

## COVID-19 DAILY UPDATES

Date	Population	Confirmed cases	Deaths	Total Test Completed	Number Hospitalized	Recovered	Pending Tests
<b>8/16/2020</b>							
<b>Global</b>	7.6 Billion	21,706,031	775,879				
<b>Nationwide</b>	330 Million	5,380,726 <sup>^1%</sup> (+41,217) past 24 hr.	172,087 <sup>^0%</sup> (+ 499) past 24 hr.			2,922,929 <sup>^1%</sup> (+18,799) past 24 hr)	
<b>NC</b>	10.4 Million	144,952	2,347	1,924,646	1934	116,969	
<b>Madison County</b>	21,763	59	1	2328	0	44	

Date	County	# of Cases	# of Deaths
8/16/2020	Avery	107	0
	Buncombe	2,079	54
	Burke	1,710	27
	Cherokee	294	4
	Haywood	460	24
	Henderson	1,558	56
	Jackson	460	7
	Macon	478	2
	Madison	59	1
	McDowell	713	20
	Mitchell	80	3
	Polk	177	6
	Rutherford	820	14
	Swain	120	2
	Transylvania	161	1
	Wilkes	910	18
	Yancey	80	0

### Broken down by age, gender, cases and deaths.

Date	Age Group	Percent and numbers	Percent of Deaths and numbers	Gender	Percent of cases	Percent of Deaths
<b>8/16/2020</b>	0-17	11% (16,153)	0% (1)	Male	48% (68,801)	53%(1,226)
	18-24	14% (20,386)	0% (2)	Female	52% (75,015)	47%(1,108)
	25-49	44% (62,809)	5% (120)	Unknown	2%	
	50-64	19% (27,458)	15% (361)			
	65 -74	7% (9,623)	22% (519)			
	75+	6% (8,440)	57% (1,343)			

# COVID-19 DAILY UPDATES

## Top North Carolina Counties with over two thousand cases

Date	County	# of Cases	# of Deaths
8/16/2020	Mecklenburg	23,110	257
	Wake	12,714	182
	Durham	6,409	80
	Guilford	5,959	158
	Forsyth	5,552	56
	Johnston	3,435	45
	Gaston	3,570	57
	Union	3,375	44
	Robeson	3,023	56
	Cumberland	3,425	56
	Wayne	2,527	42
	Cabarrus	2,803	50
	New Hanover	2,704	21
	Alamance	2,639	42
	Duplin	2,027	49
	Catawba	2,265	33
	Randolph	2,250	39
	Rowan	2,359	51

## States Surrounding North Carolina

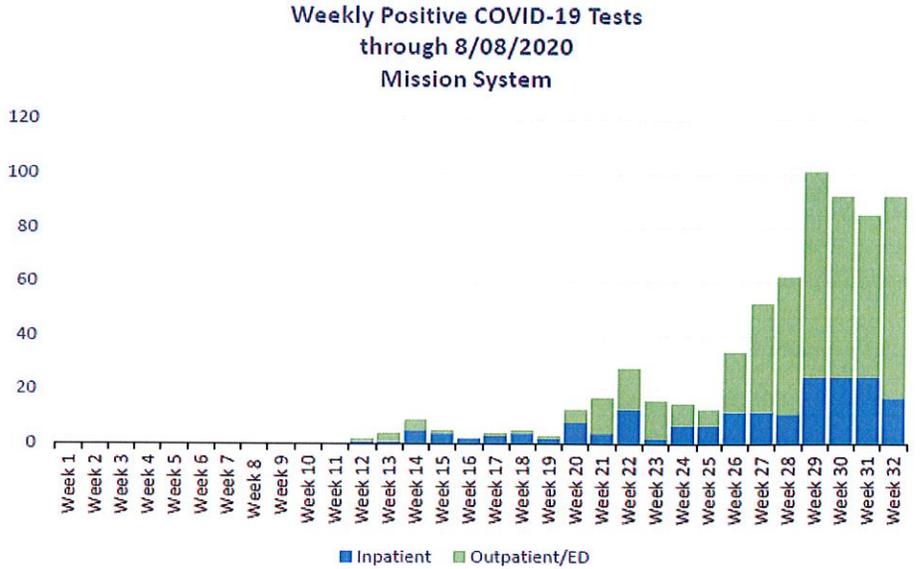
Date	State	# of cases	# of Deaths
8/16/2020	GA	217,219	4,589
	TN	134,138	1,460
	VA	104,252	2,359
	SC	105,423	2,241

