Weekly Covid-19 Data Digest



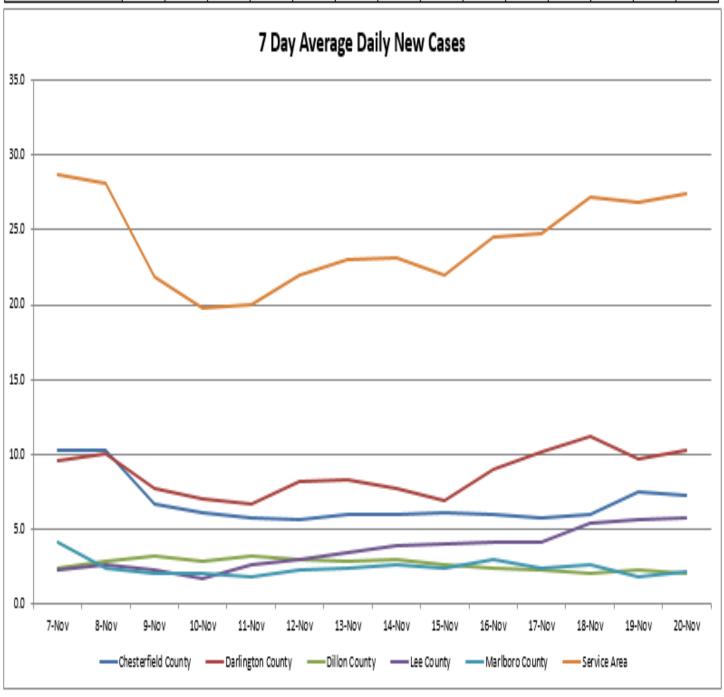
November 23, 2021

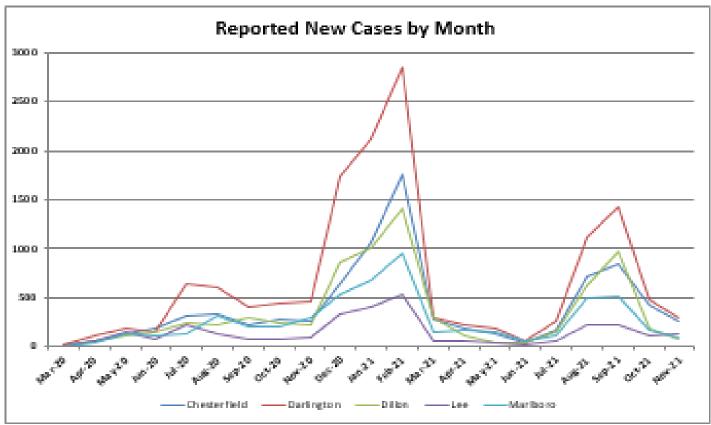
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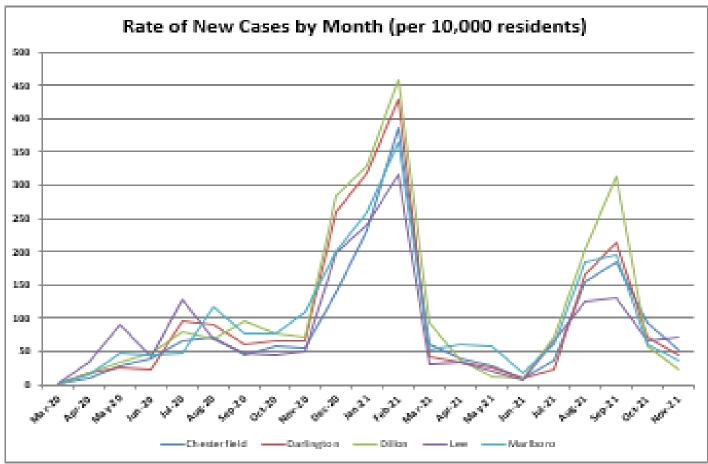
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Data included in this report compiled from publicly available sources. For more information or questions, please contact John Douglas, Chief of Business Development, at john.douglas@caresouth-carolina.com or 843-616-1471.

Daily New Cases Repo	Daily New Cases Reported During Past Two Weeks (as of most current DHEC report)													
	7-Nov	8-Nov	9-Nov	10-Nov	11-Nov	12-Nov	13-Nov	14-Nov	15-Nov	16-Nov	17-Nov	18-Nov	19-Nov	20-Nov
Chesterfield County	5	6	4	9	5	6	7	5	7	3	7	7	16	6
Darlington County	7	12	3	6	7	19	4	3	6	18	14	14	9	8
Dillon County	1	4	5	3	5	0	2	2	1	4	2	3	2	0
Lee County	0	3	2	3	9	4	3	3	4	3	3	18	5	4
Mariboro County	0	3	2	4	1	6	1	1	2	6	0	2	1	3
Service Area	13	28	16	25	27	35	17	14	20	34	26	44	33	21





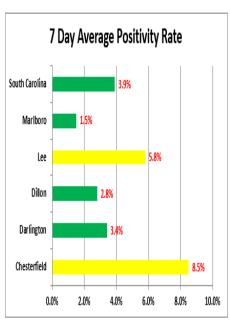


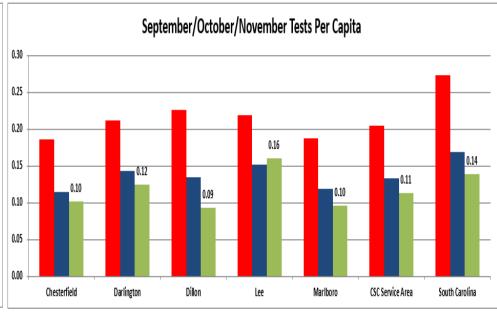
MOTE: Incomplete month proreted for comperiron purposes

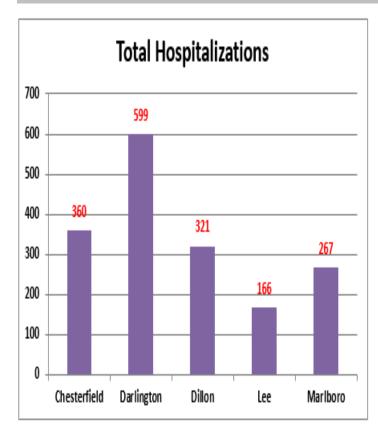
COVID-19 TOTAL CUMULATIVE CASES COMPARISON DATA (as of November 21, 2021)

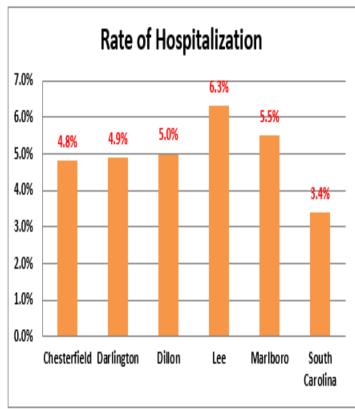
			Daily	Cases Per	Rate Exce	eds:	
Geographic Unit	Population	Cases	New Cases	100 Pop.	State*	Nation	World
Anson County, NC	25,289	4,005	7	15.84	Yes	Yes	Yes
Chesterfield County	45,650	7,480	6	16.39	No	Yes	Yes
Columbus County, NC	56,220	10,258	5	18.25	Yes	Yes	Yes
Darlington County	66,618	12,201	8	18.31	Yes	Yes	Yes
Dillon County	30,479	6,435	0	21.11	Yes	Yes	Yes
Florence County	138,293	27,051	12	19.56	Yes	Yes	Yes
Horry County	354,081	63,341	40	17.89	Yes	Yes	Yes
Kershaw County	66,551	12,194	9	18.32	Yes	Yes	Yes
Lancaster County	98,012	16,450	23	16.78	No	Yes	Yes
Lee County	16,828	2,630	4	15.63	No	Yes	Yes
Marion County	30,657	5,519	2	18.00	Yes	Yes	Yes
Marlboro County	26,118	4,897	3	18.75	Yes	Yes	Yes
Richmond County, NC	44,993	7,282	4	16.18	Yes	Yes	Yes
Robeson County, NC	130,529	25,379	13	19.44	Yes	Yes	Yes
Scotland County, NC	35,690	5,832	1	16.34	Yes	Yes	Yes
Sumter County	106,721	16,607	11	15.56	No	Yes	Yes
Union County, NC	242,657	37,664	58	15.52	Yes	Yes	Yes
South Carolina	5,148,714	913,950	614	17.75	N/A	Yes	Yes
North Carolina	10,630,691	1,520,471	1,383	14.30	N/A	Yes	Yes
United States	330,300,890	47,587,441	113,816	14.41	N/A	N/A	Yes
World	7,681,651,842	258,201,133	400,238	3.36	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	1	0	0	45.8%		
Clarendon	1	0	0	38.8%		
Darlington	6	2	2	49.4%		
Dillon	1	0	0	40.4%		
Florence	30	12	8	90.1%		
Georgetown	21	3	1	88.0%		
Horry	44	16	6	81.3%		
Marion	0	0	0	62.5%		
Sumter	10	0	0	61.1%		
Williamsburg	1	1	0	75.0%		
Total	115	34	17	82.3%		

