## SUMMARY

- As of April 27, 2021, Fulton County has recorded **81,278 confirmed cases** and **14,582 probable cases** of COVID-19.
- Figure 1 shows both confirmed and probable case counts but the ensuing tables and figures use data from **confirmed cases only.**
- As of April 27, 2021, Fulton County has recorded **1,260 confirmed COVID-19 deaths.** 114 deaths are currently under review by GA DPH to confirm cause of death.
- By city, new confirmed COVID-19 case rates range from 77.7 per 100,000 persons (Johns Creek) to 224.2 per 100,000 persons (Union City). **[Fulton County Diagnoses Rates (per 100,000 persons): Cumulative – 7345.9; Incidence –132.6**]. See map showing incident case rate by ZIP code on Pg.12.
- Among all confirmed cases of COVID-19 in Fulton County **since Sept. 1, 4.4% required hospitalization and 1.3% died.**
- Of all PCR testing done in Fulton County between April 12 and April 25, **the percent positivity rate was 5.2%.**

Fig 1. Daily and Cumulative Confirmed and Probable COVID-19 cases in Fulton County, GA
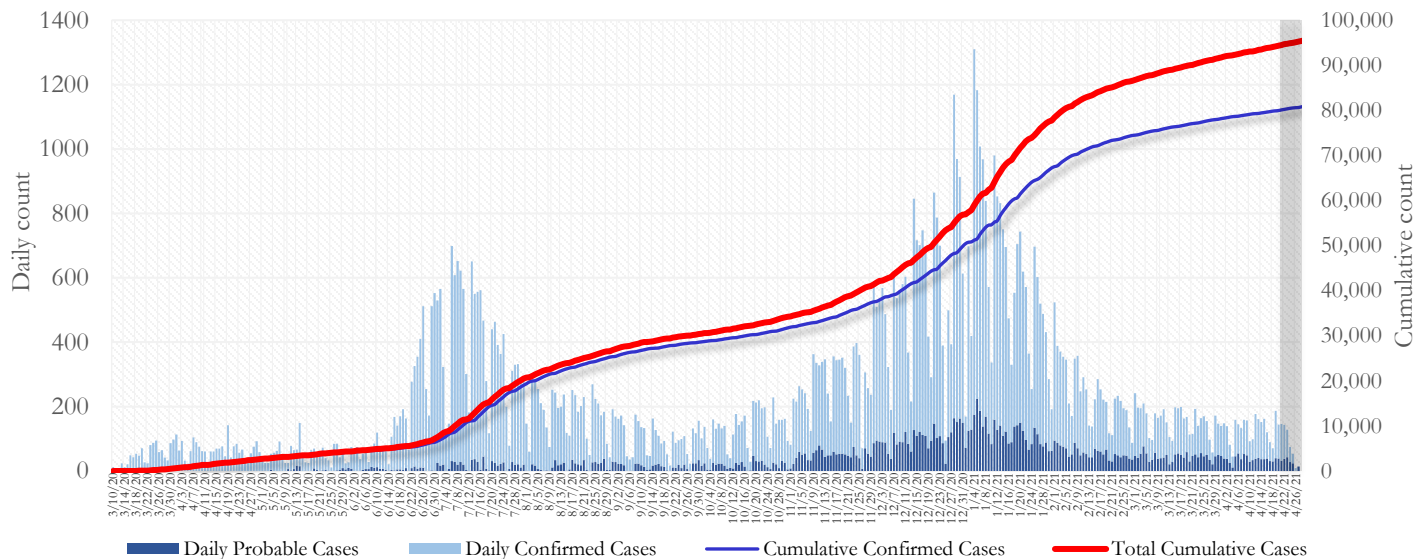
Counts shown reflect the number of cases as of 9:00 am on 4/27/21 using the date of first positive sample collection. Where date of sample collection was not available or missing, the date of report creation in GA SendSS was used instead. The Georgia Department of Health defines a confirmed cases as someone with a positive molecular test, also known as PCR. A probable case is defined as a positive antigen test, though probable cases are still considered positive cases and individuals who tested positive through an antigen test should follow all DPH isolation and quarantine guidance. **Note:** Delays in data reporting may cause changes in data counts, particularly in the shaded portion. Data throughout this report are preliminary and subject to ongoing data cleaning processes, and thus are subject to change.

THE FOLLOWING ANALYSES (PAGES 1-19) ARE USING DATA ON CONFIRMED CASES ONLY.
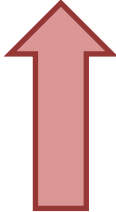
DISTRIBUTION OF COVID-19 CASES BY REGION

New cases: 47% of the new COVID-19 cases in the past 2 weeks occurred in Atlanta while 25% and 26% occurred in the Northern and Southern regions of the county respectively.

Fulton Region	% Cumulative count	% New cases*
Atlanta	42.6%	47.1%
North[1]	34.0%	25.4%
South[2]	19.9%	25.5%
Unincorporated/Unknown	3.5%	2.0%

[1]*Includes all Fulton County cities north of Atlanta (Alpharetta, Johns Creek, Milton, Mountain Park, Roswell, Sandy Springs,)* |[2]*Includes all cities south of Atlanta (Chattahoochee Hills, College Park, East Point, Fairburn, Hapeville, Palmetto, South Fulton, and Union City)* ***New cases**: Cases diagnosed in the past 2 weeks only (between 4/7/21 – 4/20/21).*
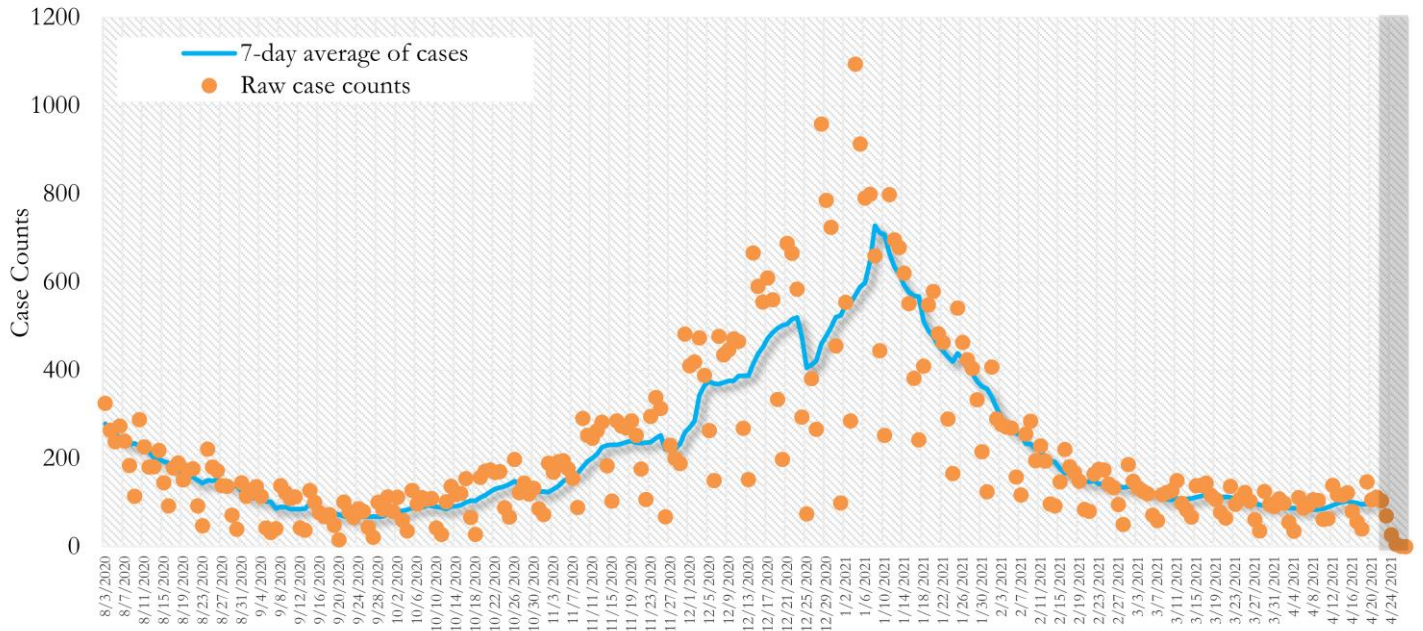
In the recent two week reporting period (4/7-4/20), there were more new cases of COVID-19 in Fulton County than the previous two weeks (3/24-4/6).

*Delayed a week to account for testing results turnaround time.*

TRENDS IN COVID-19 CASES, HOSPITALIZATIONS AND DEATHS (7-DAY MOVING AVE.)

Fig. 2. New COVID-19 Cases in Fulton County Daily (Averaged over 7 days)

*Date of collection of first positive sample used (report creation date used where sample collection date is missing). Graph above reflects the trend in COVID-19 diagnosis. Due to the high volume of testing in recent weeks, there have been delays in reporting lab results. Thus, the trend is subject to change as more lab results get added to the state surveillance database.