# Western North Carolina Public Health Epidemiology Surveillance Report

August 2, 2020 – August 8, 2020 (CDC Week 32)

## I. COVID-19 Testing – Mission System Hospital Labs (inpatients, ED patients, outpatients)

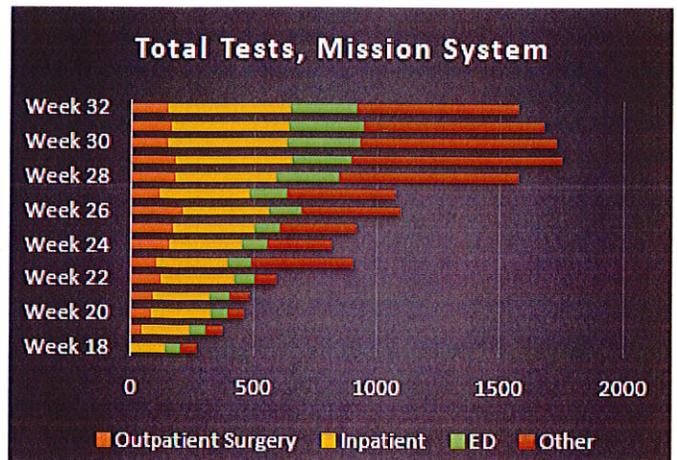
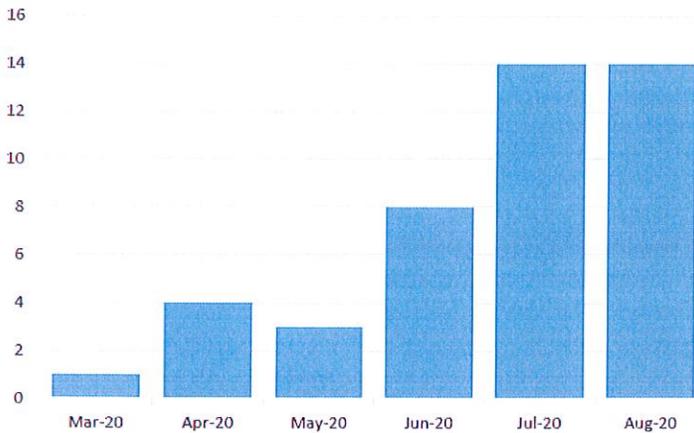
1100 tests were completed with 92 new positives resulting for the week ending 8/08/2020. Please note these results do not include testing that was ordered outside of Mission Healthcare.



## Length of Stay for Hospitalized COVID-19 Patients

The length of stay for hospitalized COVID-19 positive patients in Mission Healthcare ranges from 1 to 67 days, with a median of 6 days. The mean LOS is 8.1 days. There are multiple outliers ranging from 21 to 67 days.

COVID-19 Related Deaths, by Month, through 8/13/2020

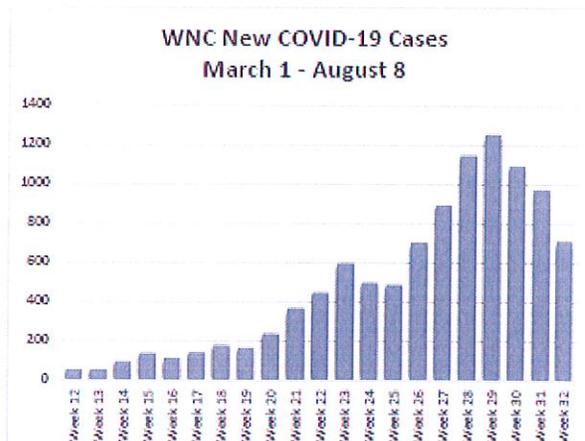
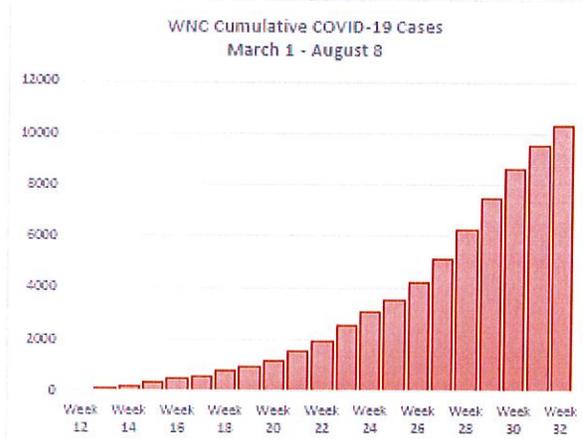


