## Weekly Covid-19 Data Digest



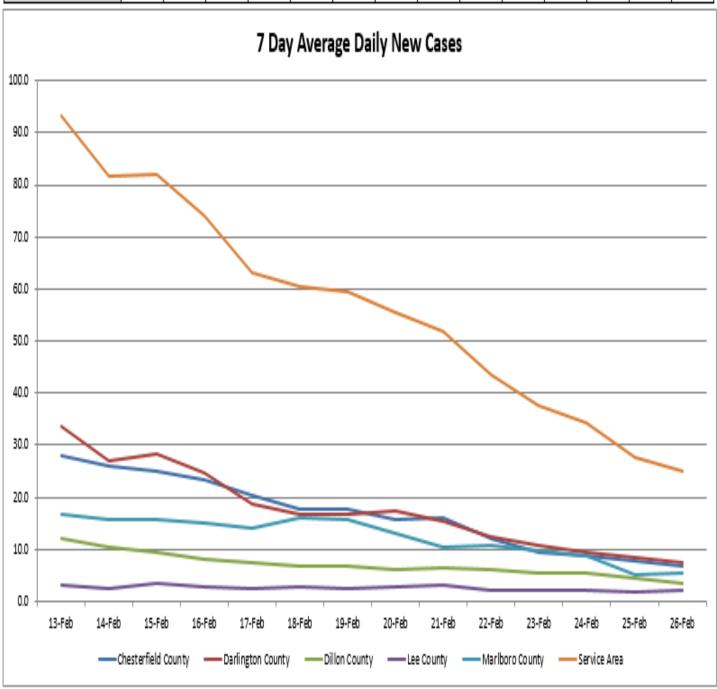
March 1, 2022

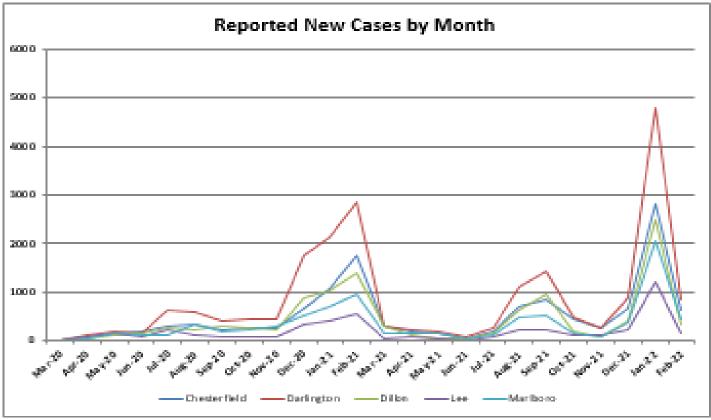
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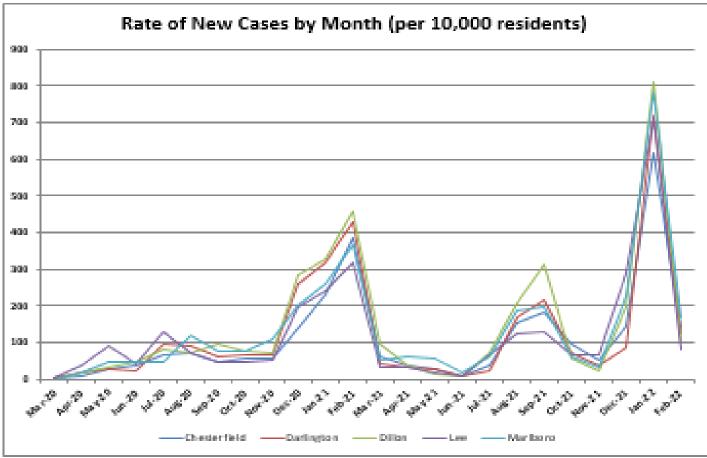
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Data included in this report compiled from publicly available sources. For more information or questions, please contact John Douglas, Chief of Business Development, at john.douglas@caresouth-carolina.com or 843-616-1471.

Daily New Cases Reported During Past Two Weeks (as of most current DHEC report)														
	13-Feb	14-Feb	15-Feb	16-Feb	17-Feb	18-Feb	19-Feb	20-Feb	21-Feb	22-Feb	23-Feb	24-Feb	25-Feb	26-Feb
Chesterfield County	19	16	33	25	11	9	10	7	18	5	6	6	3	2
Darlington County	8	16	29	23	19	14	9	12	3	6	12	9	9	1
Dillon County	5	3	7	10	7	8	7	2	5	4	5	7	1	0
Lee County	0	0	8	2	2	5	1	2	1	2	3	1	3	2
Marlboro County	21	23	10	12	9	32	4	2	5	11	6	2	5	7
Service Area	53	58	87	72	48	68	31	25	32	28	32	25	21	12





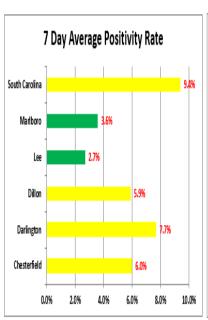


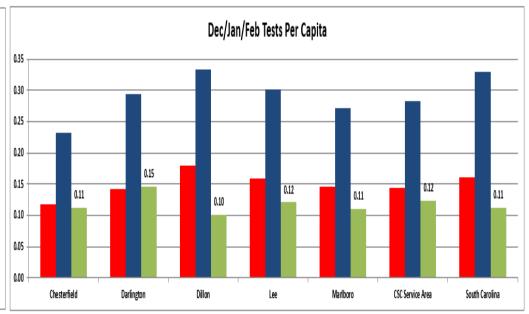
MOTE: Incomplete month proroted for comperiron purposes.

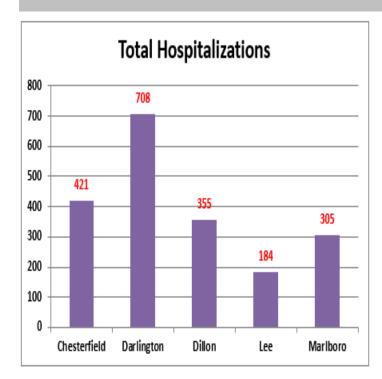
#### COVID-19 TOTAL CUMULATIVE CASES COMPARISON DATA (as of February 26, 2022)

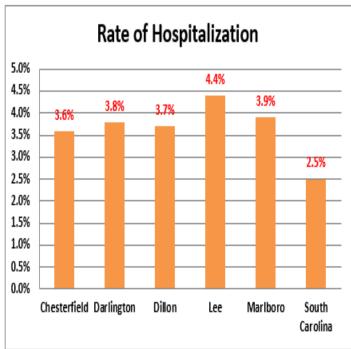
			Daily	Cases Per	Rate Exce	eds:	
Geographic Unit	Population	Cases	New Cases	100 Pop.	State*	Nation	World
Anson County, NC	22,055	6,474	3	29.35	Yes	Yes	Yes
Chesterfield County	43,273	11,711	2	27.06	No	Yes	Yes
Columbus County, NC	50,623	15,764	0	31.14	Yes	Yes	Yes
Darlington County	62,905	18,814	1	29.91	Yes	Yes	Yes
Dillon County	28,292	9,673	0	34.19	Yes	Yes	Yes
Florence County	137,059	41,540	4	30.31	Yes	Yes	Yes
Horry County	351,029	95,733	25	27.27	No	Yes	Yes
Kershaw County	65,403	21,318	5	32.59	Yes	Yes	Yes
Lancaster County	96,016	24,902	15	25.94	No	Yes	Yes
Lee County	16,531	4,208	2	25.46	No	Yes	Yes
Marion County	29,183	8,499	0	29.12	Yes	Yes	Yes
Marlboro County	26,667	7,807	7	29.28	Yes	Yes	Yes
Richmond County, NC	42,946	12,484	4	29.07	Yes	Yes	Yes
Robeson County, NC	116,530	40,028	10	34.35	Yes	Yes	Yes
Scotland County, NC	34,174	9,861	1	28.86	Yes	Yes	Yes
Sumter County	105,556	27,581	39	26.13	No	Yes	Yes
Union County, NC	238,267	61,020	18	25.61	Yes	Yes	Yes
South Carolina	5,118,425	1,461,155	408	28.55	N/A	Yes	Yes
North Carolina	10,439,388	2,589,517	909	24.81	N/A	No	Yes
United States	331,449,281	78,732,221	78,135	23.75	N/A	N/A	Yes
World	7,621,018,958	436,650,996	1,198,237	5.73	N/A	N/A	N/A