Fig. 3. New COVID-19 Cases in Georgia State Daily (Averaged over 7 days)
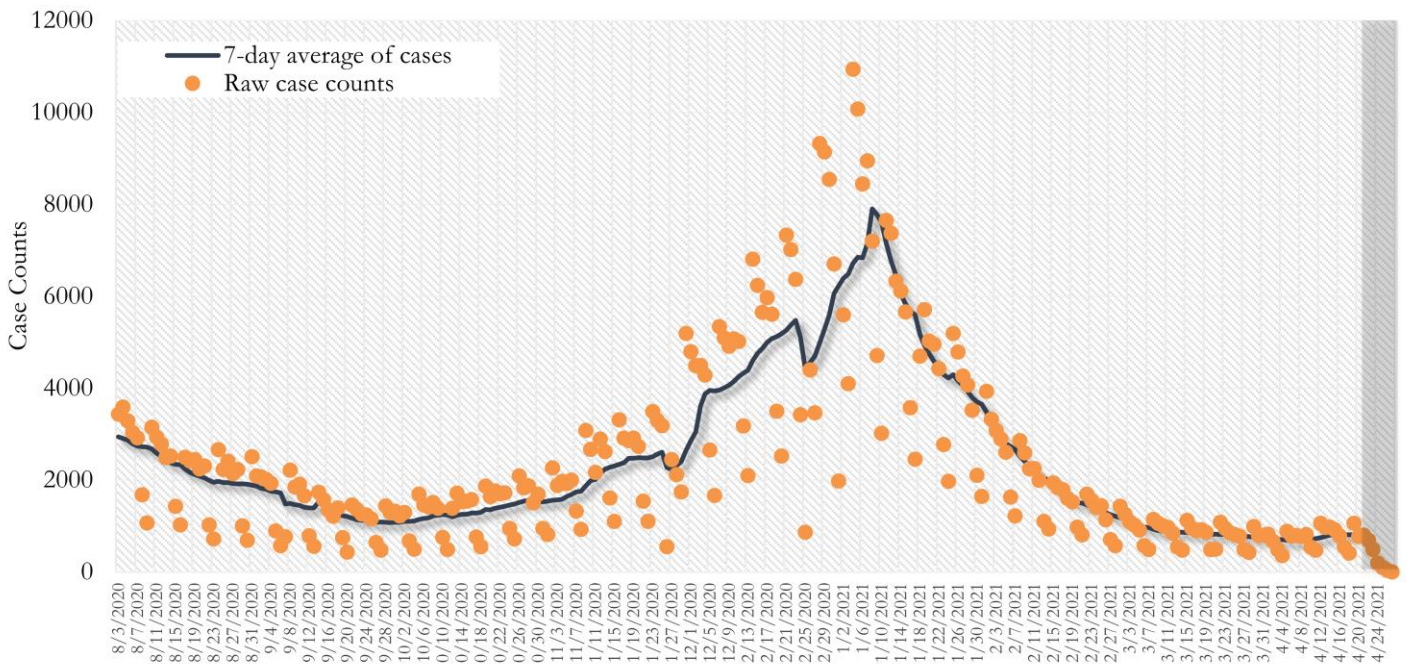
*Date of collection of first positive sample used (report creation date used where sample collection date is missing). Graph above reflects the trend in COVID-19 diagnosis. Due to the high volume of testing in recent weeks, there have been delays in reporting lab results. Thus, the trend is subject to change as more lab results get added to the state surveillance database.
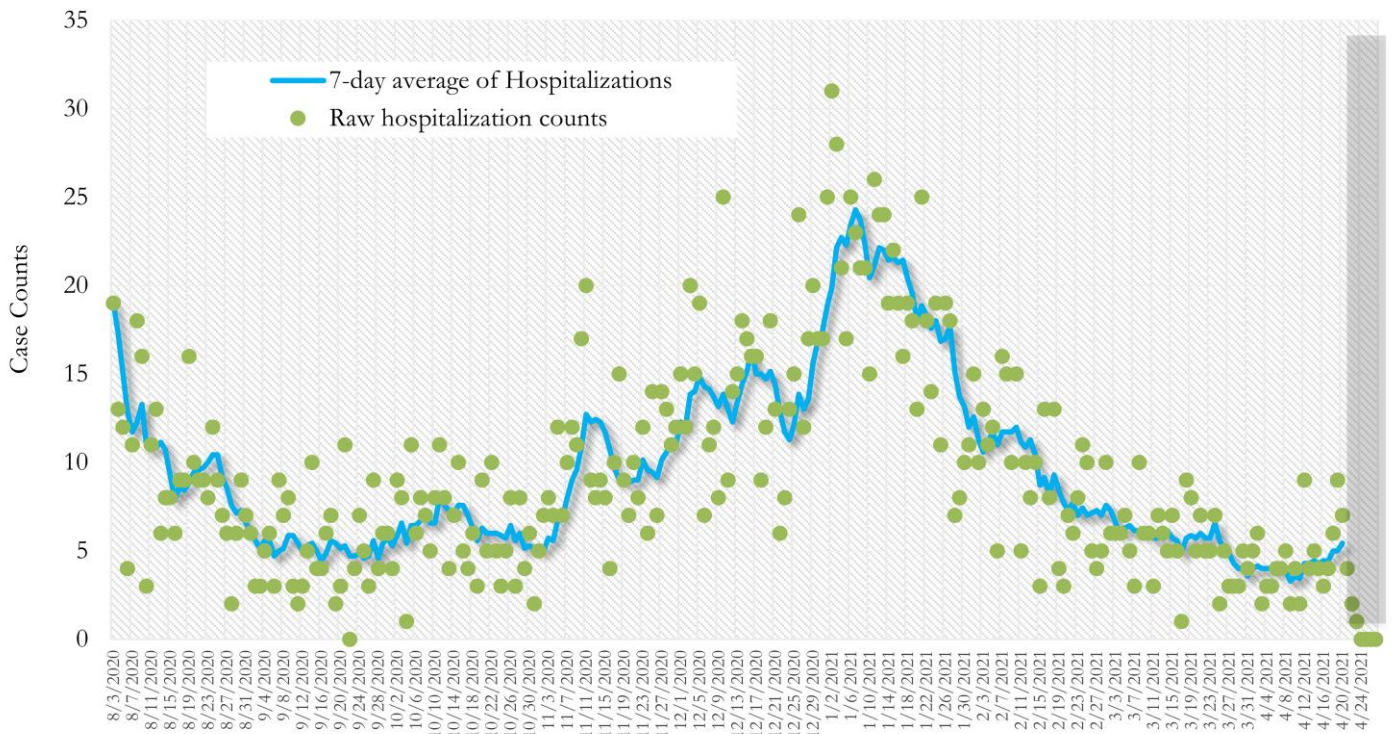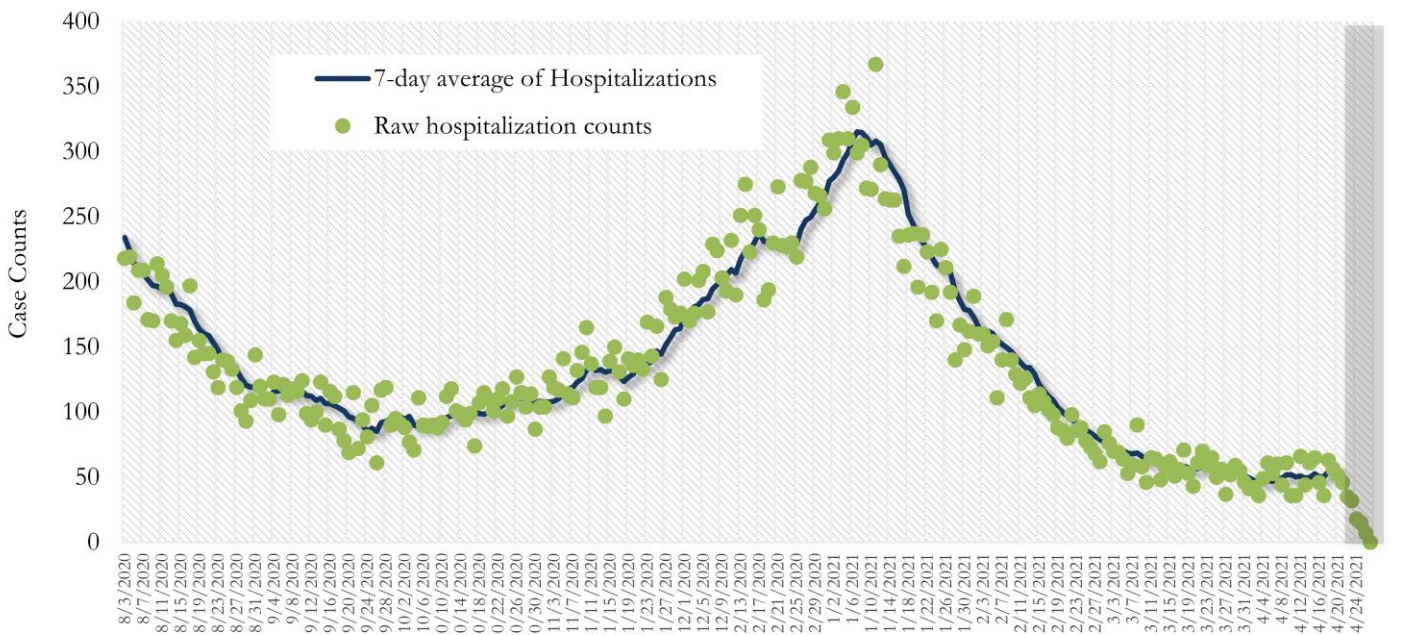
Fig. 4. COVID-19 Hospitalizations in Fulton County Daily (Averaged over 7 days)

Reported date of hospital admission used. Graph above reflects the trend in COVID-19 hospitalizations. Due to the high volume of new cases being added daily, there have been delays in reporting hospitalization data. Thus, the trend is likely to change as more hospitalization data is reported in the state surveillance database.

Fig. 5. COVID-19 Hospitalizations in Georgia State Daily (Averaged over 7 days)

Reported date of hospital admission used. Graph above reflects the trend in COVID-19 hospitalizations. Due to the high volume of new cases being added daily, there have been delays in reporting hospitalization data. Thus, the trend is likely to change as more hospitalization data is reported in the state surveillance database.
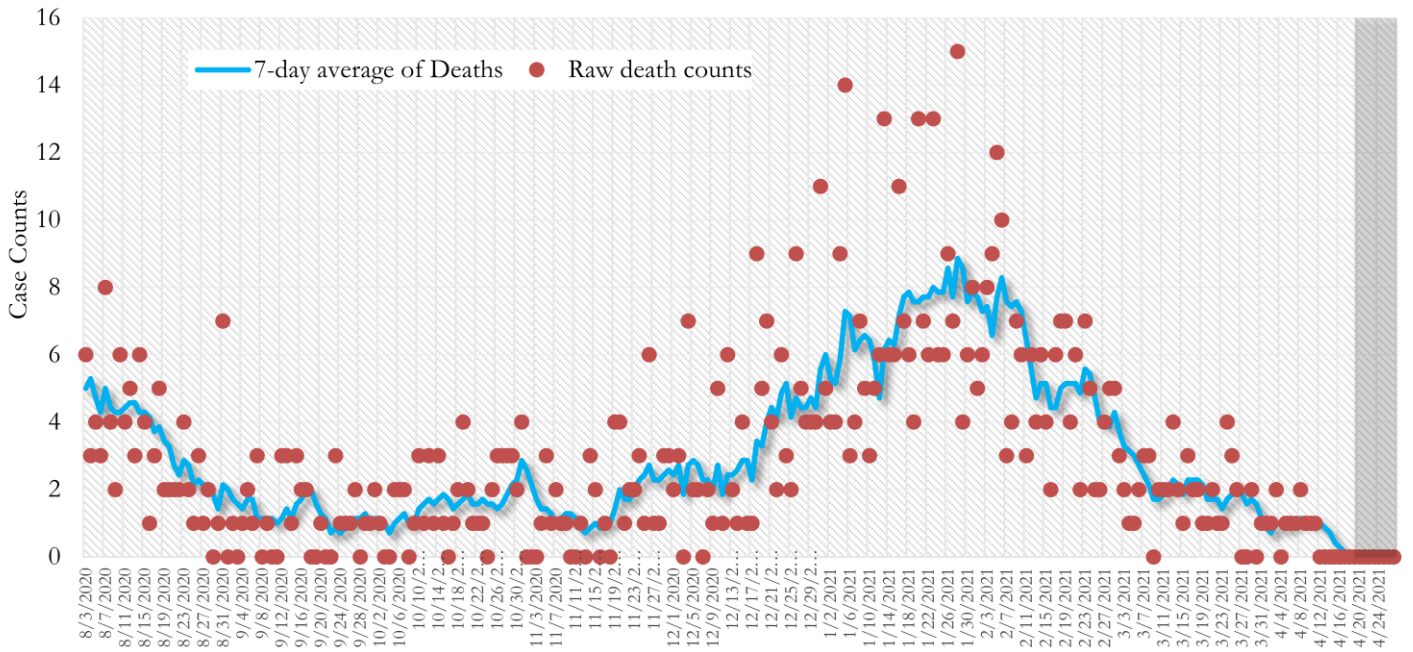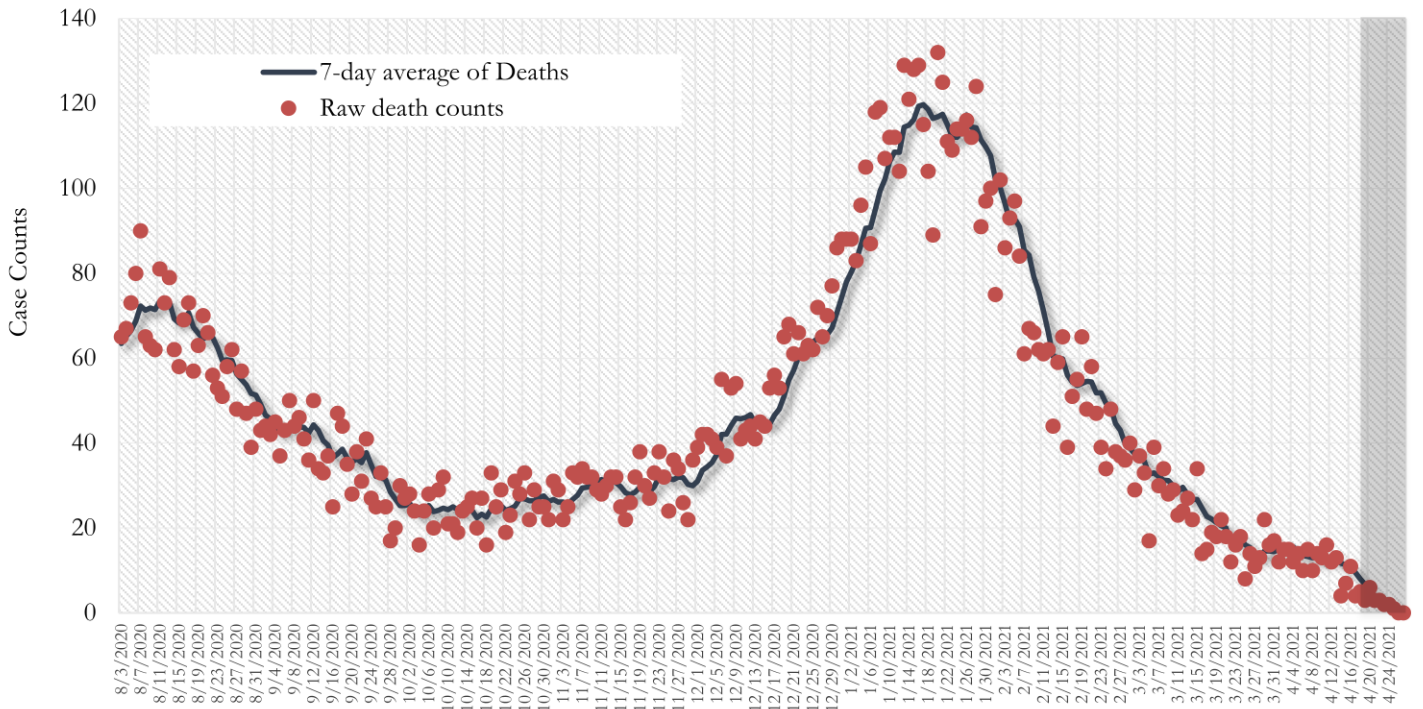
Fig. 6. COVID-19 Deaths in Fulton County Daily (Averaged over 7 days)

