Weekly Covid-19 Data Digest



June 1, 2021

Table of Contents

Local Data	Page 1	IHME Model	Page 28
Rankings/Risk Factors	Page 8	Reproduction Number Estimate	Page 30
CDC Information	Page 9	Healthcare Activity Data	Page 31
DHEC Information	Page 22	Resources	Page 31
US Interventions Model	Page 25		

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

DHEC Reported Active Cases by Zip Code (as of 5/28/21 at 11:59PM)

Chesterfield County					
Zip	Town	Cases	Per 1000 Pop		
	Cheraw	12	0.88		
29709	Chesterfield	4	0.60		
29718	Jefferson	9	2.06		
	McBee	12	3.95		
	Mt.Croghan	2	1.13		
	Pageland	9	0.94		
29584	Patrick	3	1.33		
29741	Ruby	0	0.00		
Unknown	or OOC Zip Cod	11	NIA		
County	Total	62	1.36		

Darlington County					
Zip	Town	Cases	Per 1000 Pop		
29532	Darlington	20	0.98		
29540	Darlington	7	1.55		
29550	Hartsville	52	1.59		
29069	Lamar	0	0.00		
29593	Society Hill	2	1.31		
Unknown	or OOC Zip Cod	2	NIA		
County	Total	83	1.25		

Dillon County					
Zip	Town	Cases	Per 1000 Pop		
	Dillon	13	0.77		
29543		0	0.00		
	Hamer	0	0.00		
29563	Lake View	2	0.96		
29565	Latta	2	0.27		
29567	Little Rock	0	0.00		
Unknown	or OOC Zip Cod	1	NIA		
County	Total	18	0.59		

Lee County					
Zip	Town	Cases	Per 1000 Pop		
29010	Bishopville	12	1.00		
29046		0	0.00		
29080	Lynchburg	0	0.00		
Unknown	or OOC Zip Cod	0	NIA		
County	Total	12	0.71		

Marlboro County					
Zip	Town	Cases	Per 1000 Pop		
	Bennettsville	41	2.31		
29516	Blenheim	1	0.97		
29525		5	2.37		
29570	McColl	10	2.83		
29594	Tatum	0	0.00		
29596	Wallace	2	0.92		
Unknown	or OOC Zip Cod	1	NIA		
County	Total	60	2.30		

Florenc	Florence County					
Zip	Town	Cases	Per 1000 Pop			
29530	Coward	0	0.00			
29541	Effingham	9	0.94			
29501	Florence	36	0.78			
29505	Florence	17	0.68			
29506	Florence	5	0.24			
	Johnsonville	5	0.87			
29560	Lake City	11	0.82			
29114	Olanta	2	1.19			
29583	Pamplico	4	0.72			
29591	Scranton	1	0.21			
29161	Timmonsville	11	0.92			
Unknown	or OOC Zip Cod	0	NIA			
County	Total	101	0.73			

Marion County						
Zip	Town	Cases	Per 1000 Pop			
29519	Centenary	0	0.00			
29546	Gresham	0	0.00			
29571	Marion	1	0.07			
29574	Mullins	3	0.28			
29581	Nichols	0	0.00			
29592	Sellers	0	0.00			
Unknown	or OOC Zip Cod	0	NIA			
County	Total	4	0.13			

Equal or less cases than previous report

More cases than previous report

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

Counties Ranked by Active Cases Per 1000 Pop.

Rank	County	Cases	Per 1000
1	Marlboro	60	2.30
2	Chesterfield	62	1.36
3	Darlington	83	1.25
4	Florence	101	0.73
5	Lee	12	0.71
6	Dillon	18	0.59
7	Marion	4	0.13

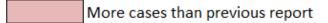
Top Ten Zip Codes by Active Cases Per 1000 Pop.

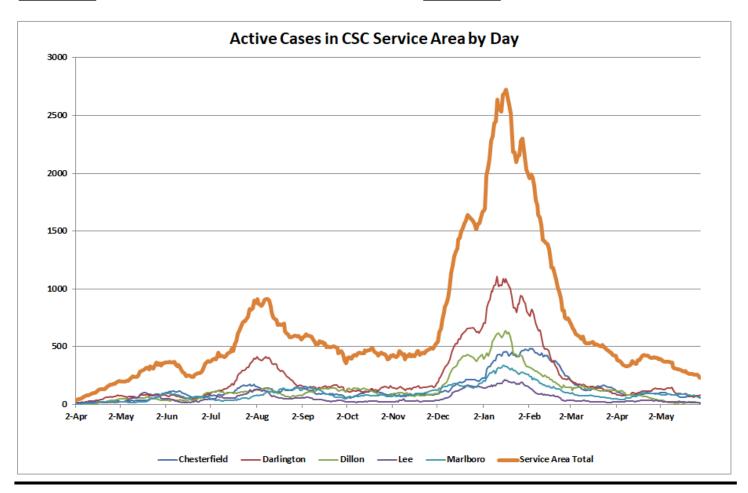
Rank	Town (Zip Code)	Cases	Per 1000
1	McBee (29101)	12	3.95
	McColl (29570)	10	2.83
	Clio (29525)	5	2.37
	Bennettsville (29512	41	2.31
	Jefferson (29718)	9	2.06
	Hartsville (29550)	52	1.59
7	Darlington (29540)	7	1.55
8	Patrick (29584)	3	1.33
9	Society Hill (29593)	2	1.31
10	Olanta (29114)	2	1.19

Top Ten Zip Codes by Total Active Cases

	Town (Zip Code)	Cases	Per 1000
1	Hartsville (29550)	52	1.59
	Bennettsville (29512	41	2.31
	Florence (29501)	36	0.78
	Darlington (29532)	20	0.98
	Florence (29505)	17	0.68
6	Dillon (29536)	13	0.77
7T	Bishopville (29010)	12	1.00
7T	Cheraw (29520)	12	0.88
	McBee (29101)	12	3.95
10T	Lake City (29560)	11	0.82
10T	Timmonsville (2916)	11	0.92

Equal or less cases than previous report



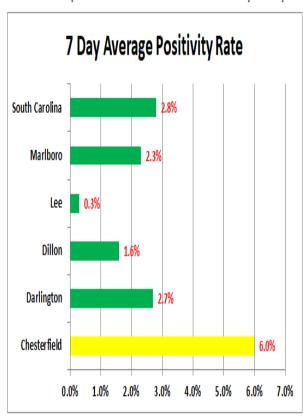


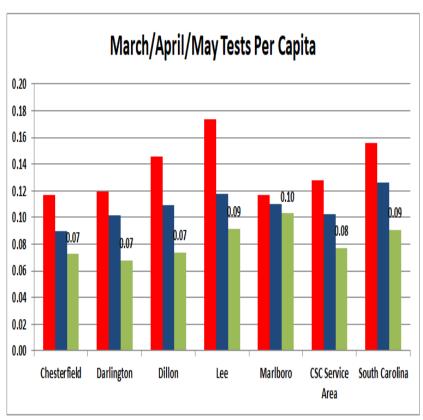
COVID-19 TOTAL CUMULATIVE CASES COMPARISON DATA (as of May 29, 2021)

			Cases Per	Rate Exce	eds:	
Geographic Unit	Population	Cases	100 Pop.	State*	Nation	World
Anson County, NC	25,289	2,607	10.31	Yes	Yes	Yes
Chesterfield County	45,650	4,880	10.69	No	Yes	Yes
Columbus County, NC	56,220	6,372	11.33	Yes	Yes	Yes
Darlington County	66,618	8,531	12.81	Yes	Yes	Yes
Dillon County	30,479	4,393	14.41	Yes	Yes	Yes
Florence County	138,293	17,849	12.91	Yes	Yes	Yes
Horry County	354,081	39,244	11.08	No	Yes	Yes
Kershaw County	66,551	7,542	11.33	No	Yes	Yes
Lancaster County	98,012	10,849	11.07	No	Yes	Yes
Lee County	16,828	1,926	11.45	No	Yes	Yes
Marion County	30,657	3,534	11.53	Yes	Yes	Yes
Marlboro County	26,118	3,438	13.16	Yes	Yes	Yes
Richmond County, NC	44,993	4,721	10.49	Yes	Yes	Yes
Robeson County, NC	130,529	16,609	12.72	Yes	Yes	Yes
Scotland County, NC	35,690	3,838	10.75	Yes	Yes	Yes
Sumter County	106,721	10,497	9.84	No	No	Yes
Union County, NC	242,657	24,659	10.16	Yes	Yes	Yes
South Carolina	5,148,714	592,243	11.50	N/A	Yes	Yes
North Carolina	10,630,691	1,001,154	9.42	N/A	No	Yes
United States	330,300,890	33,079,549	10.01	N/A	N/A	Yes
World	7,681,651,842	171,365,506	2.23	N/A	N/A	N/A

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

New case comparions unavailable due to Memorial Day holiday.