<sup>\*</sup> Compared to state in which county is located









Pee Dee Hospital Utilization						
	Covid	ICU	Covid	Percent		
County	Patients	Covid Pts.	Pts. Vent.	Occupied		
Chesterfield	7	2	0	77.1%		
Clarendon	2	3	0	53.1%		
Darlington	26	7	7	58.4%		
Dillon	4	1	0	53.8%		
Florence	71	16	12	91.0%		
Georgetown	15	4	0	82.0%		
Horry	65	19	7	80.4%		
Marion	2	0	0	71.9%		
Sumter	8	0	0	43.2%		
Williamsburg	1	0	0	66.7%		
Total	201	52	26	80.6%		

Note: Data as reported by DHEC as of 2/27/22

Long Term Care Facility Cases Within Past 30 Days					
County	Facility	Residents	Staff		
Chesterfield	Cheraw Healthcare	2	1		
Chesterfield	Palmetto Ridge Assisted Living	6	0		
Darlington	Bethea Baptist Health Care Center	4	0		
Darlington	Carriage House Senior Living	7	4		
Darlington	Morrell Nursing Center	2	0		
Darlington	Oakhaven Nursing Center	1	0		
Darlington	Thad E. Saleeby Dev. Ctr.	1	4		
Dillon	Carlyle Senior Care of Fork	1	5		
Dillon	Pruitt Health - Dillon	2	0		
Lee	McCoy Memorial Nursing Center	7	3		
Marlboro	BTU Rest Home	25	0		
Marlboro	Dundee Manor	20	6		
* as reported by DHEC as of 2/21/22					

County	School	Students	Faculty
Chesterfield	Faith Christian	<5	C
Darlington	Bay Road Elementary	<5	0
Darlington	Brockington Elementary	<5	0
Darlington	Carolina Elementary	0	<5
Darlington	Darlington Co Institute of Tech	0	<5
Darlington	Darlington High	<5	<5
Darlington	Darlington Middle	5	<5
Darlington	Hartsville High	<5	0
Darlington	Hartsville Middle	<5	(
Darlington	Southside Early Childhood Center	<5	0
Darlington	Trinity Collegiate	9	<5
Dillon	Dillon High	<5	0
Dillon	Dillon Middle	<5	<
Dillon	Lake View Elementary	<5	0
Dillon	Lake View High	<5	<5
Marlboro	Bennettsville Intermediate	<5	(
Marlboro	Bennettsville Primary	<5	<
Marlboro	Blenheim Middle	<5	(
Marlboro	Marlboro County High	8	(
Marlboro	McColl Elementary/Middle	13	(

<sup>\*</sup> as reported by DHEC on 2/23/22

<sup>\*</sup> Note: all schools did not submitted reports.

#### DHEC Reported Vaccine Recipients by Zip Code (as of 2/26/22 at 11:59PM)

Chesterfield County					
Zip	Town	Recipients	% of Pop		
29520	Cheraw	6875	52.0%		
29709	Chesterfield	2916	47.6%		
29718	Jefferson	1410	35.5%		
29101	McBee	1251	45.9%		
29727	Mt.Croghan	590	34.8%		
29728	Pageland	3359	38.5%		
29584	Patrick	1128	52.2%		
29741	Ruby	779	32.5%		
Unknown	or OOC Zip Code	1101	N/A		
County Total		19409	45.0%		

Darlington County					
Zip	Town	Recipients	% of Pop		
29532	Darlington	10578	54.0%		
29540	Darlington	3084	70.5%		
29550	Hartsville	18666	61.0%		
29069	Lamar	2503	57.9%		
29593	Society Hill	789	50.3%		
Unknown	or OOC Zip Code	2756	N/A		
County Total		38376	61.1%		

Dillon County					
Zip	Town	Recipients	% of Pop		
29536	Dillon	7742	38.8%		
29543	Fork	359	55.9%		
29547	Hamer	1234	43.8%		
29563	Lake View	1352	63.9%		
29565	Latta	3122	47.0%		
29567	Little Rock	384	96.2%		
Unknown	or OOC Zip Code	633	N/A		
County To	tal	14826	52.0%		

Lee County					
Zip	Town	Recipients	% of Pop		
29010	Bishopville	6070	53.6%		
29080	Lynchburg	902	33.8%		
Unknown or OOC Zip Code		1788	N/A		
County Total		8760	54.8%		

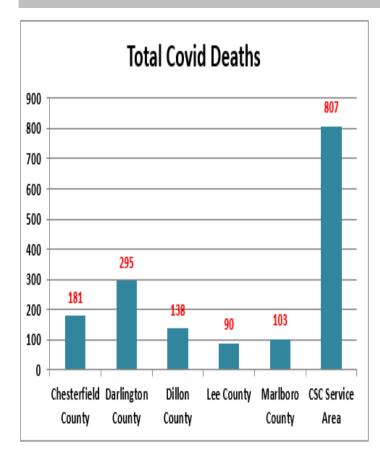
% less than SC average	
% equal to or greater than SC average	

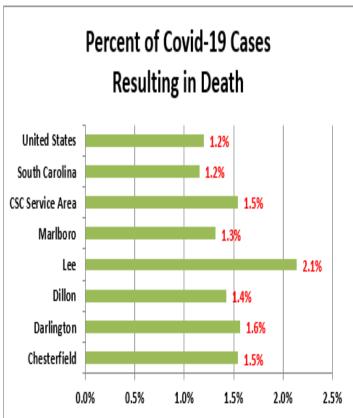
Marlboro County					
Zip	Town	Recipients	% of Pop		
29512	Bennettsville	7576	46.0%		
29516	Blenheim	377	42.4%		
29525	Clio	932	49.7%		
29570	McColl	1251	37.4%		
29596	Wallace	1001	50.5%		
Unknown	or OOC Zip Code	110	N/A		
<b>County To</b>	tal	11247	45.5%		

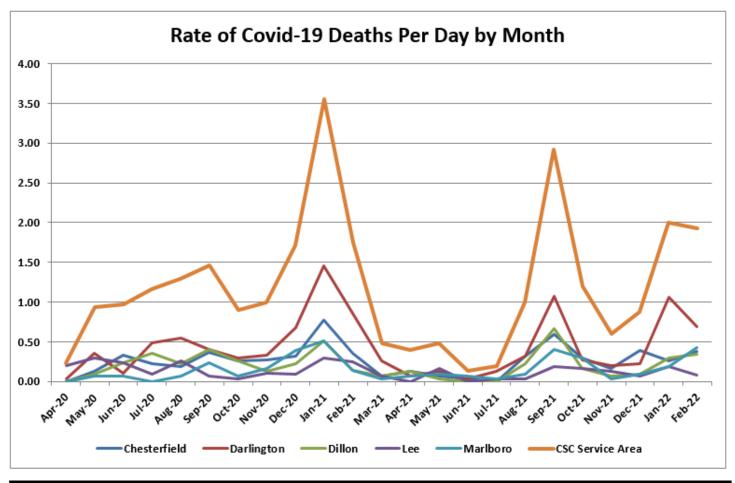
Zip Codes with Highest % of Recipients			
Rank	Town	Zip	% of Pop
1	Little Rock	29567	96.2%
2	Darlington	29540	70.5%
3	Lake View	29563	63.9%
4	Hartsville	29550	61.0%
5	Lamar	29069	57.9%
6	Fork	29543	55.9%
7	Darlington	29532	54.0%
8	Bishopville	29101	53.6%
9	Patrick	29584	52.2%
10	Cheraw	29520	52.0%

