

COVID-19 DAILY UPDATES

Date	Population	Confirmed cases	Deaths	Total Test Completed	Number Hospitalized	Recovered	Pending Tests
8/3/2020							
Global	7.6 Billion	18,093,891	689,625				
Nationwide	330 Million	4,661,209 ^1% (+47,545) past 24 hr.	157,577^0%(+ 413) past 24 hr.			2,380,548	
NC	10.4 Million	125,219	1,969	1,813,510	1,142	92,302	
Madison County	21,763	46	1	2024	0	22	31

Date	County	# of Cases	# of Deaths
8/3/2020	Avery	83	0
	Buncombe	1,689	46
	Burke	1,556	26
	Cherokee	236	3
	Haywood	298	6
	Henderson	1,363	53
	Jackson	394	3
	Macon	446	2
	Madison	46	1
	McDowell	604	9
	Mitchell	77	2
	Polk	137	5
	Rutherford	642	13
	Swain	105	2
	Transylvania	127	1
	Wilkes	734	10
	Yancey	72	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
8/3/2020	0-17	11% (13,975)	0% (1)	Male	48% (59,888)	54%(1,054)
	18-24	14% (17,452)	0% (2)	Female	52% (64,355)	46% (903)
	25-49	44% (55,133)	5% (103)	Unknown	2%	
	50-64	19%(23,643)	16% (306)			
	65 -74	6% (8,043)	22% (438)			
	75+	6% (6,928)	57%(1,119)			

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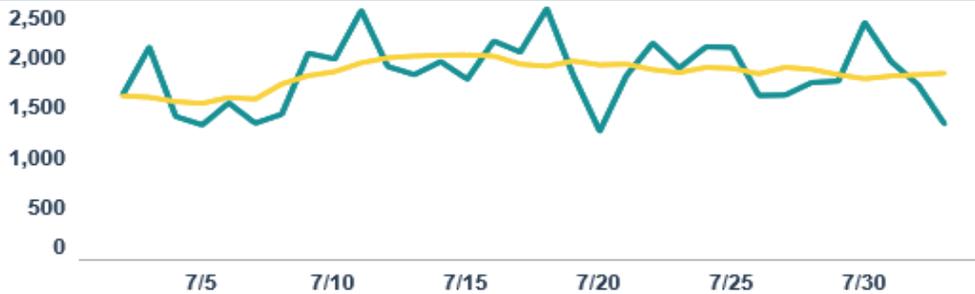
Top North Carolina Counties with over two thousand cases

Date	County	# of Cases	# of Deaths
8/3/2020	Mecklenburg	20,864	210
	Wake	11,113	133
	Durham	5,871	77
	Guilford	5,209	147
	Forsyth	4,925	48
	Johnston	3,957	43
	Gaston	3,013	37
	Union	2,802	40
	Roberson	2,635	51
	Cumberland	2,734	50
	Wayne	2,312	37
	Cabarrus	2,406	46
	New Hanover	2,337	19
	Alamance	2,207	41

States Surrounding North Carolina

Date	State	# of cases	# of Deaths
8/3/2020	GA	175,875	3,766
	TN	110,797	1,175
	VA	90,535	2,205
	SC	91,335	1,771

