Weekly Covid-19 Data Digest



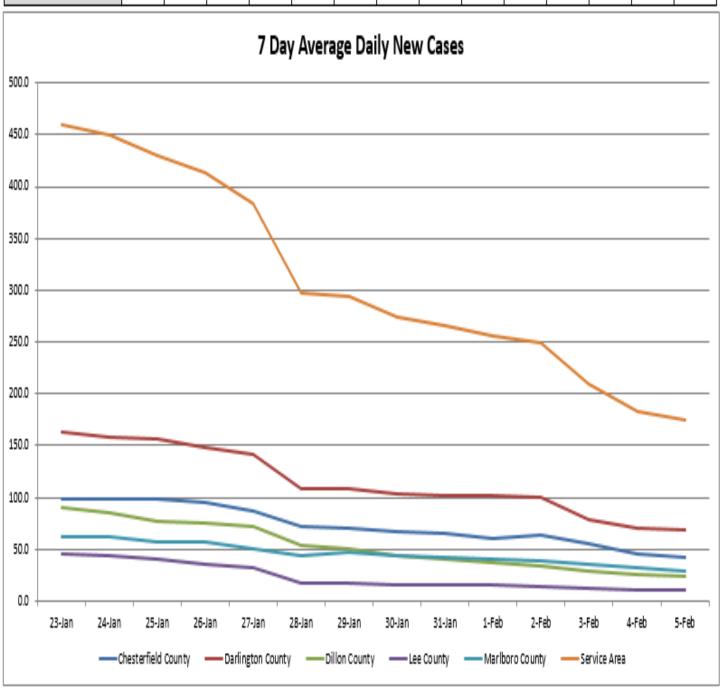
February 8, 2022

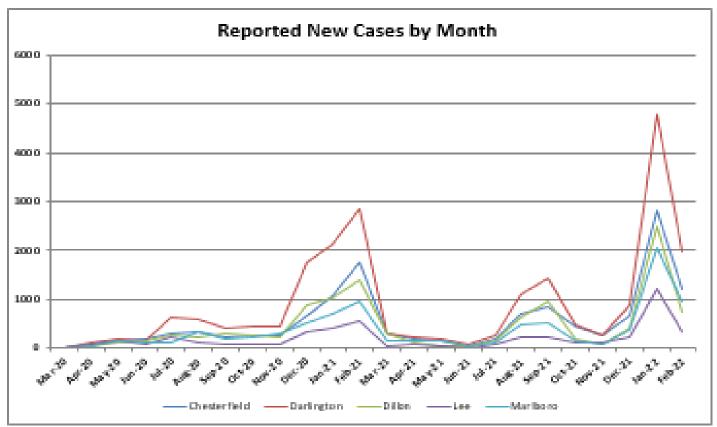
Table of Contents

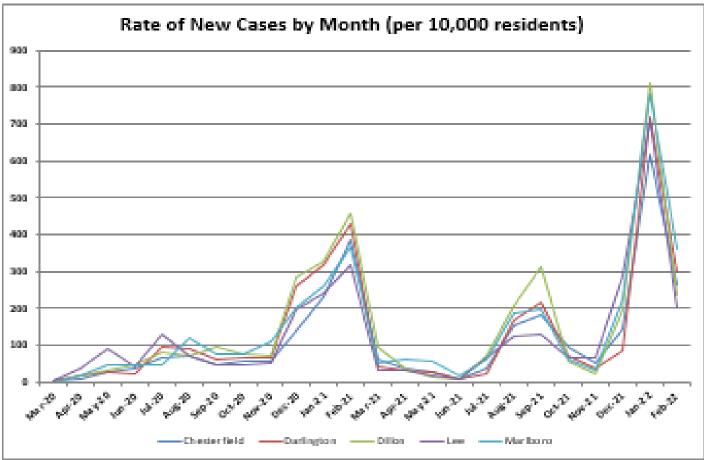
Local Data	Page 1	IHME Model	Page 27
Rankings/Risk Factors	Page 7	Reproduction Number Estimate	Page 29
CDC Information	Page 8	Healthcare Activity Data	Page 30
DHEC Information	Page 21	Resources	Page 30
US Interventions Model	Page 24		

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)														
	23-Jan	24-Jan	25-Jan	26-Jan	27-Jan	28-Jan	29-Jan	30-Jan	31-Jan	1-Feb	2-Feb	3-Feb	4-Feb	5-Feb
Chesterfield County	69	54	68	72	78	104	52	37	48	38	84	27	35	32
Darlington County	90	77	76	116	211	103	88	57	66	74	99	59	52	69
Dillon County	68	39	47	57	63	53	24	24	15	22	35	30	27	14
Lee County	11	14	15	17	28	25	13	4	8	12	13	12	8	16
Marlboro County	27	35	61	58	66	47	31	9	23	48	46	40	24	11
Service Area	265	219	267	320	446	332	208	131	160	194	277	168	146	142





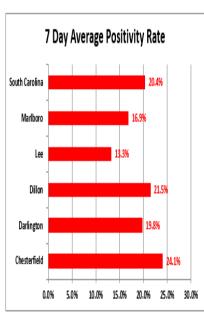


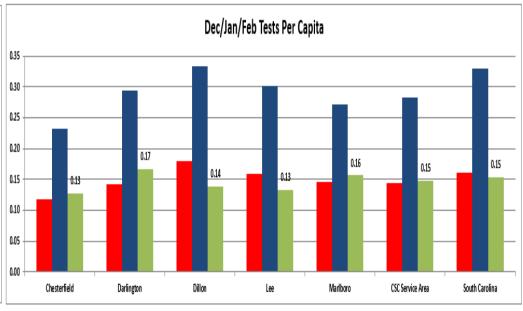
MOTE: Incomplete month proreted for comparison perpares

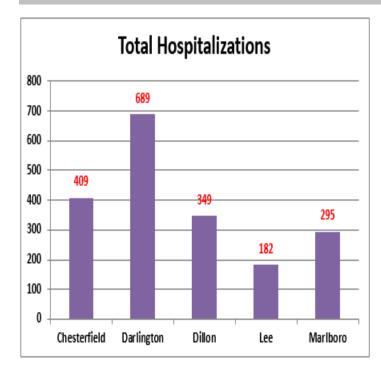
COVID-19 TOTAL CUMULATIVE CASES COMPARISON DATA (as of February 5, 2022)

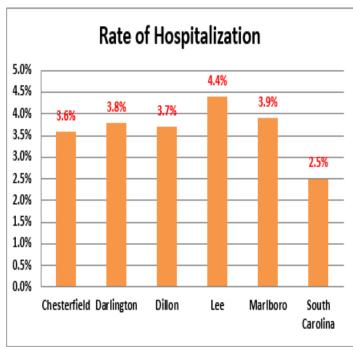
			Daily	Cases Per	Rate Exce	eds:	
Geographic Unit	Population	Cases	New Cases	100 Pop.	State*	Nation	World
Anson County, NC	22,055	6,248	14	28.33	Yes	Yes	Yes
Chesterfield County	43,273	11,308	32	26.13	No	Yes	Yes
Columbus County, NC	50,623	15,326	24	30.27	Yes	Yes	Yes
Darlington County	62,905	18,327	69	29.13	Yes	Yes	Yes
Dillon County	28,292	9,487	14	33.53	Yes	Yes	Yes
Florence County	137,059	40,488	69	29.54	Yes	Yes	Yes
Horry County	351,029	93,115	233	26.53	No	Yes	Yes
Kershaw County	65,403	20,292	72	31.03	Yes	Yes	Yes
Lancaster County	96,016	23,928	86	24.92	No	Yes	Yes
Lee County	16,531	4,146	16	25.08	No	Yes	Yes
Marion County	29,183	8,360	12	28.65	Yes	Yes	Yes
Marlboro County	26,667	7,558	11	28.34	Yes	Yes	Yes
Richmond County, NC	42,946	12,068	27	28.10	Yes	Yes	Yes
Robeson County, NC	116,530	38,761	53	33.26	Yes	Yes	Yes
Scotland County, NC	34,174	9,641	8	28.21	Yes	Yes	Yes
Sumter County	105,556	26,707	145	25.30	No	Yes	Yes
Union County, NC	238,267	59,101	86	24.80	Yes	Yes	Yes
South Carolina	5,118,425	1,421,539	3,369	27.77	N/A	Yes	Yes
North Carolina	10,439,388	2,494,309	4,727	23.89	N/A	No	Yes
United States	331,449,281	76,246,964	289,747	23.00	N/A	N/A	Yes
World	7,621,018,958	397,316,120	2,324,055	5.21	N/A	N/A	N/A