Zip Codes with Lowest % of Recipients			
Rank	Town	Zip	% of Pop
1	Ruby	29741	32.5%
2	Lynchburg	29741	33.8%
3	Mt. Croghan	29727	34.8%
4	Jefferson	29718	35.5%
5	McColl	29570	37.4%
6	Pageland	29728	38.5%
7	Dillon	29536	38.8%
8	Blenheim	29516	42.4%
9	Hamer	29547	43.8%
10	McBee	29101	45.9%

Counties Ranked by Recipients % of Pop.			
Rank	County	Recipients	% of Pop
1	Darlington	38376	61.1%
2	Lee	8760	54.8%
3	Dillon	14826	52.0%
4	Marlboro	11247	45.5%
5	Chesterfield	19409	45.0%
CSC Service Area 92618 52.9%			







## Rankings/

## **Risk Factors**

Harvard Global Health Institute Risk Levels			
County	Risk Level	SC Rank*	US Rank**
Marlboro County	Red	9	532
Chesterfield County	Orange	26	1333
Dillon County	Orange	32	1690
Darlington County	Orange	37	1923
Lee County	Orange	42	2361
* 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	High
Lee County	High
Marlboro County	Very High

CDC County Alert Zones	
County	<b>Transmission Level</b>
Chesterfield County	Substantial
Darlington County	Substantial
Dillon County	Substantial
Lee County	Substantial
Marlboro County	High

<sup>\*</sup> 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	66
Dillon County	127
Chesterfield County	131
Darlington County	273
Lee County 285	
* 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	35
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:**



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CHANGE FROM

#### **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

DIG! WEEK	PREVIOUS WEEK
307	-45%
10.5%	-5.6%
10.1	-34%
7.6	+1%

HIGH TRANSMISSION

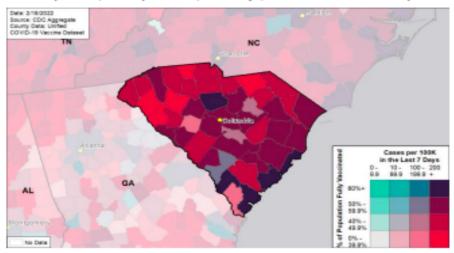
LAST WEEK

3,409,016 people	66.2% of total pop.
86,931 people	19.9% of 5-11 pop.
3,320,461 people	75.1% of 12+ pop.
2,858,148 people	55.5% of total pop.
2,793,740 people	63.2% of 12+ pop.
490,599 people	60.9% of fully
	vaccinated 65+ pop.

#### SARS-CoV-2 Variants of Concern

In the 4 weeks ending 1/22/2022, the following proportions of variants of concern were identified in <u>South Carolina</u>: Delta (B.1.617.2, AY.\*)
 2.9%, Omicron (B.1.1.529, BA.\*) 96.7%

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.

Due to technical issues, South Carolina's test positivity and test volume for the last week may be incomplete.

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/ContactLis/Form.



COVID-19

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#### STATE, % CHANGE EDOM DDEVIOUS

	STATE	FROM PREVIOUS WEEK	FEMA/HHS REGION	UNITED STATES
NEW COVID-19 CASES (RATE PER 100,000)	15,821 (307)	-45%	186,167 (278)	788,571 (238)
NUCLEIC ACID AMPLIFICATION TEST (NAAT) POSITIVITY RATE	10.5%	-5.6%*	12.5%	7.8%
TOTAL NAAT VOLUME (TESTS PER 100,000)	71,069** (1,380**)	-58%**	1,246,657** (1,863**)	8,681,765** (2,615**)
NEW COVID-19 DEATHS (RATE PER 100,000)	393 (7.6)	+1%	2,362 (3.5)	13,990 (4.2)
CONFIRMED NEW COVID-19 HOSPITAL ADMISSIONS (RATE PER 100 BEDS)	1,036 (10.1)	-35% (-34%)	15,257 (9.8)	56,794 (8.2)
NUMBER OF HOSPITALS WITH SUPPLY SHORTAGES (PERCENT)	9 (13%)	+12%	36 (4%)	225 (4%)
PEOPLE 5-11 INITIATING VACCINATION (PERCENT OF POPULATION)	1,357 (0.3%)	-29.8%	21,547 (0.4%)	173,119 (0.6%)
PEOPLE 12+ INITIATING VACCINATION (PERCENT OF POPULATION)	8,789 (0.2%)	+38.7%	119,663 (0.2%)	716,651 (0.3%)
PEOPLE 12-17 INITIATING VACCINATION (PERCENT OF POPULATION)	838 (0.2%)	-22.3%	11,973 (0.2%)	87,486 (0.3%)
PEOPLE 18+ INITIATING VACCINATION (PERCENT OF POPULATION)	7,951 (0.2%)	+51.3%	107,690 (0.2%)	629,165 (0.2%)
PEOPLE 65+ RECEIVING BOOSTER DOSE	3,326	-18.5%	44,763	246,286

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 2/17/2022; previous week is from 2/4 to 2/10.

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 2/15/2022; previous week is from 2/2 to 2/8. Test volume through 2/11/2022; previous week is from 1/29 to 2/4. Due to technical issues, South Carolina's test positivity and test olume for the last week may be incomplete

Admissions: Unified Hospitals Dataset in HHS Protect. Data are through 2/16, previous week is from 2/3 to 2/9.

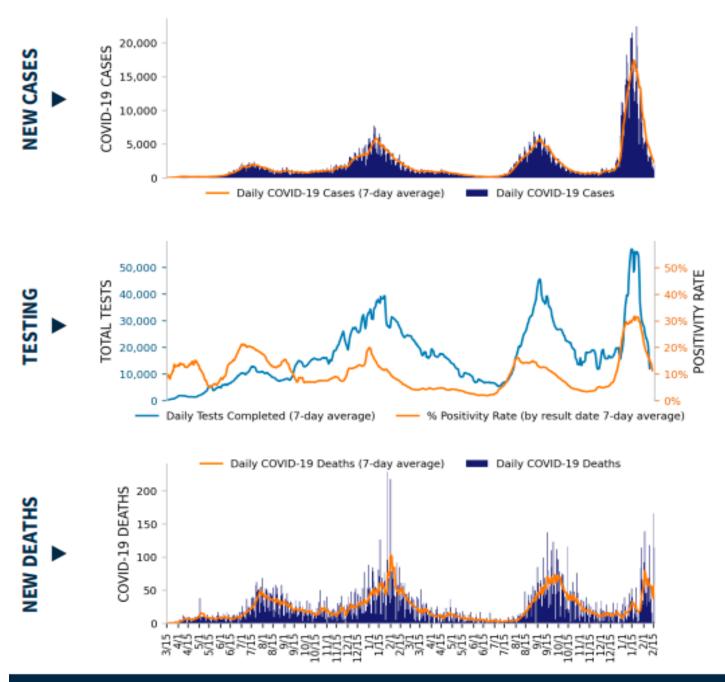
Shortages: Unified Hospitals Dataset in HHS Protect. Values presented show the latest reports from hospitals in the week ending 2/16/2022 for supplies.

Vaccinations: 305 COVID Data Tracker. Data includes the Moderna, Pfizer BioNTech, and J&J/Janssen COVID-19 vaccines and reflects current data available as of 13:39 EST on 02/18/2022. Deta last updated 06:00 EST on 02/18/2022. 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.

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.

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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 2/17/2022.

Testing: CELR (COVID-19 Electronic Lab Reporting) state health department-reported data. Test positivity through 2/15/2022. Test volume through 2/11/2022. Due to technical issues, South Carolina's test positivity and test volume for the last week may be incomplete.

METHODS: Details available on last two pages of report.