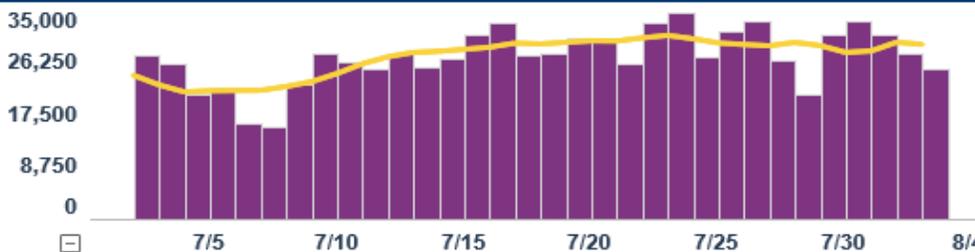
Daily Cases



LAB-CONFIRMED CASES

125,219

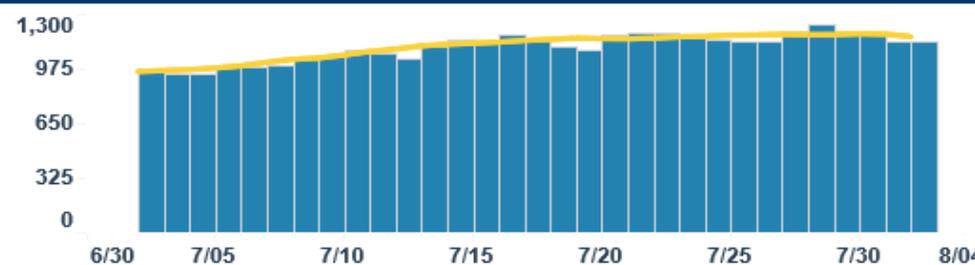
Daily Tests



COMPLETED TESTS

1,813,510

Daily Number of People Currently Hospitalized



CURRENTLY HOSPITALIZED

1,142

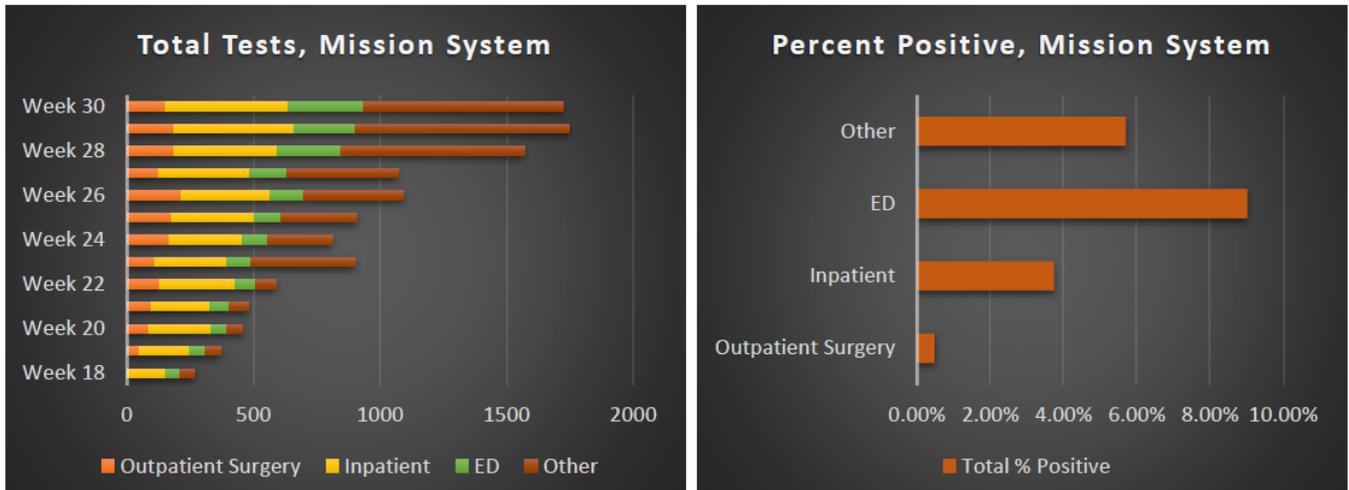
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Western North Carolina Public Health Epidemiology Surveillance Report

July 19, 2020 – July 25, 2020 (CDC Week 30)