Note:	Data as re	ported by	DHEC as of 11	/21/2	21
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Long Term Care Facility Cases Within Past 30 Days					
County	Facility	Residents	Staff		
Chesterfield	Cheraw Healthcare	0	1		
Chesterfield	Palmetto Ridge Assisted Living	1	0		
Darlington	Carriage House Senior Living	0	1		
Darlington	Saleeby Development Center	1	1		
* as reported by DHEC as of 11/14/21					

Schools With Cases Within Past Week						
County	School	Students	Faculty			
Chesterfield	Ruby Elementary	1	0			
Darlington	Bay Road Elementary	1	0			
Darlington	Hartsville High	4	1			
Darlington	Hartsville Middle	0	3			
Darlington	Mayo High	2	0			
Darlington	Trinity Collegiate	2	0			
* as reported by DHFC on 11/17/21 Note: all schools did not submitted reports						

DHEC Reported Vaccine Recipients by Zip Code (as of 11/20/21 at 11:59PM)

Chesterfield County					
Zip	Town	Recipients	% of Pop		
29520	Cheraw	6291	47.6%		
29709	Chesterfield	2728	44.6%		
29718	Jefferson	1286	32.4%		
29101	McBee	1049	38.5%		
29727	Mt.Croghan	544	32.1%		
29728	Pageland	2994	34.3%		
29584	Patrick	998	46.2%		
29741	Ruby	713	29.8%		
Unknown	or OOC Zip Code	899	N/A		
County To	tal	17502	40.6%		

Darlington County					
Zip	Town	Recipients	% of Pop		
29532	Darlington	9582	48.9%		
29540	Darlington	2815	64.4%		
29550	Hartsville	17462	57.1%		
29069	Lamar	2277	52.7%		
29593	Society Hill	721	46.0%		
Unknown	or OOC Zip Code	2527	N/A		
County To	tal	35384	56.4%		

Dillon County					
Zip	Town	Recipients	% of Pop		
29536	Dillon	7120	35.7%		
29543	Fork	339	52.8%		
29547	Hamer	1145	40.7%		
29563	Lake View	1257	59.4%		
29565	Latta	2915	43.9%		
29567	Little Rock	350	87.7%		
Unknown	or OOC Zip Code	585	N/A		
County To	tal	13711	48.1%		

Lee County					
Zip	Town	Recipients	% of Pop		
29010	Bishopville	5447	48.1%		
29080	Lynchburg	820	30.7%		
Unknown or OOC Zip Code		1617	N/A		
County To	tal	7884	49.3%		

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

Marlboro County				
Zip	Town	Recipients	% of Pop	
29512	Bennettsville	6821	41.4%	
29516	Blenheim	336	37.8%	
29525	Clio	844	45.0%	
29570	McColl	1167	34.9%	
29596 Wallace		921	46.4%	
Unknown or OOC Zip Code		103	N/A	
County To	tal	10192	41.2%	

Zip Codes with Highest % of Recipients				
Rank	Town	Zip	% of Pop	
1	Little Rock	29567	87.7%	
2	Darlington	29540	64.4%	
3	Lake View	29563	59.4%	
4	Hartsville	29550	57.1%	
5	Fork	29543	52.8%	
6	Lamar	29069	52.7%	
7	Darlington	29532	48.9%	
8	Bishopville	29101	48.1%	
9	Cheraw	29520	47.6%	
10	Wallace	29596	46.4%	

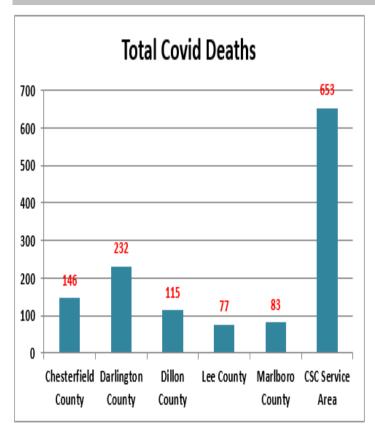
Zip Codes with Lowest % of Recipients			
Rank	Town	Zip	% of Pop
1	Ruby	29741	29.8%
2	Lynchburg	29741	30.7%
3	Mt. Croghan	29727	32.1%
4	Jefferson	29718	32.4%
5	Pageland	29728	34.3%
6	McColl	29570	34.9%
7	Dillon	29536	35.7%
8	Blenheim	29516	37.8%
9	McBee	29101	38.5%
10	Hamer	29547	40.7%

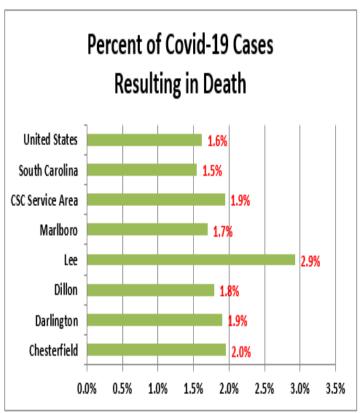
Counties Ranked by Recipients % of Pop.			
Rank	County	Recipients	% of Pop
1	Darlington	35384	56.4%
2	Dillon	13711	48.1%
3	Lee	7884	49.3%
4	Marlboro	10192	41.2%
5	Chesterfield	17502	40.6%
CSC Service	e Area	84673	48.4%

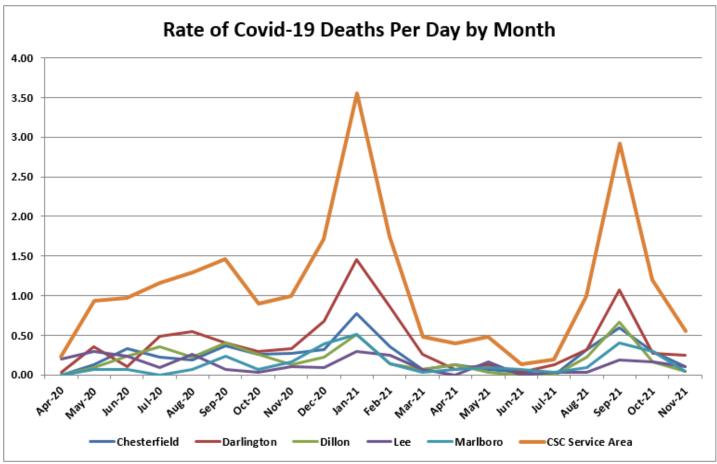


Estimated Percentage of Immunity Statewide

		Pct Total Pop			
	Pct Total	with natural		Pct Total	
	Population	immunity		Population	
	with vaccine	(minus vaccine	Lower	with any	Upper
County	immunity	immunity)	Range	Immunity	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%
I GILL	4078		4.500.0	0478	
Whole state	45%	25%	64%	69%	75%