^{*** 24} Hr. Change -- Red indicates more new cases than previous 24 hour period, green indicates same or less (change includes those reclassified to a new location)

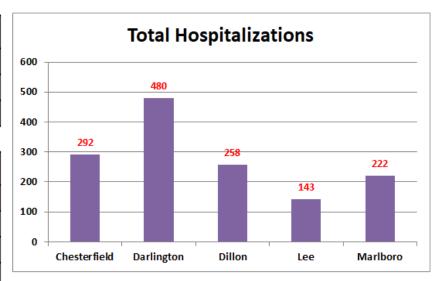
^{***} CAUTION -- Reporting reliability varies widely from country to country -- comparison based on total world population with uncertain validity of case reporting.

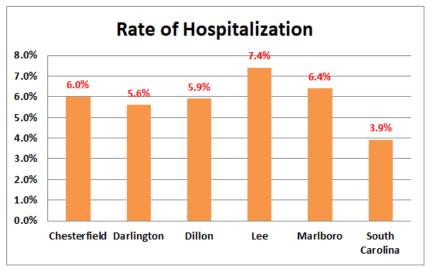
^{**** 24} Hr. changes may not match from previous day report due to changes/corrections made by reporting agencies.

^{******}SC figures include probable cases as defined by DHEC. NC figures available Monday-Saturday.

Long Term Care Facility Cases Within Past 30 Days				
County Facility Residents Staff				
Marlboro Dundee Manor 1				
* as reported by DHEC as of 5/26/21				

County	School	Students	Faculty
Chesterfield	Cheraw High	<5	(
Chesterfield	Cheraw Intermediate	<5	(
Chesterfield	Long Middle	<5	<
Chesterfield	McBee High	11	(
Chesterfield	Pageland Elementary	<5	(
Chesterfield	Ruby Elementary	0	<
Chesterfield	South Pointe Christian	<5	
Darlington	Brockington Elementary	<5	(
Darlington	Darlington High	<5	(
Darlington	Emmanuel Christian School	0	<
Darlington	Hartsville High	7	
Darlington	Hartsville Middle	<5	
Darlington	North Hartsville Elementary	0	<
Darlington	Rosenwald Elementary/Middle	<5	(
Darlington	Southside Early Childhood Center	<5	
Dillon	Dillon Middle	<5	
Dillon	East Elementary	<5	
Dillon	Lake View High	<5	(
Lee	Dennis Elementary	<5	
Lee	Lee Central High	<5	
Marlboro	Bennettsville Primary	<5	
Marlboro	Blenheim Middle	22	<'
Marlboro	Clio Elementary/Middle	<5	(
Marlboro	Marlboro County High	<5	(
Marlboro	McColl Elementary/Middle	<5	
Marlboro	Wallace Elementary/Middle	<5	
* as reported by	DHEC as of 5/26/21		





Hospital Utilization

	Covid	ICU	Covid	Percent
County	Patients	Covid Pts.	Pts. Vent.	Occupied
Chesterfield	3	1	1	50.0%
Clarendon	1	0	0	44.9%
Darlington	3	2	2	51.7%
Dillon	1	0	0	69.2%
Florence	18	8	6	86.6%
Georgetown	15	5	2	90.7%
Horry	22	8	3	87.5%
Marion	0	0	0	76.5%
Sumter	2	0	0	56.5%
Williamsburg	0	0	0	68.8%
Total	65	24	14	79.5%

Note: Data as reported by DHEC.

DHEC Reported Vaccine Recipients by Zip Code -- Age 16 & Older (as of 5/28/21 at 11:59PM)

Chesterfield County			
Zip	Town	Recipients	% of Pop
29520	Cheraw	4691	38.6%
29709	Chesterfield	2102	37.3%
29718	Jefferson	902	24.7%
29101	McBee	777	31.0%
29727	Mt.Croghan	376	24.1%
29728	Pageland	1950	24.3%
29584	Patrick	680	34.2%
29741	Ruby	548	24.9%
Unknown	or OOC Zip Code	527	N/A
County To	tal	12553	31.7%

Darlington County			
Zip	Town	Recipients	% of Pop
29532	Darlington	6311	35.2%
29540	Darlington	1865	46.6%
29550	Hartsville	13397	47.8%
29069	Lamar	1595	40.3%
29593	Society Hill	549	38.3%
Unknown or OOC Zip Code		1312	N/A
County To	tal	25029	43.6%

Dillon County			
Zip	Town	Recipients	% of Pop
29536	Dillon	4675	26.3%
29543	Fork	277	48.3%
29547	Hamer	742	29.5%
29563	Lake View	855	45.2%
29565	Latta	2097	35.4%
29567	Little Rock	217	61.0%
Unknown	or OOC Zip Code	355	N/A
County To	tal	9218	36.2%

Lee County			
Zip	Town	Recipients	% of Pop
29010	Bishopville	3765	34.9%
29080	Lynchburg	668	26.3%
Unknown or OOC Zip Code		745	N/A
County Total 5178			34.0%

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

Marlboro County			
Zip	Town	Recipients	% of Pop
29512	Bennettsville	4520	29.2%
29516	Blenheim	239	28.6%
29525	Clio	590	33.5%
29570	McColl	822	26.2%
29596	Wallace	634	34.1%
Unknown	or OOC Zip Code	77	N/A
County Total 6882 29.			29.7%

Zip Codes with Highest % of Recipients			
Rank	Town	Zip	% of Pop
1	Little Rock	29567	61.0%
2	Fork	29543	48.3%
3	Hartsville	29550	47.8%
4	Darlington	29540	46.6%
5	Lake View	29563	45.2%
6	Lamar	29069	40.3%
7	Cheraw	29520	38.6%
8	Society Hill	29593	38.3%
9	Chesterfield	29709	37.3%
10	Latta	29565	35.4%

Zip Codes with Lowest % of Recipients			
Rank	Town	Zip	% of Pop
1	Mt. Croghan	29727	24.1%
2	Pageland	29728	24.3%
3	Jefferson	29718	24.7%
4	Ruby	29741	24.9%
5	McColl	29570	26.2%
6T	Dillon	29536	26.3%
6T	Lynchburg	29080	26.3%
8	Blenheim	29516	28.6%
9	Bennettsville	29512	29.2%
10	Hamer	29547	29.5%

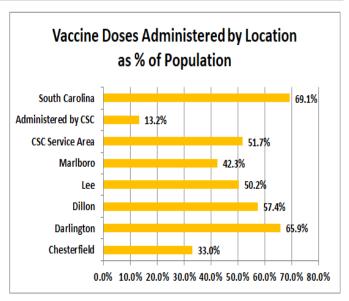
Counties Ranked by Recipients % of Pop.			
Rank	County	Recipients	% of Pop
1	Darlington	25029	43.6%
2	Dillon	9218	36.2%
3	Lee	5178	34.0%
4	Chesterfield	12553	31.7%
5	Marlboro	6882	29.7%
CSC Service Area		58860	39.2%

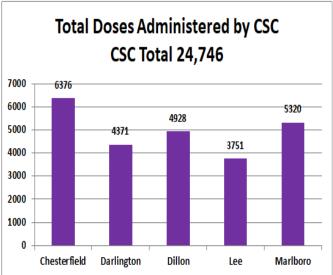
Percentage of Residents Vaccinated by Race, Sex and Ethnicity*								
County	County Black White Asian/AIAN Hispanic Fer							
Chesterfield	24.8%	28.6%	30.0%	22.0%	61.6%	28.3%		
Darlington	35.5%	41.2%	51.6%	39.7%	46.5%	40.2%		
Dillon	29.4%	39.5%	19.5%	16.4%	39.8%	32.2%		
Lee	27.0%	32.7%	45.3%	21.5%	40.0%	28.2%		
Marlboro	25.7%	29.1%	49.5%	10.4%	35.1%	24.7%		
CSC Service Area	29.7%	35.4%	35.1%	23.6%	47.0%	32.5%		