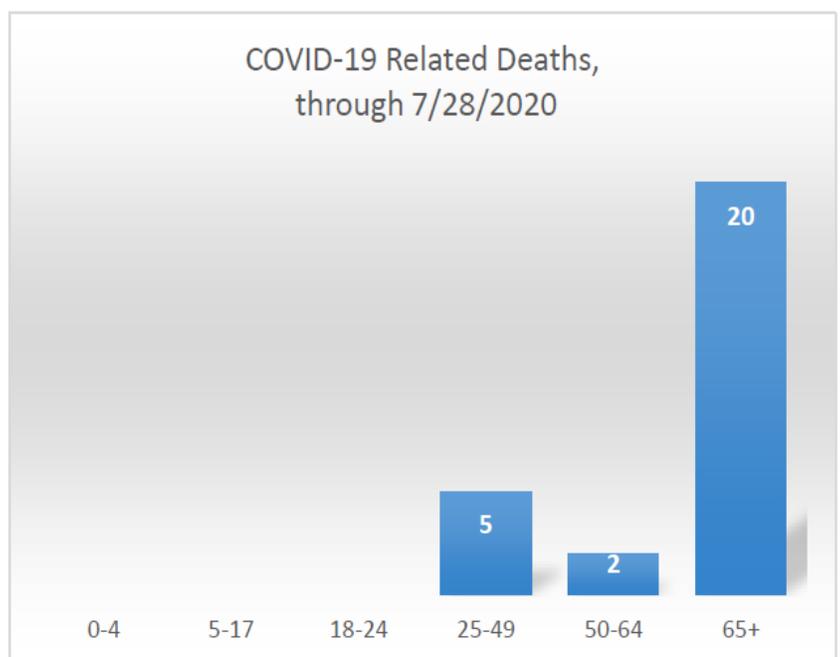
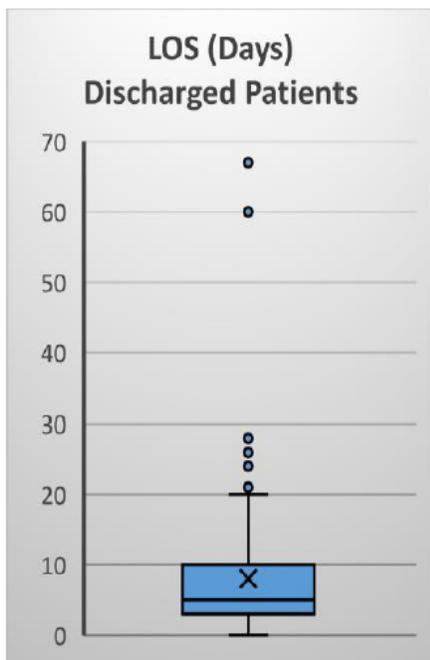
III. Total COVID-19 Tests and Percent Positivity, Mission Healthcare Labs, by Type and by Week

Total number of tests processed through Mission Healthcare Labs including in-house and commercial testing. 'Other' includes all ambulatory, telehealth, outreach lab orders, non-patient lab orders, etc.



IV. Length of Stay for Hospitalized COVID-19 Patients and COVID-19 Related Deaths, Mission Healthcare

The length of stay for hospitalized COVID-19 positive patients in Mission Healthcare ranges from 1 to 67 days, with a median of 5 days. The mean LOS is 8.0 days. There are multiple outliers ranging from 21 to 67 days.

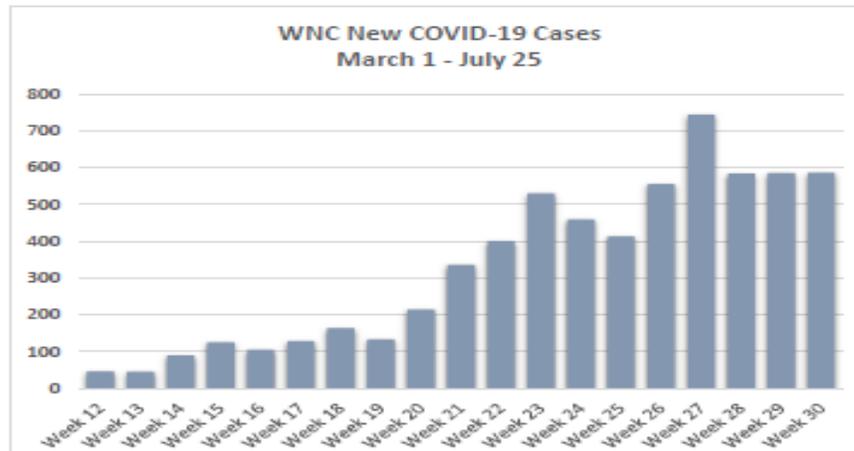
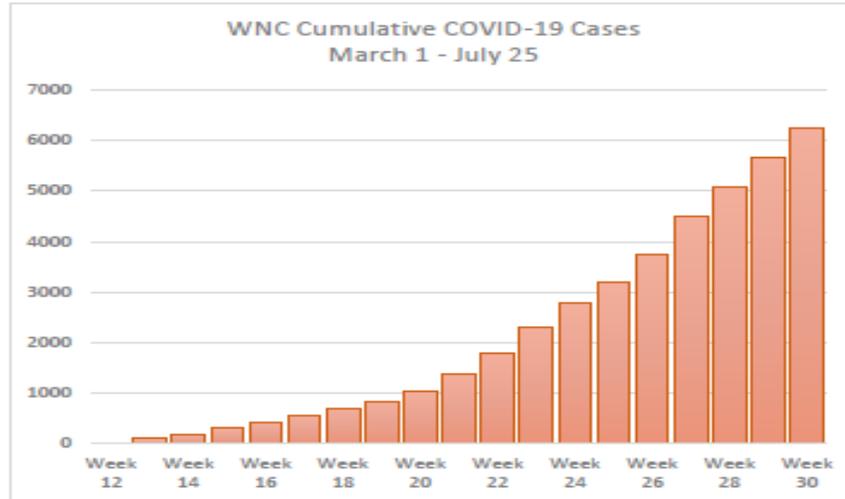


