



May 1, 2020

## Data for Mecklenburg County COVID-19 Cases

**Mecklenburg County, NC** – As of today, there are 1,654 cases of novel coronavirus (COVID-19) with 50 deaths due to COVID-19 among Mecklenburg County residents. Data from two days ago is listed below.

On April 29, 2020, there were 1,587 cases of COVID-19 and 46 deaths due to COVID-19 among county residents reported to Mecklenburg County Public Health (MCPH).

MCPH provides these routine updates about reported cases of COVID-19 to help our community better understand how this pandemic is developing in our county. These results only reflect laboratory confirmed cases of COVID-19 among *county residents*. Many individuals infected by COVID-19 have not been tested because they are asymptomatic or do not meet current CDC recommendations for testing. As such, these results are very fluid and only represent a fraction of the true burden of COVID-19 in our community.

Daily case counts provided by MCPH may differ from state and federal counts due to delays in reporting to the various entities. MCPH updates case counts after an initial case review and, where possible, a patient interview is conducted, which includes confirming county residency. Cases reported after 5:00 PM are counted in the following day's case count.

Based on recent guidance from North Carolina Department of Health and Human Services (NC DHHS), MCPH now provides the names of facilities actively experiencing an outbreak. Similar to reported cases of COVID-19, our counts of cases and deaths connected to these outbreaks may differ from state counts due to delays in reporting, timing of investigations and residency status of residents or staff. To avoid conflicting data, MCPH will rely on NC DHHS for public reporting of the COVID-19 case counts and deaths connected with these outbreaks.

Highlights about the epidemiology of COVID-19 in Mecklenburg County as of April 29, 2020 include:

- About 3 in 4 reported cases were adults ages 20 to 59 years old.
- About 1 in 6 reported cases were hospitalized due to their COVID-19 infection. While everyone is at risk for severe COVID-19 complications, reported cases who were older adults ( $\geq 60$  years) were four times more likely to be hospitalized compared to younger individuals.
- About 2 in 3 reported cases have met CDC criteria to be released from isolation.
- During the past week, an average of 70 individuals with laboratory confirmed COVID-19 infections were hospitalized at acute care facilities in Mecklenburg County. This

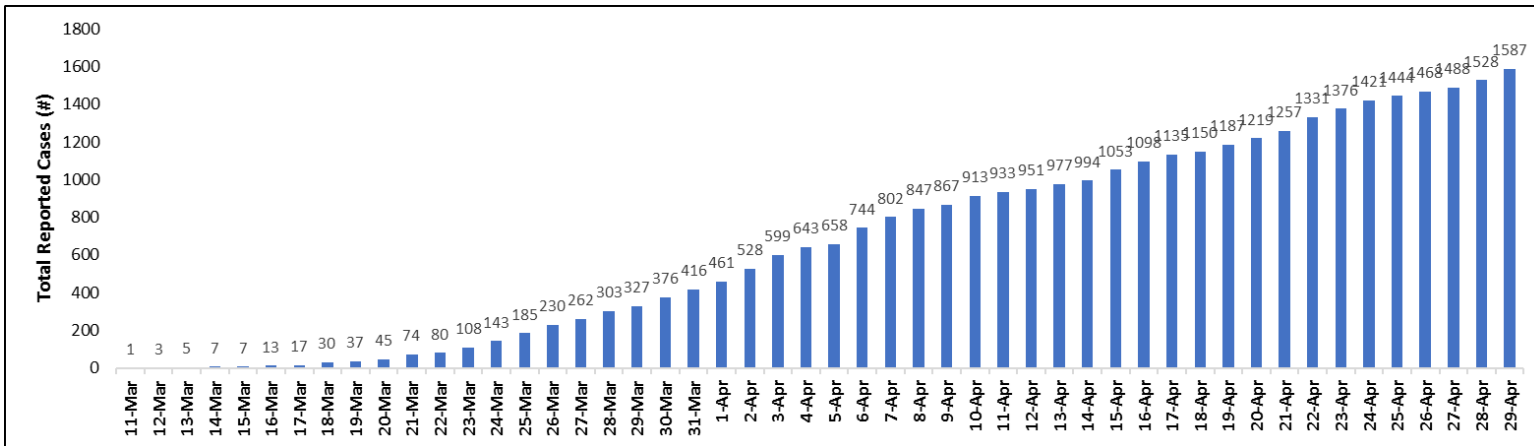


represents a *slight decrease* over the last 14-days. These data are based on daily census counts from acute care facilities in Mecklenburg County reporting to MCPH.