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#### STATE VACCINATION SUMMARY

DOSES DELIVERED

9,932,275 192,908 per 100k

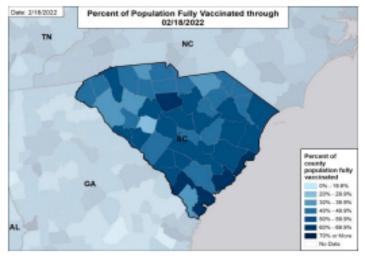
DOSES ADMINISTERED

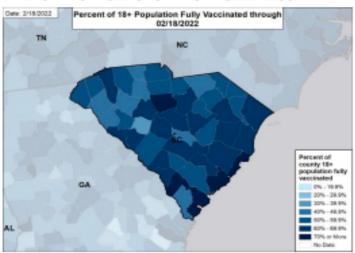
7,217,147 140,174 per 100k

	RECEIVED AT	FULLY	RECEIVED
	LEAST ONE DOSE	VACCINATED	BOOSTER DOSE
ALL PEOPLE	3,409,016	2,858,148	1,081,343
	66.2% of total population	55.5% of total population	37.8% of fully vaccinated total pop
PEOPLE 5-11	86,931 19.9% of 5-11 population	63,722 14.6% of 5-11 population	N/A
PEOPLE 12-17	193,462	161,843	21,052
	50.6% of 12-17 population	42.3% of 12-17 population	13.0% of fully vaccinated 12-17 pop
PEOPLE 18+	3,126,999	2,631,897	1,060,186
	77.4% of 18+ population	65.2% of 18+ population	40.3% of fully vaccinated 18+ pop
PEOPLE 65+	945,189	805,490	490,599
	95.0% of 65+ population	86.0% of 65+ population	60.9% of fully vaccinated 65+ pop

#### PERCENT OF POPULATION FULLY VACCINATED

#### PERCENT OF 18+ POPULATION FULLY VACCINATED





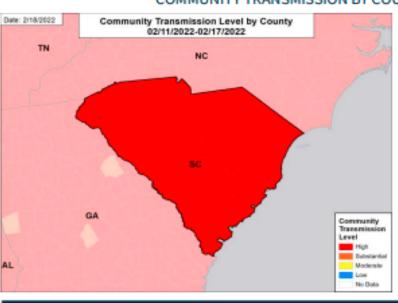
#### **DATA SOURCES**

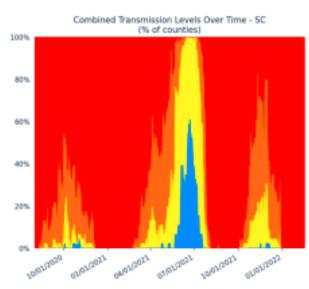
County reporting completeness for South Carolina is 93.1%.

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 13:39 EST on 02/18/2022. Data last updated 06:00 EST on 02/18/2022. 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.



#### STATE PROFILE REPORT | 02.18.2022 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: Richland, Greenville, Horry, Lexington, York, Charleston, Spartanburg, Berkeley, Florence, Anderson, Beaufort, Dorchester, Aiken, Pickens, Lancaster, Kershaw, Sumter, Greenwood, Oconee, Orangeburg, Darlington, Cherokee, Laurens, Chester, Chesterfield, Georgetown, Clarendon, Newberry, Union, Marlboro, Colleton, Williamsburg, Fairfield, Dillon, Abbeville, Barnwell, Edgefield, Marion, Jasper, Hampton, Saluda, Bamberg, Calhoun, Lee, McCormick, Allendale

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

#### **DATA SOURCES**

Maps and figures reflect 7-day average of data from 2/11-2/17 (cases), 2/9-2/15 (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 2/17/2022.

Testing: CELR (COVID-19 Electronic Lab Reporting) state health department-reported data. Data are through 2/15/2022. Due to technical issues, South Carolina's test positivity and test volume for the last week may be incomplete.

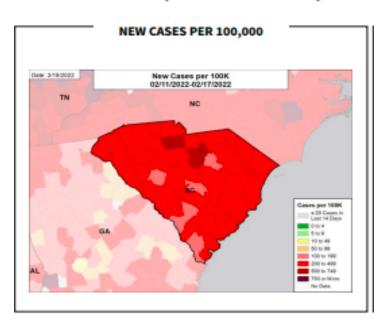
Combined Transmission Level: If the two indicators suggest different transmission levels, the higher level is selected. Previous week transmission levels are

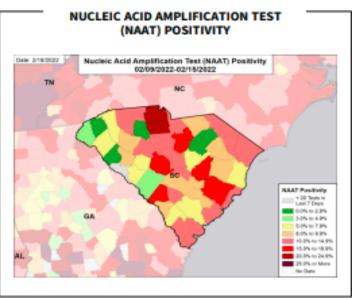
computed based on current data. See

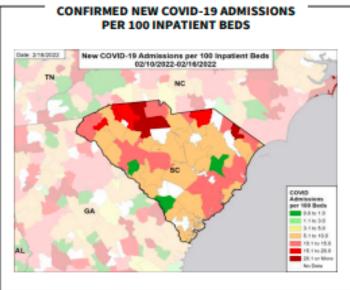


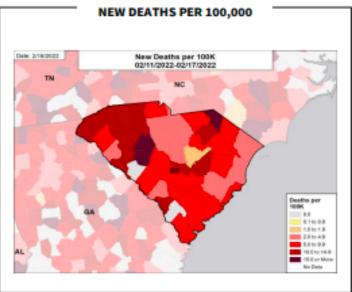
STATE PROFILE REPORT | 02.18.2022

#### 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 overtime, resulting in week-to-week changes.

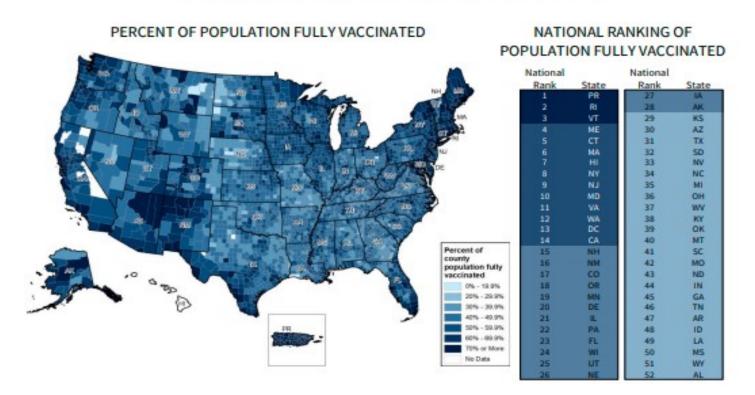
Cases and Deaths: County-level data are from a CDC managed aggregate county dataset compiled from state and local health departments; therefore, the values may not match those reported directly by the state. Data are through 2/17/2022.
Testing: CELR (COVID-19 Electronic Lab Reporting) state health department-reported data. The term Nucleic Acid Amplification Test (NAAT) includes RT-PCR and other testing methods. Data are

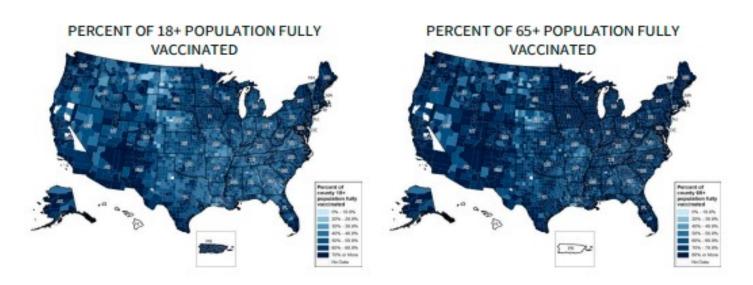
through 2/15/2022. Due to technical issues, South Carolina's test positivity and test volume for the last week may be incomplete.