Rankings/ Risk Factors

Harvard Global Health Institute Risk Levels				
County Risk Level SC Rank* US Rank**				
Lee County	Orange	4	1820	
Darlington County	Orange	13	2273	
Chesterfield County	Orange	16	2343	
Marlboro County	Yellow	32	2660	
Dillon County	Yellow	37	2784	
* out of 46 counties ** out of 3142 counties or equivalents				

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

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

Pandemic Vulnerability Index*			
County Rank*			
Lee County	73		
Chesterfield County	150		
Marlboro County	173		
Dillon County	200		
Darlington County 418			
* out of 3142 counties or equivalents			

Vaccine Recipient Rate SC Rank			
County Rank*			
Darlington County	23		
Lee County	39		
Dillon County	40		
Marlboro County	44		
Chesterfield County 46			
* out of 46 counties (age 12 & older)			

Cumulative Rate State Rank			
County Rank*			
Dillon County	2		
Marlboro County	25		
Darlington County	34		
Lee County	35		
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-		

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

CDC Information:



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CHANGE FROM

60.9% of 18+ pop

34.0% of fully vaccinated 65+ pop

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 FULLY VACCINATED
PEOPLE 18+ FULLY VACCINATED
PEOPLE 65+ RECEIVED BOOSTER

PEOPLE 18+ RECEIVED AT LEAST 1 DOSE

LAST WEEK	PREVIOUS WEEK
68	-29%
3.2%	-0.3%
3.6	-7%
1.9	-41%
SUBSTANTIAL 1	TRANSMISSION
3,013,073 people	58.5% of total pop
2,831,995 people 70.1% of 18+ pop	
2,603,943 people	50.6% of total pop

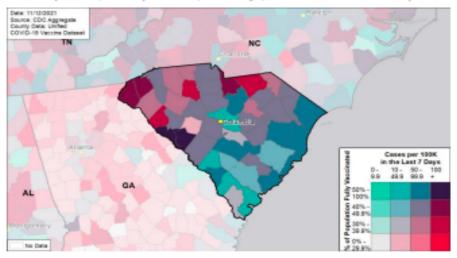
2,458,678 people

266,255 people

SARS-CoV-2 Variants of Concern

The following proportions of variants of concern have been identified in <u>South Carolina</u>: Delta (B.1.617.2, AY.*) 99.2%

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



As of 10/25/21, CDC no longer smooths the number of COVID-19 cases and deaths by jurisdiction; starting 11/1/21, several states shifted to the use of report date. Both of these changes may result in fluctuations of daily 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/dcs/ContactUs/Form.



COVID-19

STATE PROFILE REPORT | 11.12.2021

STATE, % CHANGE

	STATE	FROM PREVIOUS WEEK	FEMA/HHS REGION	UNITED STATES
NEW COVID-19 CASES (RATE PER 100,000)	3,502 (68)	-29%	47,798 (71)	512,529 (154)
NUCLEIC ACID AMPLIFICATION TEST (NAAT) POSITIVITY RATE	3.2%	-0.3%*	3.9%	5.4%
TOTAL NAAT VOLUME (TESTS PER 100,000)	100,204** (1,946**)	+6%**	1,107,879** (1,656**)	9,348,787** (2,816**)
NEW COVID-19 DEATHS (RATE PER 100,000)	98 (1.9)	-41%	1,034 (1.5)	6,995 (2.1)
CONFIRMED NEW COVID-19 HOSPITAL ADMISSIONS (RATE PER 100 BEDS)	359 (3.6)	-7% (-7%)	4,652 (3.0)	35,832 (5.1)
NUMBER OF HOSPITALS WITH SUPPLY SHORTAGES (PERCENT)	8 (12%)	+0%	45 (5%)	284 (5%)
NUMBER OF HOSPITALS WITH STAFF SHORTAGES (PERCENT)	28 (41%)	-3%	216 (22%)	923 (17%)
PEOPLE 12+ INITIATING VACCINATION (PERCENT OF POPULATION)	22,518 (0.5%)	-13.3%	339,584 (0.6%)	1,990,453 (0.7%)
PEOPLE 12-17 INITIATING VACCINATION (PERCENT OF POPULATION)	1,307 (0.3%)	+7.0%	17,737 (0.4%)	132,205 (0.5%)
PEOPLE 18+ INITIATING VACCINATION (PERCENT OF POPULATION)	21,211 (0.5%)	-14.3%	321,847 (0.6%)	1,858,248 (0.7%)
PEOPLE 65+ RECEIVING BOOSTER DOSE	30,166	-27.9%	457,405	2,594,809

^{*} Indicates absolute change in percentage points.

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 11/11/2021; previous week is from 10/29 to 11/4.

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 11/9/2021; previous week is from 10/27 to 11/2. Test volume through 11/5/2021; previous week is from 10/23 to 10/29.

Admissions: Unified Hospitals Dataset in HHS Protect. Data are through 11/10, previous week is from 10/28 to 11/3.

Shortages: Unified Hospitals Dataset in HHS Protect. Values presented show the latest reports from hospitals in the week ending 11/10/2021 for staffing and the week ending 11/10/2021 for supplies.

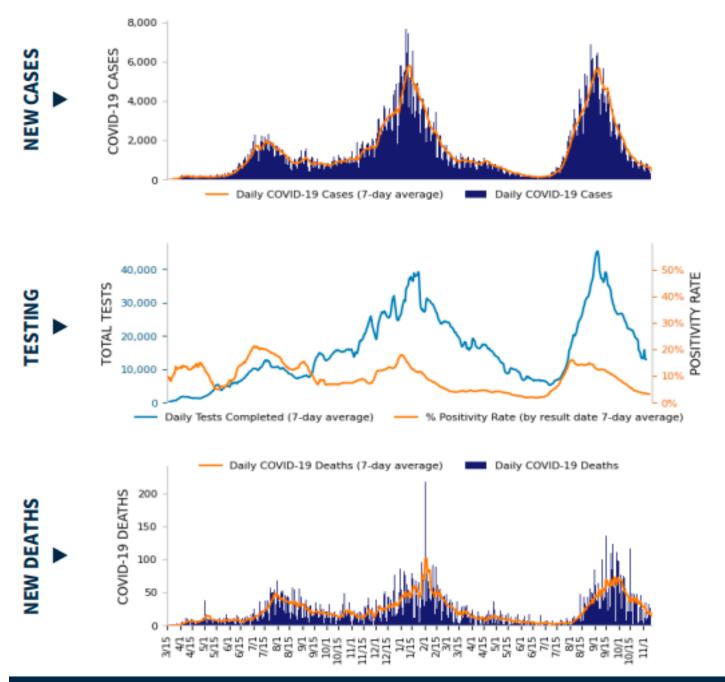
Vaccinations: CDC COVID Data Tracker, Data includes the Moderna, Pfizer BioNTech, and J&J/Janssen COVID-19 vaccines and reflects current data available as of 11:09 EST on 11/12/2021. Data last updated 06:00 EST on 11/12/2021. People initiating vaccination include those who have received the first dose 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.

^{**} Due to delayed reporting, this figure may underestimate total diagnostic tests and week-on-week changes in diagnostic tests. DATA SOURCES



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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 11/11/2021.

Testing: CELR (COVID-19 Electronic Lab Reporting) state health department-reported data. Test positivity through 11/9/2021. Test volume through 11/5/2021. METHODS: Details available on last two pages of report.