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August 2, 2020 – August 8, 2020 (CDC Week 32)

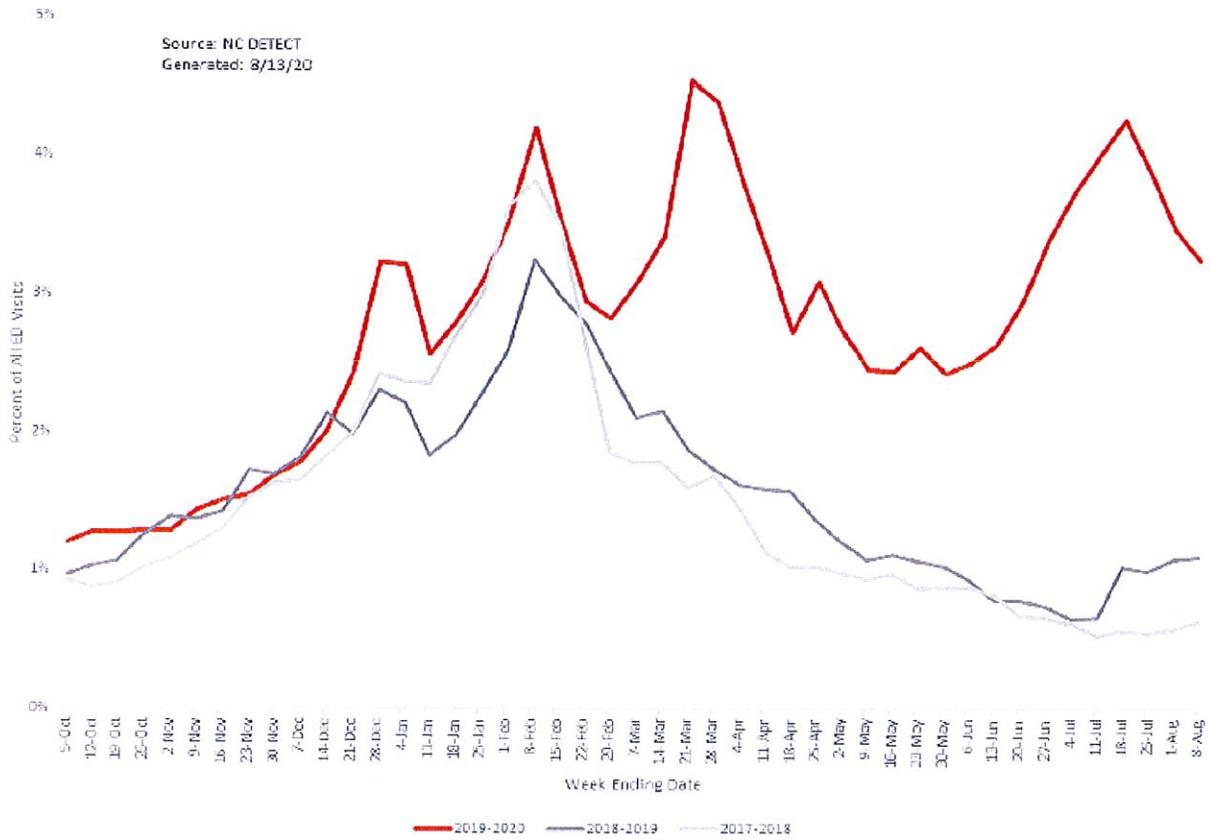
**a. COVID-19 Cumulative and New Cases for Western North Carolina**

The cumulative and new cases for Western North Carolina includes the total number of cases reported for the following counties: Avery, Buncombe, Burke, Caldwell, Cherokee, Clay, Graham, Haywood, Henderson, Jackson, Macon, Madison, McDowell, Mitchell, Polk, Rutherford, Swain, Transylvania, and Yancey Counties.