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



### **National Picture: Vaccinations**





#### DATA SOURCES

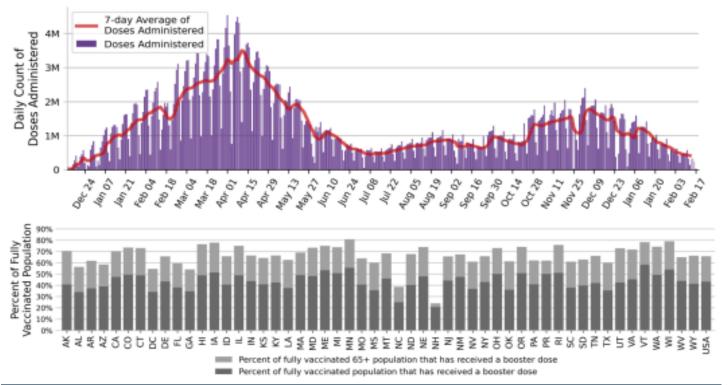


#### **National Picture: Vaccinations**

NATIONAL COVID-19 VACCINE SUMMARY AS OF 2/18

DOSES DELIVERED	685,838,905 206,572 per 100k	DOSES ADMINISTERED	549,419,374 165,483 per 100k
PEOPLE RECEIVED AT	252,650,507	PEOPLE FULLY VACCINATED	214,602,856
LEAST ONE DOSE	76.1% of total pop.		64.6% of total pop.
PEOPLE 5-11 RECEIVED	9,265,358	PEOPLE 5-11 FULLY	7,101,547
AT LEAST ONE DOSE	32.2% of 5-11 pop.	VACCINATED	24.7% of 5-11 pop.
PEOPLE 12-17 RECEIVED	16,997,443	PEOPLE 12-17 FULLY	14,451,940
AT LEAST ONE DOSE	67.3% of 12-17 pop.	VACCINATED	57.2% of 12-17 pop.
PEOPLE 18+ RECEIVED AT	226,319,927	PEOPLE 18+ FULLY	193,031,634
LEAST ONE DOSE	87.6% of 18+ pop.	VACCINATED	74.7% of 18+ pop.
PEOPLE 65+ RECEIVED AT	56,078,112	PEOPLE 65+ FULLY	48,568,982
LEAST ONE DOSE	95.0% of 65+ pop.	VACCINATED	88.6% of 65+ pop.
PEOPLE RECEIVED BOOSTER DOSE	92,589,369 43.1% of fully vaccinated total pop.	PEOPLE 65+ RECEIVED BOOSTER DOSE	31,958,272 65.8% 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 13:39 EST on 02/18/2022. Data last updated 06:00 EST on 02/18/2022. 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

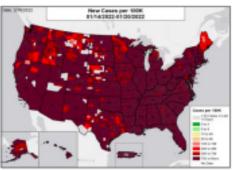
## Date: 2/18/2022 New Cases per 100K 02/11/2022-02/17/2022 Cases per 100K 4 28 Cases in Leaf 16 Days 5 to 9 100 to 189 200 to 489 5 to 97 728 or More Ne Data

#### NATIONAL RANKING OF NEW CASES PER 100.000

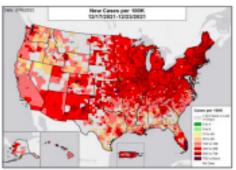
National		National	
Rank	State	Rank	State
1	PR	27	AL
2	MD	28	HI
3	NE	29	UT
4	OH	30	CA
5	NY	31	WA.
6	DC	32	KS
7	NV	33	WY
8	NJ	34	VT
9	IN	35	AZ
10	PA	36	OR
11	CT	37	SC
12	GA	38	AR
13	IL.	39	OK
14	SD	40	MS
15	DE	41	NM
16	MA	42	
17	MI	43	NC
18	co	44	NH
19	FL	45	ND
20	WI	46	TN
21	LA	47	MT
22	MO	48	KY
23	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

#### 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. Some states may report deaths by date of death, instead of date of report, periodically backfilling historical data. This can cause values shown for the last week to be underestimated due to the delay in processing and reporting COVID-19 deaths. The week one month before is from 1/14 to 1/20; the week two months before is from 12/17 to 12/23; the week three months before is from 11/19 to 11/25.

METHODS: Details available on last two pages of report.



## **National Picture: NAAT Positivity**

#### NUCLEIC ACID AMPLIFICATION TEST (NAAT) POSITIVITY

# Date: 2/18/2022 Nucleic Acid Amplification Test (NAAT) Positivity 02/09/2022-02/15/2022 NAAT Positivity 2 20 Trink in Lett 7 Days 0 00% to 2/0% 5 0% to 7/0% 6 0% to 9 0% 10

#### NATIONAL RANKING OF NAAT POSITIVITY

National		National			
Rank	State	Rank Star			
1	DC	27	ND		
2	MA	28	FL		
3	IL.	29	MO		
4	MD	30	TX		
5	NY	31	WY		
6	NJ	32	WA.		
7	Rd	33	MT		
8	CT	34	NC		
9	VT	35	IN		
10	CA	36	KS		
11	LA	37	NE		
12	HII	38	MV		
13	co	39	SD		
14	ME	40	NM		
15	NH	41	IA		
16	OH	42	AR		
17	DE	43	OK		
18	MN	44	WV		
19	GA	45			
20	WI	46	AZ		
21	PA	47			
22	PR	48	MS		
23	MI	49			
24	OR	50	AL		
25	SC	5.1	WA		
26	AK	52	TN		

#### 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 2/15/2022. The week one month before is from 1/12 to 1/18; the week two months before is from 12/15 to 12/21; the week three months before is from 11/17 to 11/23. As of 8/31/2021, Washington has been experiencing technical issues. As a result, test positivity and test volume may be incomplete. Due to technical issues, the following states' test positivity and test volume for the last week may be incomplete: Alaska, California, New Hampshire, New Mexico, North Carolina, South Carolina, and Tennessee.

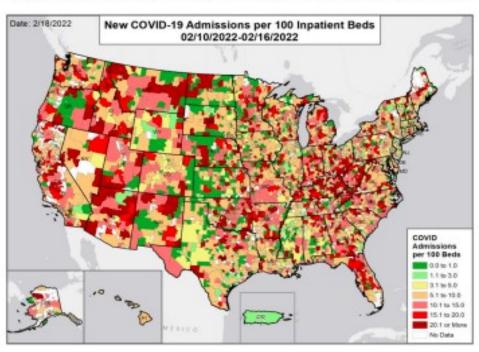
METHODS: Details available on last two pages of report.



### **National Picture: Hospital Admissions**

#### CONFIRMED NEW COVID-19 ADMISSIONS PER 100 INPATIENT BEDS

#### NATIONAL RANKING OF CONFIRMED ADMISSIONS PER 100 BEDS



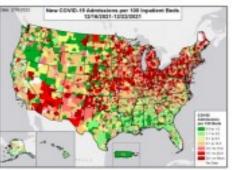


#### CONFIRMED NEW COVID-19 ADMISSIONS PER 100 INPATIENT BEDS IN THE WEEK:

#### 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 2/16/2022. 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 1/13 to 1/19; the week two months before is from 12/16 to 12/22; the week three months before is from 11/18 to 11/24. 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 02/11/2022-02/17/2022 | Deaths per 100K 02/11/2022-02/17/2022-02/17/2022-02/17/2022-02/17/2022-02/17/2022-02/17/2022-02/17/2022-02/17/2022-02/17/2022-02/17/202-02/17/202-02/17/202-02/17/202-02/17/202-02/17/202-02/17/202-02/17/202-02/17/202-02/17/202-02/17/202-02/17/202-02/17/202-02/17/202-02/17/202-02/17/202

#### NATIONAL RANKING OF NEW DEATHS PER 100,000

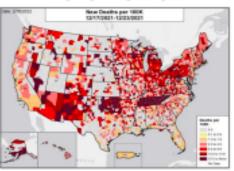
		,					
National		National					
Rank	State	State Rank State					
1	FL	27	NJ				
2	DC	28	TN				
3	co	29	IL.				
4	KY	30	PA				
5	W/A	31	NC				
6	PR	32	LA				
7	AL	33	MA				
8	MD	34	SD				
9	RI	35	AZ				
10	VT	36	TX				
11	OR	37	DE				
12	KS	38	NM				
13	NH	39	MO				
14	NY	40	MI				
15	UT	41	NV				
16	CT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

#### NEW DEATHS PER 100,000 IN THE WEEK:

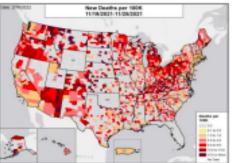
#### ONE MONTH BEFORE



#### TWO MONTHS BEFORE



#### THREE MONTHS BEFORE



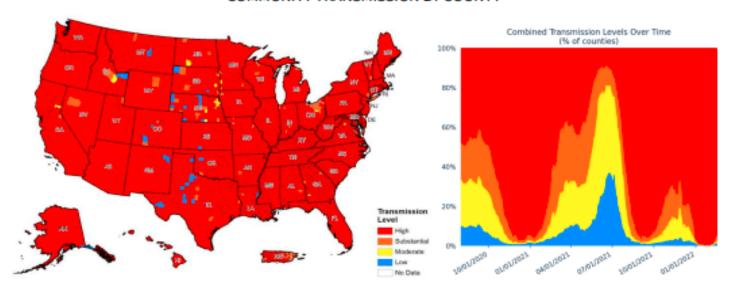
#### DATA SOURCES

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. Some states may report deaths by date of death, instead of date of report, periodically backfilling historical data. This can cause values shown for the last week to be underestimated due to the delay in processing and reporting COVID-19 deaths. 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 1/14 to 1/20; the week two months before is from 12/17 to 12/23; the week three months before is from 11/19 to 11/25.