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STATE VACCINATION SUMMARY

DOSES DELIVERED

8,103,545 157,390 per 100k

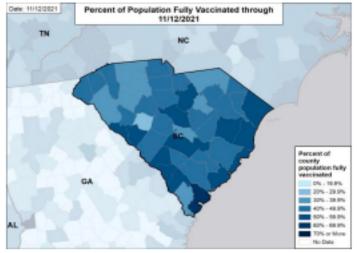
DOSES ADMINISTERED

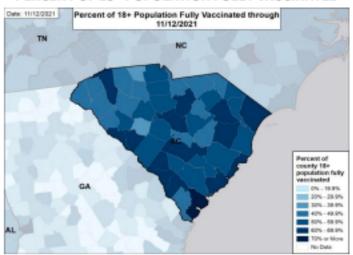
5,898,827 114,569 per 100k

	RECEIVED AT	FULLY	RECEIVED
	LEAST ONE DOSE	VACCINATED	BOOSTER DOSE
ALL PEOPLE	3,013,073	2,603,943	396,078
	58.5% of total population	50.6% of total population	15.2% of fully vaccinated total pop
PEOPLE 12-17	168,825 44.1% of 12-17 population	142,402 37.2% of 12-17 population	N/A
PEOPLE 18+	2,831,995	2,458,678	395,716
	70.1% of 18+ population	60.9% of 18+ population	16.1% of fully vaccinated 18+ pop
PEOPLE 65+	893,910	782,846	266,255
	95.4% of 65+ population	83.5% of 65+ population	34.0% of fully vaccinated 65+ pop

PERCENT OF POPULATION FULLY VACCINATED

PERCENT OF 18+ POPULATION FULLY VACCINATED





DATA SOURCES

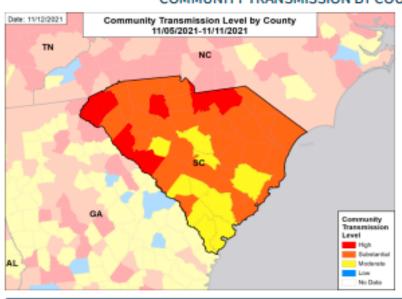
County reporting completeness for South Carolina is 93.9%.

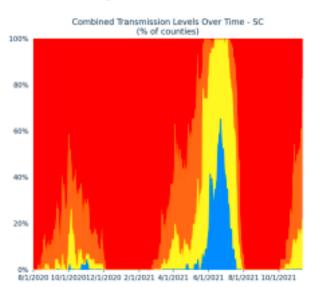
Vaccinations: CDC COVID Data Tracker. Data includes the Moderna, Pfizer BioNTech, and J&J/Janssen COVID-19 vaccines and reflects current data available as of 11:09 EST on 11/12/2021. Data last updated 06:00 EST on 11/12/2021. Persons who are fully vaccinated include those who have received both doses 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.



STATE PROFILE REPORT | 11.12.2021 COMMUNITY TRANSMISSION BY COUNTY AND METRO AREA





COUNTIES AND METRO AREAS BY COMBINED TRANSMISSION LEVEL LOW MODERATE SUBSTANTIAL HIGH TRANSMISSION CATEGORY TRANSMISSION TRANSMISSION TRANSMISSION BLUE YELLOW ORANGE RED # OF COUNTIES (CHANGE) 0(0)10 (+3) 28 (+12) 8 (+15)# OF METRO AREAS (CHANGE) 0 (0) 1 (+1) 15 (+9) 2(+10)

All Yellow Counties: Richland, Berkeley, Beaufort, Colleton, Jasper, Calhoun, Saluda, Hampton, Barnwell, Bamberg All Yellow CBSAs: Hilton Head Island-Bluffton

All Orange Counties: Greenville, Horry, York, Charleston, Spartanburg, Lexington, Anderson, Aiken, Sumter, Dorchester, Florence, Greenwood, Laurens, Darlington, Orangeburg, Kershaw, Georgetown, Cherokee, Clarendon, Newberry, Chester, Williamsburg, Marion, Dillon, Marlboro, Lee, Fairfield, Allendale

All Orange CBSAs: Greenville-Anderson, Columbia, Charleston-North Charleston, Charlotte-Concord-Gastonia, Myrtle Beach-Conway-North Myrtle Beach, Spartanburg, Augusta-Richmond County, Florence, Sumter, Greenwood, Orangeburg, Georgetown, Gaffney, Newberry, Bennettsville All Red Counties: Pickens, Lancaster, Oconee, Union, Chesterfield, Edgefield, Abbeville, McCormick

All Red CBSAs: Seneca, Union

DATA SOURCES

Maps and figures reflect 7-day average of data from 11/5-11/11 (cases), 11/3-11/9 (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 11/11/2021.

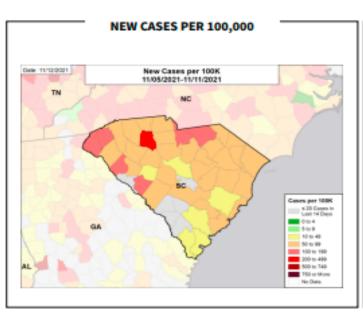
Testing: CELR (COVID-19 Electronic Lab Reporting) state health department-reported data. Data are through 11/9/2021.

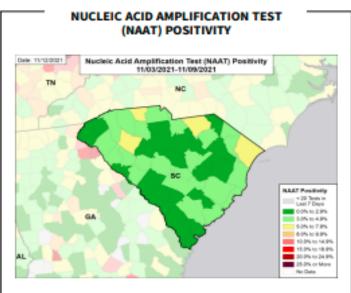
Combined Transmission Level: If the two indicators suggest different transmission levels, the higher level is selected. Previous week transmission levels are computed based on current data. See CDC COVID Data Tracker.

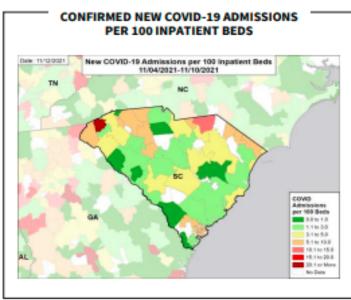


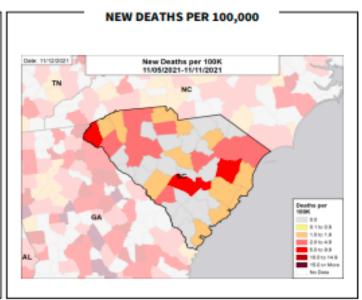
STATE PROFILE REPORT | 11.12.2021

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









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 11/11/2021.

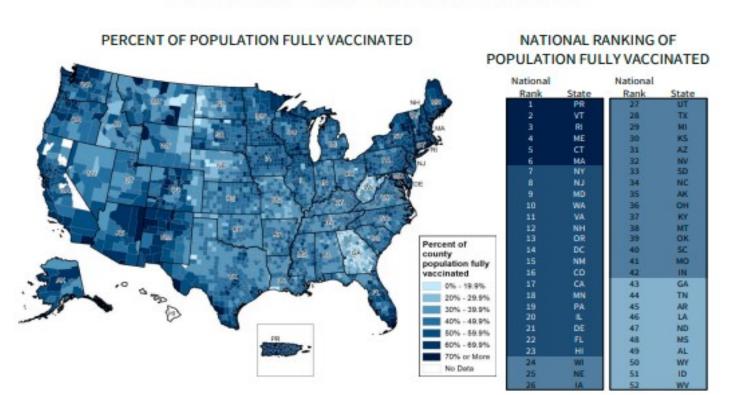
Testing: CELR (COVID-19 Electronic Lab Reporting) state health department-reported data. The term Nucleic Acid Amplification Test (NAAT) includes RT-PCR and other testing methods. Data are through 11/9/2021.