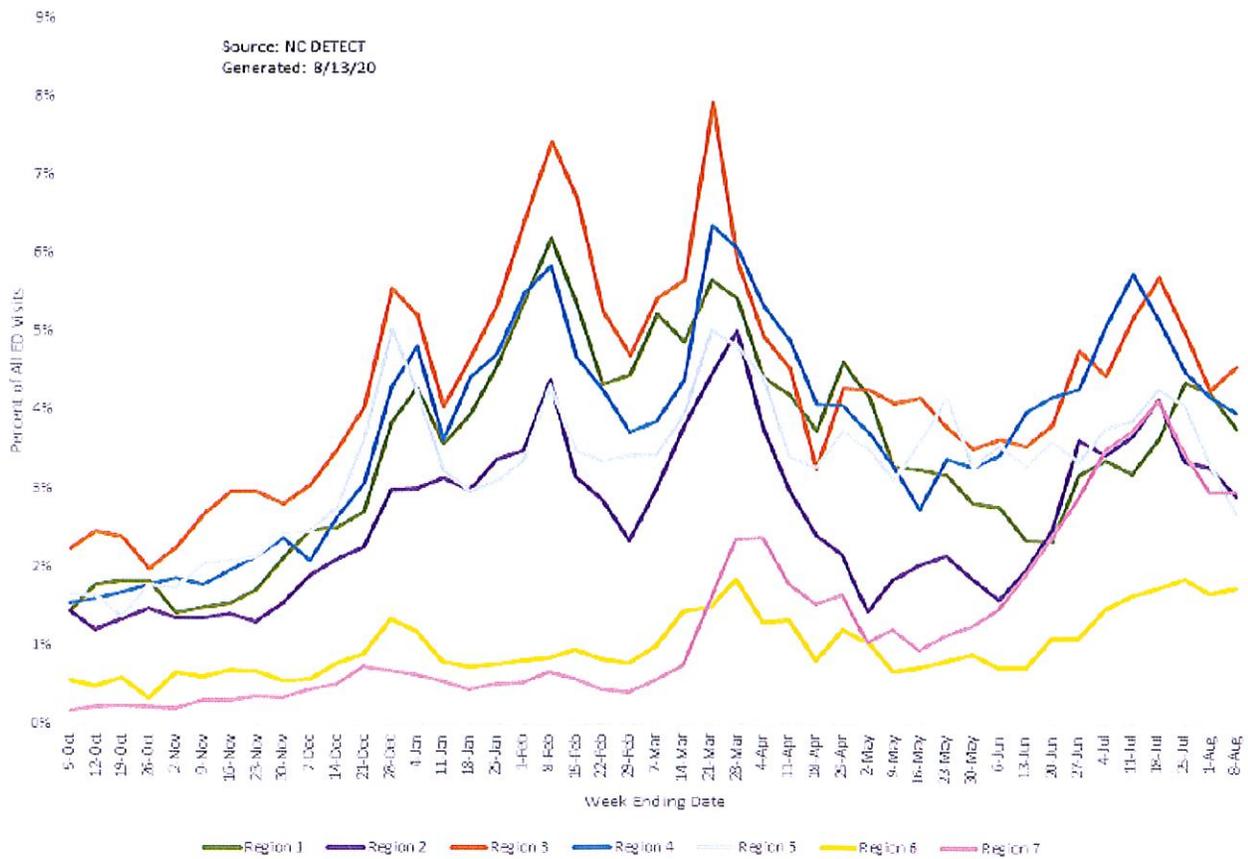


Week	Week Ending Date	Total # RSV Tested	# RSV Positive	# Parainfluenza Positive	# Adenovirus Positive	# Rhinovirus Positive	# hMPV Positive	# COVID-19 Positive	# COVID-19 Tested
Wk-32	8/08/2020	32	0	0	0	0	0	113	1571
Wk-31	8/01/2020	29	0	0	0	2	0	117	1671
Wk-30	7/25/2020	22	0	0	0	1	0	135	1734
Wk-29	7/18/2020	30	0	0	0	1	0	138	1748
Wk-28	7/11/2020	33	0	0	0	2	1	92	1570
Wk-27	7/04/2020	27	0	0	1	1	1	59	1071
Wk-26	6/27/2020	23	0	0	0	1	0	43	1092
Wk-25	6/20/2020	35	0	0	0	2	0	19	888
Wk-24	6/13/2020	33	0	0	0	1	0	17	812
Wk-23	6/06/2020	38	0	0	0	0	0	18	901
Wk-22	5/30/2020	45	0	0	0	0	0	31	846