^{*} Compared to state in which county is located









Pee Dee Hospital Utilization						
	Covid	ICU	Covid	Percent		
County	Patients	Covid Pts.	Pts. Vent.	Occupied		
Chesterfield	14	4	2	89.6%		
Clarendon	14	3	1	65.3%		
Darlington	26	7	7	58.4%		
Dillon	7	2	1	75.0%		
Florence	164	45	31	88.3%		
Georgetown	52	11	6	93.6%		
Horry	161	44	19	84.6%		
Marion	10	2	1	90.6%		
Sumter	38	5	5	77.8%		
Williamsburg	4	2	0	72.2%		
Total	490	125	73	85.0%		

Note: Data as reported by DHEC as of 2/6/22

Long Term Care Facility Cases Within Past 30 Days					
County	Facility Residents		Staff		
Chesterfield	Cheraw Healthcare	0	3		
Chesterfield	Pageland Care Facility	1	0		
Chesterfield	Palmetto Ridge Assisted Living	9	0		
Darlington	Bethea Baptist Health Care Center	2	5		
Darlington	Carriage House Senior Living	7	3		
Darlington	Medford Nursing Center	0	2		
Darlington	Morningside of Hartsville	0	1		
Darlington	Morrell Nursing Center	2	0		
Darlington	Oakhaven Nursing Center	1	1		
Dillon	Burgess Residental Care #4	6	1		
Dillon	Carlyle Senior Care of Fork	6	10		
Dillon	Pruitt Health - Dillon	3	0		
Lee	Cottonwood Villas	4	1		
Lee	McCoy Memorial Nursing Center	5	3		
Marlboro	BTU Rest Home	34	7		
Marlboro	Dundee Manor	23	9		
* as reported by DHEC as of 1/31/22					

Schools Wil	th Cases Within Past Y	řeek	
Causty	School	Students	Faculty
Charterfield	Control High	15	< 5
Charterfield	Cherau High	13	.5
Charterfield	Chorau Intormodiato	5	ج>
Charterfield	Chorau Primary	7	45
Charterfield	Charterfield High	11	0
Charterfield	Charterfield-Ruby Middle	7	د5.
Charterfield	Edwardr Elementary	21	< 5
Charterfield	Faith Christian	∢5	ج>
Charterfield	Jofforson Elomontary	21	ج>
Charterfield	Long Middle	∢5	0
Charterfield	McBee Elementary	9	ج,
Charterfield	McBoo High	21	ج-
Charterfield	Neu Height: Middle	9	< 5
Charterfield	Pageland Elementary	9	0
Charterfield	Potorsburg Primary	13	Ö
Charterfield	Plainvieu Elementary	7	ج-
Charterfield	Ruby Elomontary	.5	<5
Darlington	Bay Road Elementary	13	5
Darlington	Brackington Elementary	.5	0
Darlington	Carolina Elementary	9	ŏ
Darlington	Darlington County Inst. of Tool	ó	45
Darlington	Darlington High	11	5
Darlington	Darlington Middle	13	- 45
Darlington	Emmanuel Christian	13	45
Darlington	Hartrville High	18	5
Darlington	Hartroille Middle	5	0
Darlington	J.L. Cain Elementary	9	45
Darlington	Lamar High	5	0
Darlington	Lamar-Spaulding Elomontary	6	45
Darlington	Mayo High	12	0
Darlington	North Hartrville Elementary	*	ő
Darlington	Pate Elementary	5	45
Darlington	Rarenuald Elementary/Middle		₹5
Darlington	Southride Early Childhood Cer	6	45
Darlington	Spaulding Middle	- ₹5	0
Darlington	St. John's Elementary	14	45
Darlington	Thomas Hart Academy	- 17	45
Darlington	Thornwell School for the Arts	45	0
Darlington	Trinity Collegiate	*	- 45
Dillon	Dillon County Applied Tech Ce	*	45
Dillan	Dillon High	- ₹5	0
Dillon	Dillon Middle	17	45
Dillan	Lake View Elementary	5	45
Dillen	Lake View High	6	<5
Dillan	South Elementary	رة.	0
Dillan	Stowart Hoights Elomontary	9	- 45
		*	<5
Loo Mariboro	Loo Control High	.5	<5 <5
Mariboro	Bonnottrvillo Intormodiato	13	45 45
	Bonnottrvillo Primary Blonhoim Middlo	13	0
Mariboro Mariboro		- 6	0
	Clip Elomontary	20	0
Mariboro	Marlboro County High	9	,5
Mariboro	Wallaco Elomontary/Middlo	. 9	<5
	by DHEC == 2/2/22		
- Mate: all se	bank did ant submitted	reports.	

DHEC Reported Vaccine Recipients by Zip Code (as of 2/5/22 at 11:59PM)

Chesterfield County					
Zip	Town	Recipients	% of Pop		
29520	Cheraw	6807	51.5%		
29709	Chesterfield	2894	47.3%		
29718	Jefferson	1390	35.0%		
29101	McBee	1244	45.7%		
29727	Mt.Croghan	586	34.6%		
29728	Pageland	3308	37.9%		
29584	Patrick	1075	49.8%		
29741	Ruby	774	32.3%		
Unknown	or OOC Zip Code	966	N/A		
County Total		19044	44.2%		

Darlington County					
Zip	Town	Recipients	% of Pop		
29532	Darlington	10444	53.3%		
29540	Darlington	3057	69.9%		
29550	Hartsville	18549	60.6%		
29069	Lamar	2473	57.2%		
29593	Society Hill	781	49.8%		
Unknown or OOC Zip Code		2734	N/A		
County Total		38038	60.6%		

Dillon County					
Zip	Town	Recipients	% of Pop		
29536	Dillon	7628	38.2%		
29543	Fork	358	55.8%		
29547	Hamer	1226	43.5%		
29563	Lake View	1337	63.2%		
29565	Latta	3084	46.5%		
29567	Little Rock	376	94.2%		
Unknown	or OOC Zip Code	624	N/A		
County To	tal	14633	51.4%		

Lee County					
Zip	Town	Recipients	% of Pop		
29010	Bishopville	5989	52.9%		
29080	Lynchburg	891	33.4%		
Unknown or OOC Zip Code		1769	N/A		
County Total		8649	54.1%		

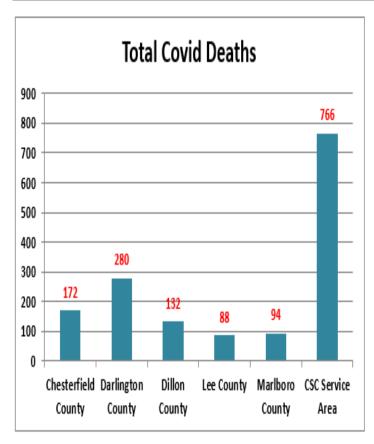
% less than SC average	
% equal to or greater than SC average	

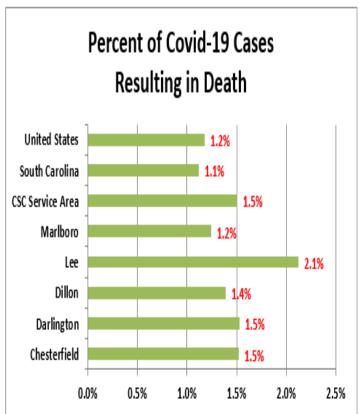
Marlboro County					
Zip	Town	Recipients	% of Pop		
29512	Bennettsville	7498	45.5%		
29516	Blenheim	373	41.9%		
29525	Clio	921	49.1%		
29570	McColl	1241	37.1%		
29596	Wallace	992	50.0%		
Unknown or OOC Zip Code		109	N/A		
County Total		11134	45.0%		