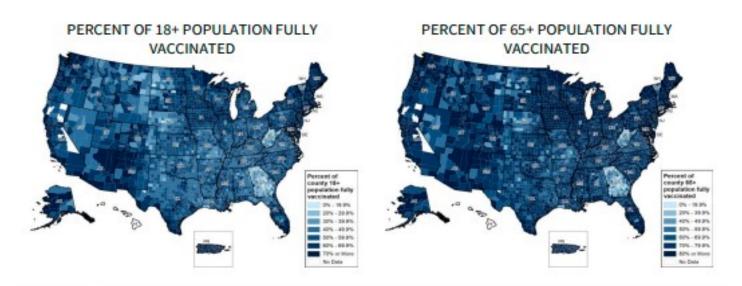
Hospitalizations: Unified Hospitals Dataset in HHS Protect. Totals include only confirmed COVID-19 admissions. HSA indicates Hospital Service Area. Hospitals are assigned to HSA based on zip code where known. In some areas, reports are aggregates of multiple facilities that cross HSA boundaries; in these cases, values are assigned based on the zip code for the aggregate. Data are through 11/10/2021.

METHODS: Details available on last two pages of report.



National Picture: Vaccinations





DATA SOURCES

Vaccinations: LDE COND Note Toucher. Data includes the Moderna, Pfizer BioNTech, and J&J/Janssen COMD-19 vaccines and reflects current data available as of 11:09 EST on 11/12/2021. Data last updated 06:00 EST on 11/12/2021. Persons who are fully vaccinated include those who have received both doses of the Noderna or Pfizer-BioNTech vaccine as well as those who have received one dose of the J&J/Janssen vaccine. Allocations are made pro rata (equal based on population) from which jurisdictions are then to order. The following states have s80% completeness reporting vaccinations by county, which may result in underestimates of vaccination data for counties: VT (74%), WV (60%), GA (58%), 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 data are unavailable for the Idaho population aged less than 18 years.

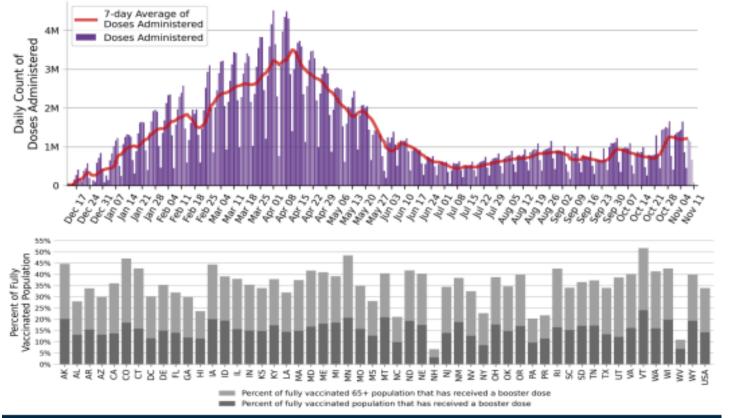


National Picture: Vaccinations

NATIONAL COVID-19 VACCINE SUMMARY AS OF 11/12

551,000,705 437,352,000 DOSES DELIVERED DOSES ADMINISTERED 165,960 per 100k 131,729 per 100k PEOPLE RECEIVED AT PEOPLE FULLY 225,606,197 194,747,839 LEAST ONE DOSE VACCINATED 68.0% of total pop. 58.7% of total pop. PEOPLE 12-17 RECEIVED PEOPLE 12-17 FULLY 15,158,596 12,789,760 AT LEAST ONE DOSE 60.0% of 12-17 pop. VACCINATED 50.6% of 12-17 pop. PEOPLE 18+ RECEIVED AT 209,488,394 PEOPLE 18+ FULLY 181,821,016 LEAST ONE DOSE VACCINATED 81.1% of 18+ pop. 70.4% of 18+ pop. PEOPLE 65+ RECEIVED AT PEOPLE 65+ FULLY 54,120,621 47,055,530 LEAST ONE DOSE VACCINATED 98.8% of 65+ pop. 85.9% of 65+ pop. 27,660,515 15,961,734 PEOPLE RECEIVED PEOPLE 65+ RECEIVED 14.2% of fully 33.9% of fully ADDITIONAL DOSE ADDITIONAL DOSE vaccinated total pop. vaccinated 65+ pop.

DAILY NATIONAL COUNT OF VACCINE DOSES ADMINISTERED BY DATE OF ADMINISTRATION



DATA SOURCES

Vaccinations: CDC COVID Data Tracker. Data includes the Moderna, Pfizer BioNTech, and J&J/Janssen COVID-19 vaccines and reflects current data available as of 11:09 EST on 11/12/2021. Data last updated 06:00 EST on 11/12/2021. Persons who are fully vaccinated include those who have received both doses of the Moderna or Pfizer-BioNTech vaccine as well as those who have received one dose of the J&J/Janssen vaccine. Allocations are made pro rata (equal based on population) from which jurisdictions are then to order. The 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 blue coloring in the Daily National Count figure) may be an underestimate of the actual value.

METHODS: Details available on last two pages of report.



National Picture: Cases

NEW CASES PER 100,000

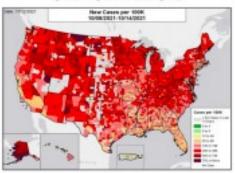
Date: 11/12/2021 New Cases per 100K 11/05/2021-11/11/2021 Cases per 100K 275 Cases in Leaf 14 Days 10 to 40 50 to 199 100 to 199 1

NATIONAL RANKING OF NEW CASES PER 100,000

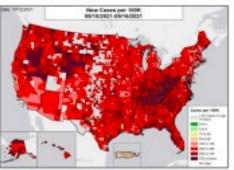
National		National	
Rank	State	Rank	State
1	PR	27	RI
2	GA	28	NY
3	LA	29	DE
4	FL	30	ID
5	HII	31	
6	MS	32	KS
7	DC.	33	ME
8	SC	34	
9	TX	35	OH
10	CT	36	PA
11	AL	37	MI
12	MD	38	UT
13	TN	39	
14	NC	40	
15	NJ	41	WV
16	VA	42	WY
17.	CA	43	NE
18	AR	44	MT
19	OK	45	AZ
20	OR	46	NM
21	NV.	47	WI
22	WA.	48	co
23	L	49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

NEW CASES PER 100,000 IN THE WEEK:

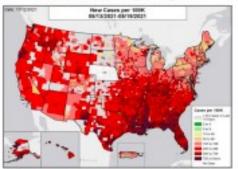
ONE MONTH BEFORE



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. 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 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 6/30, Nebraska was 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. As of 9/21, Nebraska began providing county case and death data directly to CDC, with daily data going back to 9/2. The week one month before is from 10/8 to 10/14; the week two months before is from 9/10 to 9/16; the week three months before is from 8/13 to 8/19. Due to technical issues, county-level cases in Oklahoma have not updated in the last week.

METHODS: Details available on last two pages of report.



National Picture: NAAT Positivity

NUCLEIC ACID AMPLIFICATION TEST (NAAT) POSITIVITY

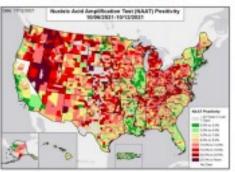
Date: 11/12/2021 Nucleic Acid Amplification Test (NAAT) Positivity 11/03/2021-11/09/2021 NAAT Positivity 20 Tesis in Lest 7 Days 0.0% to 2-0% 0.0% to 2-0% 0.0% to 1-0% 0.0% to 1-0% 10 the 1-1 the 11-0% to 14-0% 10 the 11-0% 10

NATIONAL RANKING OF NAAT POSITIVITY

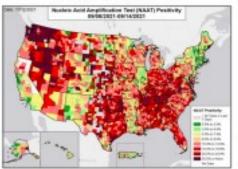
National		National	
Rank	State	Rank	State
1	DC	27	KY
2	LA	28	MO
3	HII	29	NH
4	Ri	30	ME
5	MA	31	OK
6	CA	32	WY
7	FL	33	WA.
8	PR	34	KS
9	CT	35	WV
10	2.	36	ND
11	SC	37	PA
12	GA	38	NV
13	NY	39	W
14	MD	40	IN
15	NJ	41	OH
16	VT	42	co
17	AL	43	MN
18	NC	44	MI
19	TX	45	UT
20	AR	46	IA .
21	DE	47	MT
22	TN	48	ID
23	MS	49	AZ
24	OR	50	NM
25	VA	51	NE
26	AK	5.2	SD

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 11/9/2021. The week one month before is from 10/6 to 10/12; the week two months before is from 9/8 to 9/14; the week three months before is from 8/11 to 8/17. As of 8/31/2021, Washington has been experiencing technical issues. As a result, test positivity and test volume may be incomplete.