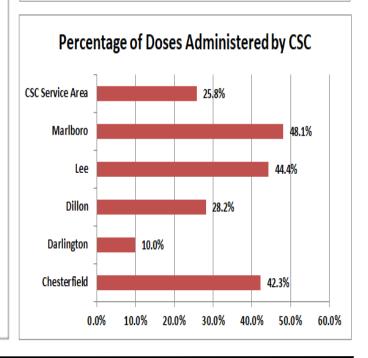
MUSC Estimated

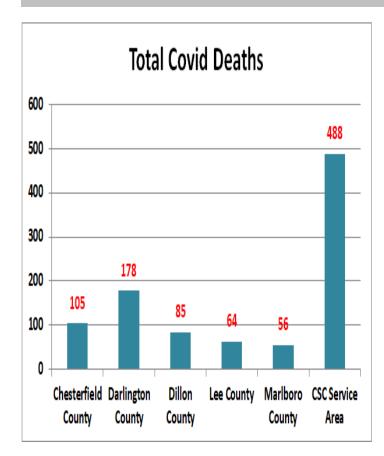
Percentage of Immunity

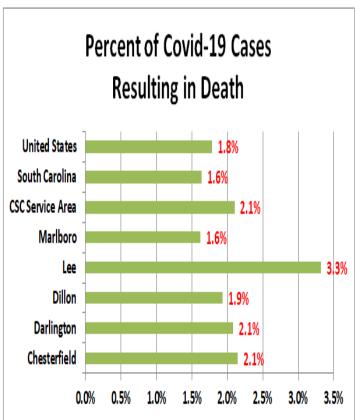
		Pct with natural			
	Pct with	immunity			
	vaccine	(minus vaccine	Lower	Pct with any	Upper
County	immunity	immunity)	Range	Immunity	Range
Abbeville	30%	30%	55%	60%	66%
Aiken	28%	30%	52%	57%	63%
Allendale	31%	25%	50%	56%	61%
Anderson	28%	34%	57%	63%	69%
Bamberg	29%	26%	50%	55%	60%
Barnwell	27%	33%	55%	61%	67%
Beaufort	37%	24%	55%	60%	66%
Berkeley	27%	22%	45%	49%	53%
Calhoun	29%	23%	48%	52%	57%
Charleston	42%	27%	63%	68%	74%
Cherokee	21%	33%	48%	53%	59%
Chester	27%	37%	58%	64%	71%
Chesterfield	23%	30%	49%	54%	60%
Clarendon	30%	28%	53%	58%	64%
Colleton	28%	26%	49%	54%	60%
Darlington	32%	36%	62%	68%	75%
Dillon	26%	40%	60%	66%	73%
Dorchester	30%	33%	57%	63%	70%
Edgefield	29%	33%	57%	63%	69%
Fairfield	33%	28%	56%	62%	68%
Florence	32%	36%	62%	68%	75%
Georgetown	42%	29%	65%	70%	77%
Greenville	34%	43%	69%	77%	85%
Greenwood	32%	33%	59%	65%	71%
Hampton	32%	25%	52%	57%	63%
Horry	36%	31%	61%	67%	74%
Jasper	23%	21%	39%	43%	48%
Kershaw	29%	31%	54%	60%	66%
	26%	34%	54%	60%	67%
Lancaster	25%		53%	59%	65%
Laurens		33%			
Lee	26% 32%	28%	49% 60%	54% 66%	60%
Lexington		33%			72%
Marion	30%	32%	57%	62%	68%
Marlboro	23%	35%	52%	58%	64%
McCormick	44%	32%	70%	76%	83%
Newberry	31%	36%	61%	67%	74%
Oconee	31%	37%	61%	68%	74%
Orangeburg	31%	31%	57%	62%	68%
Pickens	28%	44%	65%	73%	81%
Richland	33%	29%	56%	62%	68%
Saluda	26%	23%	44%	48%	53%
Spartanburg	26%	40%	59%	66%	73%
Sumter	25%	27%	46%	51%	57%
Union	26%	35%	55%	61%	68%
Williamsburg	32%	35%	61%	67%	74%
York	27%	36%	56%	62%	69%
Whole state	31%	33%	58%	64%	71%

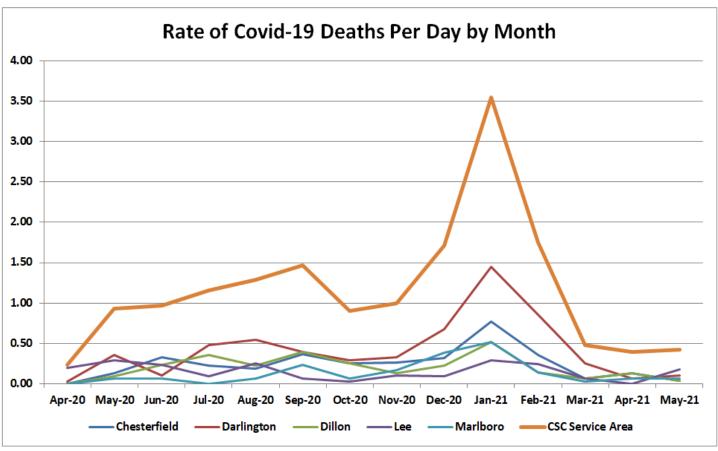












Rankings/ Risk Factors

Harvard Global Health Institute Risk Levels					
County	SC Rank*	US Rank**			
Marlboro County	Orange	1	141		
Chesterfield County	Orange	5	693		
Lee County	Yellow	13	1089		
Darlington County	Yellow	14	1201		
Dillon County	Yellow	36	2100		
* out of 46 counties ** out of 3142 counties or equivalents					

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

CDC County Alert Zones			
County Transmission Level			
Chesterfield County	Substantial		
Darlington County	Substantial		
Dillon County	Moderate		
Lee County	Substantial		
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*				
Marlboro County	41			
Chesterfield County	135			
Dillon County	164			
Darlington County	254			
Lee County 362				
* out of 3142 counties or equivalents				

Vaccine Recipient Rate SC Rank				
County Rank*				
Darlington County	14			
Dillon County	38			
Lee County	42			
Chesterfield County	44			
Marlboro County 45				
* out of 46 counties (age 16 & older)				

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

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

CDC Information:



STATE PROFILE REPORT 05.21.2021

CHANGE FROM

SOUTH CAROLINA

STATE SYNOPSIS

RATE OF NEW COVID-19 CASES PER 100,000

VIRAL (RT-PCR) LAB TEST 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 18+ RECEIVED AT LEAST 1 DOSE

PEOPLE FULLY VACCINATED

PEOPLE 18+ FULLY VACCINATED

LAST WEEK	PREVIOUS WEEK			
44	-33%			
3.4%	-0.4%			
3	-9%			
0.3	-65%			
MODEDATE TRANSMISSION				

2,034,116 people	39.5% of total pop.

1,996,630 people 49.5% of 18+ pop. 1,667,179 people 32.4% of total pop.

1,650,147 people 40.9% of 18+ pop.

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 COVID-Data-RFI@hhs.gov.



COVID-19

STATE PROFILE REPORT | 05.21.2021

	STATE		STATE, % CHANGE FROM PREVIOUS WEEK		FEMA/HHS REGION		UNITED STATES		
NEW COVID-19 CASES (RATE PER 100,000)	2,266 (44)		-33	-33%		43,055 (64)		184,116 (55)	
VIRAL (RT-PCR) LAB TEST POSITIVITY RATE	3.4%		-0.4	1 %*	4.6%		2.9	9%	
TOTAL VIRAL (RT-PCR) LAB TESTS (TESTS PER 100,000)	56,076** (1,089**)		-29	%**	935,1 (1,39			,244** 03**)	
COVID-19 DEATHS (RATE PER 100,000)	1 ¹ (0.	-	-6	5%		98 .2)	3,402 (1.0)		
SNFs WITH ≥1 NEW RESIDENT COVID-19 CASE	2%†		+0%*		3%		3%		
SNFs WITH ≥1 NEW STAFF COVID-19 CASE	7%†		-1%*		9%		8%		
SNFs WITH ≥1 NEW RESIDENT COVID-19 DEATH	0%†		-1%*		19	1%		1%	
CONFIRMED AND SUSPECTED NEW COVID-19 HOSPITAL ADMISSIONS (RATE PER 100 BEDS)		473 (5)		-13% (-13%)		652 7)	,	,727 8)	
CONFIRMED NEW COVID-19 HOSPITAL ADMISSIONS (RATE PER 100 BEDS)		248 (3)		% %)	6,310 (4)		23,605 (3)		
NUMBER OF HOSPITALS WITH SUPPLY SHORTAGES (PERCENT)	14 (21%)		+0	+0%		50 (5%)		18 %)	
NUMBER OF HOSPITALS WITH STAFF SHORTAGES (PERCENT)	18 (27%)		+0%		102 (11%)		631 (12%)		
COVID-19 VACCINE SUMMARY AS OF 5/21/2021	PEOPLE 2,034,116	PCT OF POP 39.5%	PEOPLE PCT OF 18+ 18+ POP 1,996,630 49.5%		PEOPLE FULLY VAC PCT OF POP 1,667,179 32.4%		PEOPLE 18+ 1,650,147	PCT OF 18+ POP 40.9%	

^{&#}x27;Indicates absolute change in percentage points.

DATA SOURCES

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

Cases and Deaths: State values are aggregated data provided by the states to the CDC. Historical reports of cases and deaths exceeding 1% of the total new cases or deaths reported in the US that day have been excluded. Data is through 5/20/2021; previous week is from 5/7 to 5/13.