- During the past week, an average of 9 percent of individuals who were tested were positive for COVID-19. This represents a *slight decrease* over the last 14-days. These data only include tests conducted by Atrium Health and Novant Health.
- Forty-six deaths due to COVID-19 occurred among reported cases.
  - Almost all deaths were among older adults ( $\geq 60$  years), 3 deaths were adults ages 50 to 59.
  - All deaths occurred among adults with underlying chronic illnesses.
  - Almost all were hospitalized.
  - More than half were male.
  - More than half were non-Hispanic Whites.
- Based on publicly available mobility tracking, there has been a *sustained increase* in social distancing in Mecklenburg County since the Stay at Home Order became effective on March 26, 2020.

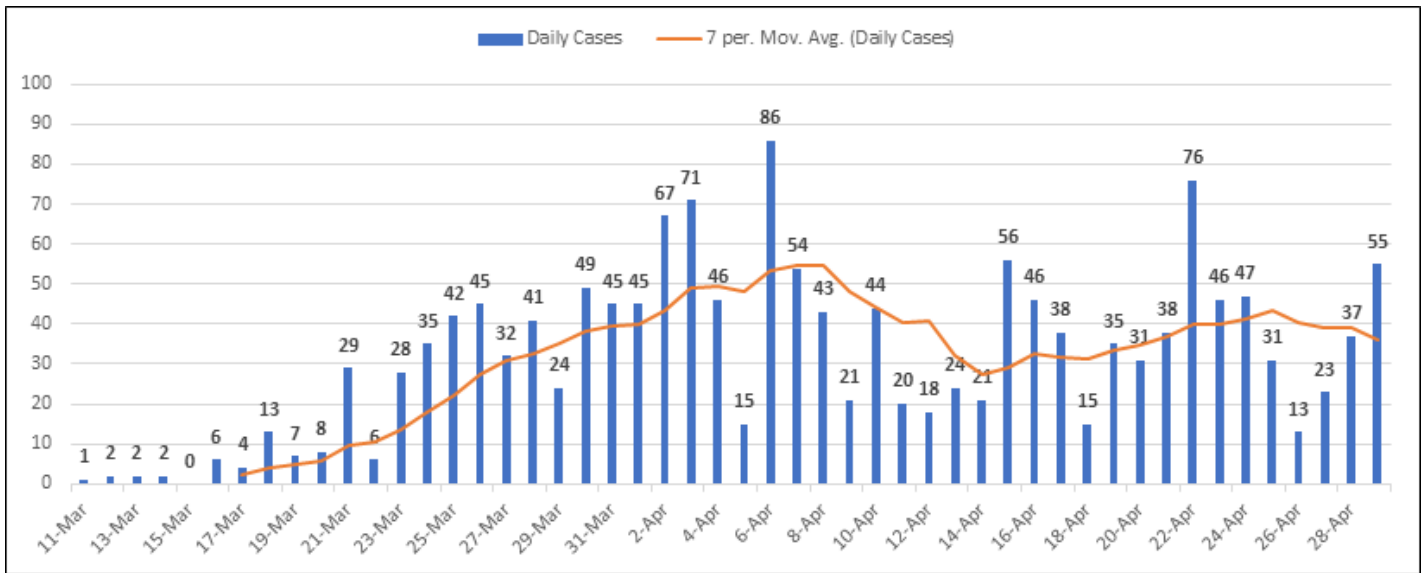
More data on the epidemiology of COVID-19 in Mecklenburg County as of April 29, 2020:

**Total COVID-19 Cases Reported to MCPH by Date  
(as of April 29, 2020)**

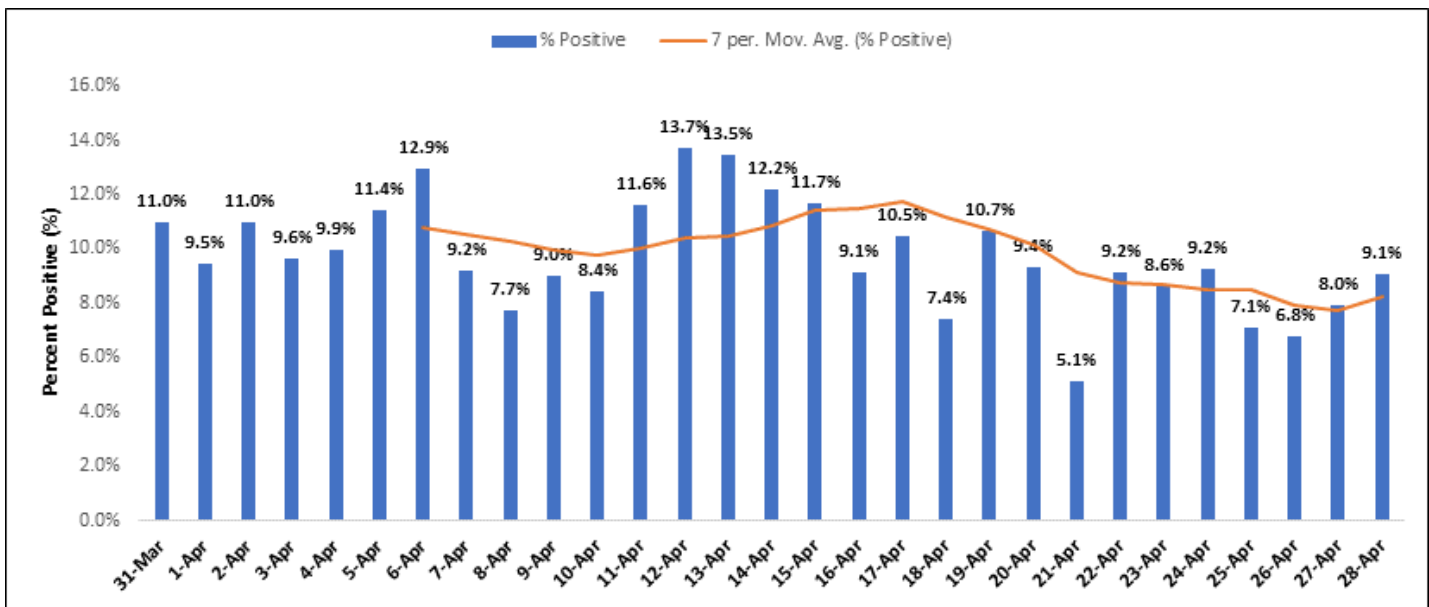




### Daily COVID-19 Cases Reported to MCPH by Date (as of April 29, 2020)



### Daily Percent Positive of Laboratory COVID-19 Tests<sup>1</sup>



<sup>1</sup> Data only include laboratory tests and confirmed cases reported by Atrium Health and Novant Health through April 29, 2020.