## **National Picture: Community Transmission**

#### COMMUNITY TRANSMISSION BY COUNTY



COUNTIES BY COMMUNITY TRANSMISSION INDICATOR							
CASES PER 100K	CASES PER 100K 0 TO 9 10 TO 49 50 TO 99 100 +						
# OF COUNTIES (CHANGE)	70 (+18)	46 (+39)	167 (+124)	2937 (+181)			
% OF COUNTIES (CHANGE)	2.2% (+0.6%)	1.4% (+1.2%)	5.2% (+3.9%)	91.2% (45.6%)			
TEST POSITIVITY	0.0% TO 4.9%	5.0% TO 7.9%	8.0% TO 9.9%	10.0% +			
# OF COUNTIES (CHANGE)	365 (+224)	397 (+227)	326 (+182)	2132 (4633)			
% OF COUNTIES (CHANGE)	11.3% (+7.0%)	12.3% (+7.0%)	10.1% (+5.7%)	66.2% (+19.7%)			

#### **COUNTIES BY COMBINED TRANSMISSION LEVEL**

CATEGORY	LOW TRANSMISSION BLUE	MODERATE TRANSMISSION YELLOW	SUBSTANTIAL TRANSMISSION ORANGE	HIGH Transmission Red
# OF COUNTIES (CHANGE)	34 (+18)	17 (+14)	98 (+73)	3071 (+105)
% OF COUNTIES (CHANGE)	1.1% (+0.6%)	0.5% (+0.4%)	3.0% (+2.3%)	95.4% (+3.3%)

#### DATA SOURCES

Maps and figures reflect 7-day average of data from 2/11-2/17 (cases), 2/9-2/15 (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 2/17/2022.

Testing: CELR (COVID-19 Electronic Lab Reporting) state health department-reported data. Data are through 2/15/2022. As of 8/31/2021, Washington has been experiencing technical issues. As a result, test positivity and test volume may be incomplete. Due to technical issues, the following states' test positivity and test volume for the last week may be incomplete: Alaska, California, New Hampshire, New Mexico, North Carolina, South Carolina, and Tennessee.

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

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

93.0%

#### **DHEC Information:**

Total new cases per 100k in past 7 days

Percentage of NAAts that were positive in past 7 days

<4.99%

5-7.99%

8-9.99%

≥10%

#### COVID-19 in South Carolina As of 11:59 PM on 2/26/2022 Tests Cases Hospitalizations Deaths 15,572,091 1.461.155 37,036 16,865 SELECT COUNTY Court of Confirmed Cases Community Transmission Map COVID-19 Cases per Day Count of Probable Cases This map considers 2 indicators to calculate the level of transmission that may currently exist in your county as outlined by the County Displayed: South Carolina Centers for Disease Control and Prevention Level Of Community Transmission recommendations. It considers the number of new cases (confirmed and probable) per 100,000 people in the past 7 days (2/20/2022 - 2/26/2022) and the percentage of positive tests during the past 7 days. Increased exposure to COVID-19 may be more likely in areas with reported increased transmission levels. If the two indicators suggest different transmission levels, the higher level is selected. Click here to navigate to the CDC data tracker 7-Day Moving Average of Reported COVID-19 Cases by Public Health Region \*\*Note this is not meant to describe an individual's risk of infection. It is meant to show an estimate of the level of community transmission Feb 1, 21 Feb 1, 22 Aug 1, 21 within your county using these 2 data points. Additional factors that may contribute to an individual's risk of infection include: vaccination status, overall health status, physical distancing/mask use. Midlands Per Dec Upstate Indicator: If the two indicators suggest different High transmission levels, the higher level is selected Recovery Estimate South Carolina Total new cases per 100k in past 7 days 50-99 ≥100 <10 10-49 93.0% Percentage of NAAts that were positive in past 7 days <4.99% 5-7.99% ≥10% 8-9.99% Tests Cases Hospitalizations 106,160 11,711 421 181 SELECT COUNTY Community Transmission Map COVID-19 Cases per Day County Displayed: Chesterfield Community Transmission Map This map considers 2 indicators to calculate the level of transmission that may currently exist in your county as outlined by the Centers for Disease Control and Prevention Level Of Community Transmission recommendations. It considers the number of new cases (confirmed and probable) per 100,000 people in the past 7 days (2/20/2022 - 2/26/2022) and the percentage of positive tests during the past 7 days. Increased exposure to COVID-19 may be more likely in areas with reported increased transmission levels. If the two indicators suggest different transmission levels, the higher level is selected. Click here to navigate to the CDC data tracker Mar 1, 20 Mar 1, 21 Sep 1, 21 7-Day Moving Average of Reported COVID-19 Cases by Public Health Region \*\*Note this is not meant to describe an <u>individual's</u> risk of infection. It is meant to show an estimate of the level of community transmission within your county using these 2 data points. Additional factors that may contribute to an individual 3 risk of infection include: vaccination status, overall health status, physical distancing/mask use. Feb 1, 21 Aug 1, 21 Feb 1, 22 Indicator: If the two indicators suggest different transmission levels, the higher level is selected

Count of Confirmed Cases

ount of Probable Cases

Tests	Cases	Hospitalizations	Deaths
184,743	18,814	708	295
SELECT COUNTY			

#### Community Transmission Map

This map considers 2 indicators to calculate the level of transmission that may currently exist in your county as outlined by the Centers for Disease Control and Prevention <u>Level Of Community Transmission</u> recommendations. It considers the number of new cases (confirmed and probable) per 100,000 people in the past 7 days (2/20/2022 - 2/26/2022) and the percentage of positive tests during the past 7 days. Increased exposure to COVID-19 may be more likely in areas with reported increased transmission levels.

If the two indicators suggest different transmission levels, the higher level is selected.

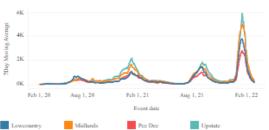
#### Click here to navigate to the CDC data tracker



\*\*Note this is not meant to describe an individual's risk of infection. It is meant to show an estimate of the level of community transmission within your county using these 2 data points. Additional factors that may contribute to an individual's risk of infection include: vaccination status, overall health status, physical distancing/mask use. County Displayed: Darlington Sep 1, 20

COVID-19 Cases per Day

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



Indicator: If the two indicators suggest different	Low	Moderate	Substantial	High	Low
transmission levels, the higher level is selected	Transmission	Transmission	Transmission	Transmission	
Total new cases per 100k in past 7 days	<10	10-49	50-99	≥100	
Percentage of NAAts that were positive in past 7 days	<4.99%	5-7.99%	8-9.99%	≥10%	

Recovery Estimate South Carolina 93.0%

Count of Probable Cases

Tests	Cases	Hospitalizations	Deaths
88,383	9,673	355	138
SELECT COUNTY Dillon			

#### Community Transmission Map

This map considers 2 indicators to calculate the level of transmission that may currently exist in your county as outlined by the Centers for Disease Control and Prevention Level Of Community Transmission recommendations. It considers the number of new cases (confirmed and probable) per 100,000 people in the past 7 days (2/20/2022 - 2/26/2022) and the percentage of positive tests during the past 7 days. Increased exposure to COVID-19 may be more likely in areas with reported increased transmission levels

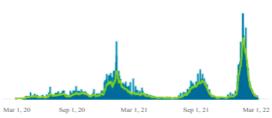
If the two indicators suggest different transmission levels, the higher level is selected.