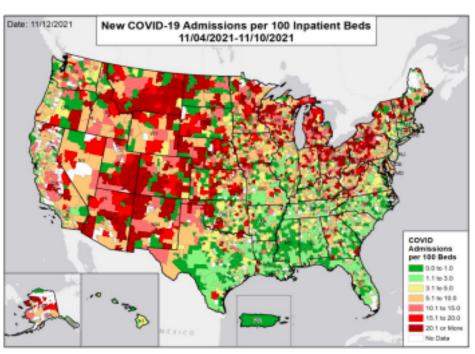


COVID-19

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 11/10/2021. 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 10/7 to 10/13; the week two months before is from 9/9 to 9/15; the week three months before is from 8/12 to 8/18. 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.



COVID-19

National Picture: Deaths

NEW DEATHS PER 100,000

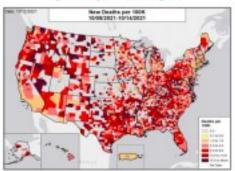
Deaths per 100K 11/05/2021-11/11/2021 Deaths per 100K 0.0 0.0 to 0.0 0.0 to

NATIONAL RANKING OF NEW DEATHS PER 100,000

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

NEW DEATHS PER 100,000 IN THE WEEK:

ONE MONTH BEFORE



TWO MONTHS BEFORE



THREE MONTHS BEFORE



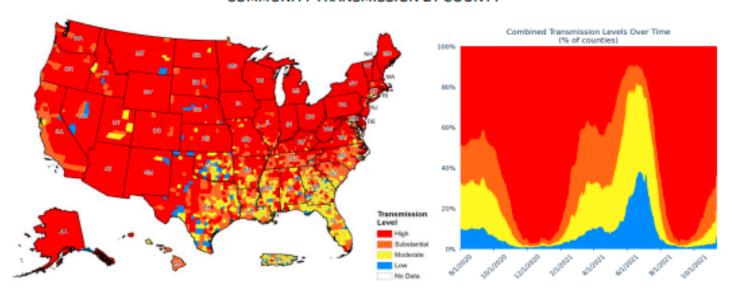
DATA SOURCES

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 complete 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. Between 6/5 and 8/18, Florida was not updating their county deaths data; therefore no county death data are available for this time frame. As of 8/10/2012, Florida changed their method of reporting CDWD-19 deaths 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 deaths from recent weeks due to delayed reporting. An of 9/10, Nebraska was no longer updating their state dashboard and since 5/15, Nebraska was reporting by Local Health Department instanted of county; therefore, between 5/25 and 8/1 no county case and death data are available. As of 8/12, Nebraska began providing county case and death data directly to CDC, with daily data going back to 9/2. As of 3/2/2013, Ohlo changed their method of reporting CDWD-19 deaths and will report deaths to include propri, which could result in a fluctuation in the number of deaths from recent weeks due to delayed reporting. As of 1/2/2021, Oklahoma changed their method of reporting CDWD-19 deaths to include proprising CDWD-19 deaths in recent weeks due to delayed reporting. As of 1/2/2021, Oklahoma changed their method of reporting CDWD-19 deaths to include proprising CDWD-19 deaths in recent weeks due to delayed reporting. As of 1/2/2021, the local result in a higher number of deaths in necent 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 10/18 to 10/14; the week two months before is from 9/10 to 9/16; the week three months before is from 8/11 to 9/10/19 to 9/10/19 to 9/10/19

National Picture: Community Transmission

COMMUNITY TRANSMISSION BY COUNTY



COUNTIES BY COMMUNITY TRANSMISSION INDICATOR				
CASES PER 100K	0 TO 9	10 TO 49	50 TO 99	100+
# OF COUNTIES (CHANGE)	193 (+77)	409 (+75)	553 (+32)	2065 (+120)
% OF COUNTIES (CHANGE)	6.0% (+2.4%)	12.7% (+2.3%)	17.2% (+1.0%)	64.1% (+3.7%)
TEST POSITIVITY	0.0% TO 4.9%	5.0% TO 7.9%	8.0% TO 9.9%	10.0% +
# OF COUNTIES (CHANGE)	1073 (+36)	648 (+24)	325 (44)	1174 (+8)
% OF COUNTIES (CHANGE)	33.3% (+1.1%)	20.1% (40.7%)	10.1% (+0.1%)	36.5% (↓0.2%)

COUNTIES BY COMBINED TRANSMISSION LEVEL

CATEGORY	LOW TRANSMISSION BLUE	MODERATE TRANSMISSION YELLOW	SUBSTANTIAL TRANSMISSION ORANGE	HIGH TRANSMISSION RED
# OF COUNTIES (CHANGE)	86 (+8)	414 (+103)	530 (0)	2190 (+111)
% OF COUNTIES (CHANGE)	2.7% (+0.2%)	12.9% (+3.2%)	16.5% (0.0%)	68.0% (43.4%)

DATA SOURCES

Maps and figures reflect 7-day average of data from 11/5-11/11 (cases), 11/3-11/9 (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 11/11/2021.

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 11/9/2021. As of 8/31/2021, Washington has been 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

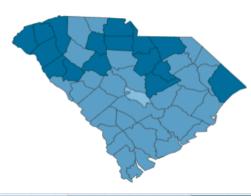
DHEC Information:

COVID-19 in South Carolina As of 11:59 PM on 11/20/2021



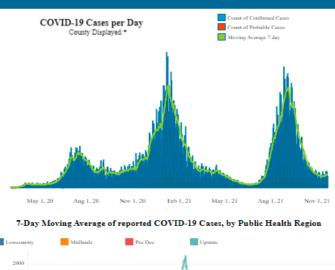
Two Week Cumulative Incidence Rate
The Two-Week Cumulative Incidence Rate includes new (confirmed & probable) cases reported in the past two weeks (1177/2021
- 11/20/2021) per 100,000 people. The rate describes recent incidence of COVID-19 infection to capture the potential burden of currently ill people who may be infectious and or accessing healthcare.