Testing: CELR (COVID-19 Electronic Lab Reporting) state health department-reported data. Test positivity through 5/18/2021; previous week is from 5/5 to 5/11. Test volume through 5/14/2021; previous week is from 5/1 to 5/7.

SNFs: Skilled nursing facilities. National Healthcare Safety Network. Data is through 5/16/2021, previous week is from 5/3 to 5/9.

Admissions: Unified Hospitals Dataset in HHS Protect. Data is through 5/19, previous week is from 5/6 to 5/12.

Shortages: Unified Hospitals Dataset in HHS Protect. Values presented show the latest reports from hospitals in the week ending 5/19/2021 for staffing and the week ending

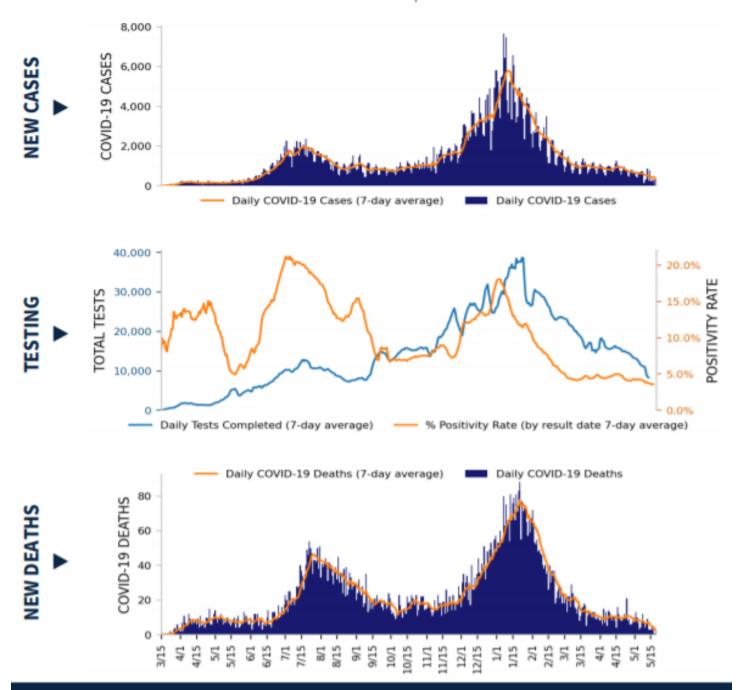
Data includes the Moderna, Pfizer BioNTech, and J&J/Janssen COVID-19 vaccines and reflects current data available as of 14:20 EDT on 05/21/2021. Data last updated 06:00 EDT on 05/21/2021. Persons who are fully vaccinated include those who have received both doses of the Moderna or Pfizer-BioNTech vaccine 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. Currently, few persons under age 18 are being vaccinated; this group represents -22% of the US population and the percentage varies by jurisdiction. 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.

^{† 92%} of facilities reported during the most current week



STATE PROFILE REPORT | 05.21.2021



DATA SOURCES

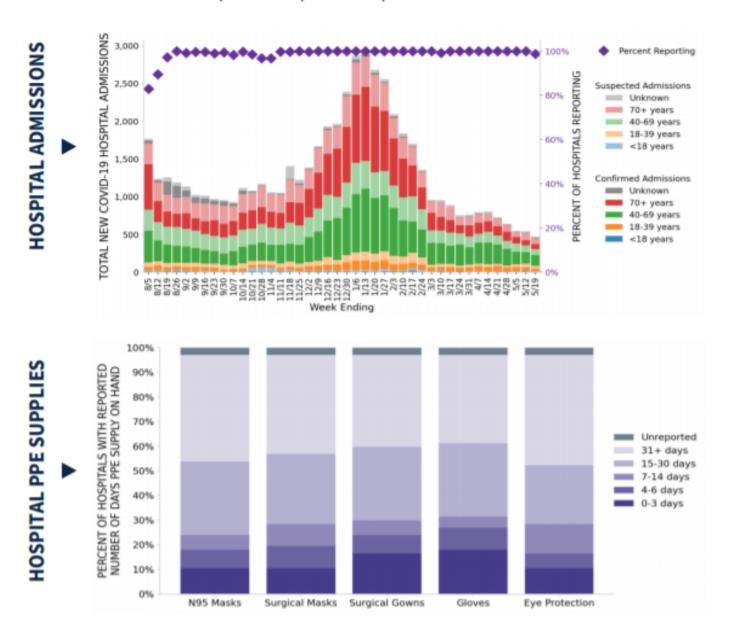
Note: Some dates may have incomplete data due to delays in reporting. Data may be backfilled over time, resulting in week-to-week changes. All three trends share the same horizontal axis shown on the bottom figure.

Cases and Deaths: State values are aggregated data provided by the states to the CDC. Historical cases and deaths exceeding 1% of the total new cases or deaths reported in the US that day have been excluded. Data is through 5/20/2021.

Testing: CELR (COVID-19 Electronic Lab Reporting) state health department-reported data. Test positivity through 5/18/2021. Test volume through 5/14/2021. METHODS: Details available on last two pages of report.

STATE PROFILE REPORT | 05.21.2021

67 hospitals are expected to report in South Carolina



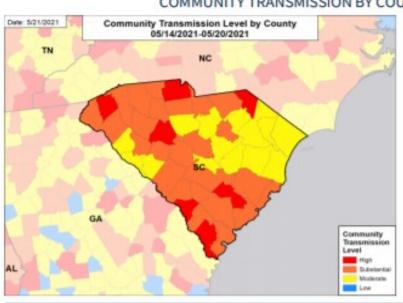
DATA SOURCES

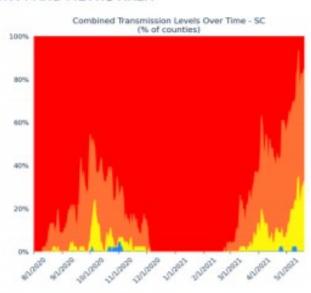
Hospitalizations: Unified Hospitals Dataset in HHS Protect. These data exclude psychiatric, rehabilitation, and religious non-medical hospitals. Hospitals explicitly identified by states/regions as those from which we should not expect reports were excluded from the percent reporting figure. Data is through 5/19/2021.

PPE: Unified Hospitals Dataset in HHS Protect. These data exclude psychiatric, rehabilitation, and religious non-medical hospitals. Values presented show the latest reports from hospitals in the week ending 5/19/2021.



STATE PROFILE REPORT | 05.21.2021 COMMUNITY TRANSMISSION BY COUNTY AND METRO AREA





COUNTIES AND METRO AREAS BY COMBINED TRANSMISSION LEVEL

CATEGORY	LOW TRANSMISSION BLUE	MODERATE TRANSMISSION YELLOW	SUBSTANTIAL TRANSMISSION ORANGE	HIGH TRANSMISSION RED
# OF COUNTIES (CHANGE)	0 (0)	15 (0)	24 (0)	7 (0)
# OF METRO AREAS (CHANGE)	0 (0)	4 (+1)	12 (0)	2 (+1)

All Yellow Counties: Horry, Florence, Sumter, Darlington, Georgetown, Kershaw, Williamsburg, Edgefield, Dillon, Fairfield, Calhoun, Abbeville, Marion, Clarendon, McCormick

All Yellow CBSAs: Myrtle Beach-Conway-North Myrtle Beach, Florence, Sumter, Georgetown

All Orange Counties: Greenville, Charleston, Richland, Spartanburg, Berkeley, Anderson, Lexington, Beaufort, Aiken, Orangeburg, Lancaster, Greenwood, Oconee, Laurens, Cherokee, Chesterfield, Colleton, Chester, Union, Barnwell, Saluda, Lee, Hampton, Bamberg

All Orange CBSAs: Greenville-Anderson, Charleston-North Charleston, Columbia, Charlotte-Concord-Gastonia, Spartanburg, Hilton Head Island-Bluffton, Augusta-Richmond County, Orangeburg, Greenwood, Seneca, Gaffney, Union

All Red Counties: York, Dorchester, Pickens, Newberry, Marlboro, Jasper, Allendale

All Red CBSAs: Newberry, Bennettsville

DATA SOURCES

Maps and figures reflect 7-day average of data from 5/14-5/20 (cases), 5/12-5/18 (tests). Metro areas and counties are listed in order of the total number of cases in the last week from largest to smallest.

Note: Most recent days may have incomplete reporting.

Cases: County-level data is from a CDC managed aggregate county dataset compiled from state and local health departments; therefore, the values may not match those reported directly by the state. Data is through 5/20/2021.

Testing: CELR (COVID-19 Electronic Lab Reporting) state health department-reported data. Data is through 5/18/2021.