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V. COVID-19 Cumulative and New Cases for Western North Carolina

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.

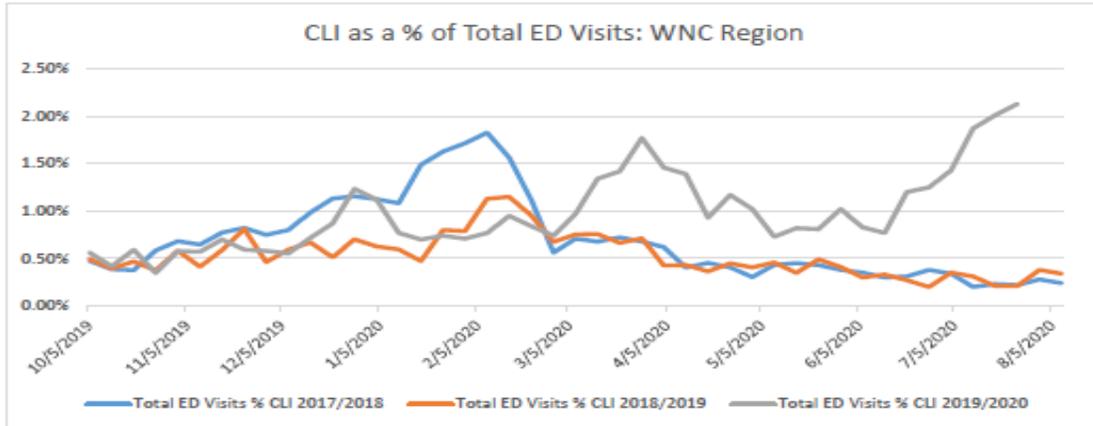


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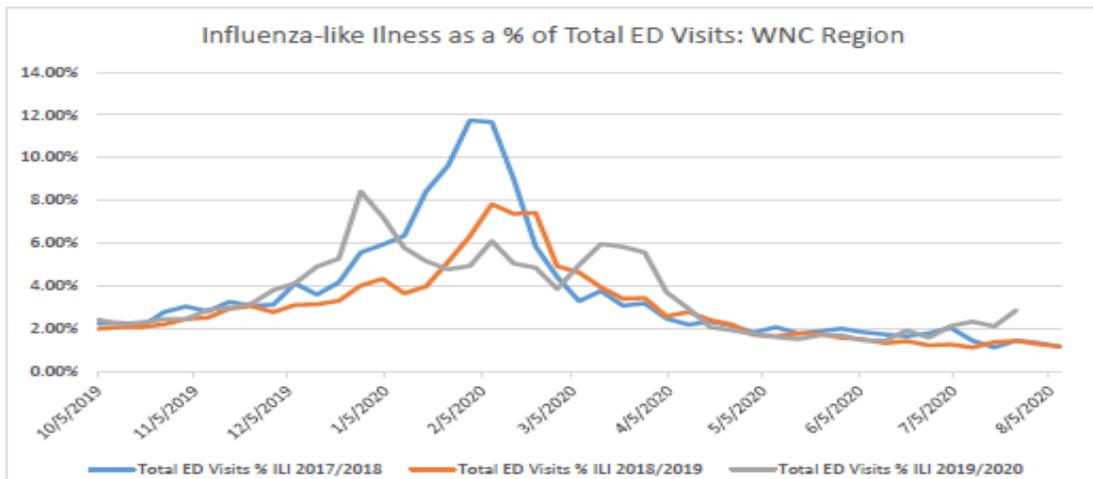
VI. Region 6 Western North Carolina ED: CLI Cases as a Percentage of All ED Visits

The CLI Case Definition includes all ED records with s/s that may indicate COVID-like illness including cough, SHOB, respiratory distress AND fever, temp, chills.