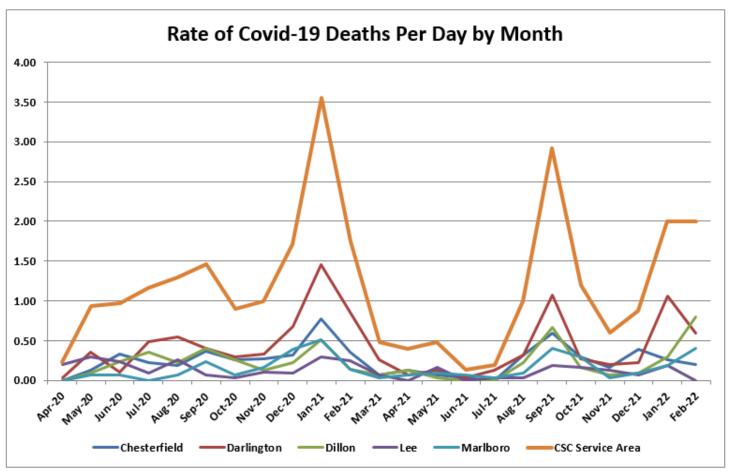
Zip Codes with Highest % of Recipients			
Rank	Town	Zip	% of Pop
1	Little Rock	29567	94.2%
2	Darlington	29540	69.9%
3	Lake View	29563	63.2%
4	Hartsville	29550	60.6%
5	Lamar	29069	57.2%
6	Fork	29543	55.8%
7	Darlington	29532	53.3%
8	Bishopville	29101	52.9%
9	Cheraw	29520	51.5%
10	Wallace	29596	50.0%

Zip Codes with Lowest % of Recipients			
Rank	Town	Zip	% of Pop
1	Ruby	29741	32.3%
2	Lynchburg	29741	33.4%
3	Mt. Croghan	29727	34.6%
4	Jefferson	29718	35.0%
5	McColl	29570	37.1%
6	Pageland	29728	37.9%
7	Dillon	29536	38.2%
8	Blenheim	29516	41.9%
9	Hamer	29547	43.5%
10	Bennettsville	29512	45.5%

Counties Ranked by Recipients % of Pop.			
Rank	County	Recipients	% of Pop
1	Darlington	38038	60.6%
2	Lee	8649	54.1%
3	Dillon	14633	51.4%
4	Marlboro	11134	45.0%
5	Chesterfield	19044	44.4%
CSC Service Area 914		91498	52.3%







Rankings/ Risk Factors

Harvard Global Health Institute Risk Levels			
County Risk Level SC Rank* US Rank**			US Rank**
Marlboro County	Red	6	404
Darlington County	Red	8	433
Chesterfield County	Red	9	443
Dillon County	Red	19	632
Lee County	Red	41	1502
* out of 46 counties ** out of 3142 counties or equivalents			

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

CDC County Alert Zones	
County Transmission Lev	
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	72	
Marlboro County	75	
Lee County	99	
Chesterfield County	121	
Darlington County 201		
* out of 3142 counties or equivalents		

Vaccine Recipient Rate SC Rank		
County Rank*		
Darlington County	25	
Lee County	35	
Dillon County	40	
Marlboro County	44	
Chesterfield County	45	
* out of 46 counties (age 12 & older)		

Cumulative Case Rate State Rank		
County Rank*		
Dillon County	6	
Marlboro County	29	
Lee County	33	
Darlington County	36	
Chesterfield County	45	
* out of 46 counties		

Cuebiq Mobility Index	
Chesterfield County	4.2
Darlington County	4.1
Dillon County	4.0
Lee County	4.4
Marlboro County	4.1
South Carolina	4.0
United States	3.9
* Lower # equates to less mobility	

CDC Information:



STATE PROFILE REPORT 01.28.2022

SOUTH CAROLINA

STATE SYNOPSIS

RATE OF NEW COVID-19 CASES PER 100,000

NUCLEIC ACID AMPLIFICATION TEST (NAAT) POSITIVITY RATE

NEW CONFIRMED COVID-19 HOSPITAL ADMISSIONS / 100 BEDS

RATE OF NEW COVID-19 DEATHS PER 100,000

COMMUNITY TRANSMISSION LEVEL

PEOPLE RECEIVED AT LEAST 1 DOSE

PEOPLE 5-11 RECEIVED AT LEAST 1 DOSE

PEOPLE 12+ RECEIVED AT LEAST 1 DOSE

PEOPLE FULLY VACCINATED

PEOPLE 12+ FULLY VACCINATED

PEOPLE 65+ RECEIVED BOOSTER

LAST WEEK	CHANGE FROM
LAST WEEK	PREVIOUS WEEK

1,677	-25%
34.3%	+3.2%
27.7	+7%
2.4 -26%	
HIGH TRANSMISSION	

3,376,666 people	65.6% of total pop.
81,307 people	18.6% of 5-11 pop.
3,293,996 people	74.5% of 12+ pop.

3,293,996 people 74.5% of 12+ pop. 2,821,686 people 54.8% of total pop.

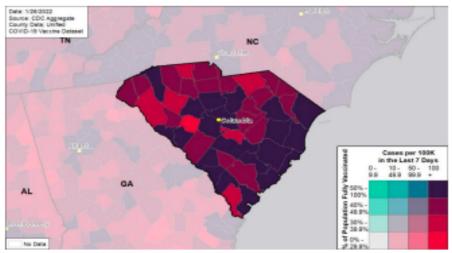
2,768,278 people 62.6% of 12+ pop. 477,612 people 59.4% of fully

59.4% of fully vaccinated 65+ pop.

SARS-CoV-2 Variants of Concern

In the 4 weeks ending 1/1/2022, the following proportions of variants of concern were identified in <u>South Carolina</u>: Delta (B.1.617.2, AY.*) 31.2%, Omicron (B.1.1.529, BA.*) 67.6%

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



Starting 11/1/21, several states shifted to the use of report date; this change may result in fluctuations of weekly values and/or week-on-week changes.

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/dex/ContactUs/Form.



COVID-19

STATE PROFILE REPORT | 01.28.2022

STATE, % CHANGE

	STATE	FROM PREVIOUS WEEK	FEMA/HHS REGION	UNITED STATES
NEW COVID-19 CASES (RATE PER 100,000)	86,319 (1,677)	-25%	859,611 (1,285)	4,044,241 (1,218)
NUCLEIC ACID AMPLIFICATION TEST (NAAT) POSITIVITY RATE	34.3%	+3.2%*	31.7%	23.4%
TOTAL NAAT VOLUME (TESTS PER 100,000)	356,115** (6,917**)	-9%**	2,400,645** (3,588**)	14,995,406** (4,517**)
NEW COVID-19 DEATHS (RATE PER 100,000)	125 (2.4)	-26%	1,851 (2.8)	16,100 (4.8)
CONFIRMED NEW COVID-19 HOSPITAL ADMISSIONS (RATE PER 100 BEDS)	2,878 (27.7)	+8% (+7%)	33,216 (21.5)	133,143 (19.1)
NUMBER OF HOSPITALS WITH SUPPLY SHORTAGES (PERCENT)	9 (13%)	+12%	42 (4%)	266 (5%)
PEOPLE 5-11 INITIATING VACCINATION (PERCENT OF POPULATION)	2,828 (0.6%)	-37.4%	40,874 (0.7%)	338,935 (1.2%)
PEOPLE 12+ INITIATING VACCINATION (PERCENT OF POPULATION)	13,220 (0.3%)	-77.7%	196,844 (0.3%)	N/A
PEOPLE 12-17 INITIATING VACCINATION (PERCENT OF POPULATION)	1,579 (0.4%)	-69.7%	20,886 (0.4%)	102,686 (0.4%)
PEOPLE 18+ INITIATING VACCINATION (PERCENT OF POPULATION)	11,641 (0.3%)	-78.5%	175,958 (0.3%)	N/A
PEOPLE 65+ RECEIVING BOOSTER DOSE	5,874	-21.8%	89,233	748,789

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 1/27/2022; previous week is from 1/14 to 1/20.

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 1/25/2022; previous week is from 1/12 to 1/18. Test volume through 1/21/2022; previous week is from 1/8 to 1/14.

Admissions: Unified Hospitals Dataset in HHS Protect. Data are through 1/26, previous week is from 1/13 to 1/19.