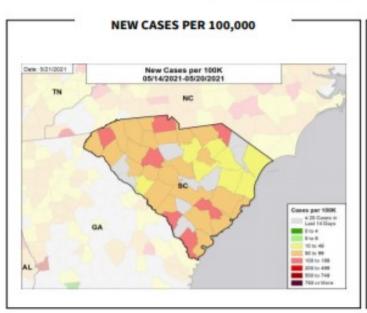
Combined Transmission Level: If the two indicators suggest different transmission levels, the higher level is selected. Previous week transmission levels are computed based on current data. See COVID Data Tracker.

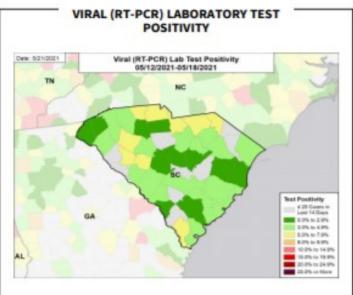
COVID-19

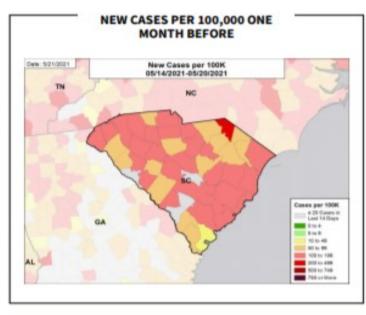
SOUTH CAROLINA

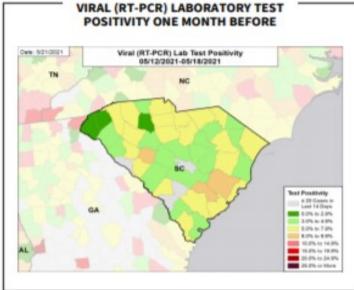
STATE PROFILE REPORT | 05.21.2021

CASE RATES AND VIRAL LAB TEST POSITIVITY









DATA SOURCES

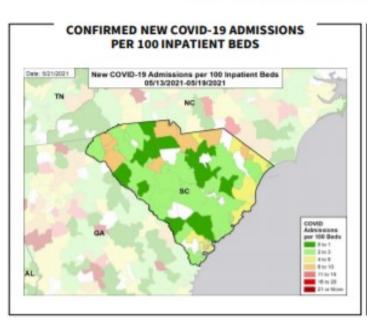
Note: Some dates may have incomplete data due to delays in reporting. Data may be backfilled over time, resulting in week-to-week changes.

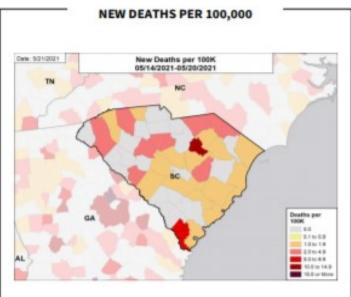
Cases: County-level data is from a CDC managed aggregate county dataset compiled from state and local health departments; therefore, the values may not match those reported directly by the state. Data is through 5/20/2021. The week one month before is from 4/16 to 4/22.

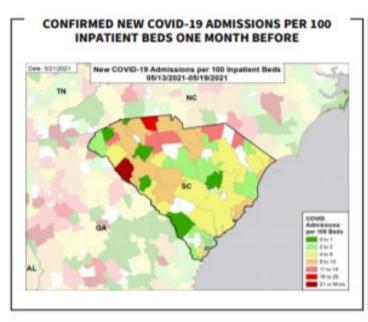
Testing: CELR (COVID-19 Electronic Lab Reporting) state health department-reported data through 5/18/2021. The week one month before is from 4/14 to 4/20.

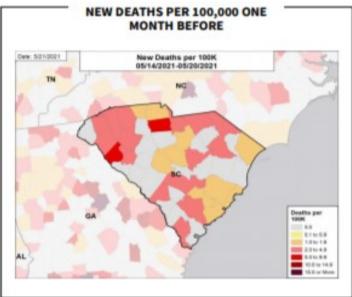
STATE PROFILE REPORT | 05.21.2021

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.

Deaths: County-level data is from a CDC managed aggregate county dataset compiled from state and local health departments; therefore, the values may not match those reported directly by the state. Data is through 5/20/2021. The week one month before is from 4/16 to 4/22.

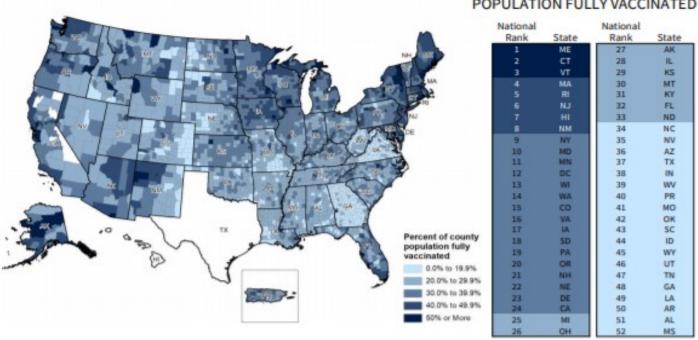
Hospitalizations: Unified Hospitals Dataset in HHS Protect. Totals include only confirmed COVID-19 admissions. Data is through 5/19/2021. The week one month before is from 4/15 to 4/21.

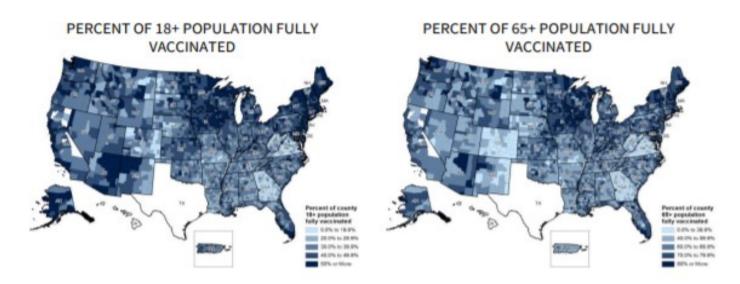


National Picture: Vaccinations

PERCENT OF POPULATION FULLY VACCINATED

NATIONAL RANKING OF POPULATION FULLY VACCINATED





DATA SOURCES

Vaccinations: COMP Data Touches. Data includes the Moderna, Pfizer BioNTech, and J&J/Janssen COVID-19 vaccines and reflects current data available as of 14:20 EDT on 05/21/2021. Data last updated 06:00 EDT on 05/21/2021. 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. Currently, few persons under age 18 are being vaccinated; this group represents ~22% of the US population and the percentage varies by jurisdiction. The following states have s80% completeness reporting vaccinations by county, which may result in underestimates of vaccination data for counties: NM (79%), VT (74%), CO (71%), WV (54%), VA (51%), GA (48%), TX (0%), and HI (0%).

METHODS: Details available on last two pages of report.



National Picture: Cases

NEW CASES PER 100,000

Date: 5/21/2021 New Cases per 100K 05/14/2021-05/20/2021 Cases per 100K © 20 Cases in Leat 14 Days 10 to 49 10 to 49 10 to 199 100 to 190 100

NATIONAL RANKING OF NEW CASES PER 100,000

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

NEW CASES PER 100,000 IN THE WEEK:

500 to 749 750 or More

ONE MONTH BEFORE



TWO MONTHS BEFORE



THREE MONTHS BEFORE



DATA SOURCES

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

Cases: County-level data is from a CDC managed aggregate county dataset compiled from state and local health departments; therefore, the values may not match those reported directly by the state. State values are aggregated data provided by the states to the CDC. The week one month before is from 4/16 to 4/22; the week two months before is from 3/19 to 3/25; the week three months before is from 2/19 to 2/25. Due to database maintenance, Rhode Island did not allocate cases this week to counties; therefore counties show no cases in the last week whereas they are present in state level data.

METHODS: Details available on last two pages of report.



National Picture: RT-PCR Test Positivity

VIRAL (RT-PCR) LAB TEST POSITIVITY

Date: 5/21/2021 Viral (RT-PCR) Lab Test Positivity 05/12/2021-05/18/2021 Test Positivity 4: 20 Cases in Last 14 Days 0.0% to 4.9% 3.0% to 4.9% 5.0% to 14 9% 15.0% to 14 9% 15.0% to 19 9%

NATIONAL RANKING OF TEST POSITIVITY

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

VIRAL (RT-PCR) LAB TEST POSITIVITY IN THE WEEK:

ONE MONTH BEFORE



TWO MONTHS BEFORE



THREE MONTHS BEFORE



DATA SOURCES

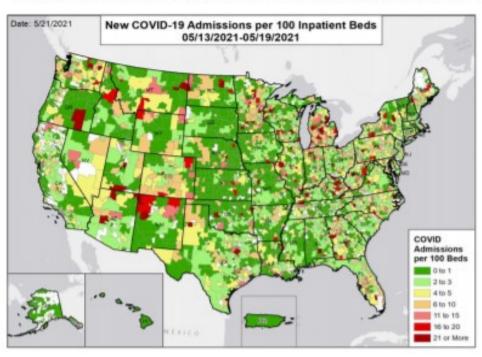
Note: Some dates may have incomplete data due to delays in reporting. Data may be backfilled over time, resulting in week-to-week changes. Testing: Combination of CELR (COVID-19 Electronic Lab Reporting) state health department-reported data and HHS Protect laboratory data (provided directly to Federal Government from public health labs, hospital labs, and commercial labs) through 5/18/2021. The week one month before is from 4/14 to 4/20; the week two months before is from 3/17 to 3/23; the week three months before is from 2/17 to 2/23. METHODS: Details available on last two pages of report.