Reported date of death used. Graph above reflects the trend in deaths attributed to COVID-19. The trend is likely to change as more data on deaths among persons with COVID-19 is reported in the state surveillance database.

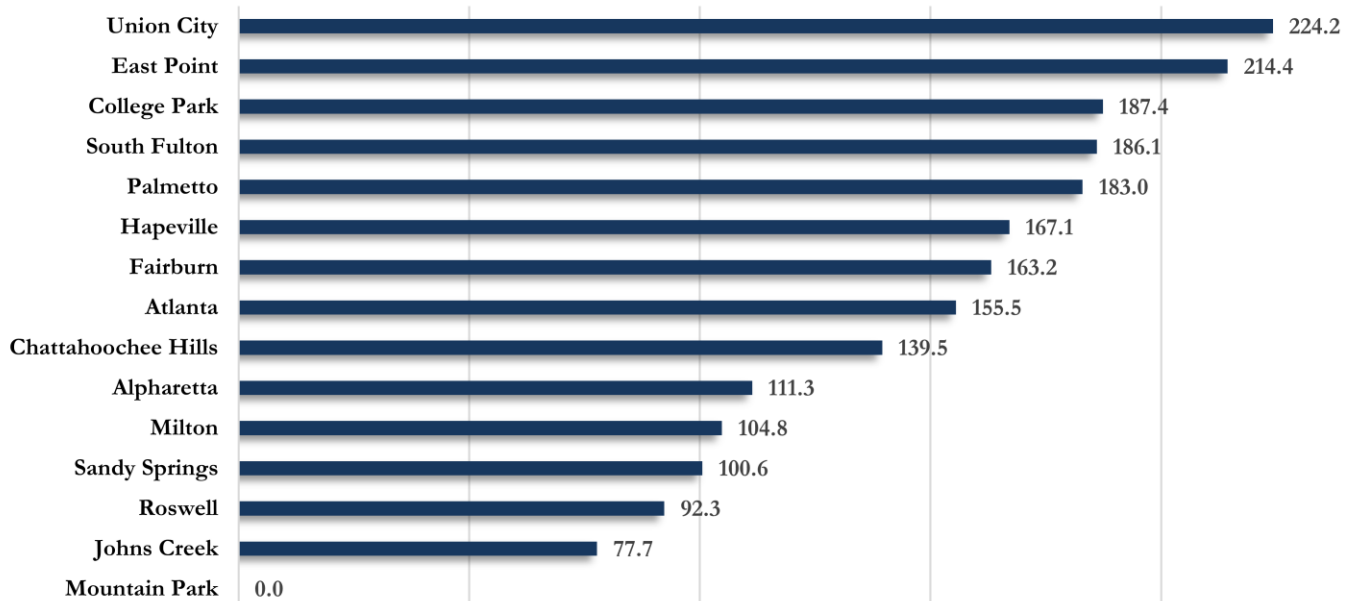## Fig. 7. COVID-19 Deaths in Georgia State Daily (Averaged over 7 days)

Reported date of death used. Graph above reflects the trend in deaths attributed to COVID-19. The trend is likely to change as more data on deaths among persons with COVID-19 is reported in the state surveillance database.

COVID-19 CASE COUNTS AND RATES BY CITY

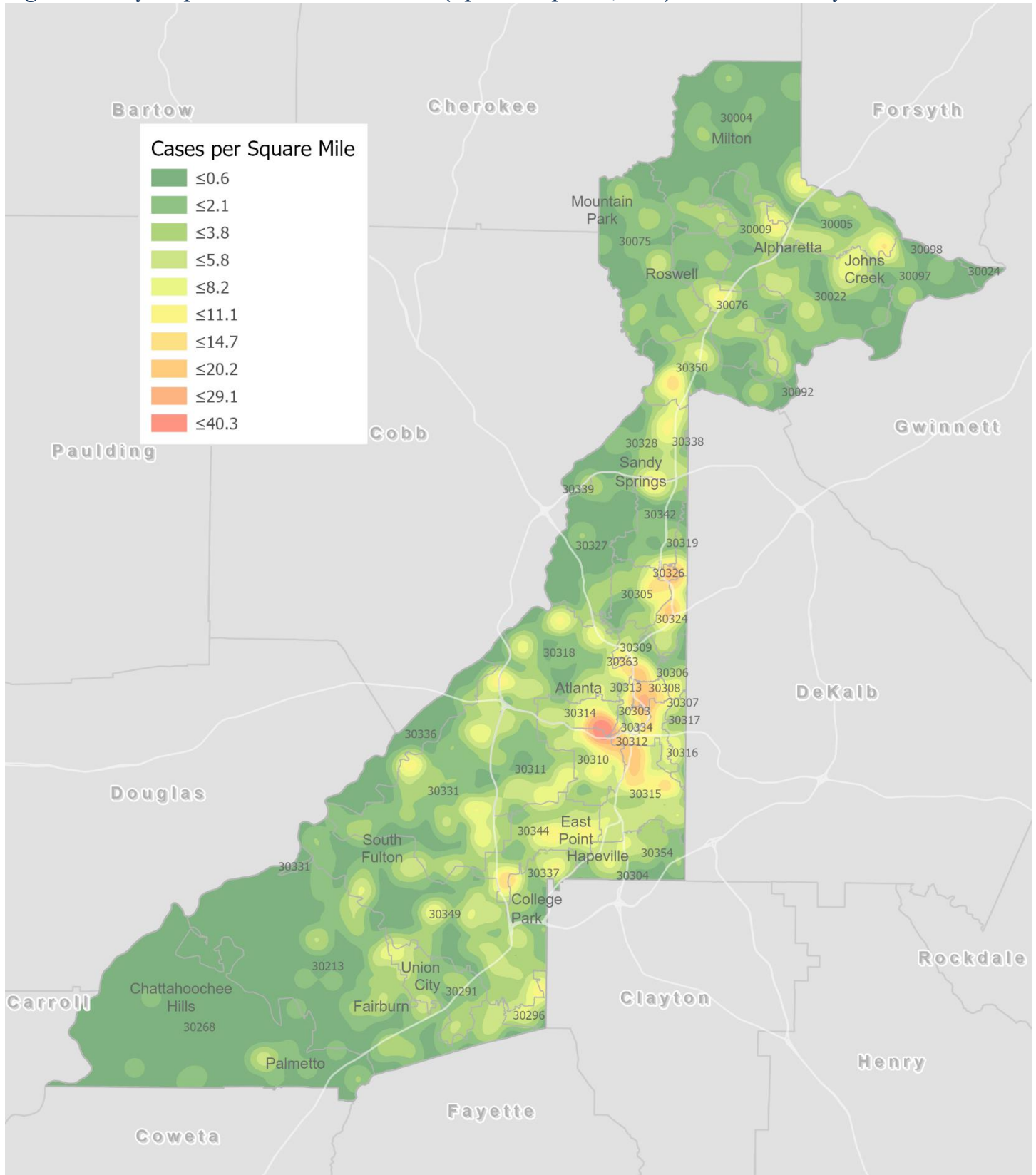|	Recent 14-day reporting period[1]	Preceding 14-day reporting period	% Change from preceding 14 days (%)[2]	Incidence Rate[3]
	4/7-4/20	*3/24-4/6*		
Alpharetta	72	58	↑ 24.1%	111.3
Atlanta	686	557	↑ 23.2%	155.5
Chattahoochee Hills	<10	0	-	139.5
College Park	26	14	↑ 85.7%	187.4
East Point	75	56	↑ 33.9%	214.4
Fairburn	24	19	↑ 26.3%	163.2
Hapeville	11	<10	↑ 175.0%	167.1
Johns Creek	65	68	↓ 4.4%	77.7
Milton	40	29	↑ 37.9%	104.8
Mountain Park	0	<10	-	0.0
Palmetto	<10	<10	-	183.0
Roswell	87	123	↓ 29.3%	92.3
Sandy Springs	106	108	↓ 1.9%	100.6
South Fulton	177	170	↑ 4.1%	186.1
Union City	47	32	↑ 46.9%	224.2
Unknown	27	11	-	-

[1]New cases: Cases diagnosed in most recent 14 days (based on reported dates of positive sample collection). To allow for lag in reporting results of new diagnoses from samples collected in the most recent week, data used for incident diagnoses analyses were moved back by one week. *[2]% change:* These reflect the percentage increase or decrease in new diagnoses between the 14 days preceding the most recent 7 days and the 14 days preceding that. *[3](Incidence) Rate:* Rate of new diagnoses in the last 14 day period preceding the immediate past week. **Data cleaning (either during case interviews or address geo-coding) may lead to reassignment of few cases from one territory to another based on their corrected addresses. These may appear as "decreases" when compared to the previous counts. These do not reflect errors in the data collection or analysis process but only reflect the minor day-to-day fluctuations in case counts that arise in an evolving public health database like COVID's.[4]Incidence rate is skewed high due to small population. <u>**Note:** **All data reported are preliminary and subject to change**</u>.*

Fig. 8. Incidence Rates by Fulton City for Recent 14-day Reporting Period

City	Incidence Rate
Union City	224.2
East Point	214.4
College Park	187.4
South Fulton	186.1
Palmetto	183.0
Hapeville	167.1
Fairburn	163.2
Atlanta	155.5
Chattahoochee Hills	139.5
Alpharetta	111.3
Milton	104.8
Sandy Springs	100.6
Roswell	92.3
Johns Creek	77.7
Mountain Park	0.0

*Rates shown are per 100,000 persons | All data shown are preliminary and are subject to change as testing results get updated.