Shortages: Unified Hospitals Dataset in HHS Protect. Values presented show the latest reports from hospitals in the week ending 1/26/2022 for staffing and the week ending 1/26/2022 for

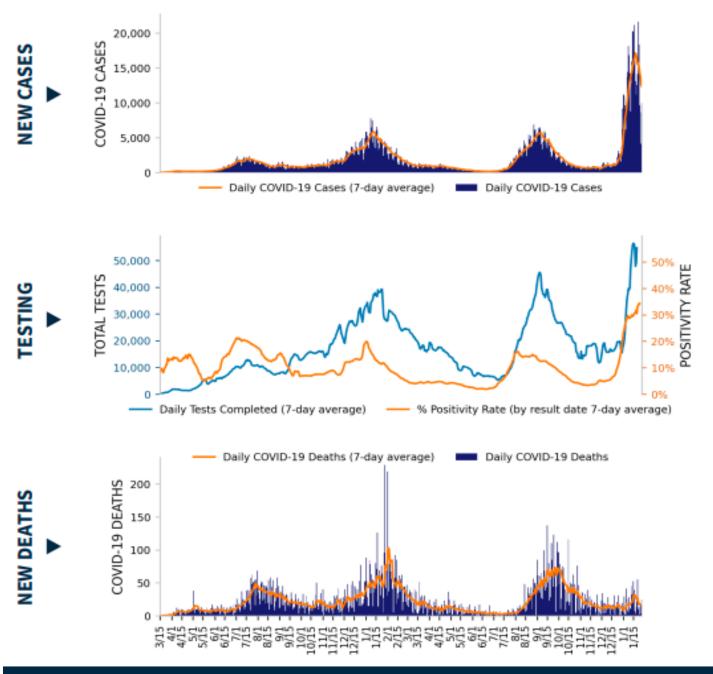
, Data includes the Moderna, Pfizer BioNTech, and J&J/Janssen COVID-19 vaccines and reflects current data available as of 12:52 EST on 01/28/2022. Data last updated 06:00 EST on 01/28/2022. People initiating vaccination include those who have received the first dose of the Moderna or Pfizer-BioNTech 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. On 1/27/2022, California issued a correction to their vaccination data, resulting in negative values for people ages 12+ and 18+ initiating vaccination nationally. METHODS: Details available on last two pages of report.

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.



STATE PROFILE REPORT | 01.28.2022



DATA SOURCES

Note: Some dates may have incomplete data due to delays in reporting. Data may be backfilled over time, resulting in week-to-week changes. 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 1/27/2022.

Testing: CELR (COVID-19 Electronic Lab Reporting) state health department-reported data. Test positivity through 1/25/2022. Test volume through 1/21/2022. METHODS: Details available on last two pages of report.



STATE PROFILE REPORT | 01.28.2022

STATE VACCINATION SUMMARY

DOSES DELIVERED

9,594,855 186,354 per 100k

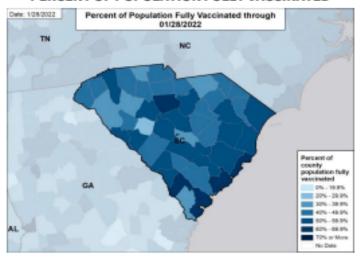
DOSES ADMINISTERED

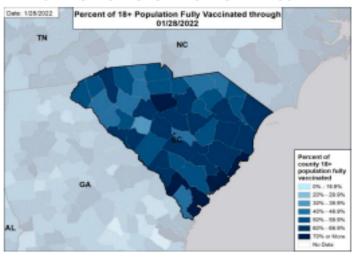
7,059,875 137,119 per 100k

	RECEIVED AT	FULLY	RECEIVED
	LEAST ONE DOSE	VACCINATED	BOOSTER DOSE
ALL PEOPLE	3,376,666	2,821,686	1,032,138
	65.6% of total population	54.8% of total population	36.6% of fully vaccinated total pop
PEOPLE 5-11	81,307 18.6% of 5-11 population	52,859 12.1% of 5-11 population	N/A
PEOPLE 12-17	190,340	157,816	17,162
	49.8% of 12-17 population	41.3% of 12-17 population	10.9% of fully vaccinated 12-17 pop
PEOPLE 18+	3,103,656	2,610,462	1,014,951
	76.9% of 18+ population	64.7% of 18+ population	38.9% of fully vaccinated 18+ pop
PEOPLE 65+	943,712	804,474	477,612
	95.0% of 65+ population	85.9% of 65+ population	59.4% of fully vaccinated 65+ pop

PERCENT OF POPULATION FULLY VACCINATED

PERCENT OF 18+ POPULATION FULLY VACCINATED





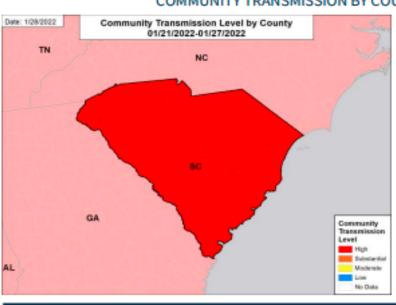
DATA SOURCES

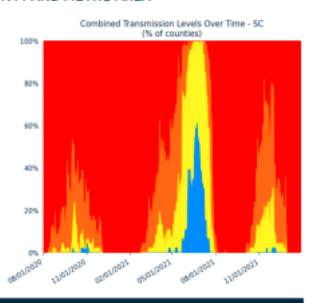
County reporting completeness for South Carolina is 93.1%.

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 12:52 EST on 01/28/2022. Data last updated 06:00 EST on 01/28/2022. Persons who are fully vaccinated include those who have received both doses of the Moderna or Pfizer-BioNTech vaccine as well as those who have received one dose of the J&J/Janssen vaccine.

METHODS: Details available on last two pages of report.

STATE PROFILE REPORT | 01.28.2022 COMMUNITY TRANSMISSION BY COUNTY AND METRO AREA





COUNTIES AND METRO AREAS BY COMBINED TRANSMISSION LEVEL

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

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

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

DATA SOURCES

Maps and figures reflect 7-day average of data from 1/21-1/27 (cases), 1/19-1/25 (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 1/27/2022.

Testing: CELR (COVID-19 Electronic Lab Reporting) state health department-reported data. Data are through 1/25/2022.

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.

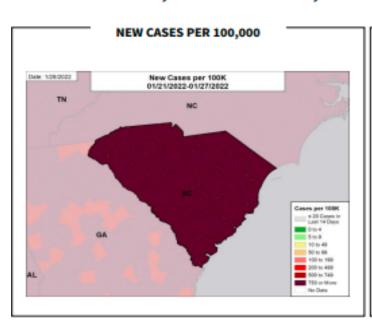
METHODS: Details available on last two pages of report.

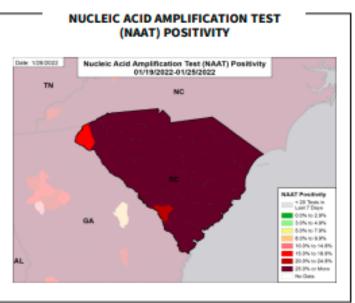
COVID-19

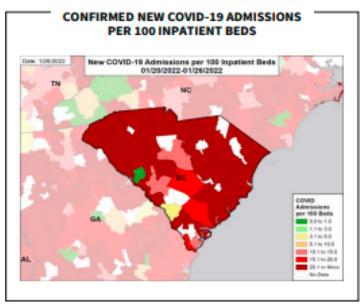
SOUTH CAROLINA

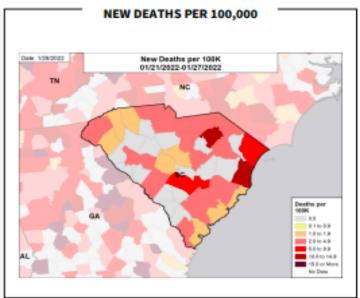
STATE PROFILE REPORT | 01.28.2022

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









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

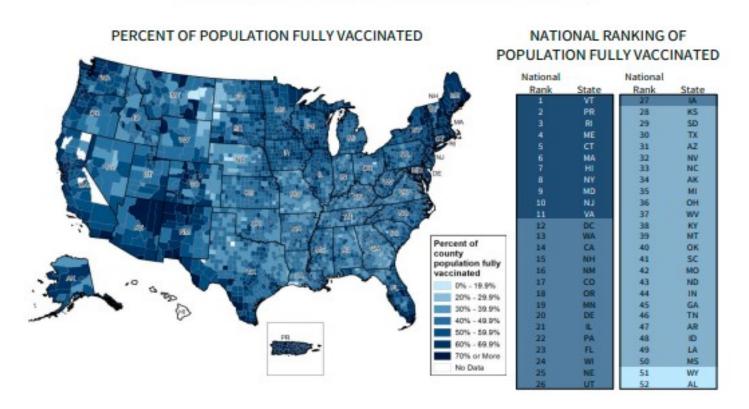
Cases and Deaths: County-level data are from a CDC managed aggregate county dataset compiled from state and local health departments; therefore, the values may not match those reported directly by the state. Data are through 1/27/2022.

