Fulton County Board of Health Epidemiology Report
COVID-19 Cases – 1/26/2021

**FULTON COUNTY BOARD OF HEALTH**

SUMMARY

- As of January 26, 2021, Fulton County has recorded **65,802 cases of the 2019 novel coronavirus** (COVID-19) and **859 confirmed COVID-19 deaths.** 118 deaths are currently being reviewed by GA DPH to confirm cause of death.
- Of **8,540 new diagnoses** made between January 6 and 19, the central portion of the county (Atlanta) accounted for 39% while the northern and southern parts accounted for 39% and 18% respectively.
- By city, new COVID-19 case rates range from 446.8 per 100,000 persons (College Park) to 1303.8 per 100,000 persons (Palmetto). **[Fulton County Diagnoses Rates (per 100,000 persons): Cumulative – 5986.5; Incidence –776.9]**. See map showing incident case rate by ZIP code on Pg.12.
- Among all persons diagnosed with COVID-19 in Fulton County **since July 1, 4.3% required hospitalization and <1.0% died.**
- Of all testing done in Fulton County between January 4 and January 17, **the percent positivity rate was 13.8%.**

Fig 1. Daily and Cumulative COVID-19 cases in Fulton County, GA
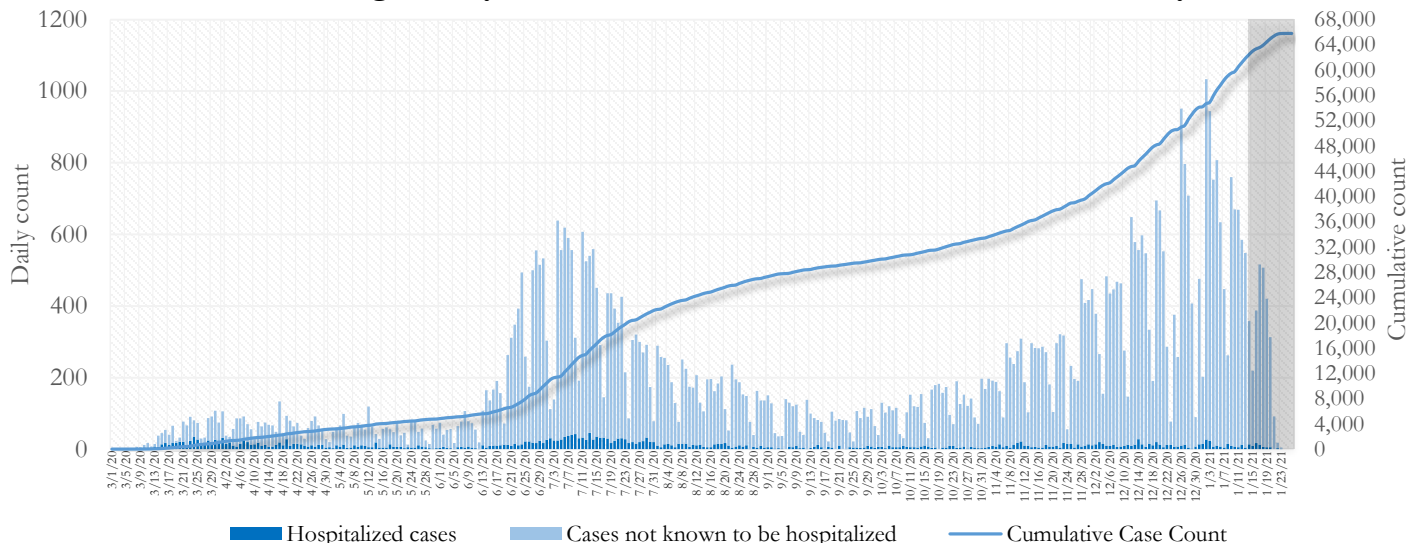
*Counts shown reflect the number of confirmed cases as of 8:30 pm on 1/25/21 using the date of first positive sample collection. Where date of sample collection was not available or missing, the date of report creation in GA SENDSS was used instead. **Note:** Delays in data reporting may cause changes 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.*

DISTRIBUTION OF COVID-19 CASES BY REGION

New cases: 39% of the new COVID-19 cases in the past 2 weeks occurred in Atlanta while 39% and 18% occurred in the Northern and Southern regions of the county respectively.

Fulton Region	% Cumulative count	% New cases*
Atlanta	42.2%	38.7%
North[1]	34.1%	39.1%
South[2]	19.0%	18.4%
Unincorporated/Unknown	4.6%	3.7%