VII. Region 6 Western North Carolina ED: CDC ILI Cases As a Percentage of All ED Visits

CDC ILI Case Definition includes all ED records with free text terms including fever, febrile, temperature AND cough or sore throat.



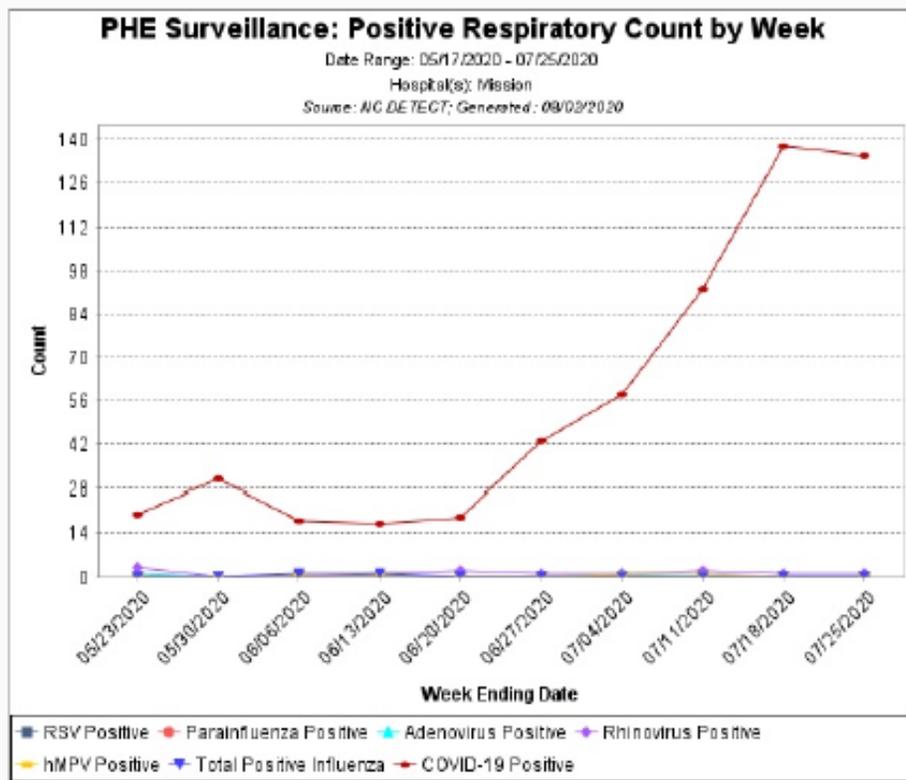
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VIII. Positive Respiratory Count for Mission Hospital