**Select Characteristics of COVID-19 Cases Reported to MCPH  
(as of April 29, 2020)**

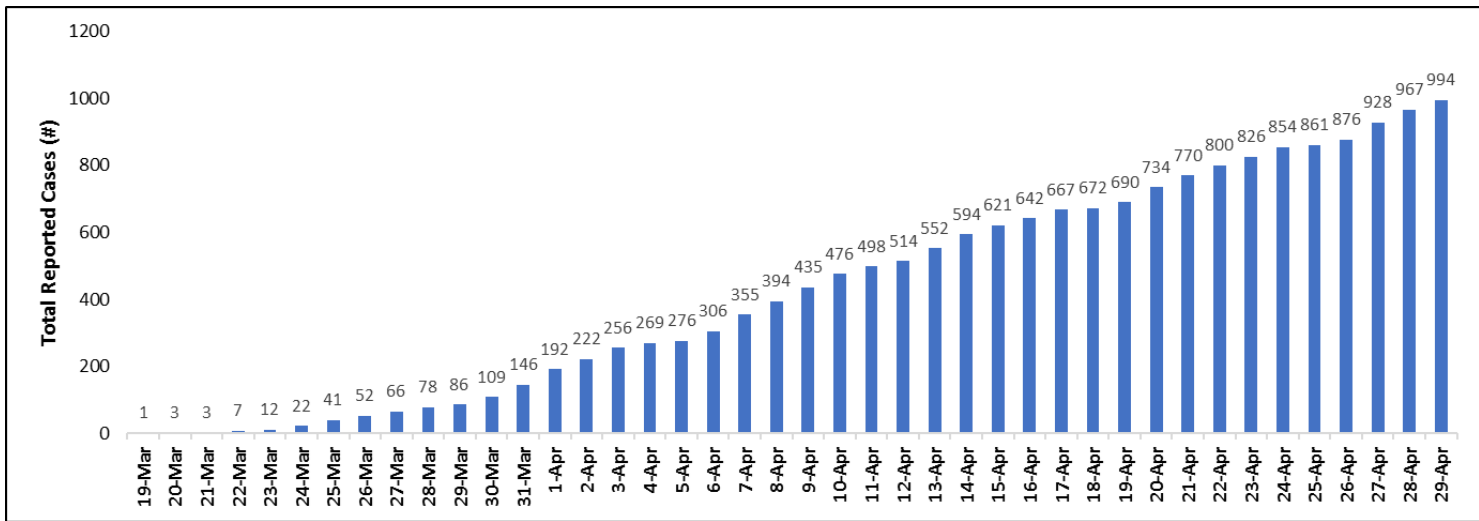
	<b>Selected Characteristics</b>	<b>Percent of Reported COVID-19 Cases</b>
<b>Age</b>	<20	3.2%
	20-39	33.4%
	40-59	35.2%
	≥ 60	28.2%
<b>Sex</b>	Female	54.6%
	Male	45.4%
<b>Race/Ethnicity</b>	White*	28.9%
	Black*	43.9%
	Hispanic	19.5%
	Asian*	2.8%
	Alaskan Native/American Indian*	<1.0%
	Not Reported	4.8%
<b>Hospitalization</b>	Not Hospitalized	78.3%
	Ever Hospitalized	16.2%
	Under Investigation	5.5%
<b>Outcomes</b>	Released from Isolation	62.6%
	Death	2.9%