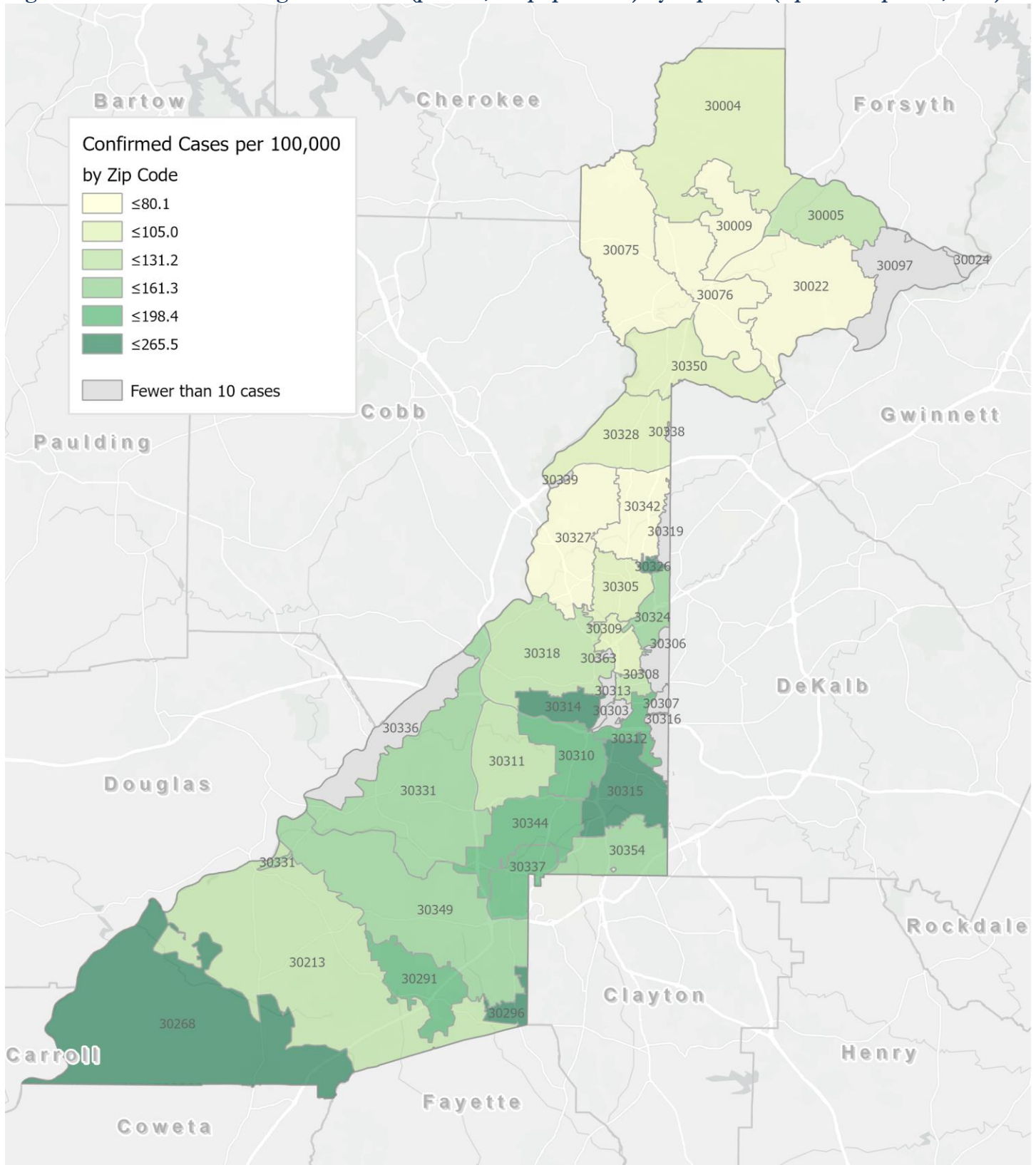**Fig. 9. Density Map – New COVID-19 Cases (April 7 – April 20, 2021) in Fulton County**

Fig. 10. New COVID-19 Diagnoses Rates (per 100,000 population) by Zip Code (April 7 – April 20, 2021)

Rates shown are per 100,000 populations.

New COVID-19 cases: *Cases diagnosed in most recent 14 days (based on reported dates of positive sample collection). To allow for lag in reporting results of positive cases from samples collected in the immediate past7 days, data used for incident diagnoses analyses are moved back by one week. Data used excludes outbreak-related cases at long-term care facilities and map shown reflects only the new non-LTCF cases diagnosed between the dates shown in map title. See page 12 for zip code break down table.*

COVID-19 NEW CASE[1] COUNTS BY ZIP CODE

Zip Code	Recent 14-day reporting period (4/7– 4/20)	Previous 14-day reporting period (3/24– 4/6)	% Change between reporting periods[2]
All Fulton	**1457**	**1261**	↑ **15.5%**
30004	47	34	↑ 38.2%
30005	57	22	↑ 159.1%
30009	15	22	↓ 31.8%
30022	63	72	↓ 12.5%
30023	0	0	-
30024	0	<10	↓ 100.0%
30075	41	57	↓ 28.1%
30076	40	57	↓ 29.8%
30080	0	0	-
30097	<10	15	↓ 40.0%
30098	0	0	-
30135	0	0	-
30138	0	0	-
30139	0	0	-
30213	56	61	↓ 8.2%
30268	17	<10	↑ 88.9%
30291	40	32	↑ 25.0%
30296	13	<10	↑ 62.5%
30301	0	0	-
30303	<10	<10	-
30305	34	41	↓ 17.1%
30306	10	<10	↑ 11.1%
30307	<10	<10	-
30308	31	18	↑ 72.2%
30309	30	35	↓ 14.3%
30310	56	26	↑ 115.4%
30311	51	44	↑ 15.9%
30312	42	29	↑ 44.8%
30313	<10	<10	-
30314	68	40	↑ 70.0%
30315	88	55	↑ 60.0%
30316	15	<10	↑ 150.0%
30318	71	81	↓ 12.3%
30319	<10	10	↓ 10.0%
30321	0	0	-
30324	39	34	↑ 14.7%
30326	12	<10	↑ 100.0%
30327	14	17	↓ 17.6%
30328	39	47	↓ 17.0%
30331	110	95	↑ 15.8%
30334	0	<10	↓ 100.0%
30336	<10	<10	-
30337	26	12	↑ 116.7%

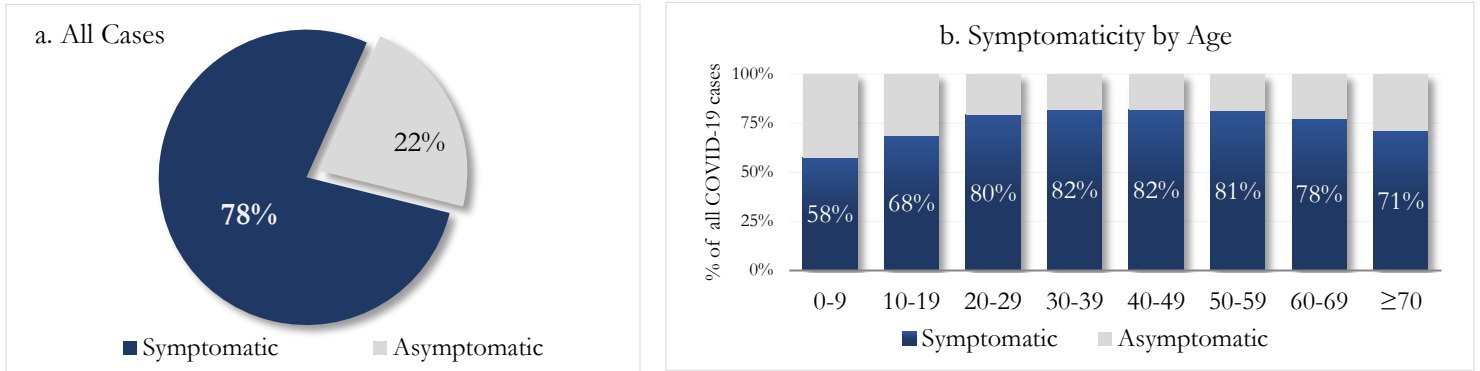| Zip Code	Recent 14-day reporting period (4/7– 4/20)	Previous 14-day reporting period (3/24– 4/6)	% Change between reporting periods
30338	0	<10	↓ 100.0%
30339	<10	<10	-
30340	0	0	-
30341	0	0	-
30342	32	48	↓ 33.3%
30344	69	50	↑ 38.0%
30345	0	0	-
30349	100	83	↑ 20.5%
30350	43	33	↑ 30.3%
30354	29	15	↑ 93.3%
30358	0	0	-
30363	<10	<10	-
30374	0	0	-
30606	0	0	-
31131	0	0	-
31150	0	0	-
Unknown	<10	<10	-

[1]***New cases:*** *Cases diagnosed in most recent 28 days (based on reported dates of positive sample collection). To allow for lag in reporting results of new diagnoses from samples collected in the most recent week, data used for incident diagnoses analyses were moved back by one week.* [2]***Percent change:*** *These reflect the percentage increase or decrease of new diagnoses between the 14 days preceding the past 7 days and the 14 days preceding that. Changes in ZIP codes with less than 10 cases in* <u>both</u> *2 week intervals are not reported.*

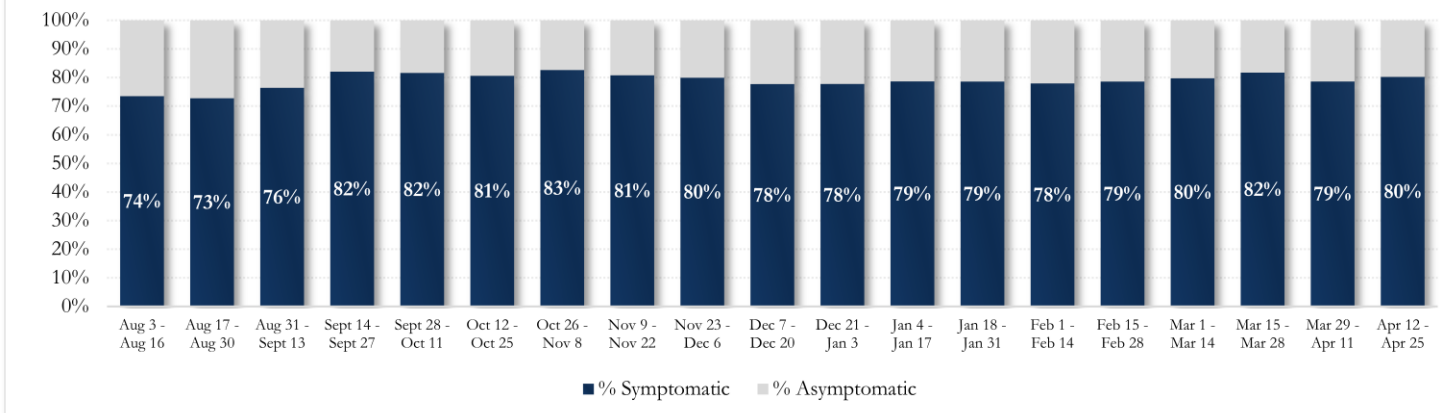## REPORTING SYMPTOMS AMONG PERSONS WITH COVID-19 IN FULTON

People with COVID-19 have reported a wide range of symptoms ranging from mild symptoms to severe illness. Symptoms may appear 2-14 days after exposure to the virus. Symptoms reported include: cough, shortness of breath/difficulty breathing, fever, chills, muscle pain, headache, sore throat, congestion, nausea or vomiting, diarrhea, fatigue, or new loss of taste or smell – Centers for Disease Control and Prevention (CDC) – Centers for Disease Control and Prevention (CDC) https://www.cdc.gov/coronavirus/2019-ncov/symptoms-testing/symptoms.html