## What percent of ED visits this season are for COVID-like illness compared to previous seasons?



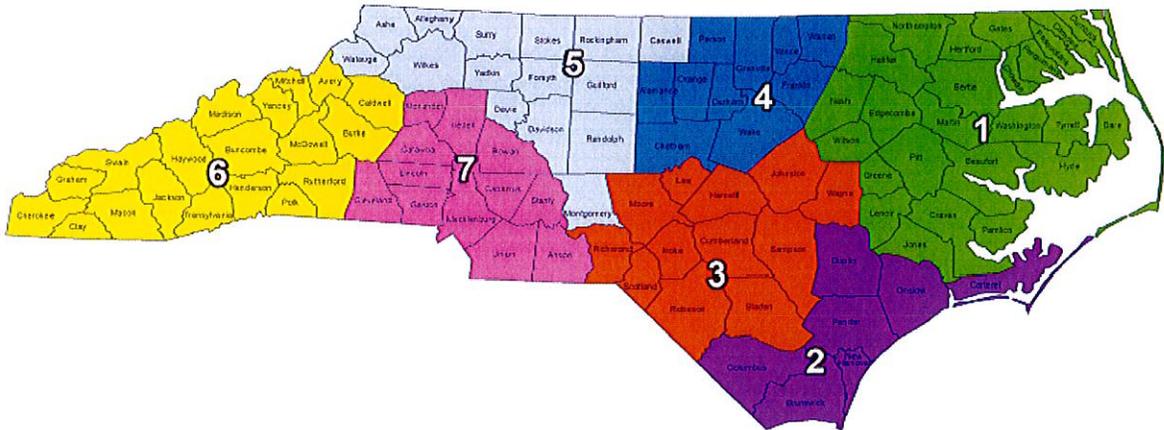
## How does the percentage of ED visits for COVID-like illness compare between regions of the state?



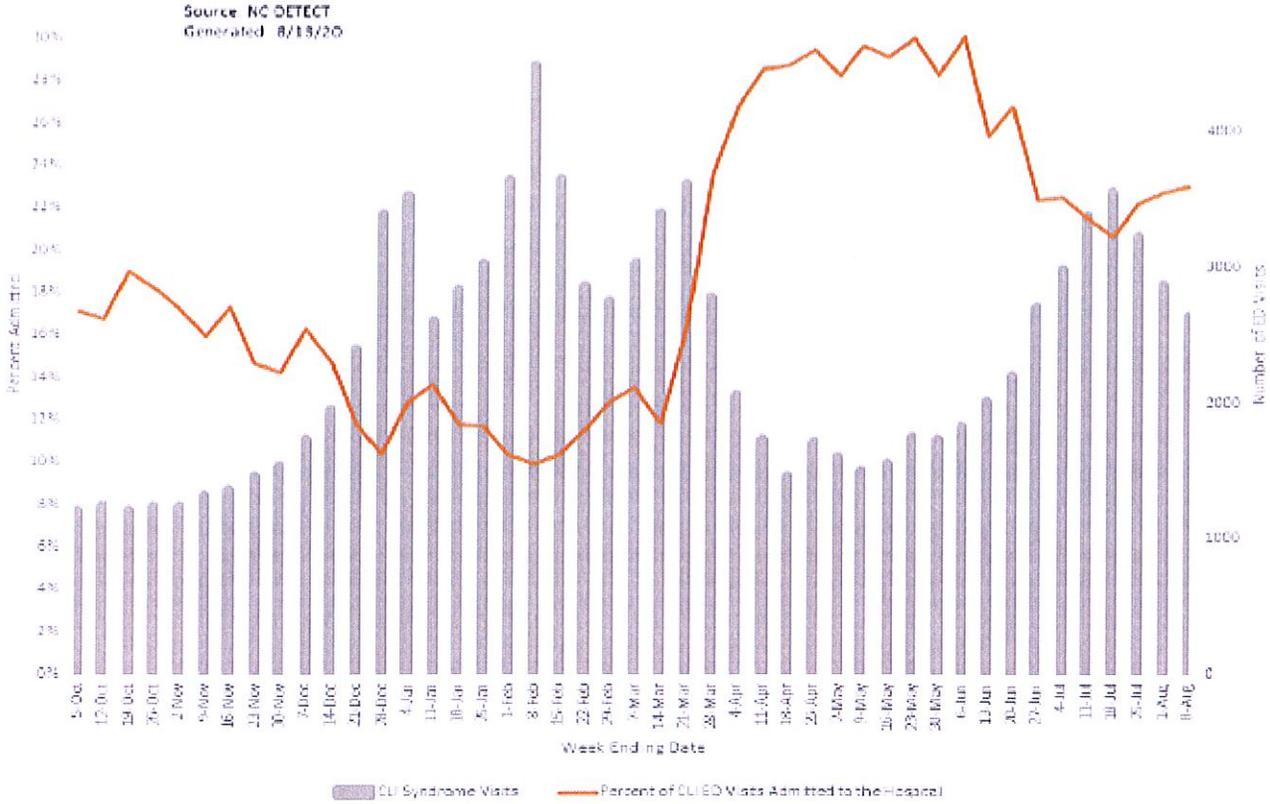
Diseases, including COVID-19, do not spread across the state evenly. The above graph shows the differences between regions in the percentage of ED visits for COVID-like illness. The colors of the lines correspond to the colors on the region map below.

