

COVID-19 DAILY UPDATES

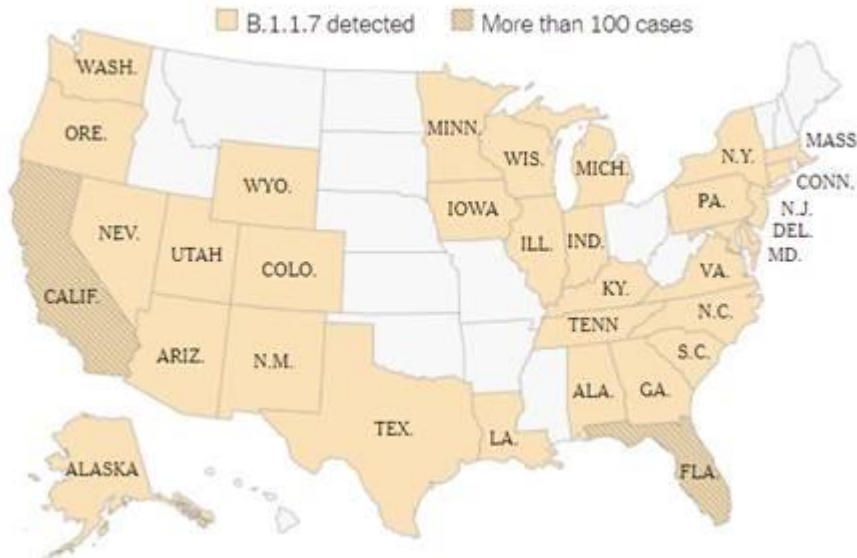
Date	Population	Confirmed cases	Deaths	Number Hospitalized	Recovered	Pending Tests
2/12/2021						
Global	7.6 Billion	108,863,195	2,401,169		61,131,597	
Nationwide	330 Million	27,294,149^0% (63,106) past 24 hr.)	480,728^0% (+1,059 past 24 hr.)		18,224,288^0% (+71,162 past 24 hr)	
NC	10.4 Million	821,894	10,491	1989	730,454	
Madison County	21,763	1,422	34	7	868	37

Date	County	# of Cases	# of Deaths
02/12/2021	Avery	1,776	18
	Buncombe	14,564	274
	Burke	8,919	125
	Haywood	3,663	81
	Henderson	8,388	127
	Madison	1,442	34
	McDowell	4,617	55
	Mitchell	1,220	15
	Rutherford	6,562	193
	Yancey	1,397	23

6.5 % daily positivity for the state

We have heard a lot about COVID-19 mutations, and this is a very concerning situation. At this time, 33 states including NC have the B.1.1.7 (UK) variant. This is the most common variant. It is highly contagious. It appears the vaccine works well in the variant. Researchers spotted the first variant of concern, named B.1.1.7, in the southeastern part of the UK on September 20. By mid-December, it had overtaken all other versions of the virus in the country. B.1.1.7 is now present in 73 countries; US officials have spotted 541 cases in 33 states. Studies have shown B.1.1.7 is between 56% and 70% more contagious than its viral predecessors. There's increasing data that suggest B.1.1.7 may lead to increased mortality.

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The variant first detected in South Africa in October, known as B.1.351 (or 501.Y.V2), has spread to 31 countries. South Carolina reported the US's first two cases of the variant, which is 50% more transmissible, on January 28. Additional cases of B.1.351 were reported recently in Maryland. There's no evidence demonstrating it is deadlier or causes more severe COVID-19, initial research suggest the variant can partially evade the defenses existing vaccines build in our bodies' immune systems. This suggests vaccines will not provide as much protection against B.1.351. Individuals who have previously been infected with a different version of the virus could get reinfected with the new strain.

The variant P.1, with a similar genetic profile to B.1.351, is surging in Brazil. Data show it's 50% more transmissible than the original version of the virus. It has the same trio of concerning spike mutations as B.1.351, so may also be able to evade antibodies generated from previous infections or a vaccine. A study from January identified P.1 as a variant of concern after finding that cases had started spiking in Manaus, Brazil in December. Three-quarters of Manaus residents had already had COVID-19 by then, so the city should have been close to herd immunity from the virus. According to the CDC, the Manaus surge suggests P.1 increases the risk of reinfection in people who've already had COVID-19. P.1 has been reported in nine countries. The US spotted its first case in Minnesota on January 25.

The CAL.20.C variant is distinct from those discovered in the UK, South Africa and Brazil. It carries five mutations: three in the spike protein, which the virus uses to break into cells, and two in other parts of the virus. This variant has been a concern in California and Colorado.

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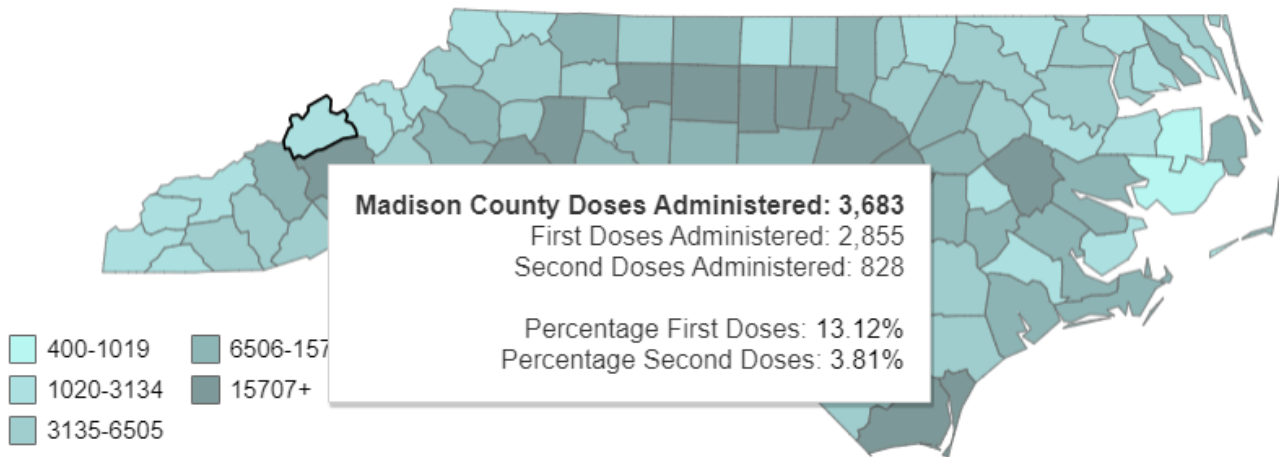
Vaccinations Data: December 14, 2020 – February 11, 2021 at 11:59 p.m.

Total Doses Administered	NC Providers	Federal Long-Term Care Program
1,631,488	1,481,583	149,905

Vaccinations Summary - NC Providers i

	Allocated by Federal Government	Arrived in North Carolina	Total Doses Administered	Percent of Arrived Doses Administered
FIRST DOSES	1,275,350	1,112,375	1,073,131	96%
SECOND DOSES	745,725	603,550	408,452	68%
TOTAL DOSES	2,021,075	1,715,925	1,481,583	86%

County of Residence - First Doses Administered



First Doses Administered: 28,844 county of residence missing.

February 12, 2021