\*Non-Hispanic

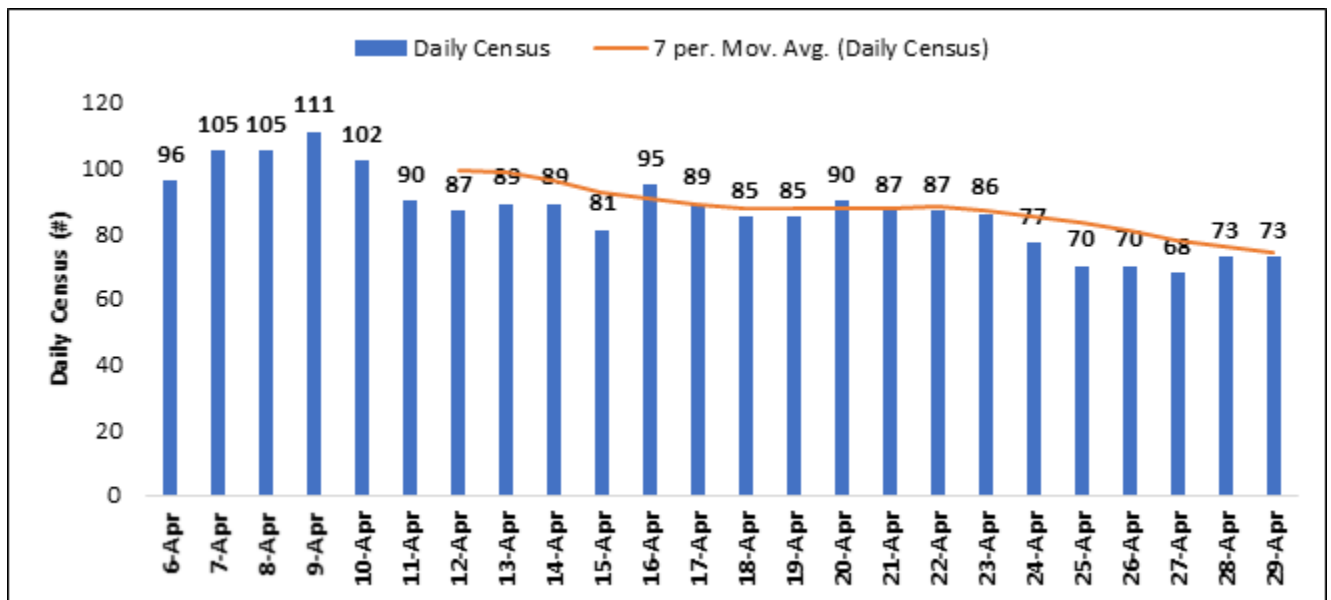
**Total COVID-19 Cases Reported to MCPH Released from Isolation**



(as of April 29, 2020)



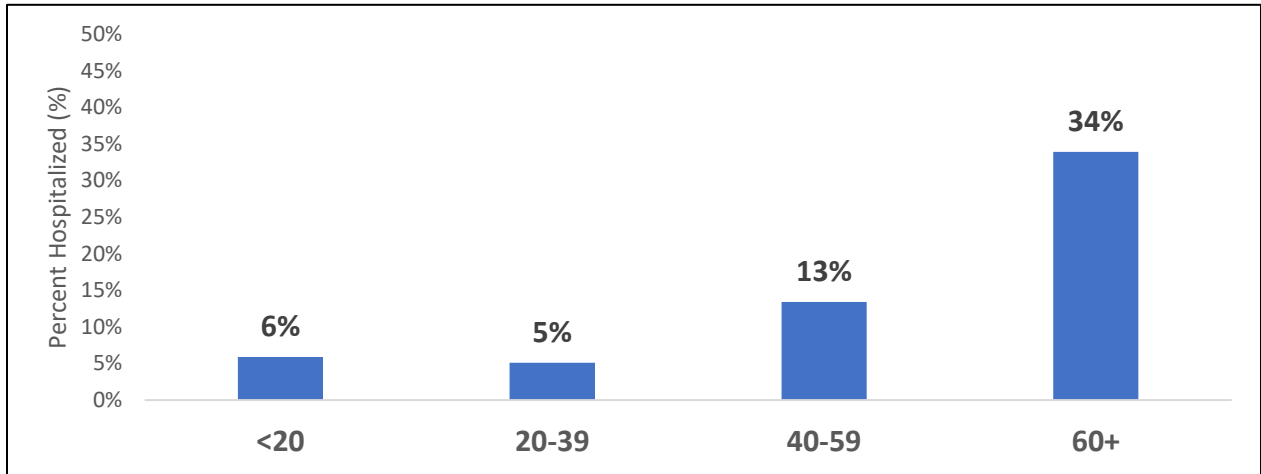
### Daily Hospital Census of Patients with Laboratory Confirmed COVID-19<sup>2</sup>



<sup>2</sup> Data include all patients hospitalized at Atrium Health and Novant Health acute care facilities in Mecklenburg County.