**Regions 1, 2, 4, and 5** showed a **DECREASE** in the percent of ED visits for COVID-like illness the week ending August 8, 2020. **Regions 3, 6, and 7** showed an **INCREASE** in the percent of ED visits for COVID-like illness the week ending August 8, 2020.

Flu Surveillance Regions



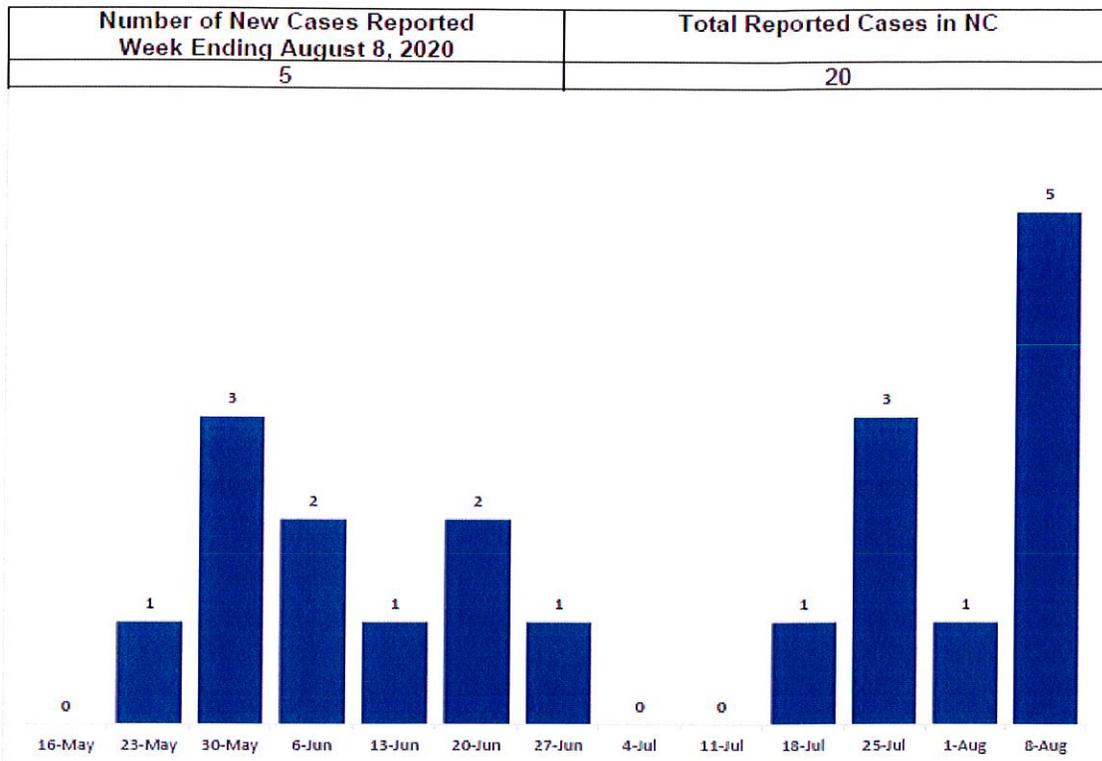
NC Department of Health and Human Services | COVID-19 Surveillance Summary: August 2- August 8, 2020 4



Although the total number of people going to the emergency department with fever and respiratory symptoms has gone down, the percentage of them that have to stay in the hospital for at least 24 hours has gone up. This suggests patients with milder COVID-like illness are either getting care outside the ED or not seeking medical care.