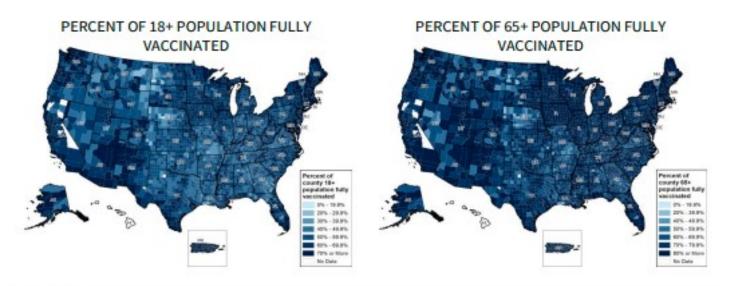
Testings CSL0 (COUNTY 10.7)

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 1/25/2022.

Hospitalizations: Unified Hospitals Dataset in HHS Protect. Totals include only confirmed COVID-19 admissions. HSA indicates Hospital Service Area. Hospitals are assigned to HSA based on zip code where known. In some areas, reports are aggregates of multiple facilities that cross HSA boundaries; in these cases, values are assigned based on the zip code for the aggregate. Data are through 1/26/2022. METHODS: Details available on last two pages of report.

National Picture: Vaccinations





DATA SOURCES

Vaccinations: GDC COVID-19 vaccines. Data includes the Modema, Pfizer BioNTech, and J&J/Janssen COVID-19 vaccines and reflects current data available as of 12:52 EST on 01/28/2022. Data last updated 06:00 EST on 01/28/2022. Persons who are fully vaccinated include those who have received both doses of the Moderna or Pfizer-BioNTech vaccine as well as those who have received one dose of the J&J/Janssen vaccine. The following states have 880% completeness reporting vaccinations by county, which may result in underestimates of vaccination data for counties: VA (80%), VT (74%), and HI (0%). Idaho provides vaccine data only for vaccine recipients who are 18 years and older, in line with state laws. COVID-19 vaccination administration data are unavailable for the Idaho population aged less than 18 years.

METHODS: Details available on last two pages of report.

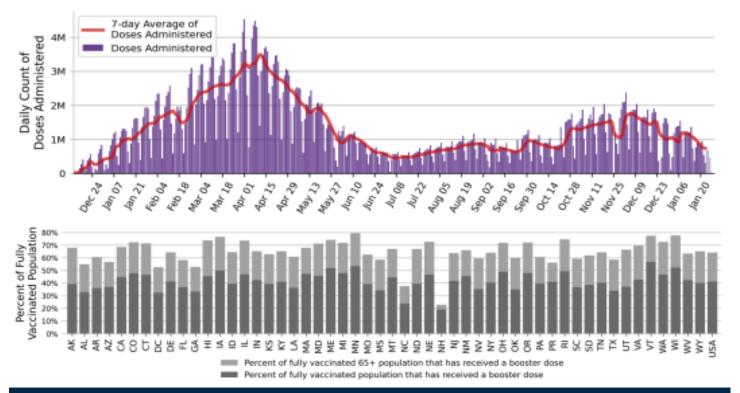


National Picture: Vaccinations

NATIONAL COVID-19 VACCINE SUMMARY AS OF 1/28

DOSES DELIVERED	664,844,185 200,249 per 100k	DOSES ADMINISTERED	537,238,853 161,815 per 100k
PEOPLE RECEIVED AT	249,473,925	PEOPLE FULLY VACCINATED	211,343,818
LEAST ONE DOSE	75.1% of total pop.		63.7% of total pop.
PEOPLE 5-11 RECEIVED	8,610,582	PEOPLE 5-11 FULLY	6,030,044
AT LEAST ONE DOSE	30.0% of 5-11 pop.	VACCINATED	21.0% of 5-11 pop.
PEOPLE 12-17 RECEIVED	16,684,582	PEOPLE 12-17 FULLY	14,099,431
AT LEAST ONE DOSE	66.1% of 12-17 pop.	VACCINATED	55.8% of 12-17 pop.
PEOPLE 18+ RECEIVED AT	224,125,245	PEOPLE 18+ FULLY	191,203,646
LEAST ONE DOSE	86.8% of 18+ pop.	VACCINATED	74.0% of 18+ pop.
PEOPLE 65+ RECEIVED AT	55,827,436	PEOPLE 65+ FULLY	48,379,886
LEAST ONE DOSE	95.0% of 65+ pop.	VACCINATED	88.3% of 65+ pop.
PEOPLE RECEIVED BOOSTER DOSE	86,955,357 41.1% of fully vaccinated total pop.	PEOPLE 65+ RECEIVED BOOSTER DOSE	31,045,841 64.2% of fully vaccinated 65+ pop.

DAILY NATIONAL COUNT OF VACCINE DOSES ADMINISTERED BY DATE OF ADMINISTRATION



DATA SOURCES

Vaccinations: GDE COVID Data Tracker. Data includes the Moderna, Pfizer BioNTech, and J&J/Janssen COVID-19 vaccines and reflects current data available as of 12:52 EST on 01/28/2022. Data last updated 06:00 EST on 01/28/2022. Persons who are fully vaccinated include those who have received both doses of the Moderna or Pfizer-BioNTech vaccine as well as those who have received one dose of the J&J/Janssen vaccine. The count of people who received a booster dose includes anyone who is fully vaccinated and has received another dose of COVID-19 vaccine since August 13, 2021. This includes people who received booster doses and people who received additional doses. Due to delays in reporting, data on doses administered in recent days (as reflected by lighter purple coloring in the Daily National Count figure) may be an underestimate of the actual value.

METHODS: Details available on last two pages of report.



National Picture: Cases

NEW CASES PER 100,000

Date: 1/28/2022 New Cases per 100K 01/21/2022-01/27/2022 Cases per 100K 4 25 Cases in LaM 14 Days 10 to 40 5 to 9 10 to 40 5 to 9 10 to 40 5 to 99 10 to 40 750 or More Ne Data

NATIONAL RANKING OF NEW CASES PER 100,000

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

METHODS: Details available on last two pages of report.



National Picture: NAAT Positivity

NUCLEIC ACID AMPLIFICATION TEST (NAAT) POSITIVITY

NATIONAL RANKING OF NAAT POSITIVITY

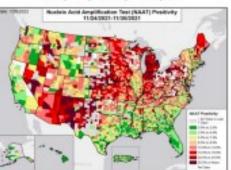
National		National	
Rank	State	Rank	State
1	DC.	27	WY
2	IL.	28	MI
3	MA	29	GA
4	VT	30	WV
5	NY	31	KS
6	MD	32	MO
7	RI	33	KY
В	NJ.	34	- IA
9	ME	35	AR
10	NH	36	NC
11	CT	37	NV
12	CA.	38	TX
13	OH	39	MT
14	DE	40	SC
15	AK.	41	SD
16	LA	42	NE
17	CO	43	IN
18	OR	44	UT
19	MIN	45	AZ
20	WI	46	MS
21	PR	47	TN
22	PA	48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

NUCLEIC ACID AMPLIFICATION TEST (NAAT) POSITIVITY IN THE WEEK:

ONE MONTH BEFORE



TWO MONTHS BEFORE



THREE MONTHS BEFORE



DATA SOURCES

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

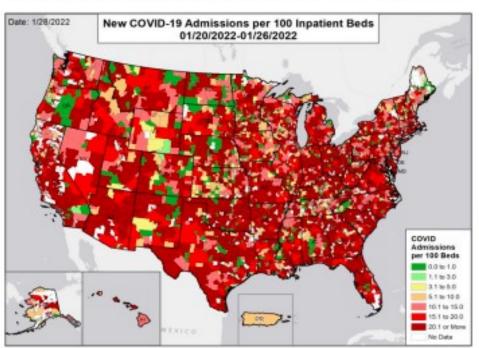
Testing: CELR (COVID-19 Electronic Lab Reporting) state health department-reported data. The term Nucleic Acid Amplification Test (NAAT) includes RT-PCR and other testing methods. Data are through 1/25/2022. The week one month before is from 12/22 to 12/28; the week two months before is from 11/24 to 11/30; the week three months before is from 10/27 to 11/2. As of 8/31/2021 and 1/15/2022, Washington and Hawaii, respectively, have been experiencing technical issues. As a result, test positivity and test volume may be incomplete.