Fig. 11a & b. Total Proportion Reporting Symptoms in Fulton

a. All Cases

- 78% Symptomatic
- 22% Asymptomatic

b. Symptomaticity by Age

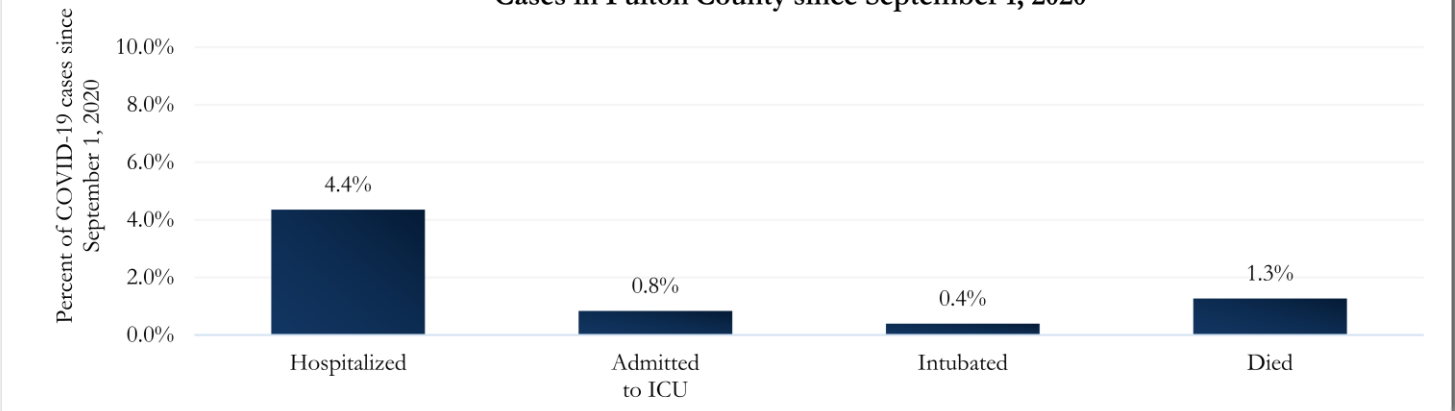| Age	Symptomatic
0-9	58%
10-19	68%
20-29	80%
30-39	82%
40-49	82%
50-59	81%
60-69	78%
≥70	71%

****COVID-19 cases who have been case interviewed or had medical charts reviewed as of 4/27/21 only. n = 50,770***

Fig 12. Total Proportion Reporting Symptoms in Fulton County Over Time

Period	% Symptomatic
Aug 3 - Aug 16	74%
Aug 17 - Aug 30	73%
Aug 31 - Sept 13	76%
Sept 14 - Sept 27	82%
Sept 28 - Oct 11	82%
Oct 12 - Oct 25	81%
Oct 26 - Nov 8	83%
Nov 9 - Nov 22	81%
Nov 23 - Dec 6	80%
Dec 7 - Dec 20	78%
Dec 21 - Jan 3	78%
Jan 4 - Jan 17	79%
Jan 18 - Jan 31	79%
Feb 1 - Feb 14	78%
Feb 15 - Feb 28	79%
Mar 1 - Mar 14	80%
Mar 15 - Mar 28	82%
Mar 29 - Apr 11	79%
Apr 12 - Apr 25	80%

COVID-19 HOSPITALIZATIONS, ICU ADMISSIONS AND DEATHS IN FULTON

Fig. 13. Hospitalizations, ICU Admissions, Intubations, and Deaths among COVID-19 Cases in Fulton County since September 1, 2020

Category	Percent of COVID-19 cases since September 1, 2020
Hospitalized	4.4%
Admitted to ICU	0.8%
Intubated	0.4%
Died	1.3%

## DEMOGRAPHIC DISTRIBUTIONS – COVID-19 CASES AND DEATHS

Table A - Cumulative and recent confirmed COVID-19 case and death counts by gender, age, and race/ethnicity in Fulton County, Georgia. Past 28 day period refers to March 24 – April 20, 2021

	Total Confirmed Cases	% of Total Cases	Confirmed Cases past 28 days	% of Confirmed Cases past 28 days	Total Confirmed Deaths	% of Total Deaths	Confirmed Deaths past 28 days	% of Confirmed Deaths past 28 days
TOTAL	**81278**		**2621**		**1260**		**24**	
Female	42800	52.7%	1414	53.9%	593	47.1%	10	41.7%
Male	38025	46.8%	1191	45.4%	666	52.9%	14	58.3%
Unknown*	453	<1%	16	<1%	<10	<1%	0	-
0-9	2949	3.6%	149	5.7%	0	-	0	-
10-19	8346	10.3%	375	14.3%	<10	<1%	0	-
20-29	18347	22.6%	563	21.5%	<10	<1%	0	-
30-39	15595	19.2%	545	20.8%	22	1.7%	0	-
40-49	12407	15.3%	374	14.3%	38	3.0%	0	-
50-59	11101	13.7%	356	13.6%	108	8.6%	<10	12.5%
60-69	6504	8.0%	155	5.9%	232	18.4%	<10	25.0%
>70	5922	7.3%	104	4.0%	854	67.8%	15	62.5%
Unknown*	107	<1%	0	-	0	-	0	-
Asian, NH	2862	3.5%	97	3.7%	20	1.6%	<10	8.3%
Black, NH	32486	40.0%	1349	51.5%	776	61.6%	18	75.0%
White, NH	26044	32.0%	500	19.1%	402	31.9%	<10	16.7%
Hispanic, all races	8161	10.0%	215	8.2%	52	4.1%	0	-
Other, NH	3869	4.8%	107	4.1%	<10	<1%	0	-
Unknown*	7856	9.7%	353	13.5%	<10	<1%	0	-

*Unknown includes cases not yet interviewed. 28 days delayed by seven to account for lag in reporting lab results. Deaths refer to all persons who had a positive PCR test result for Covid-19 and there is evidence that COVID-19 was the cause of death or a significant contributor to their death.

## COVID-19 CASE TRENDS IN FULTON AND SURROUNDING DISTRICTS

Fig. 14. Daily Case Counts for Atlanta Metro Districts (Averaged over 7 days)
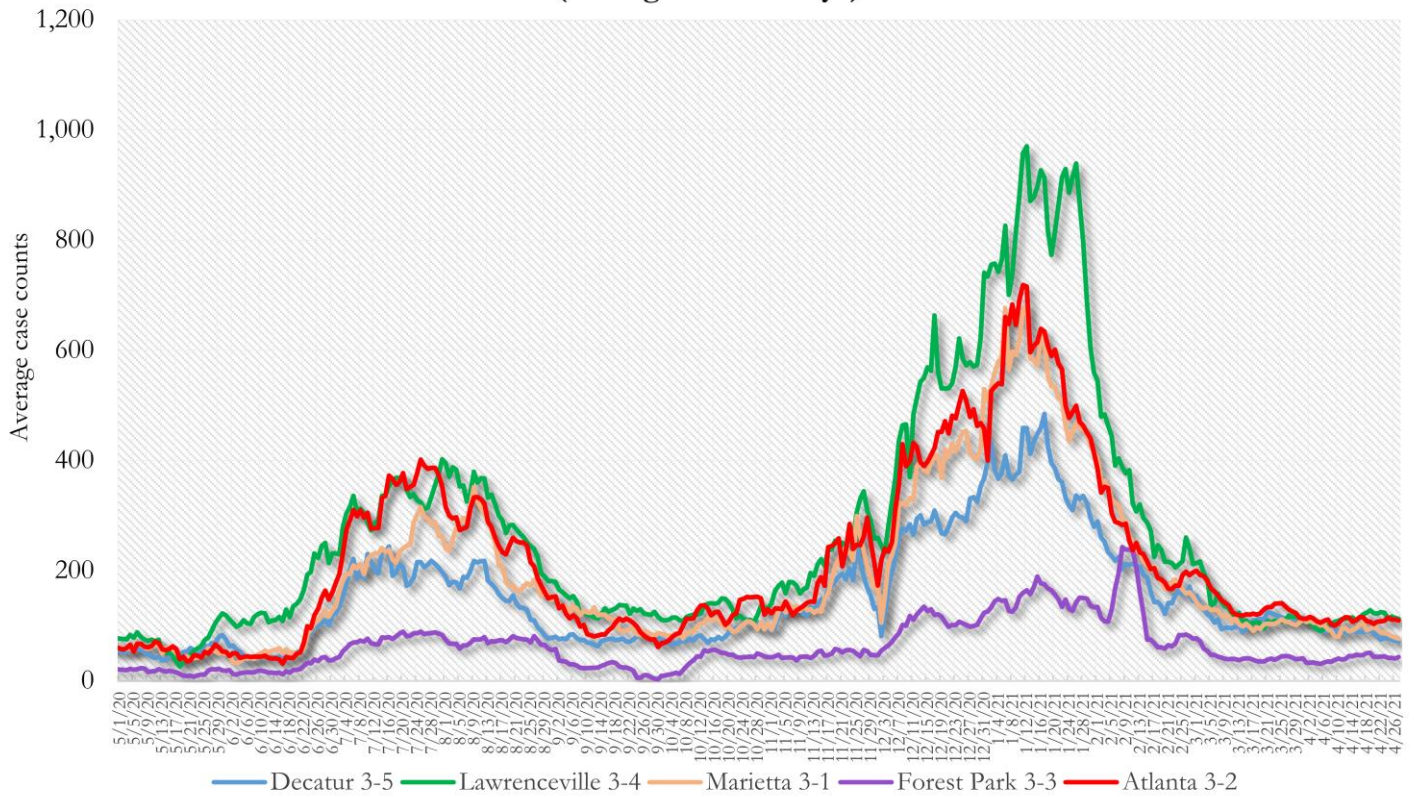
*Graph shows the average number of cases calculated from the daily cumulative case counts in the metro Atlanta districts. Increases in daily cumulative case counts may include cases diagnosed earlier during the pandemic but were only recently reported to the state as cases diagnosed belonging to these districts.

Fig. 15. COVID-19 Cases in Fulton County and Surrounding Districts (April 7 – April 20, 2021)
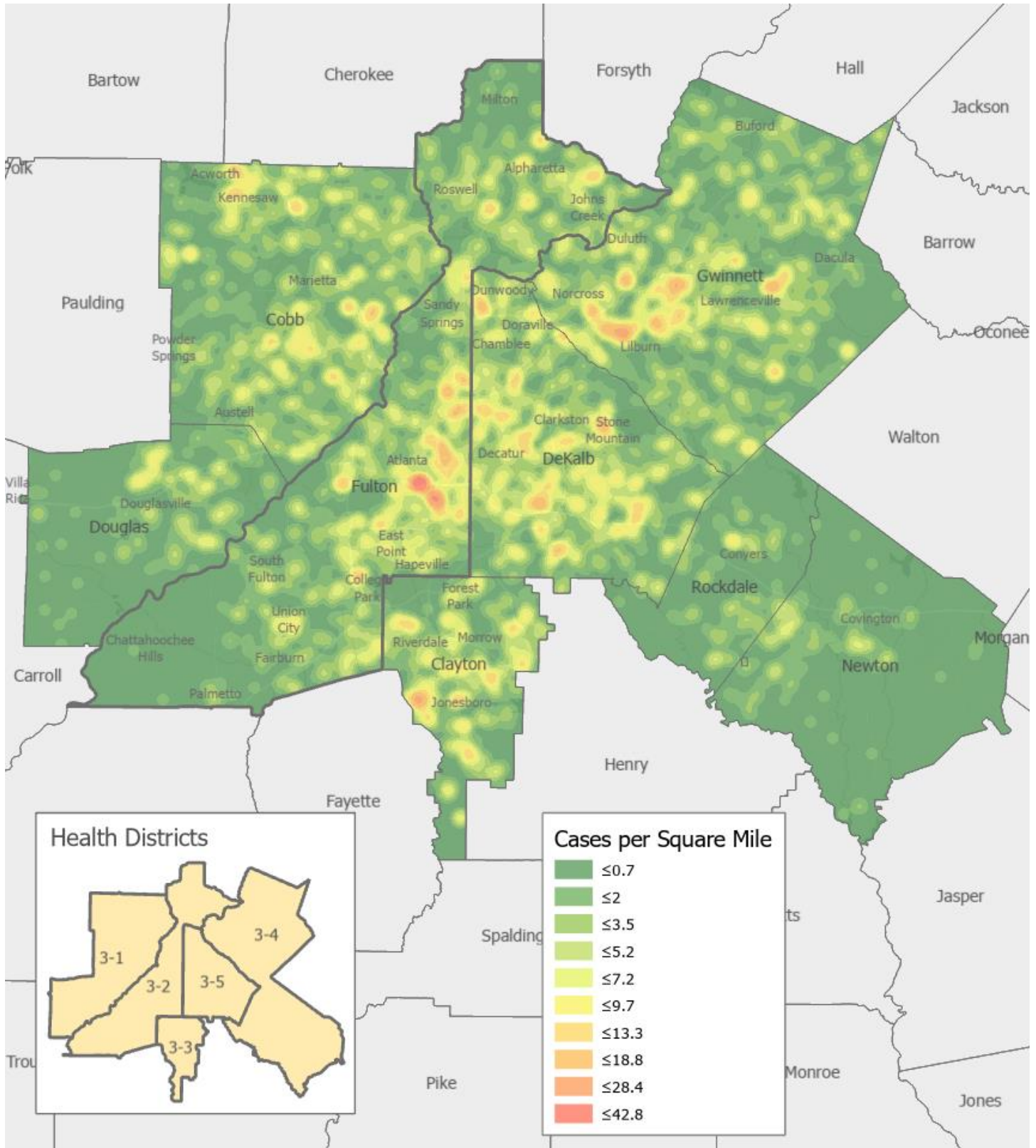
The following data are updated every two weeks.