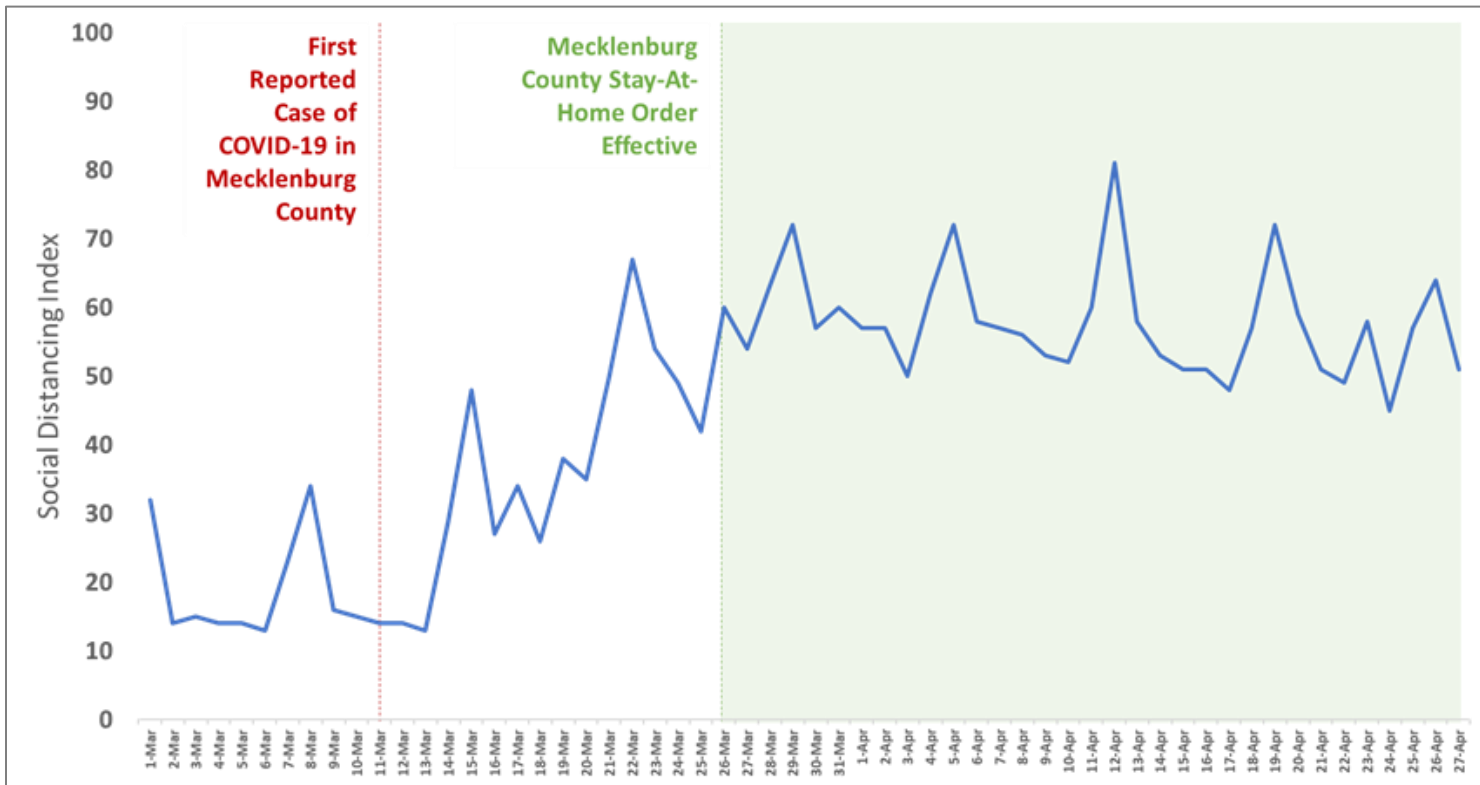


### Hospitalization Rates by Age Group among COVID-19 Cases Reported to MCPH (as of April 29, 2020)





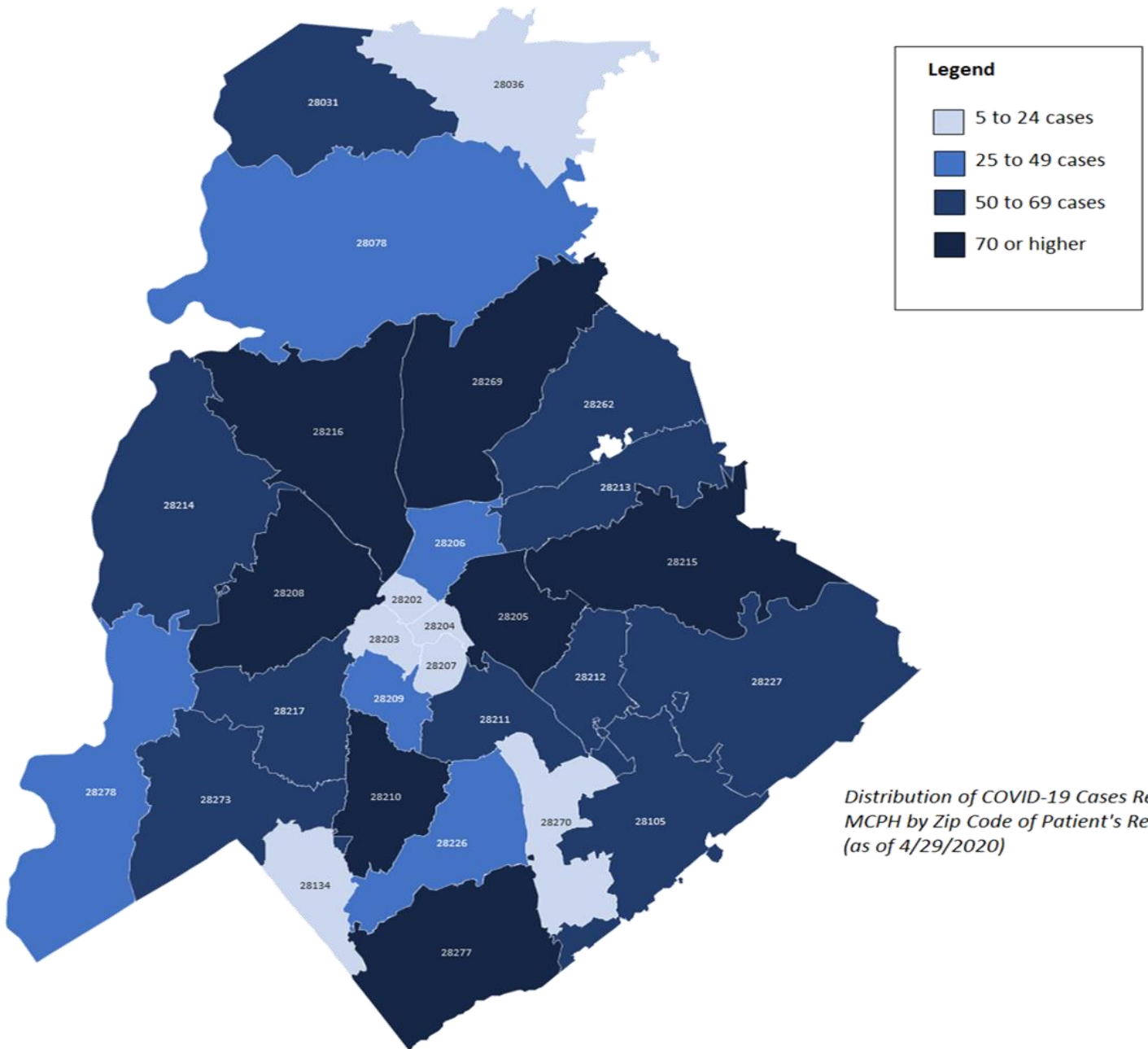
### Daily Social Distancing Index<sup>3</sup>



<sup>3</sup> Source: County-Level Estimates for Mecklenburg County from University of Maryland COVID-19 Impact Analysis Platform accessed at: <https://data.covid.umd.edu/>.



