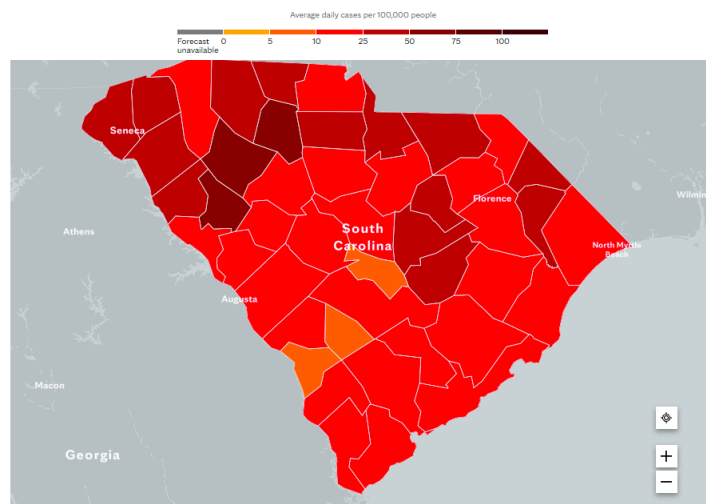
Mayo Clinic Covid Tracker
Rate of New Cases

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/