Last updated 4/27/2021

Data are from confirmed cases and PCR testing only.

These data are generated using a fixed start date and counted forward in 14-day intervals. Using these time blocks allows for the stability in trends over time and accounts for delays in reporting lab results.

In the interest of keeping the reports concise and useful, the cumulative counts updated on a monthly basis can now be viewed between updates at the Fulton County Board of Health website here.

Please visit the Georgia Department of Public Health Daily Status Report here for cumulative daily counts.

COVID-19 TESTING AND POSITIVITY IN FULTON COUNTY AND GEORGIA

Fig. 16. Trends in Positive COVID-19 Tests in Fulton County by 14-day Periods
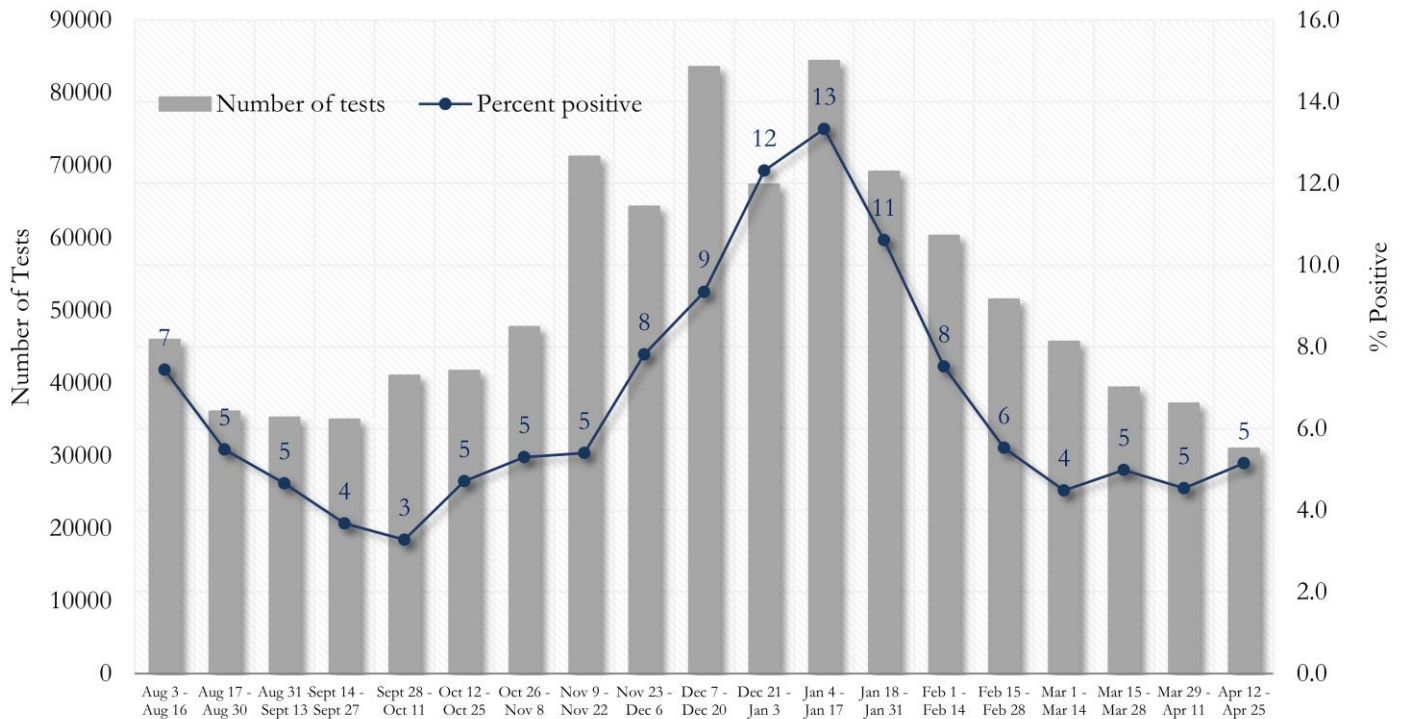
Data on Polymerase Chain Reaction (PCR) tests only included.

Fig. 17. Trends in Positive COVID-19 Tests in Georgia by 14-day Periods
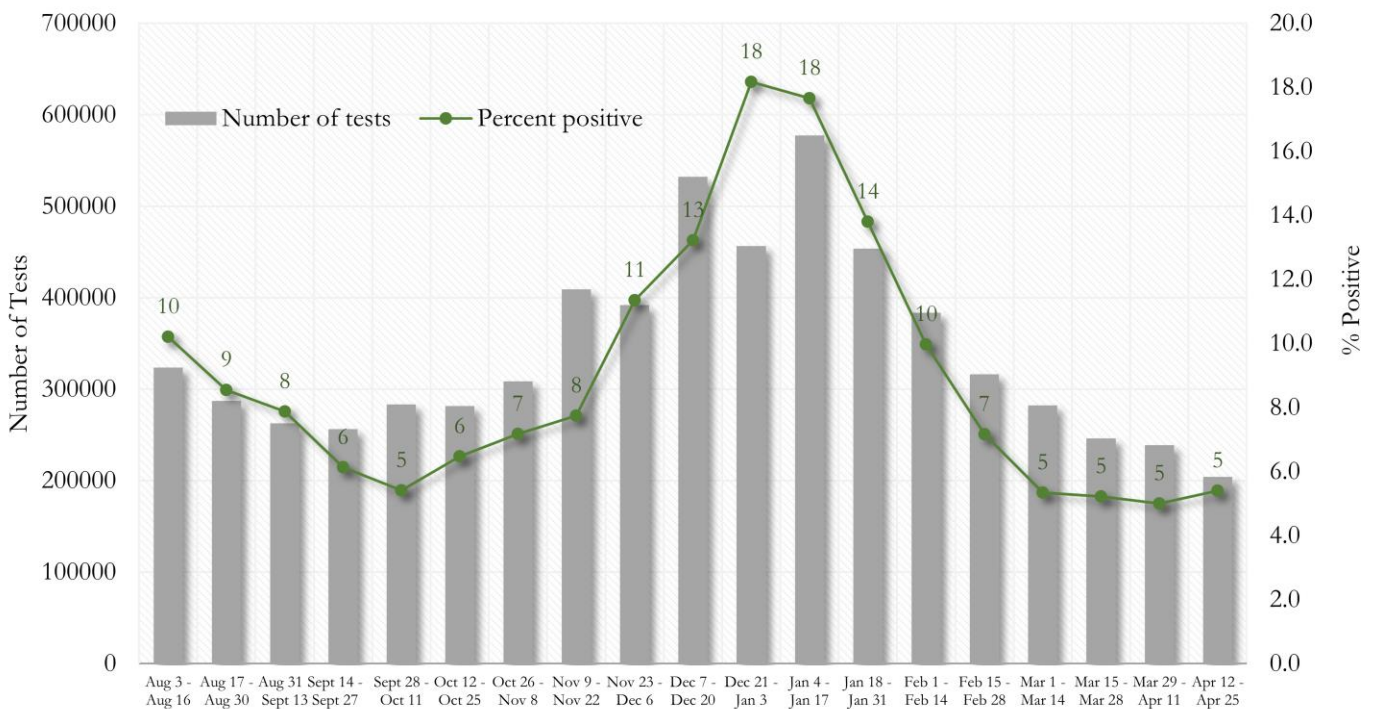
Data on Polymerase Chain Reaction (PCR) tests only included.

TRENDS IN COVID-19 CASES AMONG DEMOGRAPHIC GROUPS (14 DAY PERIODS)

Fig. 18. Trends in Geographic distribution of COVID-19 Cases in Fulton County by 14-day periods
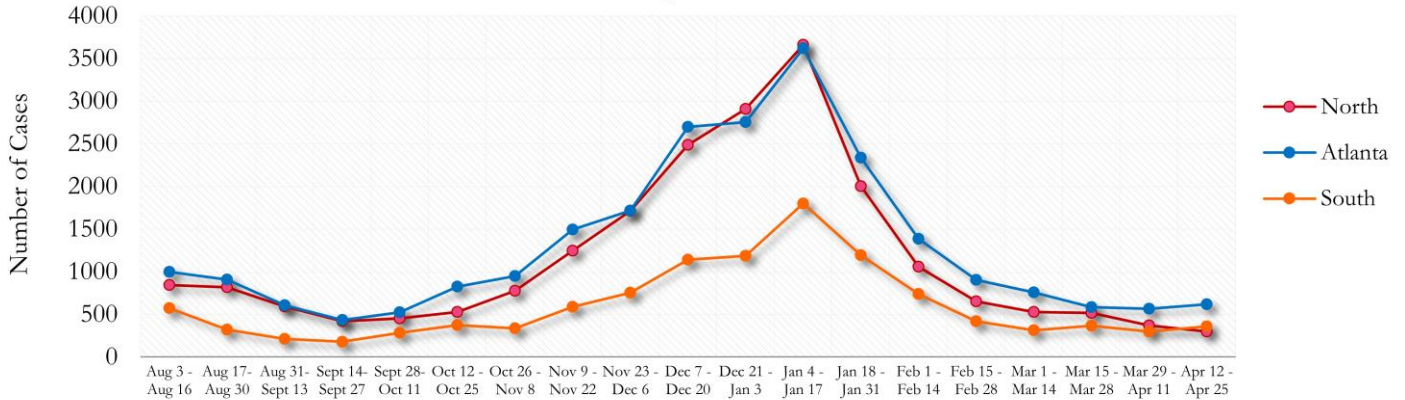
In the past two weeks, Atlanta accounted for the majority of new cases.
*North -Includes all Fulton cities north of Atlanta (Alpharetta, Johns Creek, Milton, Mountain Park, Roswell, Sandy Springs)
*South - Includes all Fulton cities south of Atlanta (Chattahoochee Hills, College Park, East Point, Fairburn, Hapeville, Palmetto, South Fulton, and Union City)