The percentage of patients seen in the ED for COVID-like illness who were admitted to the hospital **INCREASED** the week ending August 8, 2020.

How many cases meeting the CDC case definition for Multisystem Inflammatory Syndrome in Children (MIS-C) Associated with COVID-19 have been reported in North Carolina?



Multisystem inflammatory syndrome in children (MIS-C) is a rare health condition that has been newly identified in a small subset of children with current or recent COVID-19. MIS-C is like other serious inflammatory conditions such as [Kawasaki disease](#) and toxic shock syndrome. Children with MIS-C can have problems with their heart and other organs and need to receive medical attention.

**5,268,157**  
Confirmed Cases  
**16 cases per 100k people**  
(7 day moving average)  
**166,698 Deaths**

COVID-19 Risk Levels United States

Risk Level by State/County

This map displays COVID Risk Levels for each county in the United States. Hover over a county for detailed information on cases and deaths counts. Risk Levels are calculated based on daily cases per 100,000 population (7 day rolling average). See Daily New Cases for actual number of confirmed cases (7 day rolling average). [Learn More](#)

Map

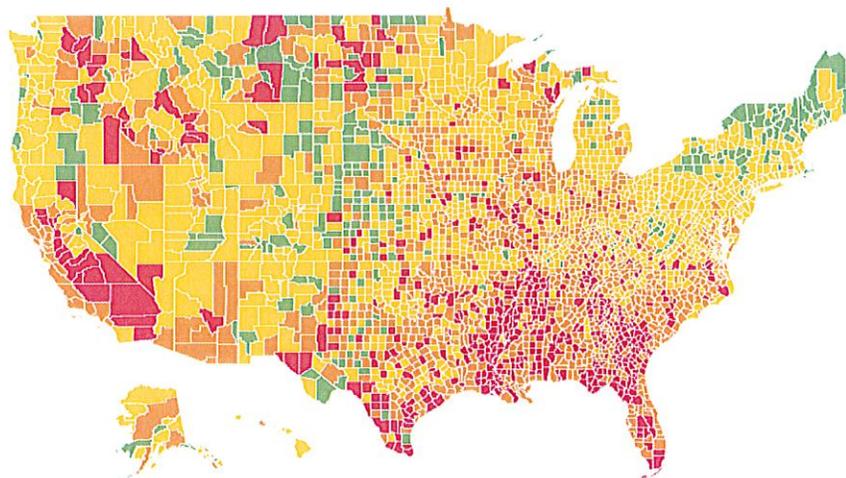
States

Counties

Chart

Tabular

State/County	Daily new cases per 100k people (7d moving avg.)
Georgia	31.5
Florida	30.1
Mississippi	26.4
Idaho	26.1
Tennessee	24.7
Louisiana	24.6
Nevada	24.2
California	23.5
Alabama	23.3
Texas	22.9
Arkansas	20.8
North Dakota	18.7
Missouri	18.4
South Carolina	16.9
Oklahoma	16.8
Kansas	15.8
Kentucky	14.5
Hawaii	14.4
North Carolina	14.3
Iowa	14.0
Illinois	13.8



Risk Levels: Green Yellow Orange Red

Geolocation  
Worldwide **United States**

Clear State/County Selection

- Search
- Alabama
  - Alaska
  - Arizona
  - Arkansas
  - California
  - Colorado
  - Connecticut
  - Delaware
  - District of Columbia
  - Florida
  - Georgia
  - Hawaii
  - Idaho
  - Illinois
  - Indiana
  - Iowa

Export Data (CSV)

Microsoft AI for Health

Source: WHO USAFacts & Bing COVID Tracker

143,336

Confirmed Cases

14 cases per 100k people  
(7 day moving average)