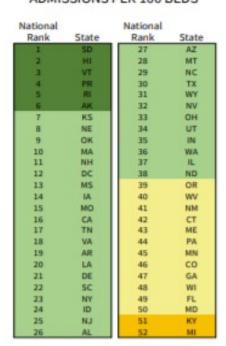


National Picture: Hospital Admissions

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

Admissions: Unified Hospitals Dataset in HHS Protect through 5/19/2021. 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 4/15 to 4/21; the week two months before is from 3/18 to 3/24; the week three months before is from 2/18 to 2/24.



National Picture: Deaths

NEW DEATHS PER 100,000

Deaths per 100K 05/14/2021-05/20/2021 Deaths per 100K 0.0 0.1 to 0.9 1.0 to 1.9 2.0 to 4.9 1.0 to 4.9 1.0 to 9.9 1.0 to 1.4.9 1.5.0 or More

NATIONAL RANKING OF NEW DEATHS PER 100,000

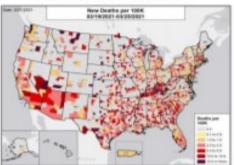
National Rank	State	National Rank	State
1	AL	27	co
2	WY	28	TX
3	MO	29	VA
4	HI	30	AZ
5	CA	31	WV
6	sc	32	NY
7	ND	33	LA
8	DE	34	MN
9	RI	35	NH
10	VT	36	IN
11	WI	37	CT
12	MS	38	MA
13	MT	39	KY
14	NM	40	GA
15	TN	41	SD
16	UT	42	PR
17	OR	43	ME
18	KS	44	DC
19	AR	45	OH
20	WA	46	NJ
21	MD	47	MI
22	NV	48	IL
23	IA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

NEW DEATHS PER 100,000 IN THE WEEK:

ONE MONTH BEFORE



TWO MONTHS BEFORE



THREE MONTHS BEFORE



DATA SOURCES

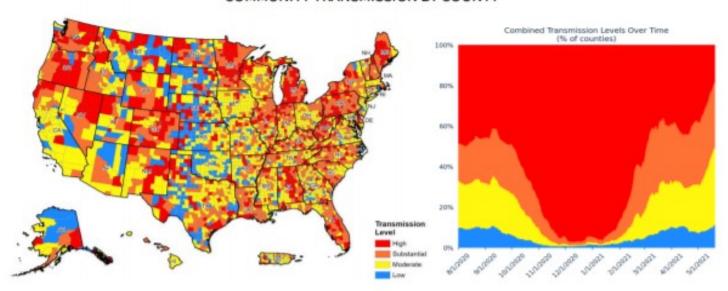
Note: Some dates may have incomplete data due to delays in reporting. Data may be backfilled over time, resulting in week-to-week changes.

Deaths: County-level data is from a CDC managed aggregate county dataset compiled from state and local health departments; therefore, the values may not match those reported directly by the state. State values are aggregated data provided by the states to the CDC. Puerto Rico is shown at the territory level as deaths are not reported at the municipio level. As of 3/2/2021, Ohio changed their method of reporting COVID-19 deaths and will report deaths on the day of death, not the day of report, which could result in a fluctuation in the number of deaths from recent weeks due to delayed reporting. The week one month before is from 4/16 to 4/22; the week two months before is from 3/19 to 3/25; the week three months before is from 2/19 to 2/25. Nebraska corrected previously reported deaths on 5/15 and 5/19, resulting in a decrease in the total deaths over the pandemic. As such, weekly counts and week-on-week changes are not reflective of true values. Due to database maintenance, Rhode Island did not allocate deaths this week to counties; therefore counties show no deaths in the last week whereas they are present in state level data.

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	0109	10 TO 49	50 TO 99	100 +
# OF COUNTIES (CHANGE)	393 (+92)	1299 (+195)	1051 (+37)	477 (+250)
% OF COUNTIES (CHANGE)	12.2% (+2.9%)	40.3% (+6.1%)	32.6% (+1.1%)	14.8% (+7.8%)
TEST POSITIVITY	0.0% TO 4.9%	5.0% TO 7.9%	8.0% TO 9.9%	10.0% +
# OF COUNTIES (CHANGE)	2241 (+266)	605 (+132)	167 (+39)	207 (+95)
% OF COUNTIES (CHANGE)	69.6% (+8.3%)	18.8% (+4.1%)	5.2% (+1.2%)	6.4% (+3.0%)

COUNTIES BY COMBINED TRANSMISSION LEVEL

CATEGORY	LOW TRANSMISSION BLUE	MODERATE TRANSMISSION YELLOW	SUBSTANTIAL TRANSMISSION ORANGE	HIGH TRANSMISSION RED
# OF COUNTIES (CHANGE)	358 (+79)	1221 (+221)	1041 (+1)	600 (+299)
% OF COUNTIES (CHANGE)	11.1% (+2.5%)	37.9% (+6.9%)	32.3% (+0.0%)	18.6% (+9.3%)

DATA SOURCES

Maps and figures reflect 7-day average of data from 5/14-5/20 (cases), 5/12-5/18 (tests).

Note: Most recent days may have incomplete reporting.

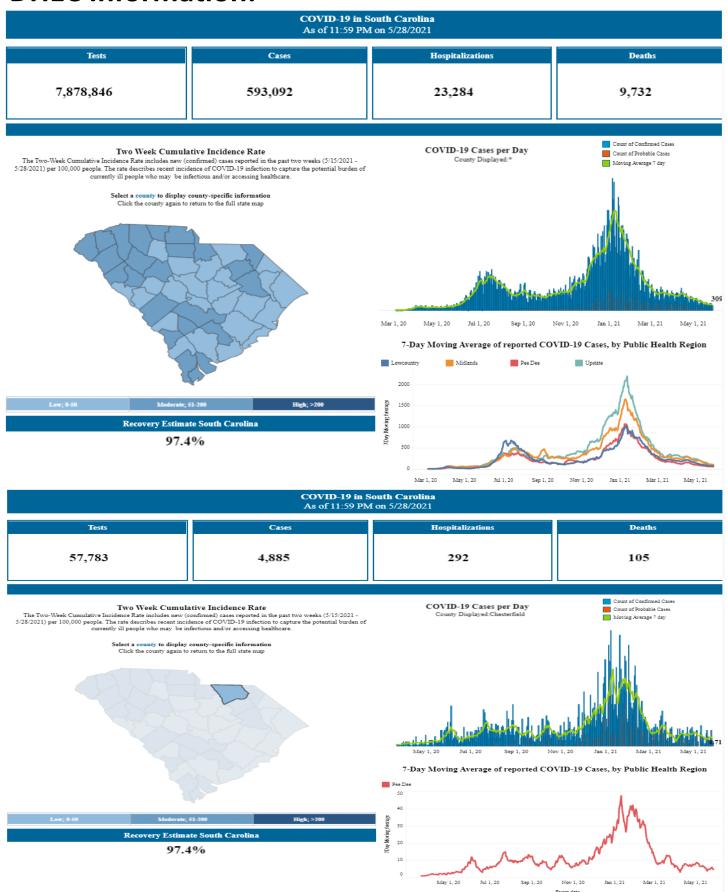
Cases: County-level data is from a CDC managed aggregate county dataset compiled from state and local health departments; therefore, the values may not match those reported directly by the state Data is through 5/20/2021. Due to database maintenance, Rhode Island did not allocate cases this week to counties; therefore counties show no cases in the last week whereas they are present in state level data.

Testing: Combination of CELR (COVID-19 Electronic Lab Reporting) state health department reported data and HHS Protect laboratory data (provided directly to Federal Government from public health labs, hospital labs, and commercial labs). Data is through 5/18/2021.

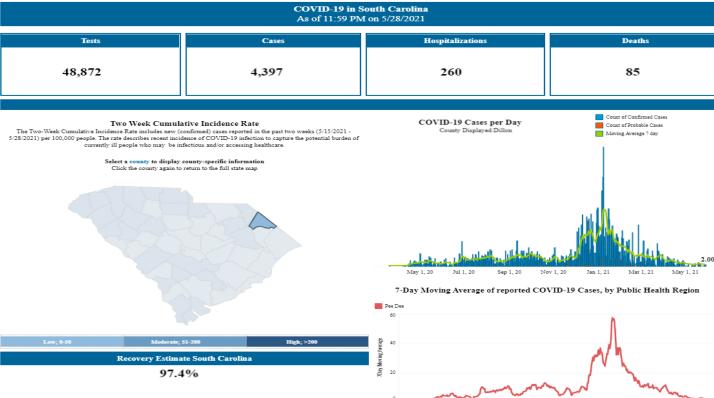
County Percentages: Based on a denominator of 3,220 county/county-equivalents, including states, the District of Columbia, and Puerto Rico municipios.