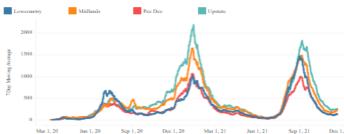
Select a county to display county-specific information Click the county again to return to the full state map



Recovery Estimate South Carolina

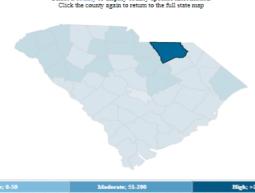
92.9%



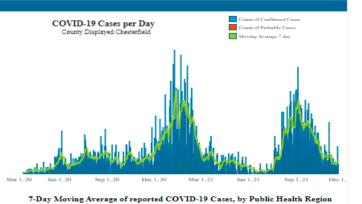


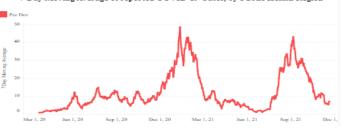
Tests	Cases	Hospitalizations	Deaths
84,172	7,480	360	146

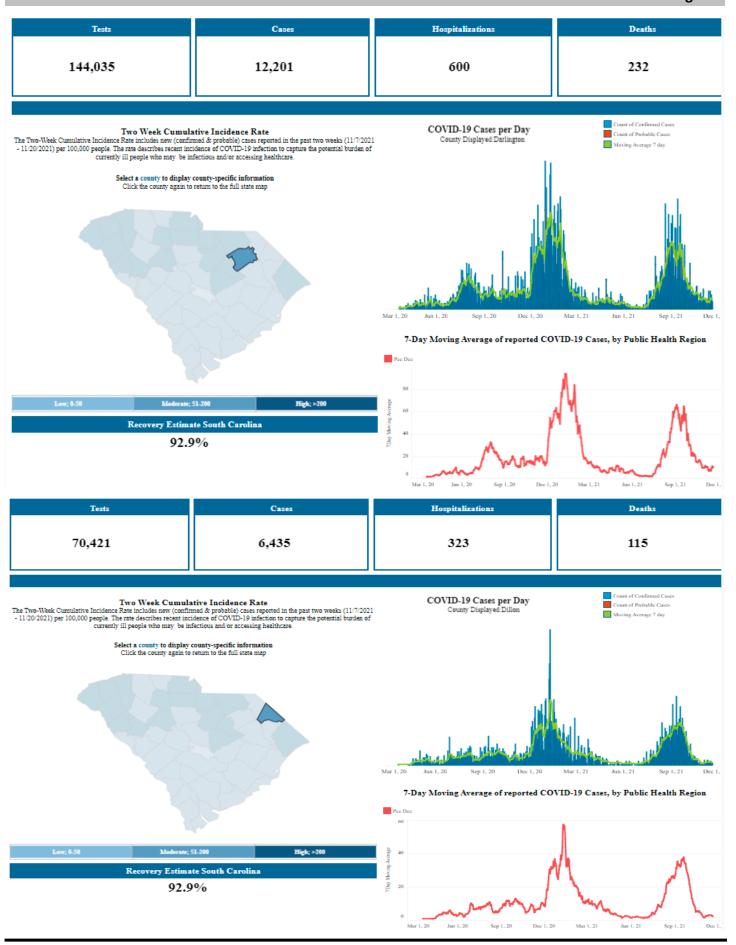
Two Week Cumulative Incidence Rate
The Two-Week Cumulative Incidence Rate includes new (confirmed & probable) cases reported in the past two weeks (11/7/2021
- 11/20/2021) per 100,000 people. The rate describes recent incidence of COVID-19 infaction to capture the potential burden of currently ill people who may be infectious and/or accessing healthcare.



92.9%



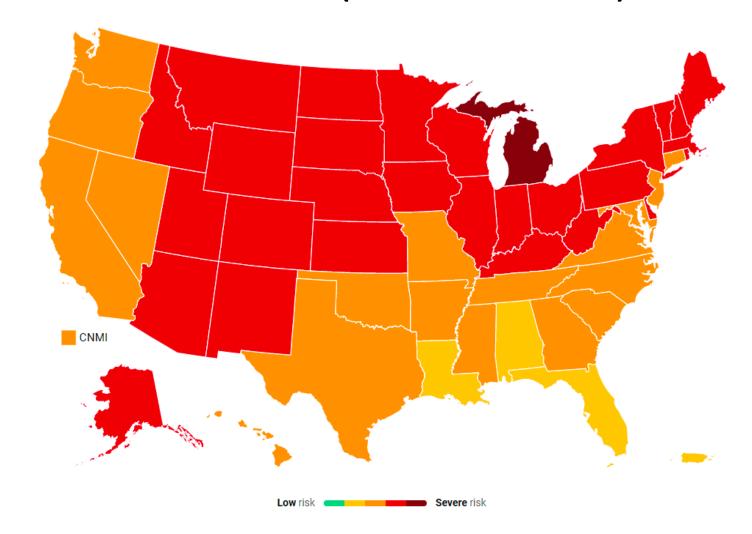


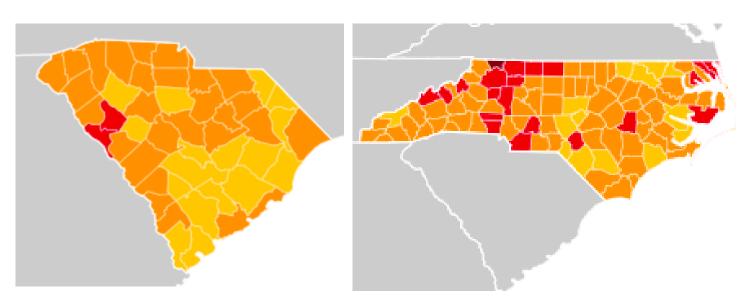


			Page 24
Tests	Cases	Hospitalizations	Deaths
42,051	2,630	166	77
The Two-Week Cumulative Incidence Rate includes new (confir - 11/20/2021) per 100,000 people. The rate describes recent inc currently ill people who may be in	ative Incidence Rate med & probable) cause reported in the past two weeks (1177/202) idence of COVID-19 infection to capture the potential burden of fectious and/or accessing healthcare. county-specific information	COVID-19 Cases per Day County Displayed:Lee	Count of Confirmed Cases Count of Probable Cases Moving Average 7 day
	county-specinic information return to the full state map	Mar 1, 20 Jun 1, 20 Sep 1, 20 Dec 1, 20 7-Day Moving Average of reported CO	Mar 1, 21 Jun 1, 21 Sep 1, 21 Dec 1
Low; 0.50 Moderate; Recovery Estima 92.9	te South Carolina	Pee Dee 15 10 10 10 10 10 10 10 10 10 10 10 10 10	D Mar 1, 21 Jun 1, 21 Sep 1, 21 Dec 1
Tests 59,080	Cases 4,897	Hospitalizations 267	Deaths 83
The Two-Week Cumulative Incidence Rate includes new (confir - 11/20/2021) per 100,000 people. The rate describes recent inc	ative Incidence Rate med & probable) cases reported in the past two weeks (11/7/2021 delience of COVID-19 infection to capture the potential burden of fectious and/or accessing healthcare.	COVID-19 Cases per Day County Displayed Mariboro	Count of Confirmed Cases Count of Probable Cases Moving Average 7 day
Select a county to display Click the county again to	county-specific information return to the full state map	Mar 1, 20 Jun 1, 20 Sep 1, 20 Dec 1, 20 7-Day Moving Average of reported CO	Mar 1, 21 Jun 1, 21 Sep 1, 21 Dec 1, VID-19 Cases, by Public Health Region
		Per Dec	A .