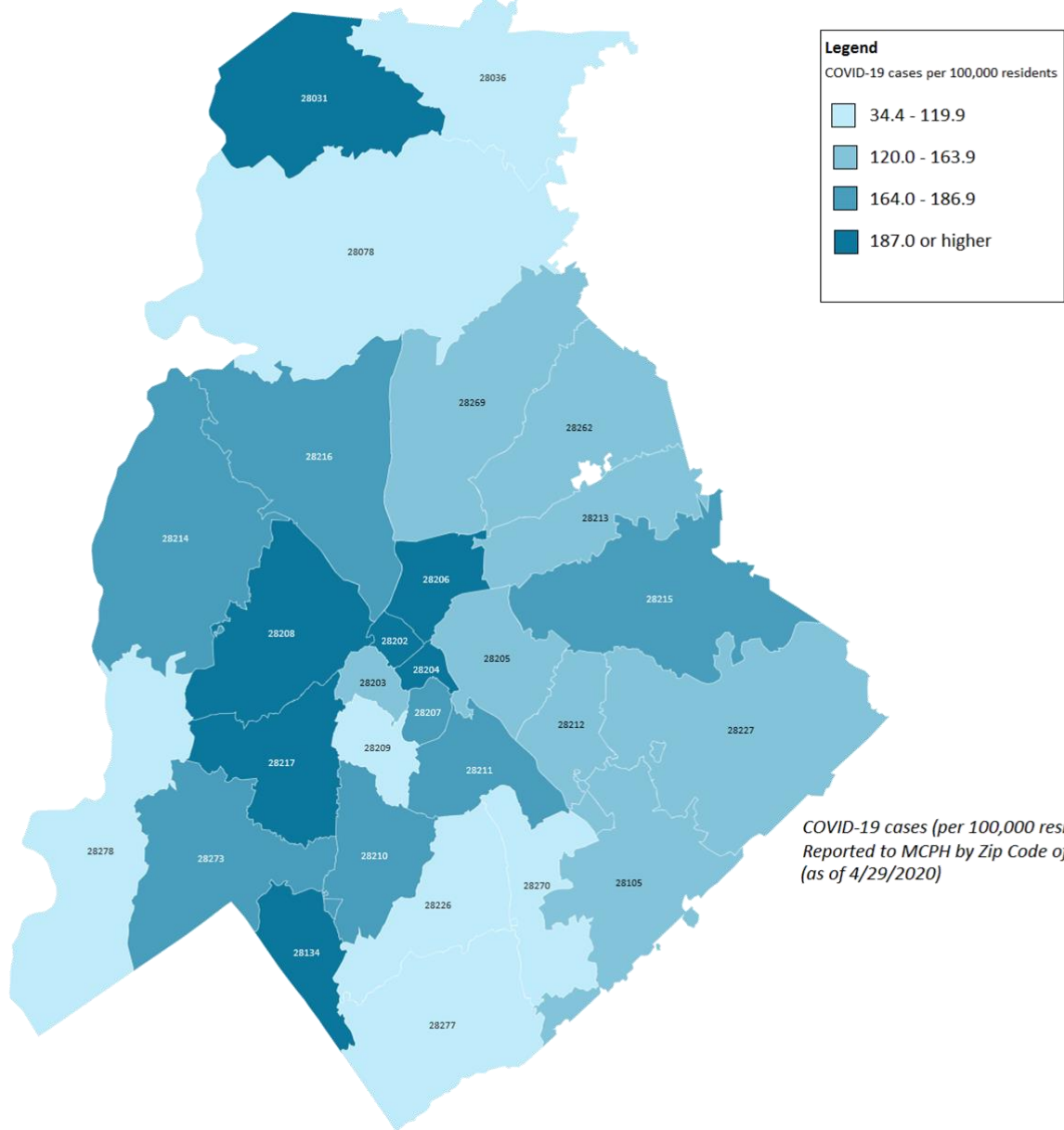
**Distribution of COVID-19 Cases Reported to MCPH by Zip Code of Patient's Residence  
(as of April 29, 2020)**







**COVID-19 Cases (per 100,000 residents) Reported to MCPH by Zip Code of Patient's Residence (as of April 29, 2020)**



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