Combined Transmission Level: If the two indicators suggest different transmission levels, the higher level is selected. Previous week transmission levels are computed

DHEC Information:



Page 23 COVID-19 in South Carolina As of 11:59 PM on 5/28/2021 Tests Cases Hospitalizations Deaths 99,853 8,554 481 178 Count of Confirmed Cases COVID-19 Cases per Day Two Week Cumulative Incidence Rate Count of Probable Cases County Displayed:Darlington The Two-Week Cumulative Incidence Rate includes new (confirmed) cases reported in the past two weeks (5/15/2021 - 5/28/2021) per 100,000 people. The rate describes recent incidence of COVID-19 infection to capture the potential burden of Moving Average 7 day 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 7-Day Moving Average of reported COVID-19 Cases, by Public Health Region Pee Dee Recovery Estimate South Carolina 97.4% May 1, 20 Jul 1, 20 May 1, 21 Sep 1, 20 Nov 1, 20 Jan 1, 21 Mar 1, 21 COVID-19 in South Carolina As of 11:59 PM on 5/28/2021 Cases Hospitalizations 48,872 4,397 260 85



May 1, 20

Jul 1, 20

Nov 1, 20

Jan 1, 21

Mar 1, 21

May 1, 21

COVID-19 in South Carolina As of 11:59 PM on 5/28/2021

Tests	Cases	Hospitalizations	Deaths
29,087	1,926	143	64

Two Week Cumulative Incidence Rate

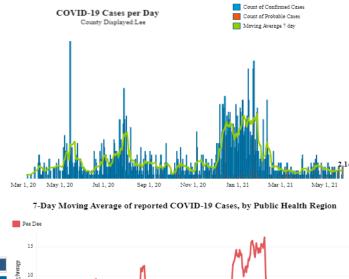
The Two-Week Cumulative Incidence Rate includes new (confirmed) cases reported in the past two weeks (5/15/2021 - 5/28/2021) per 100,000 people. The rate describes recent incidence of COVID-19 infection to capture the potential burden of currently ill people who may be infectious and/or accessing healthcare.

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



Recovery Estimate South Carolina

97.4%





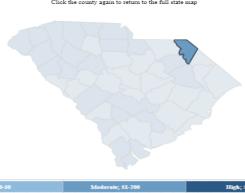
COVID-19 in South Carolina As of 11:59 PM on 5/28/2021

Tests	Cases	Hospitalizations	Deaths
40,433	3,454	222	56

Two Week Cumulative Incidence Rate

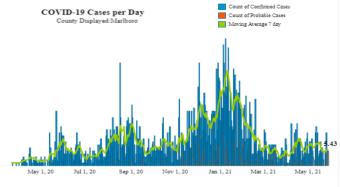
The Two-Week Cumulative Incidence Rate includes new (confirmed) cases reported in the past two weeks (5/15/2021 - 5/28/2021) per 100,000 people. The rate describes recent incidence of COVID-19 infection to capture the potential burden currently ill people who may be infectious and/or accessing healthcare.

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

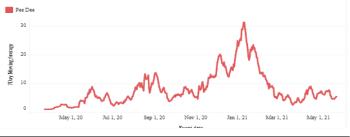


Recovery Estimate South Carolina

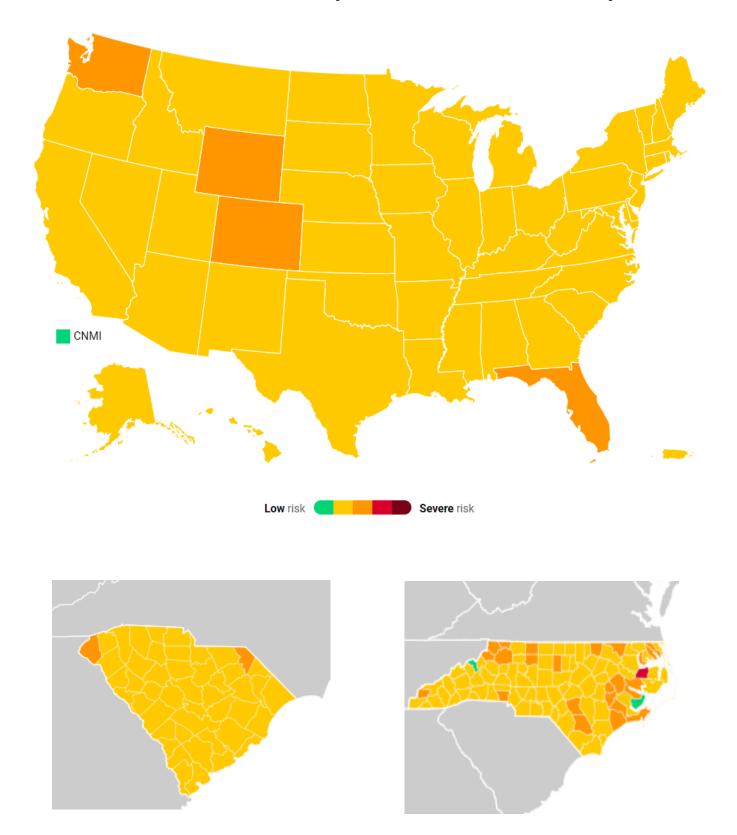
97.4%



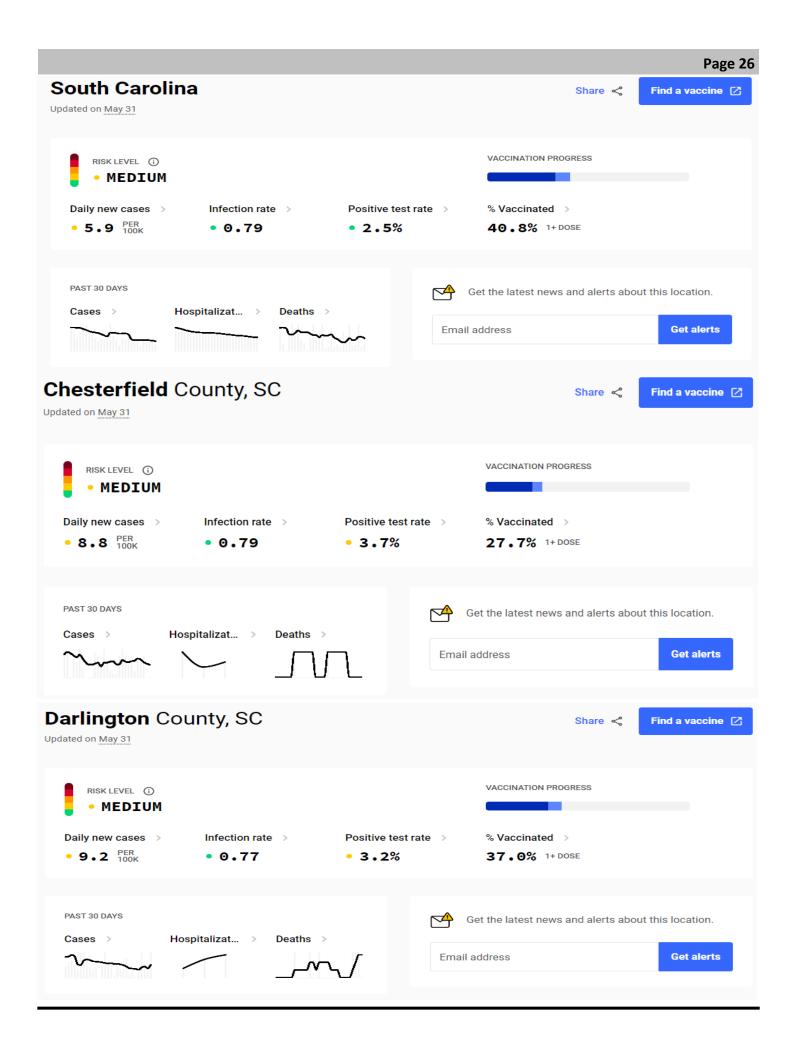
7-Day Moving Average of reported COVID-19 Cases, by Public Health Region