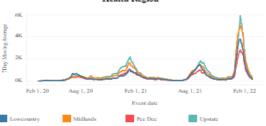
\*\*Note this is not meant to describe an individual's risk of infection. It is meant to show an estimate of the level of community transmission within your county using these 2 data points. Additional factors that may contribute to an individual's risk of infection include: vaccination status, overall health status, physical distancing/mask use.

Indicator : If the two indicators suggest different transmission levels, the higher level is selected	Low Transmission	Moderate Transmission	Substantial Transmission	High Transmission
Total new cases per 100k in past 7 days	<10	10-49	50-99	≥100
Percentage of NAAts that were positive in past 7 days	<4.99%	5-7.99%	8-9.99%	≥10%

COVID-19 Cases per Day County Displayed: Dillon



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



Recovery Estimate South Carolina 93.0%

Count of Confirmed Cases

Tests	Cases	Hospitalizations	Deaths
52,246	4,208	184	90
SELECT COUNTY			

#### Community Transmission Map

This map considers 2 indicators to calculate the level of transmission that may currently exist in your county as outlined by the Centers for Disease Control and Prevention Level Of Community Transmission recommendations. It considers the number of new cases (confirmed and probable) per 100,000 people in the past 7 days (2/20/2022 - 2/26/2022) and the percentage of positive tests during the past 7 days. Increased exposure to COVID-19 may be more likely in areas with reported increased transmission levels.

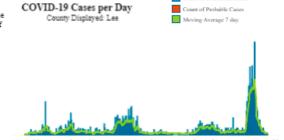
If the two indicators suggest different transmission levels, the higher level is selected.

Click here to navigate to the CDC data tracker

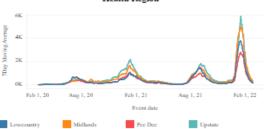


\*\*Note this is not meant to describe an individual's risk of infection. It is meant to show an estimate of the level of community transmission within your county using these 2 data points. Additional factors that may contribute to an individual's risk of infection include: vaccination status, overall health status, physical distancing/mask use.

Indicator : If the two indicators suggest different transmission levels, the higher level is selected	Low Transmission	Moderate Transmission	Substantial Transmission	High Transmission
Total new cases per 100k in past 7 days	<10	10-49	50-99	≥100
Percentage of NAAts that were positive in past 7 days	<4.99%	5-7.99%	8-9.99%	≥10%



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



Recovery Estimate South Carolina 93.0%

Tests	Cases	Hospitalizations	Deaths
72,131	7,807	305	103
SELECT COUNTY			

#### Community Transmission Map

This map considers 2 indicators to calculate the level of transmission that may currently exist in your county as outlined by the Centers for Disease Control and Prevention Level Of Community Transmission recommendations. It considers the number of new cases (confirmed and probable) per 100,000 people in the past 7 days (2/20/2022 - 2/26/2022) and the percentage of positive tests during the past 7 days. Increased exposure to COVID-19 may be more likely in areas with reported increased transmission levels.

If the two indicators suggest different transmission levels, the higher level is selected.

#### Click here to navigate to the CDC data tracker



\*\*Note this is not meant to describe an individual's risk of infection. It is meant to show an estimate of the level of community transmission within your county using these 2 data points. Additional factors that may contribute to an individual's risk of infection include: vaccination status, overall health status, physical distancing/mask use.

Indicator: If the two indicators suggest different	Low	Moderate	Substantial	High	
transmission levels, the higher level is selected	Transmission	Transmission	Transmission	Transmission	
Total new cases per 100k in past 7 days	<10	10-49	50-99	≥100	
Percentage of NAAts that were positive in past 7 days	<4.99%	5-7.99%	8-9.99%	≥10%	



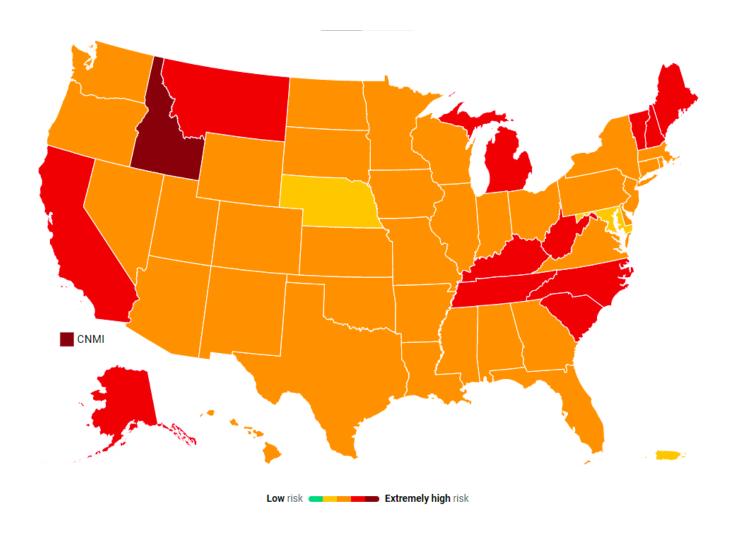
Count of Probable Cases

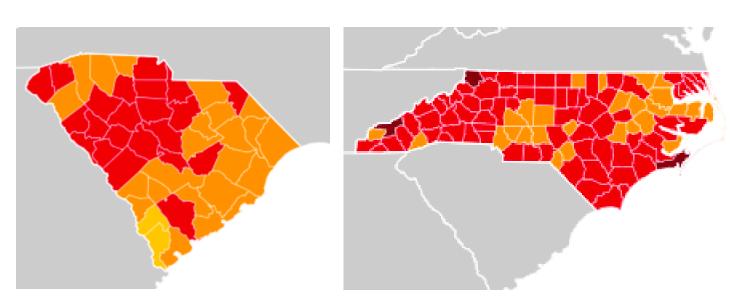
#### 7-Day Moving Average of Reported COVID-19 Cases by Public Health Region