2,313 Deaths

Geolocation

Worldwide **United States**

Clear State/County Selection

Search

- Massachusetts
- Michigan
- Minnesota
- Mississippi
- Missouri
- Montana
- Nebraska
- Nevada
- New Hampshire
- New Jersey
- New Mexico
- New York
- North Carolina
- North Dakota
- Ohio
- Oklahoma

Export Data (CSV)

COVID-19 Risk Levels United States

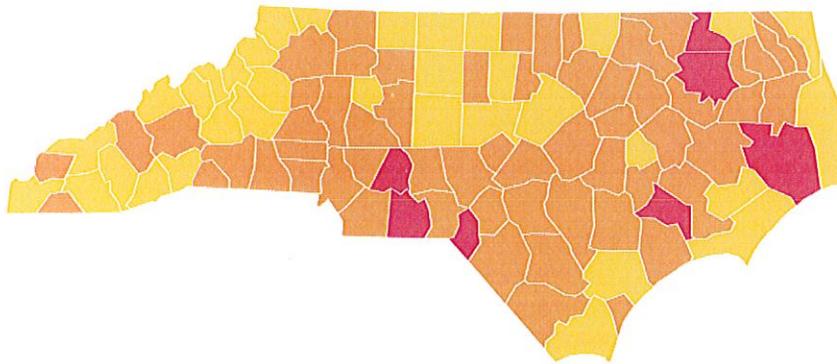
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Map

States

Counties



Microsoft [AI for Health](#)  
Contact: [al4hc19@microsoft.com](mailto:al4hc19@microsoft.com)

Source: [WHO USAFacts](#) & [Bing COVID Tracker](#)

Chart

Tabular

State/County

Daily new cases per 100k people (7d moving avg)

[-] North Carolina

Stanly County, NC	41.2
Hyde County, NC	40.5
Hertford County, NC	35.6
Jones County, NC	31.9
Bertie County, NC	27.1
Anson County, NC	26.9
Scotland County, NC	26.3
Tyrrell County, NC	24.9
Montgomery County, NC	24.7
Wilkes County, NC	24.4
Nash County, NC	24.2
Pitt County, NC	24.2
Edgecombe County, NC	23.0
Robeson County, NC	22.6
Greenville	21.7

143,336

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14 cases per 100k people  
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Geolocation

Worldwide **United States**

Clear State/County Selection

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- Minnesota
- Mississippi
- Missouri
- Montana
- Nebraska
- Nevada
- New Hampshire
- New Jersey
- New Mexico
- New York
- North Carolina
- North Dakota
- Ohio
- Oklahoma

Export Data (CSV)

COVID-19 Risk Levels United States

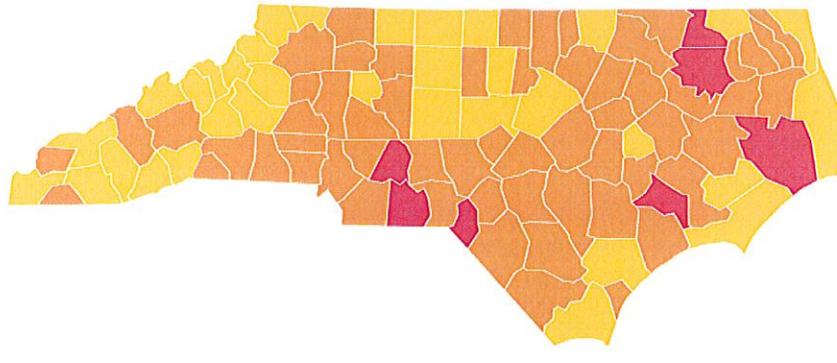
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Map

States

Counties



Microsoft [AI for Health](#)

Source: [WHO USAFacts](#) & [Bing COVID Tracker](#)

Chart

Tabular

State/County

Daily new cases per 100k people (7d moving avg)

County, NC	
Orange County, NC	7.1
Pamlico County, NC	6.7
Cherokee County, NC	6.5
Brunswick County, NC	5.9
Gates County, NC	4.9
Macon County, NC	4.8
Madison County, NC	4.6
Caswell County, NC	4.4
Stokes County, NC	3.4
Yancey County, NC	3.2
Currituck County, NC	3.1
Swain County, NC	2.0
Dare County, NC	1.9
Mitchell County, NC	1.9