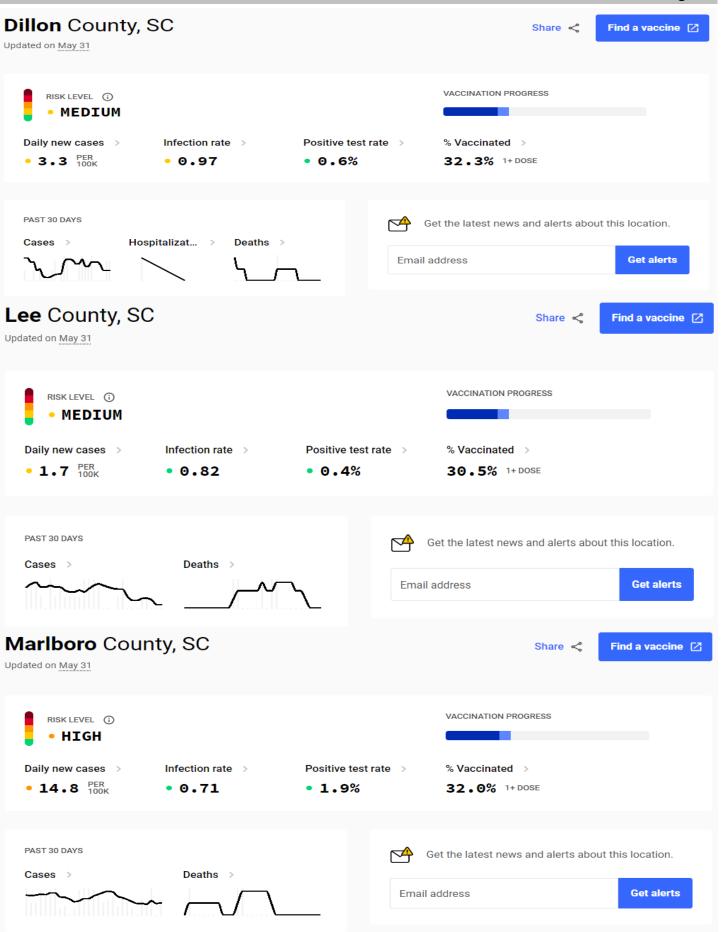


US Interventions Model (from Covid Act Now)

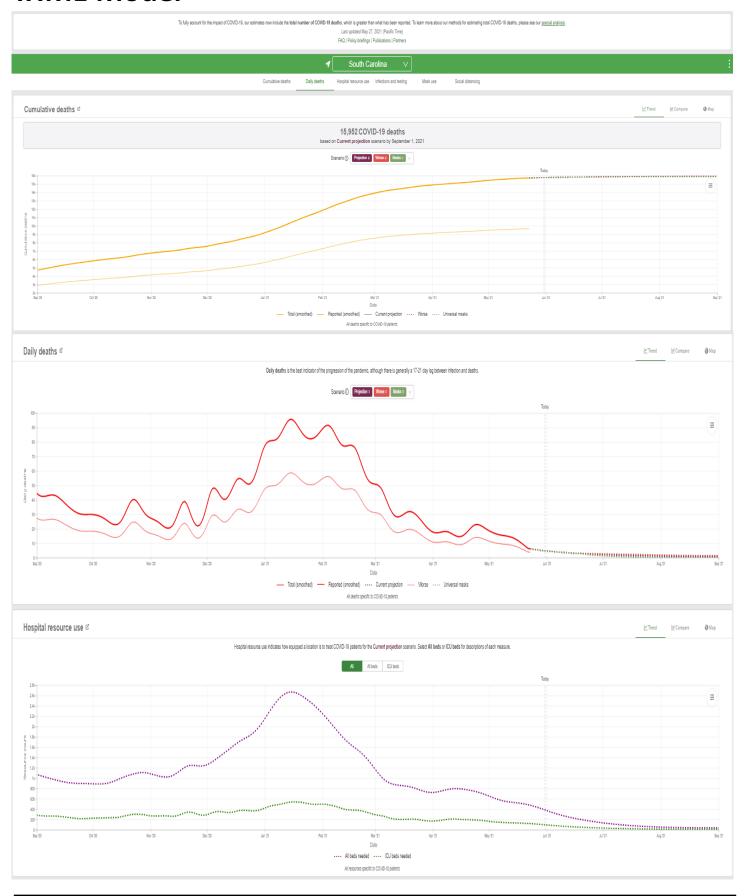


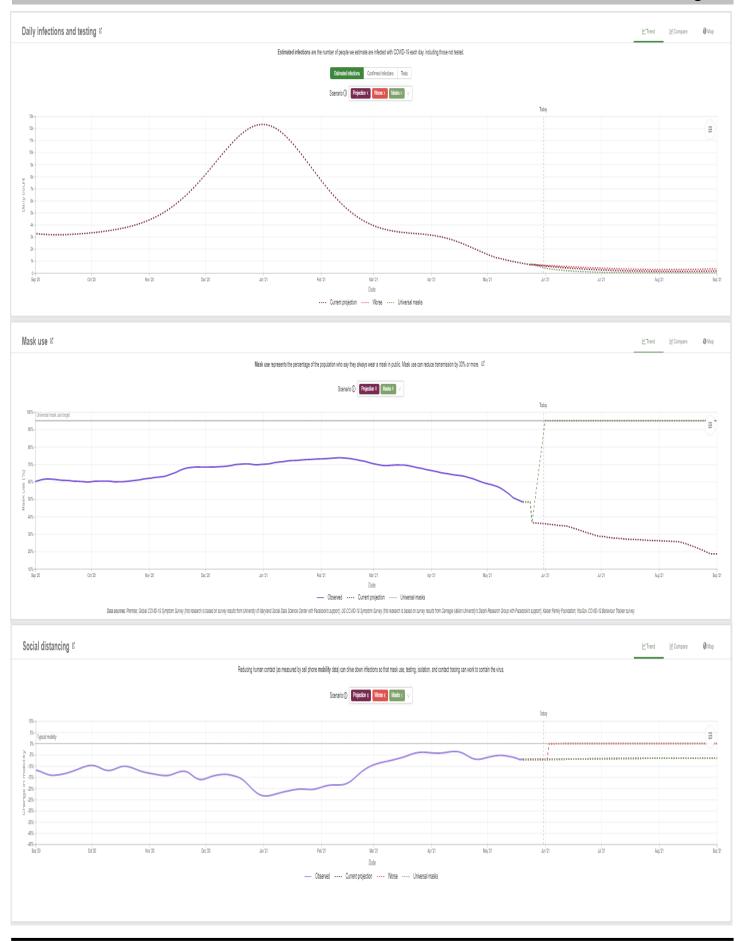
For more detailed information on a particular state or county, visit www.covidactnow.org.





IHME Model





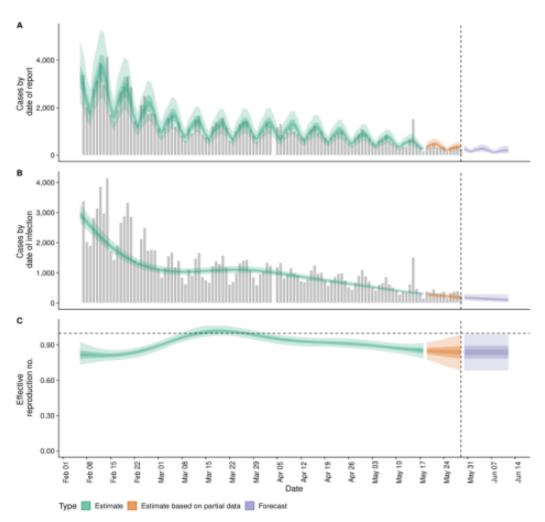
SC Reproduction Number Estimate

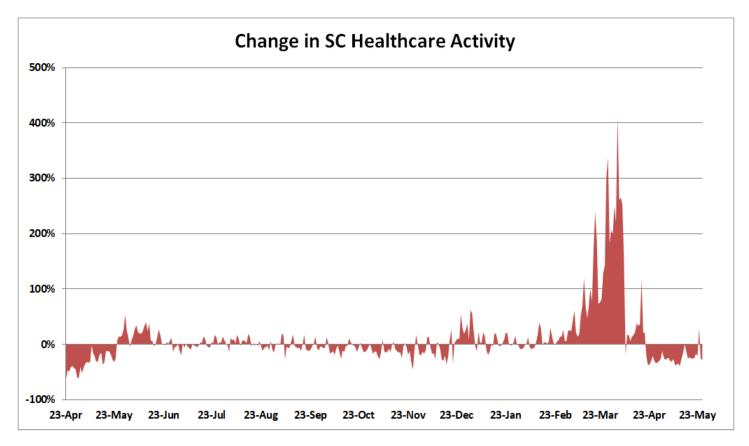
Summary (estimates as of the 2021-05-29)

Table 1: Latest estimates (as of the 2021-05-29) 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	188 (113 – 295)
Expected change in daily cases	Decreasing
Effective reproduction no.	0.84 (0.69 - 0.99)
Rate of growth	-0.045 (-0.091 – -0.0033)
Doubling/halving time (days)	-15 (-210 – -7.6)

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





^{*} Percentage change as compared to same date in 2019.

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/