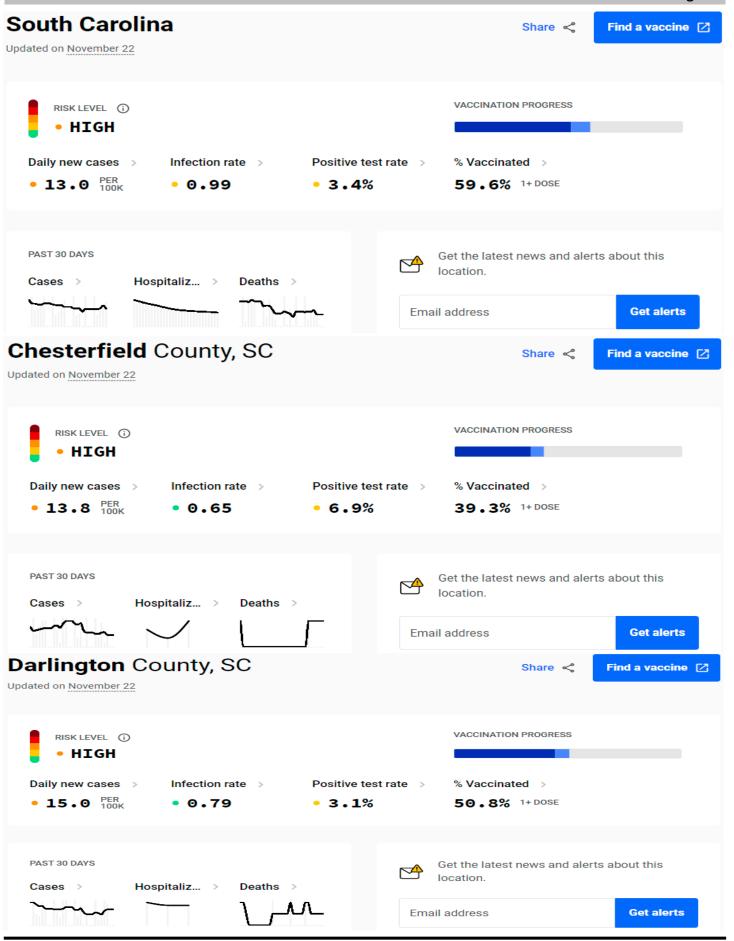
Recovery Estimate South Carolina 92.9%

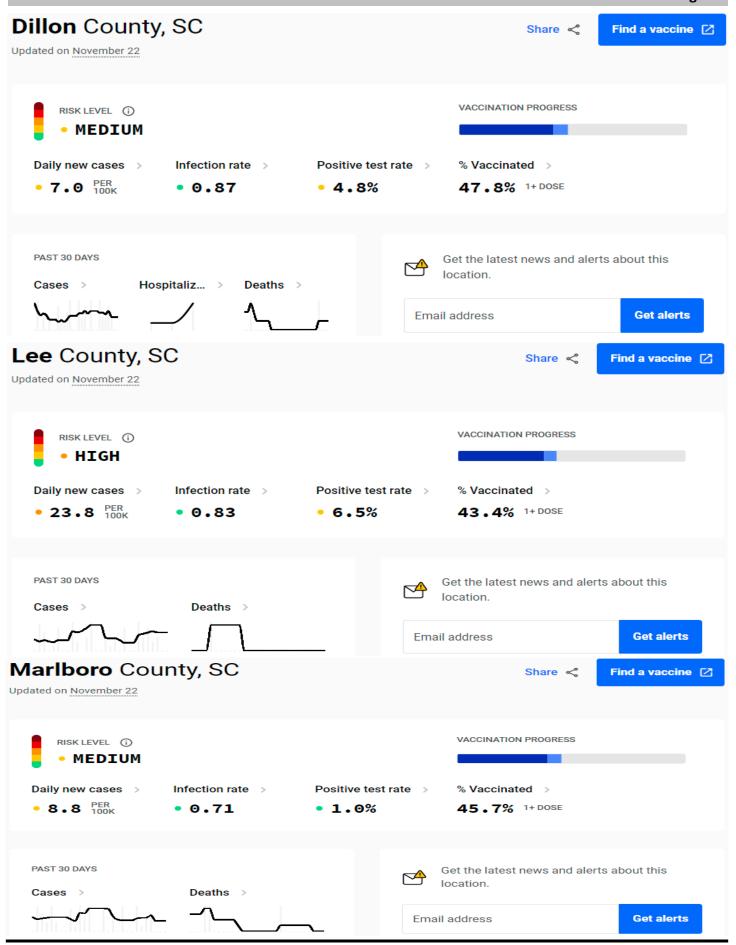
US Interventions Model (from Covid Act Now)





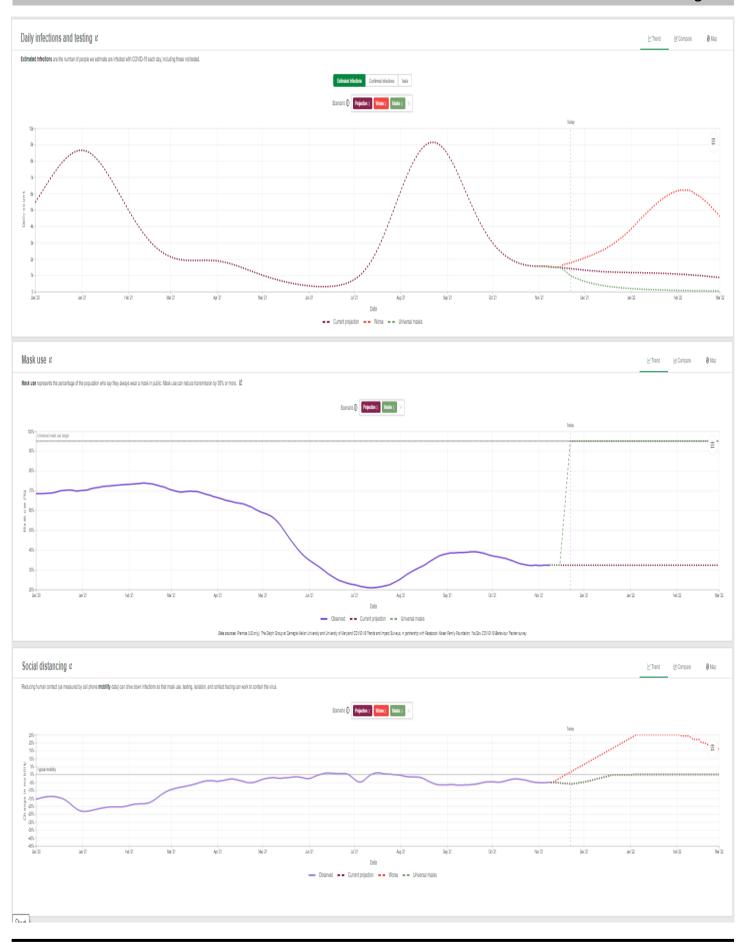
For more detailed information on a particular state or county, visit www.covidactnow.org.





IHME Model





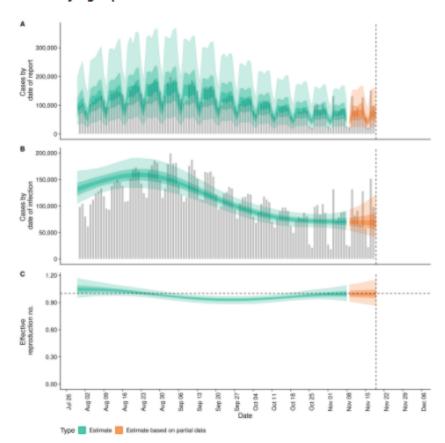
SC Reproduction Number Estimate

Summary (estimates as of the 2021-11-20)

Table 1: Latest estimates (as of the 2021-11-20) 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	67927 (41214 – 122624)
Expected change in daily cases	Stable
Effective reproduction no.	0.99 (0.86 - 1.2)
Rate of growth	-0.0032 (-0.038 – 0.041)
Doubling/halving time (days)	-220 (17 – -18)

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



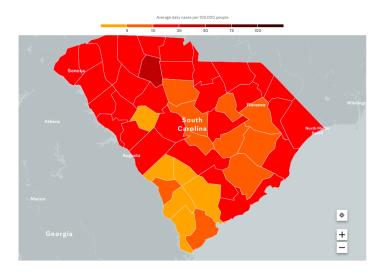


Mayo Clinic Covid Tracker Rate of New Cases

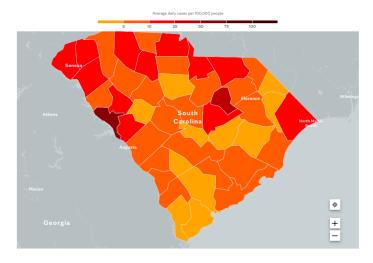
Current

Senety South Carolina Augusta Georgia

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/