Fig. 19. Trends in Racial Distribution of COVID-19 Cases in Fulton County by 14-day periods
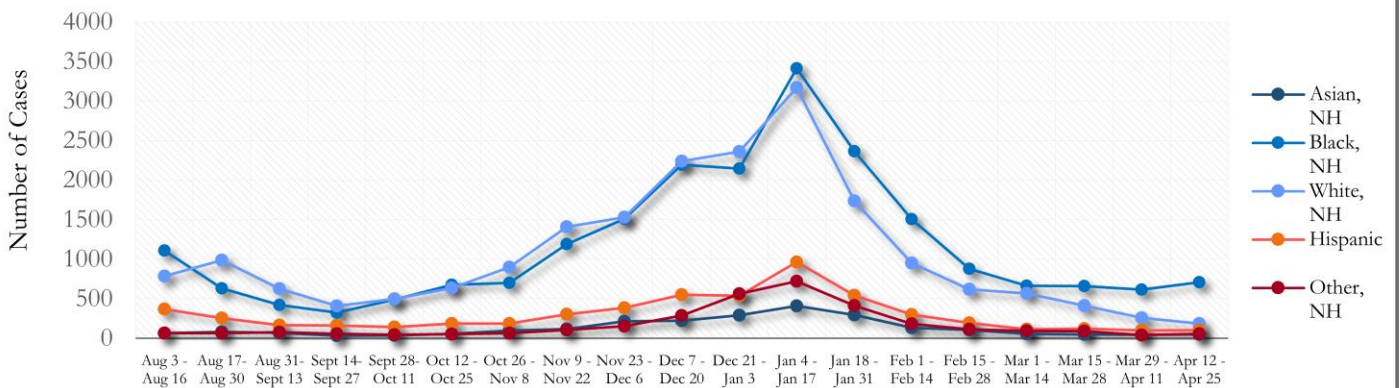
Fig. 20. Racial Distribution of COVID-19 Cases in Fulton County by 14-day periods
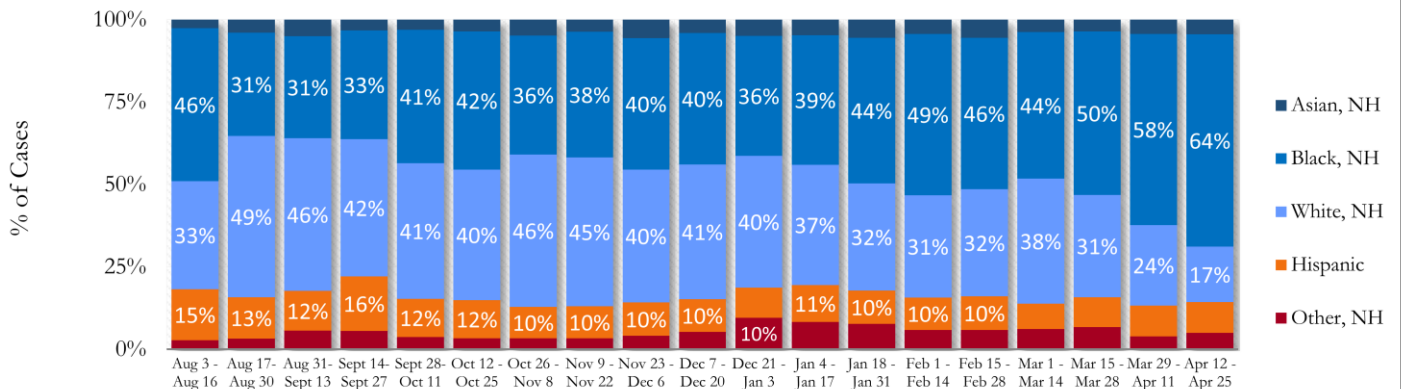
About 9% of all Fulton County COVID cases are missing data on patient race and ethnicity and in the past two weeks, about 16% of cases are missing this data.

Fig. 21. Trends in Gender Distribution of COVID-19 Cases in Fulton County by 14-day periods
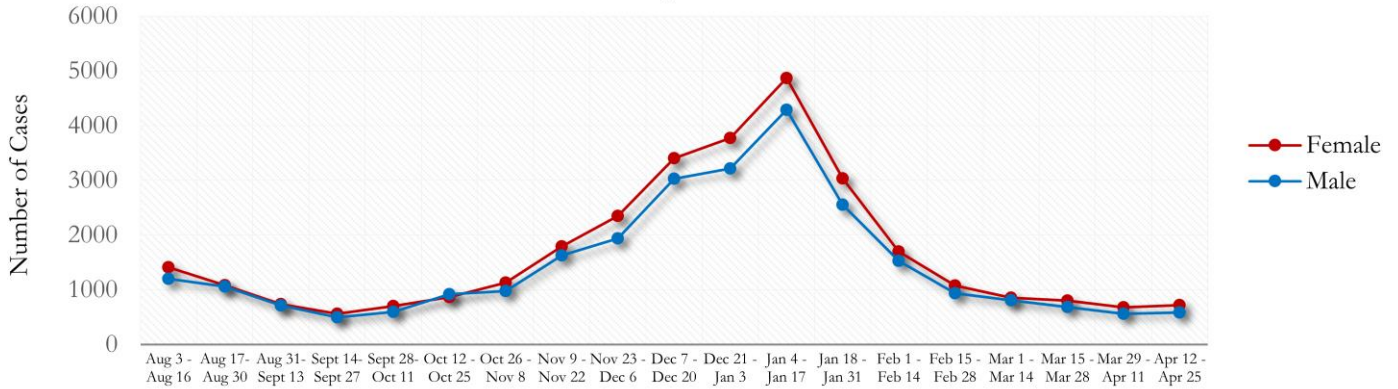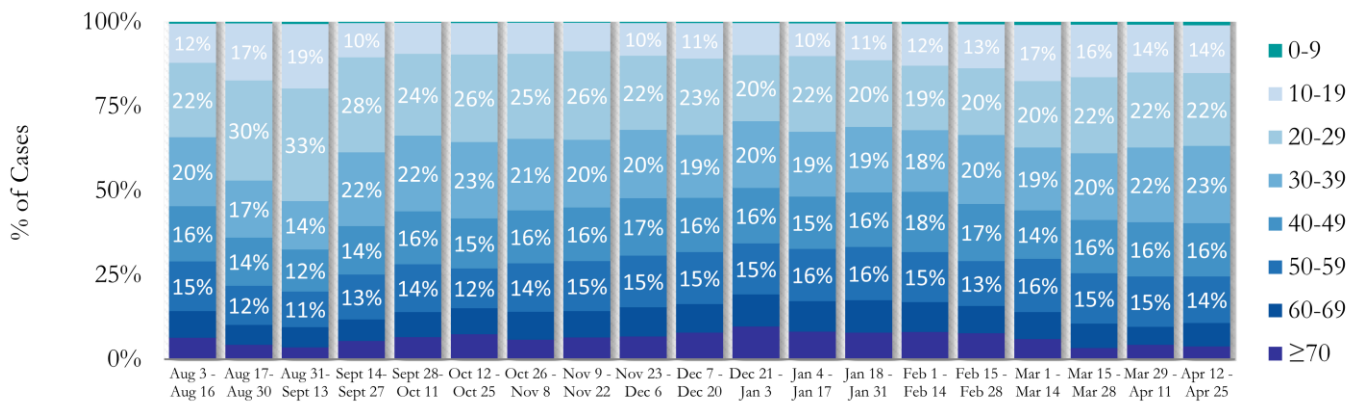

Fig. 22. Trends in Age Distribution of COVID-19 Cases in Fulton County by 14-day periods
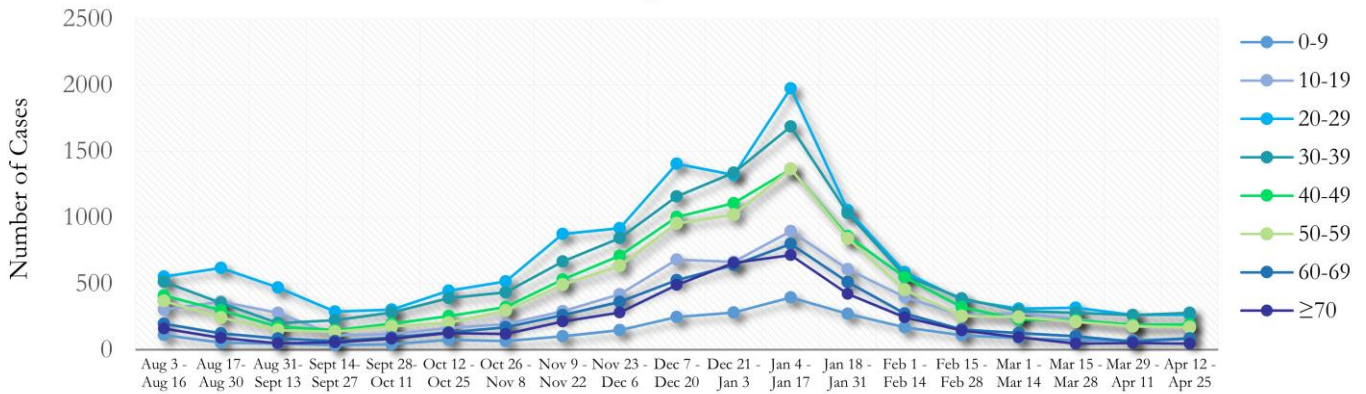
In the most recent two weeks, 20-29 year olds and 30-39 year olds accounted for the majority of new cases.

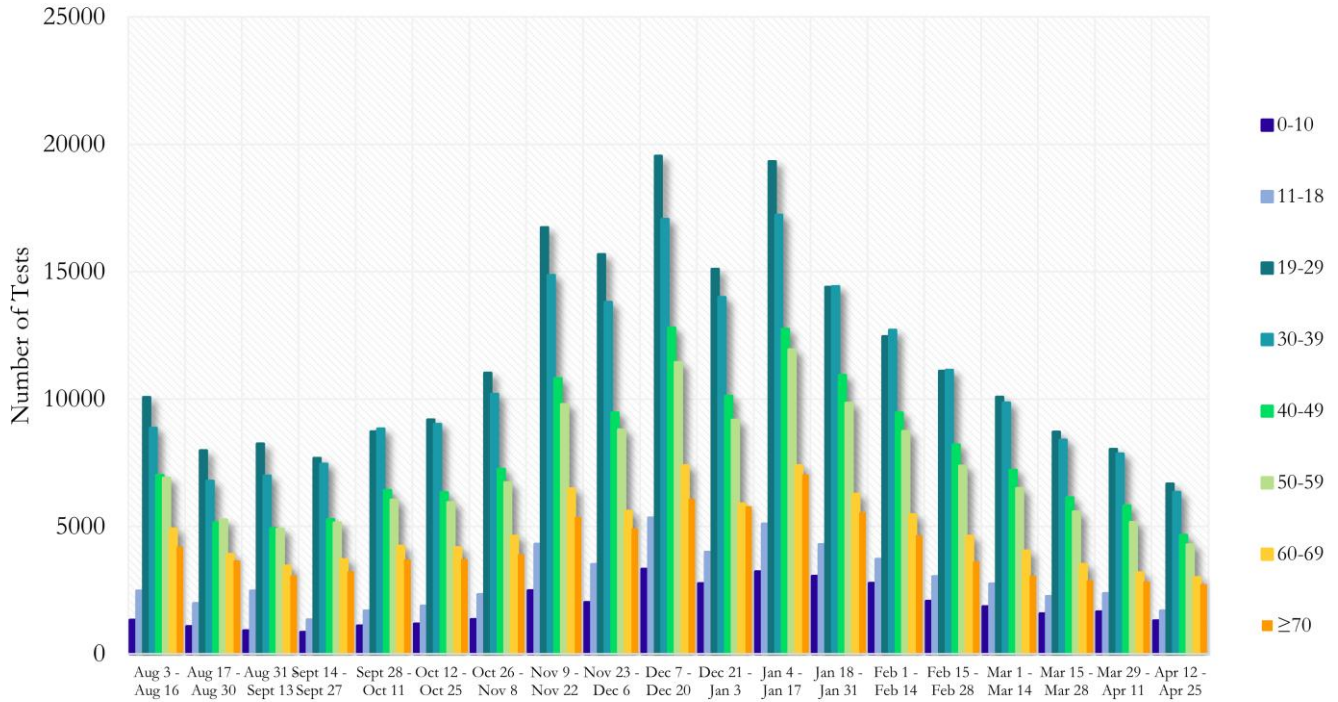**Fig. 23. Age Distribution of COVID-19 Cases in Fulton County by 14-day periods**
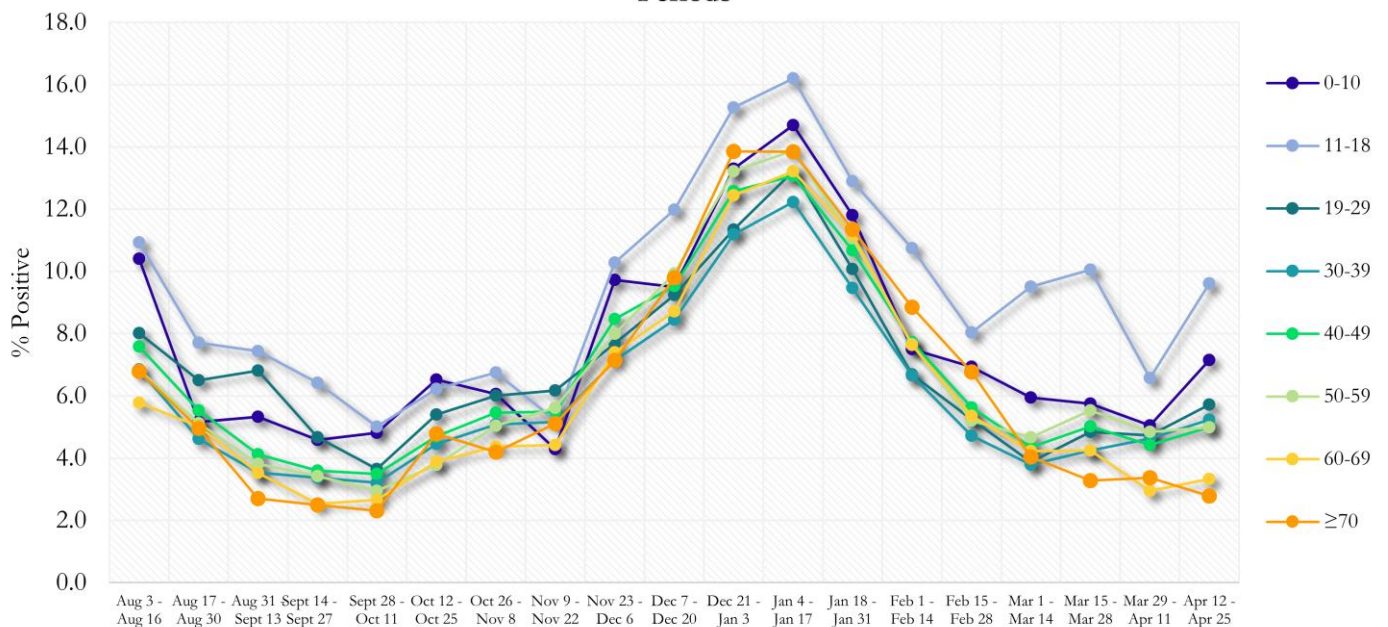