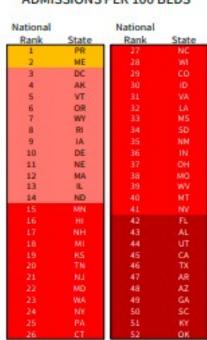
METHODS: Details available on last two pages of report.



National Picture: Hospital Admissions

CONFIRMED NEW COVID-19 ADMISSIONS PER 100 INPATIENT BEDS NATIONAL RANKING OF CONFIRMED ADMISSIONS PER 100 BEDS



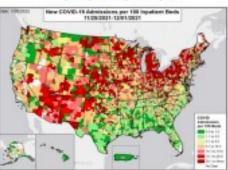


CONFIRMED NEW COVID-19 ADMISSIONS PER 100 INPATIENT BEDS IN THE WEEK:

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 1/26/2022. 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 12/23 to 12/29; the week two months before is from 11/25 to 12/1; the week three months before is from 10/28 to 11/3. HSA indicates Hospital Service Area. Hospitals are assigned to HSA based on zip code where known. In some areas, reports are aggregates of multiple facilities that cross HSA boundaries; in these cases, values are assigned based on the zip code for the aggregate.

METHODS: Details available on last two pages of report.



National Picture: Deaths

NEW DEATHS PER 100,000

Deaths per 100K 01/21/2022-01/27/2022 Deaths per 100K 0.1 to 0.0 to 0.0

NATIONAL RANKING OF NEW DEATHS PER 100,000

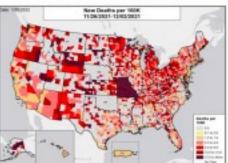
National		National	
Rank	State	Rank	State
1	FL	27	KY
2	AL	28	DE
3	HII	29	GA
4	NC	30	NE
5	MT	31	
6	VT	3.2	
7	SC	33	
8	UT	34	MO
9	CA	35	
10	ID	36	PR
11	DC	37	
12	ME	38	WV
13	VA.	39	761
14	MI	40	LA
15	MS	41	CT
16	KS	42	MD
17	OR	43	AZ
18	ND	44	
19	TX	45	TN
20	WA	46	
21	AK	47	
22	CO	48	MA
23	WY	49	
24	MN	50	NJ
25	AR	51	PA
26	OK	52	OH

NEW DEATHS PER 100,000 IN THE WEEK:

ONE MONTH BEFORE



TWO MONTHS BEFORE



THREE MONTHS BEFORE



DATA SOURCES

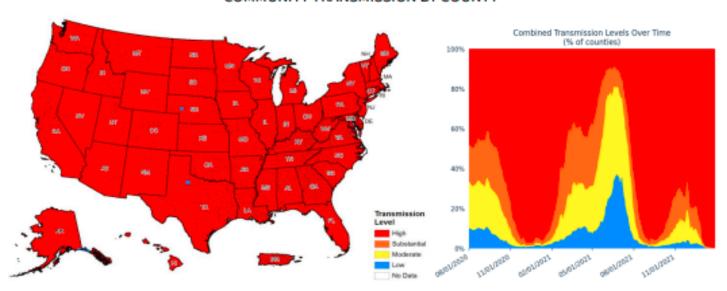
Note: Some dates may have incomplete data due to delays in reporting. Data may be backfilled over time, resulting in week-to-week changes.

Deaths: County-level data are from a CDC managed aggregate county dataset compiled from state and local health departments; therefore, the values may not match those reported directly by the state. State values are aggregated data provided by the states to the CDC. As of 3/2/2021, Ohio changed their method of reporting COVID-19 deaths and will report deaths on the day of death, not the day of report, which could result in a fluctuation in the number of deaths from recent weeks due to delayed reporting. Puerto Rico is shown at the territory level as deaths are not reported at the municipio level. The week one month before is from 12/24 to 12/30; the week two months before is from 11/26 to 12/2; the week three months before is from 10/29 to 11/4.

METHODS: Details available on last two pages of report.

National Picture: Community Transmission

COMMUNITY TRANSMISSION BY COUNTY



COUNTIES BY COMMUNITY TRANSMISSION INDICATOR				
CASES PER 100K	0 TO 9	10 TO 49	50 TO 99	100+
# OF COUNTIES (CHANGE)	17 (+3)	0 (+1)	0 (+1)	3203 (+1)
% OF COUNTIES (CHANGE)	0.5% (+0.1%)	0.0% (+0.0%)	0.0% (+0.0%)	99.5% (40.0%)
TEST POSITIVITY	0.0% TO 4.9%	5.0% TO 7.9%	8.0% TO 9.9%	10.0% +
# OF COUNTIES (CHANGE)	60 (+10)	26 (+15)	24 (+2)	3110 (+27)
% OF COUNTIES (CHANGE)	1.9% (+0.3%)	0.8% (+0.5%)	0.7% (+0.1%)	96.6% (+0.8%)

COUNTIES BY COMBINED TRANSMISSION LEVEL

CATEGORY	LOW TRANSMISSION BLUE	MODERATE TRANSMISSION YELLOW	SUBSTANTIAL TRANSMISSION ORANGE	HIGH Transmission Red
# OF COUNTIES (CHANGE)	6 (+1)	0 (0)	0 (0)	3214 (+1)
% OF COUNTIES (CHANGE)	0.2% (+0.0%)	0.0% (0.0%)	0.0% (0.0%)	99.8% (+0.0%)

DATA SOURCES

Maps and figures reflect 7-day average of data from 1/21-1/27 (cases), 1/19-1/25 (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 1/27/2022.

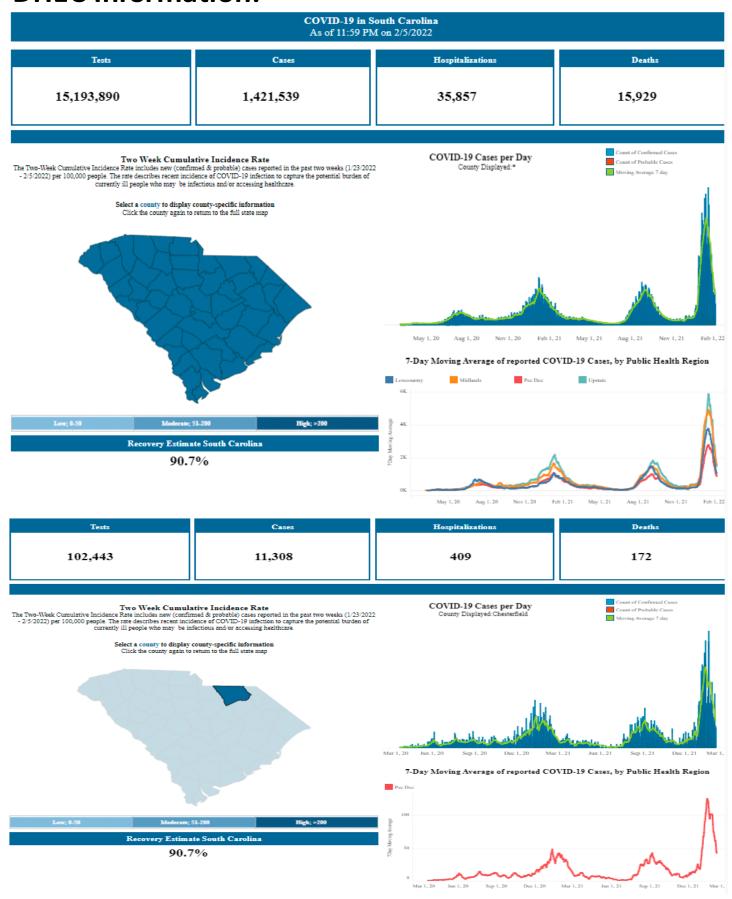
Testing: CELR (COVID-19 Electronic Lab Reporting) state health department-reported data. Data are through 1/25/2022. As of 8/31/2021, Washington has been experiencing technical issues. As a foliable for the foliable for the experiencing technical issues. As a result, test positivity and test volume may be incomplete.