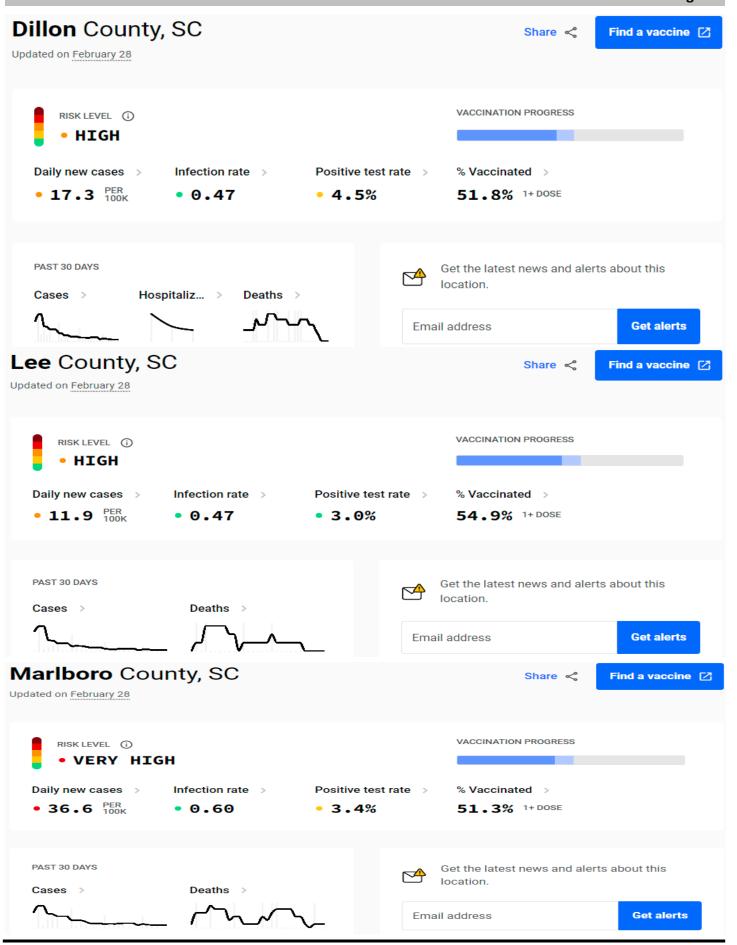
Recovery Estimate South Carolina 93.0%

## **US Interventions Model (from Covid Act Now)**

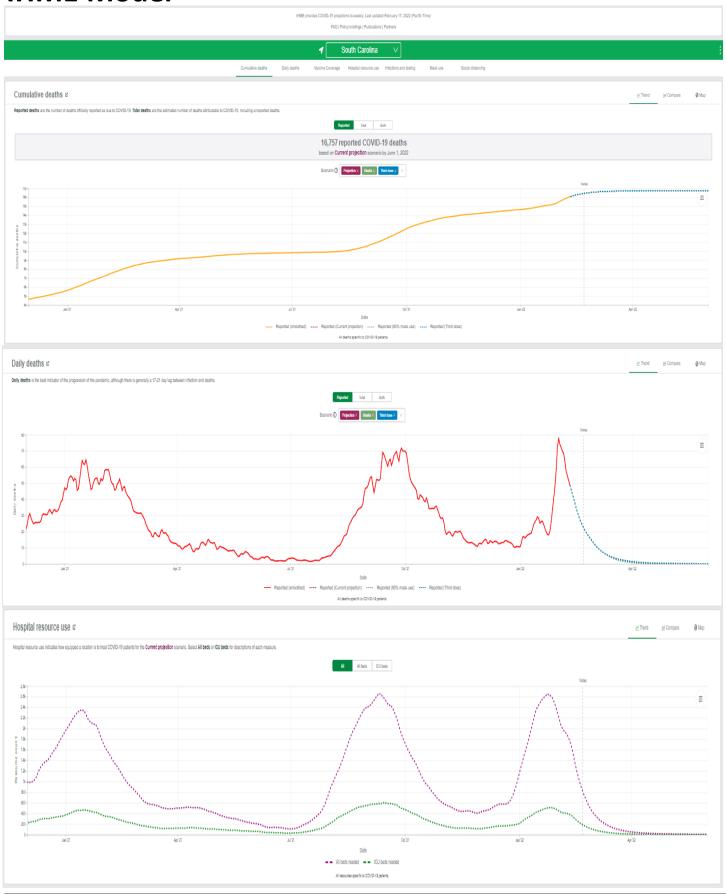


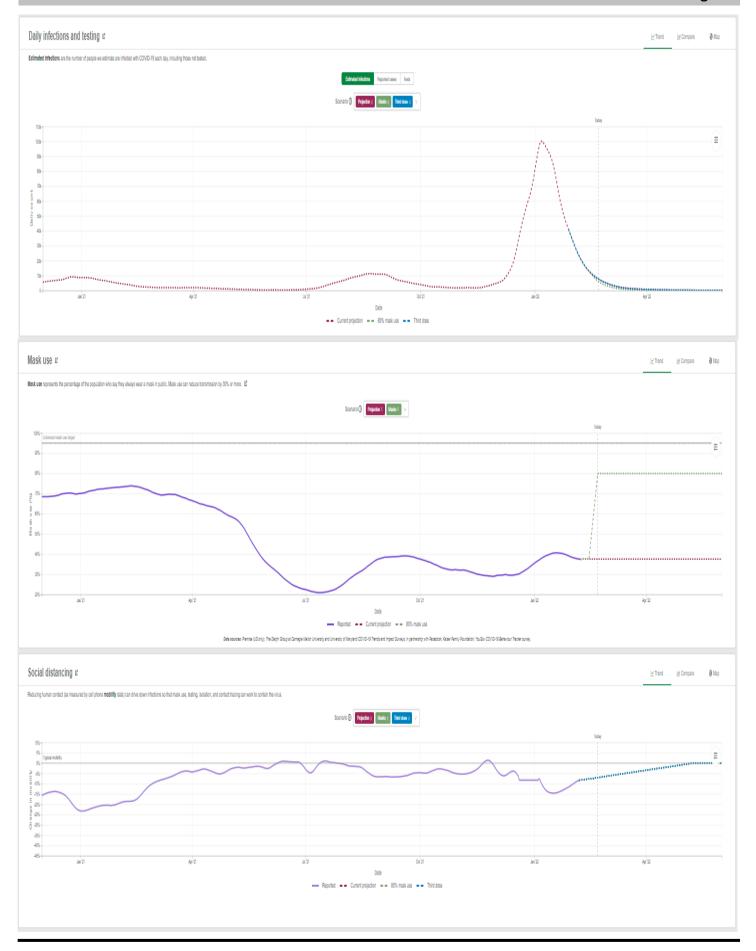


For more detailed information on a particular state or county, visit www.covidactnow.org.



## **IHME Model**





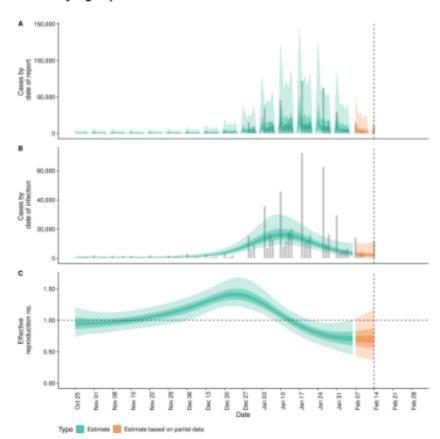
#### **SC Reproduction Number Estimate**

#### Summary (estimates as of the 2022-02-14)

Table 1: Latest estimates (as of the 2022-02-14) 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	1677 (267 – 11109)
Expected change in daily cases	Likely decreasing
Effective reproduction no.	0.69 (0.37 - 1.2)
Rate of growth	-0.088 (-0.2 – 0.047)
Doubling/halving time (days)	-7.8 (153.5)

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



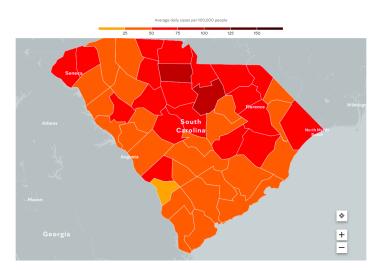


## Mayo Clinic Covid Tracker Rate of New Cases

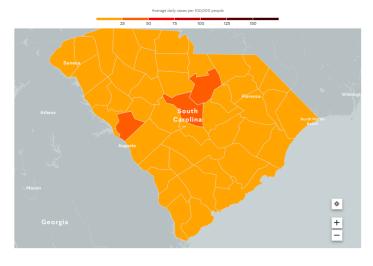
#### Current

## Ashens Seneta Ashens South Carolina Ashens Georgia

#### Last Week



#### In 14 Days



## Resources

CDC: <a href="https://www.cdc.gov/coronavirus/2019-nCoV/">https://www.cdc.gov/coronavirus/2019-nCoV/</a> index.html

DHEC: <a href="https://www.dhec.sc.gov/infectious-diseases/viruses/">https://www.dhec.sc.gov/infectious-diseases/viruses/</a> coronavirus-disease-2019-covid-19

Covid19-Projections Model: <a href="https://covid19-projections.com/">https://covid19-projections.com/</a>

Covid Act Now: <a href="https://www.covidactnow.org/?s=962191">https://www.covidactnow.org/?s=962191</a>

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: <a href="https://covid19.healthdata.org/united-states-of-america?view=total-deaths&tab=trend">https://covid19.healthdata.org/united-states-of-america?view=total-deaths&tab=trend</a>

EPIFORECASTS: https://epiforecasts.io/covid/posts/national/

united-states/