Value labels under 10% are not shown.

COVID-19 TESTING AND POSITIVITY IN FULTON COUNTY BY AGE AND RACE

Fig. 24. COVID-19 Tests by Age in Fulton County by 14-day Periods

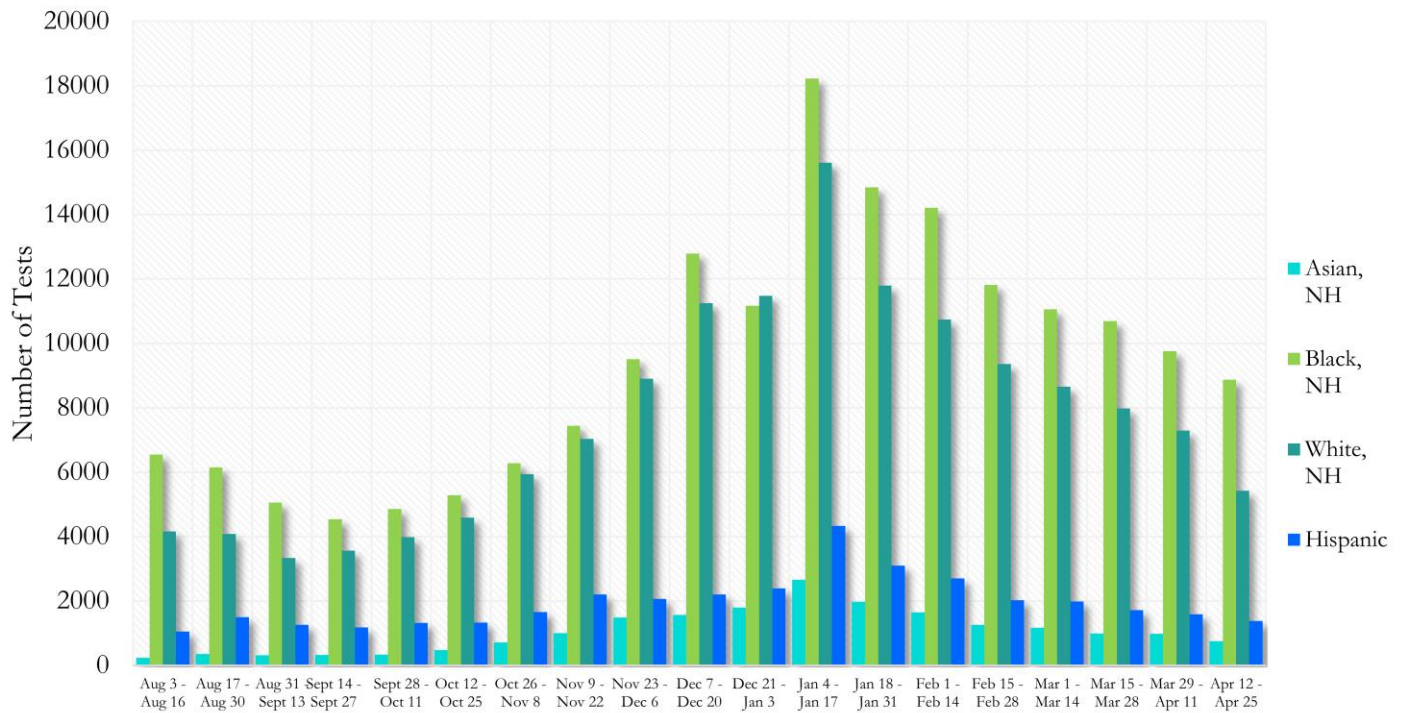*Data on Polymerase Chain Reaction (PCR) tests only included.*

Fig. 25. Percent Positive COVID-19 Tests by Age Group in Fulton County by 14-day Periods

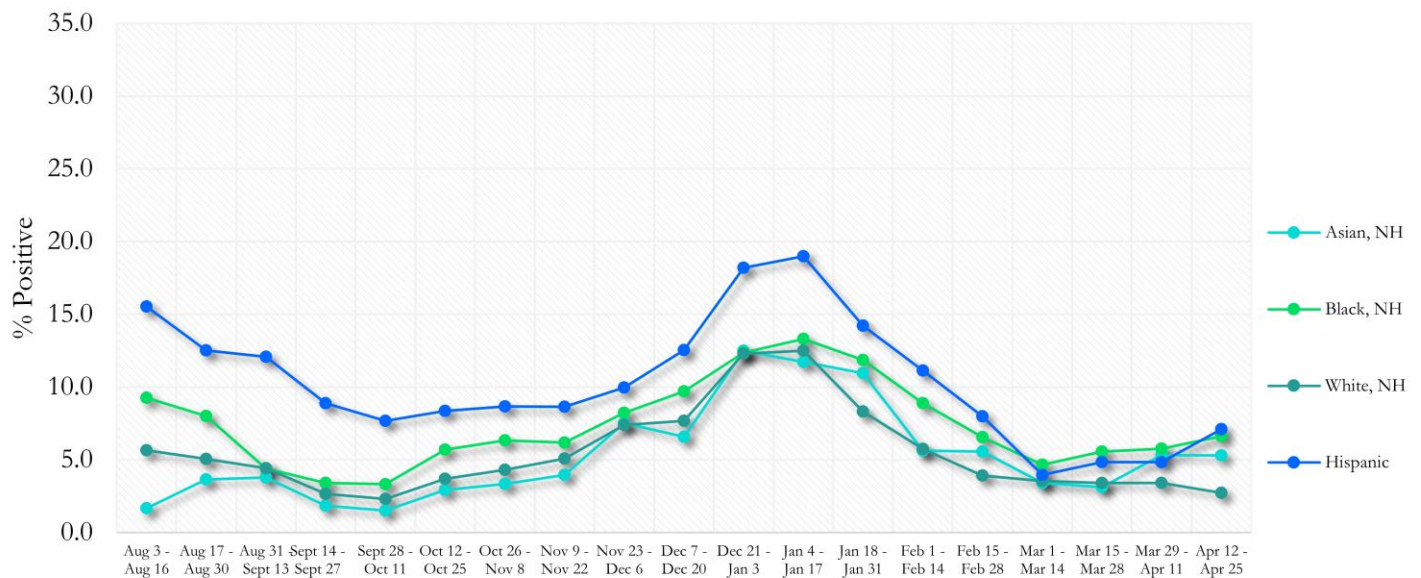*Data on Polymerase Chain Reaction (PCR) tests only included.*

Fig. 26. COVID-19 Tests by Race and Ethnicity in Fulton County by 14-day Periods

Data on Polymerase Chain Reaction (PCR) tests only included. For the recent two weeks, 47% of test results did not have race/ethnicity information.

Fig. 27. Percent Positive COVID-19 Tests by Race and Ethnicity in Fulton County by 14-day Periods

Data on Polymerase Chain Reaction (PCR) tests only included.

## COVID-19 IN LONG-TERM CARE FACILITIES IN FULTON COUNTY

Older persons (aged 65 years and older) and persons who live in nursing homes or other long-term care facilities seem to be at higher risk for developing more serious complications from COVID-19. Extra precautions are recommended for individuals within this risk groups – Centers for Disease Control and Prevention (CDC 2020) https://www.cdc.gov/coronavirus/2019-ncov/need-extra-precautions/people-at-higher-risk.html

Fig. 28. Cumulative COVID-19 Diagnoses and Deaths in Fulton County Associated with Long-Term Care Facilities

CURRENT COVID-19 POSITIVITY:

Fig. 29. Percentage of LTCF Residents with Current COVID-19 Infection
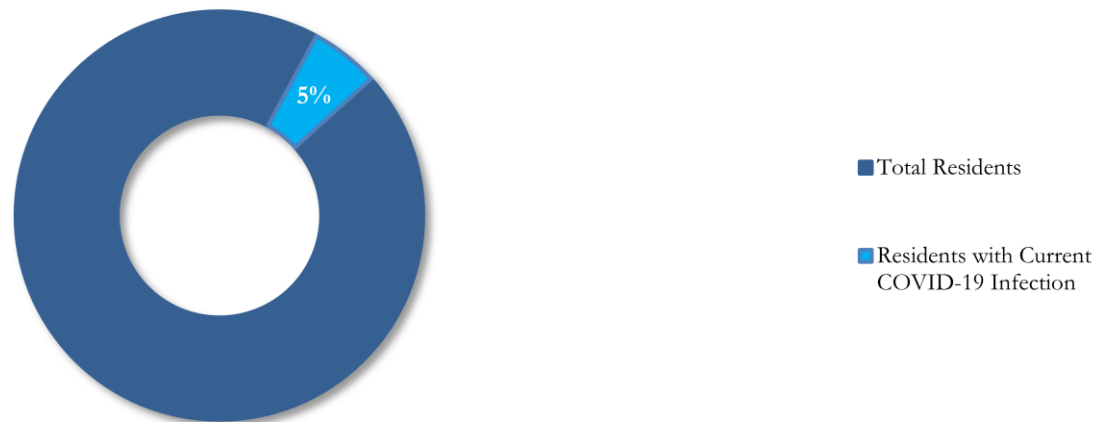
This data comes from facilities self-reporting to DPH and is thus subject to change as more facilities report or provide updated counts. Current total resident count = 4,348