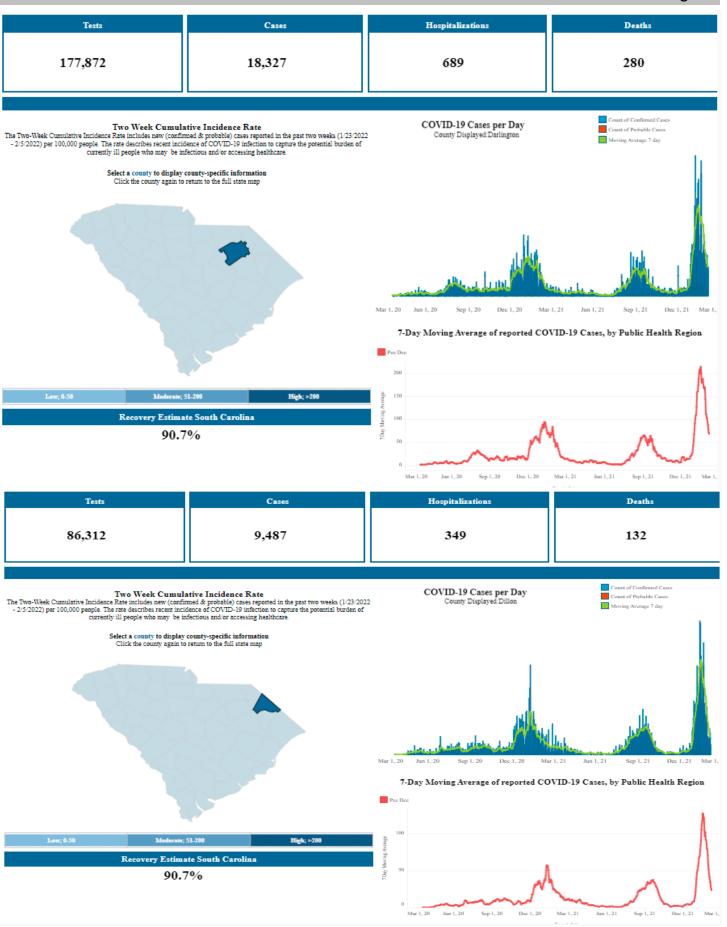
County Percentages: Based on a denominator of 3,220 county/county-equivalents, including states, the District of Columbia, and Puerto Rico municipios.

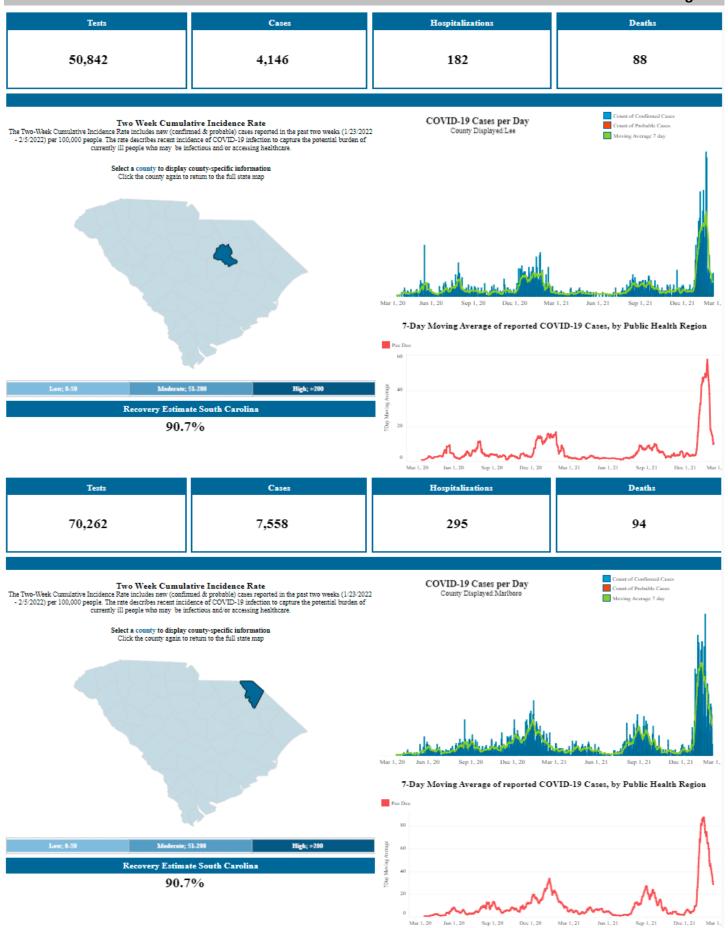
Combined Transmission Level: If the two indicators suggest different transmission levels, the higher level is selected. Previous week transmission levels are computed based on current data. See CDC COVID Data Transler.

METHODS: Details available on last two pages of report.

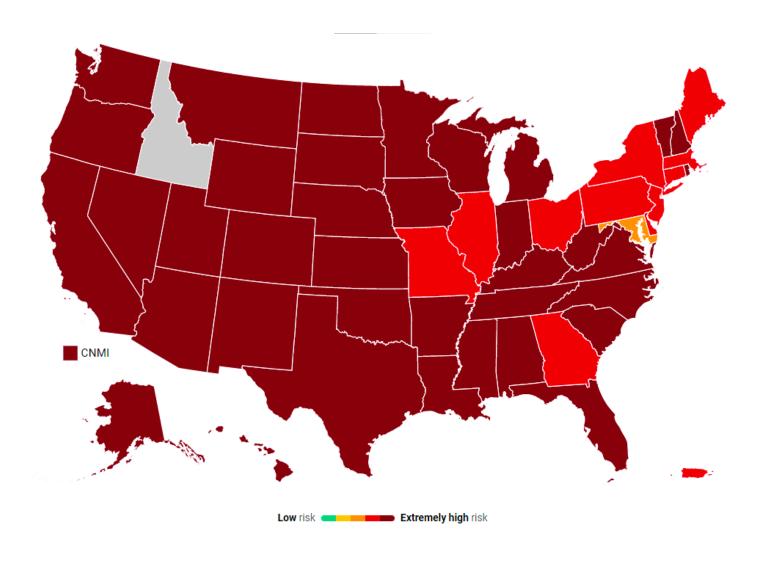
DHEC Information:

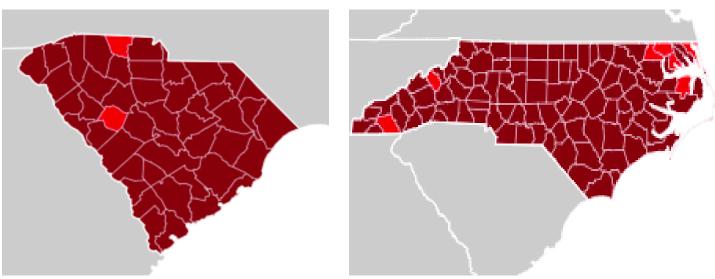




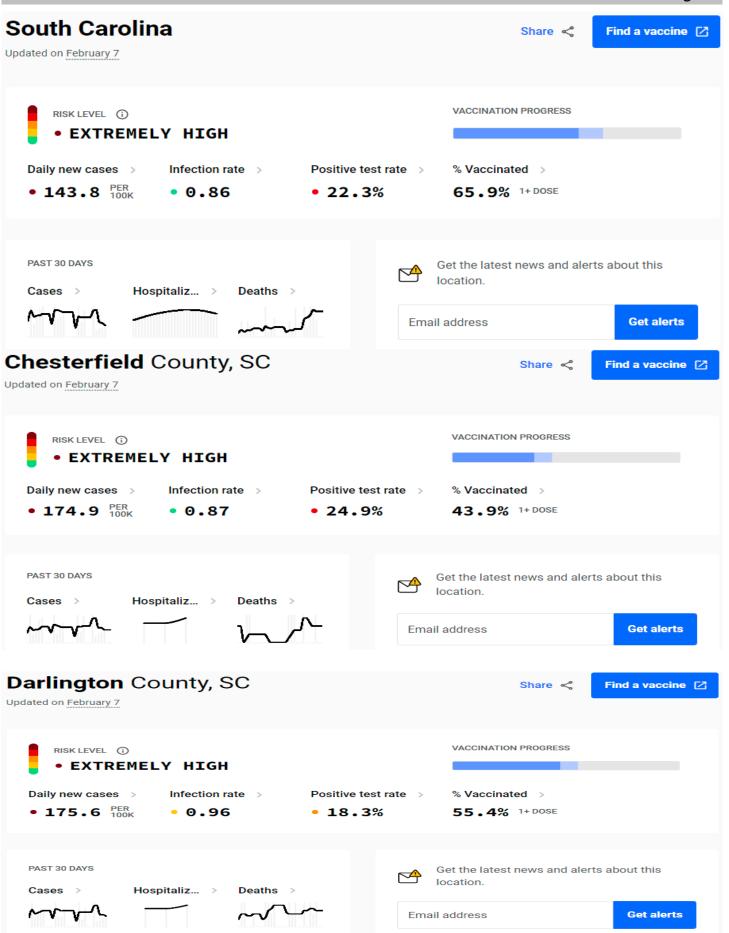


US Interventions Model (from Covid Act Now)





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



Get the latest news and alerts about this

Email address

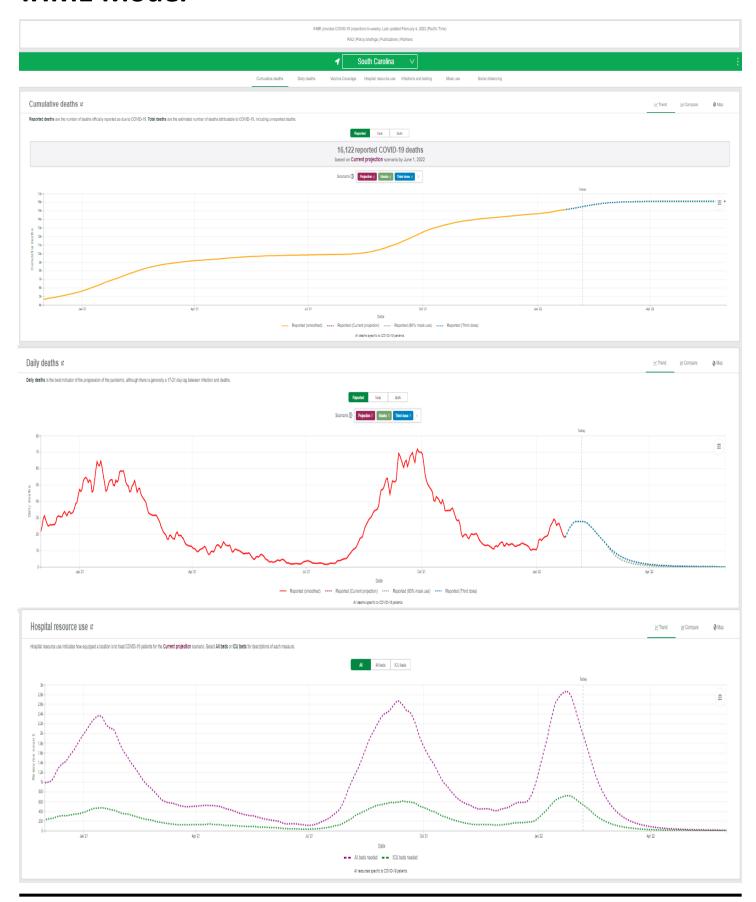
Get alerts

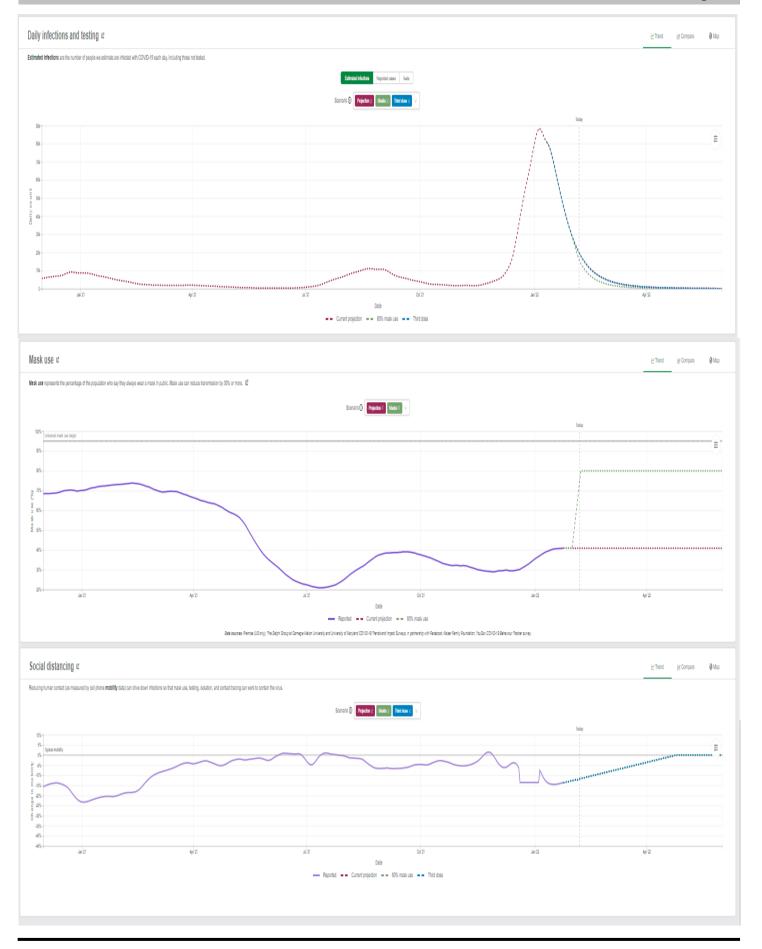
PAST 30 DAYS

Cases >

Deaths >

IHME Model





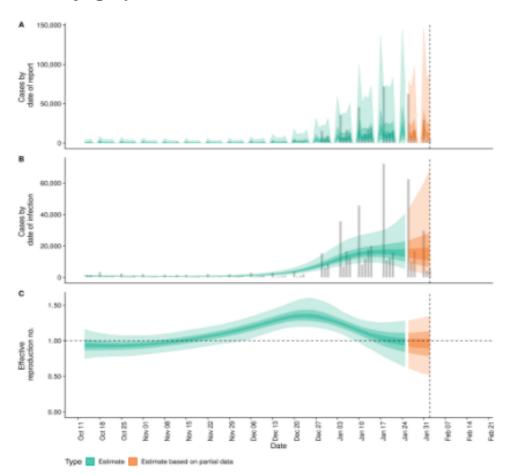
SC Reproduction Number Estimate

Summary (estimates as of the 2022-02-02)

Table 1: Latest estimates (as of the 2022-02-02) 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	14615 (1954 – 68580)
Expected change in daily cases	Stable
Effective reproduction no.	0.96 (0.52 - 1.3)
Rate of growth	-0.011 (-0.14 - 0.091)
Doubling/halving time (days)	-65 (7.64.8)

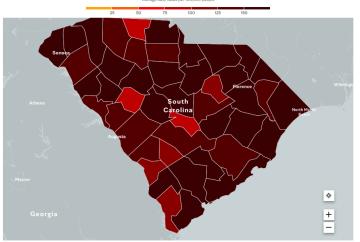
Confirmed cases, their estimated date of report, date of infection, and time-varying reproduction number estimates



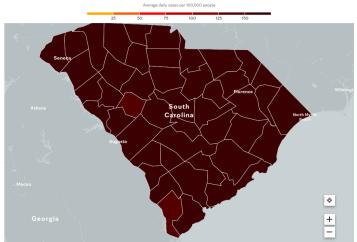


Mayo Clinic Covid Tracker Rate of New Cases

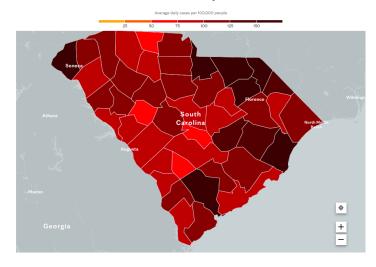
Current



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/