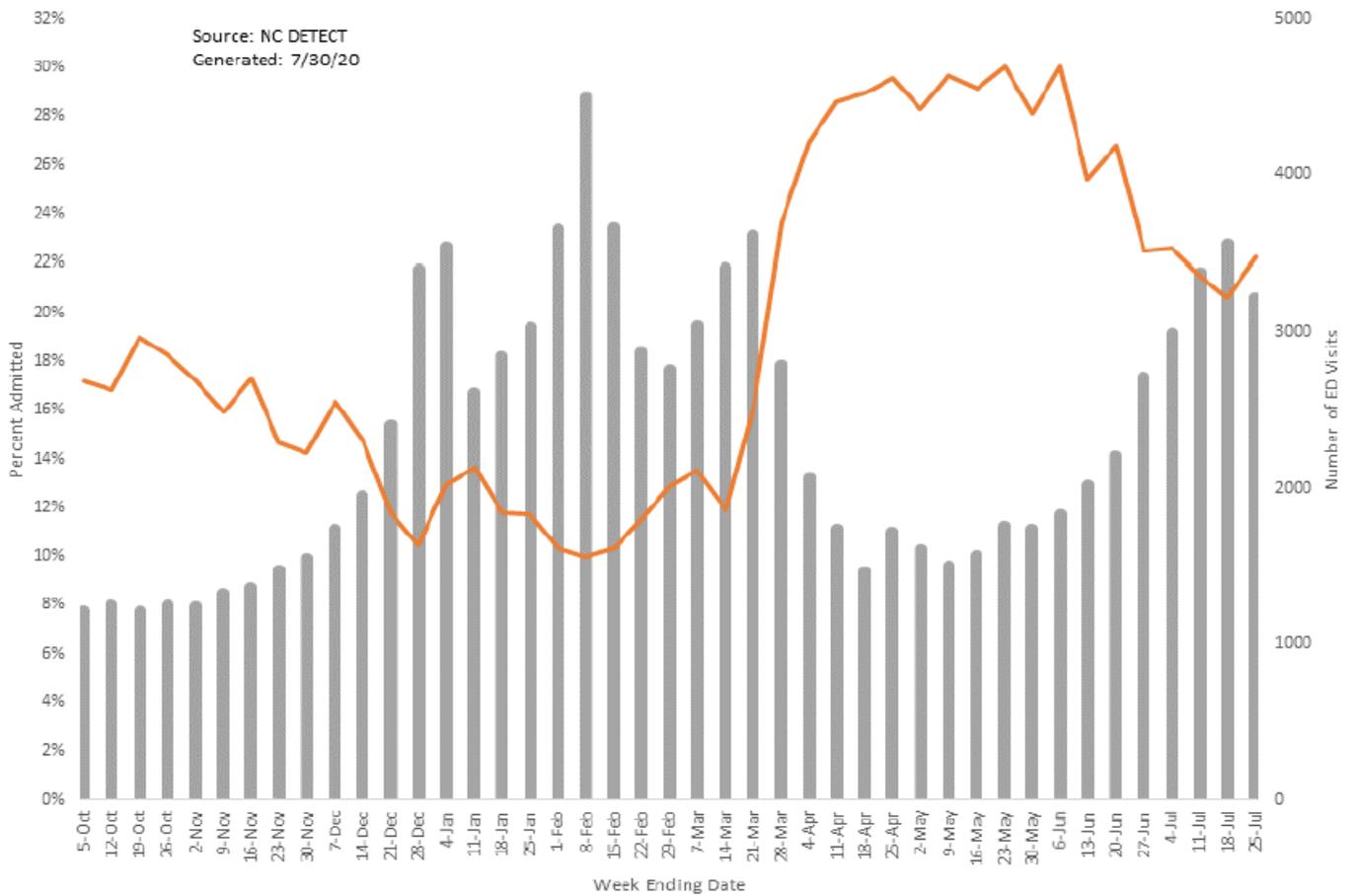
The RP (respiratory panel) test contains PCR tests for mycoplasma, Chlamydia pneumoniae, pertussis, human rhinovirus/enterovirus, human metapneumovirus (hMPV), adenovirus, RSV, 4 common coronaviruses, 4 parainfluenza viruses, and tests for influenza A (including tests specifically for H1 and H3) and B, and has been available since 2016. Test results for COVID-19 were added beginning Week 11.



Week	Week Ending Date	Total # RSV Tested	# RSV Positive	# Parainfluenza Positive	# Adenovirus Positive	# Rhinovirus Positive	# hMPV Positive	# COVID-19 Positive	# COVID-19 Tested
Wk-39	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	7/4/2020	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

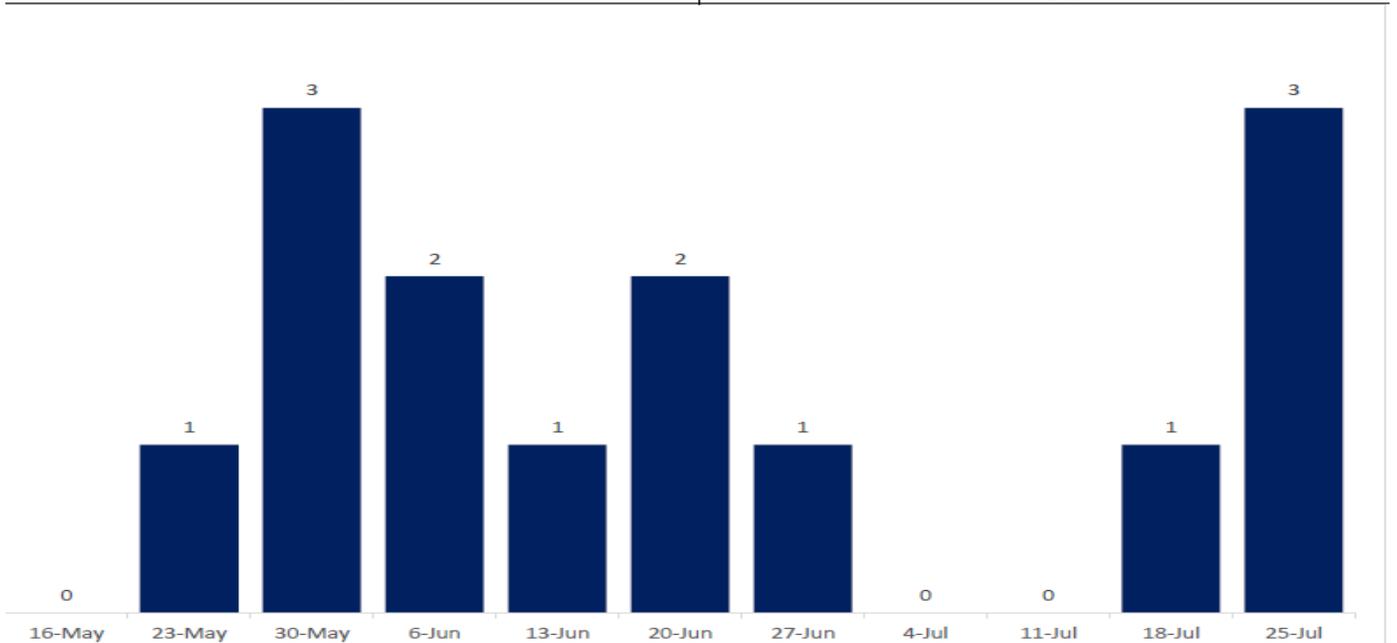
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What percentage of people who go to the ED for COVID-like illness have to stay in the hospital?



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?

Number of New Cases Reported Week Ending July 25, 2020	Total Reported Cases in NC
3	14



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The Centers for Disease Control and Prevention released a study Friday on the outbreak that infected 260 campers and staff, saying that it shows children are susceptible to the virus and "play an important role in transmission."

These findings demonstrate that SARS-CoV-2 spread efficiently in a youth-centric overnight setting, resulting in high attack rates among persons in all age groups, despite efforts by camp officials to implement most recommended strategies to prevent transmission. Asymptomatic infection was common and potentially contributed to undetected transmission, as has been previously reported (1–4). This investigation adds to the body of evidence demonstrating that children of all ages are susceptible to SARS-CoV-2 infection (1–3) and, contrary to early reports (5,6), might play an important role in transmission (7,8). The multiple measures adopted by the camp were not sufficient to prevent an outbreak in the context of substantial community transmission. Relatively large cohorts sleeping in the same cabin and engaging in regular singing and cheering likely contributed to transmission (9). Use of cloth masks, which has been shown to reduce the risk for infection (10), was not universal. An ongoing investigation will further characterize specific exposures associated with infection, illness course, and any secondary transmission to household members. Physical distancing and consistent and correct use of cloth masks should be emphasized as important strategies for mitigating transmission in congregate settings.

The U.S. is in a new and far more widespread phase in its fight against the coronavirus than when it first raced across the nation in the spring, the White House coronavirus task force coordinator said Sunday. Dr. Deborah Birx, speaking on CNN's "State of the Union," warned that rural America should not feel immune to the virus, which has thus far been more damaging in urban areas. She said the national death toll, which some experts have estimated could double to more than 300,000, depends on how well southern and western states promote mitigation.

"It is extraordinarily widespread," Birx said. "This epidemic right now is different and it's more widespread and it's both rural and urban."