[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 1/6/21 – 1/19/21).
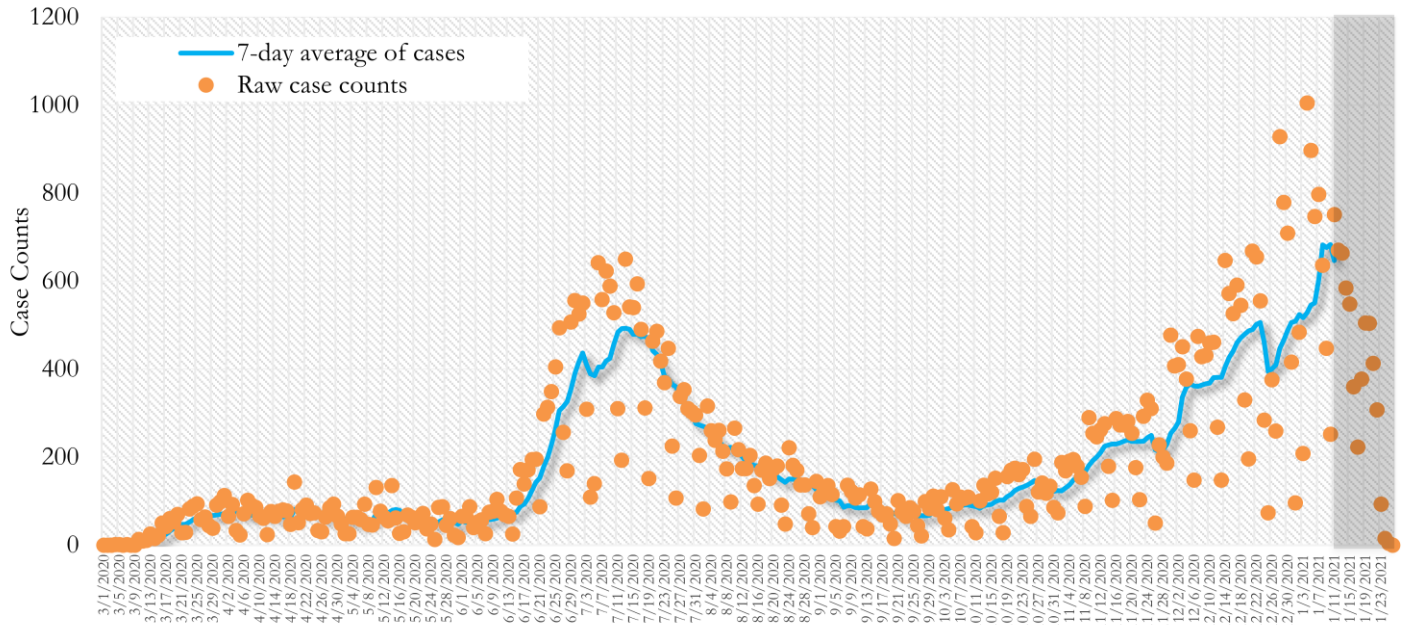
In the recent two week reporting period (1/6-1/19), there were more new cases of COVID-19 in Fulton County than the previous two weeks (12/23-1/5).
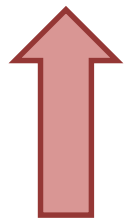
*Delayed a week to account for testing results turnaround time.*

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)
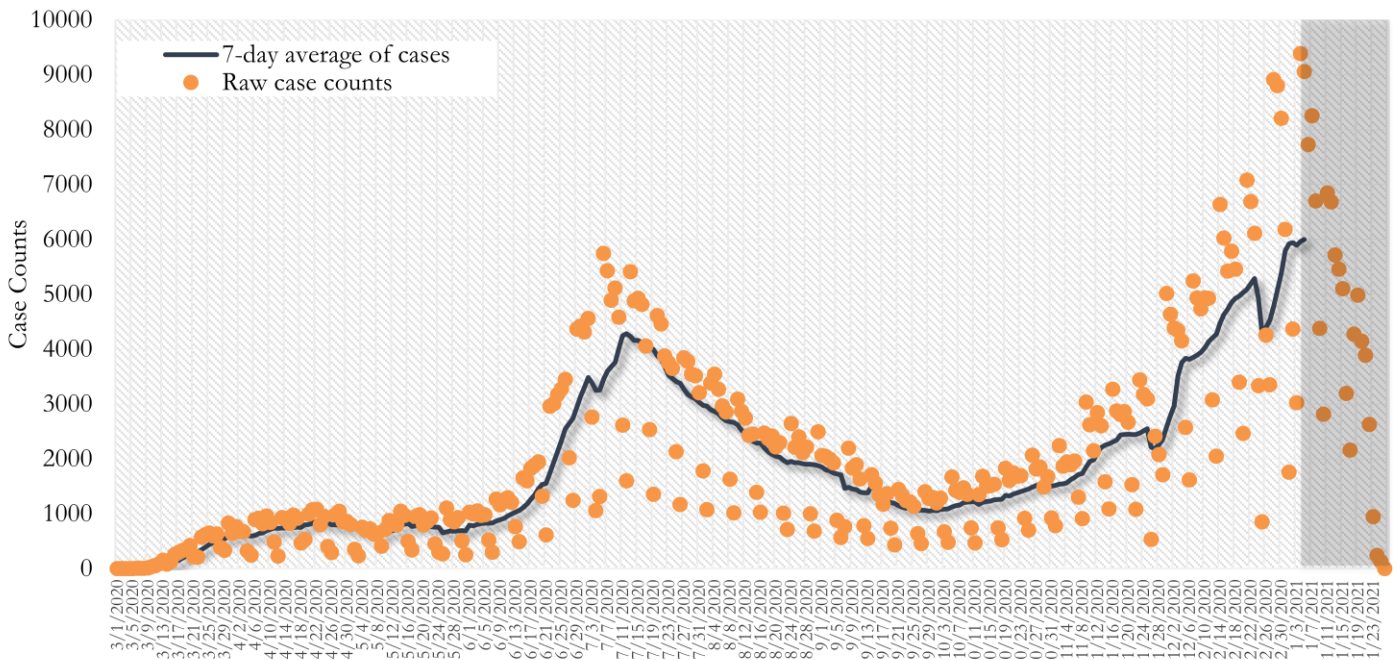
Date of collection of first positive sample used (report creation date used where sample collection date is missing). Graph above reflects the trend in COVID-19 diagnosis. Due to the high volume of testing in recent weeks, there have been delays in reporting lab results. Thus, the trend is subject to 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)
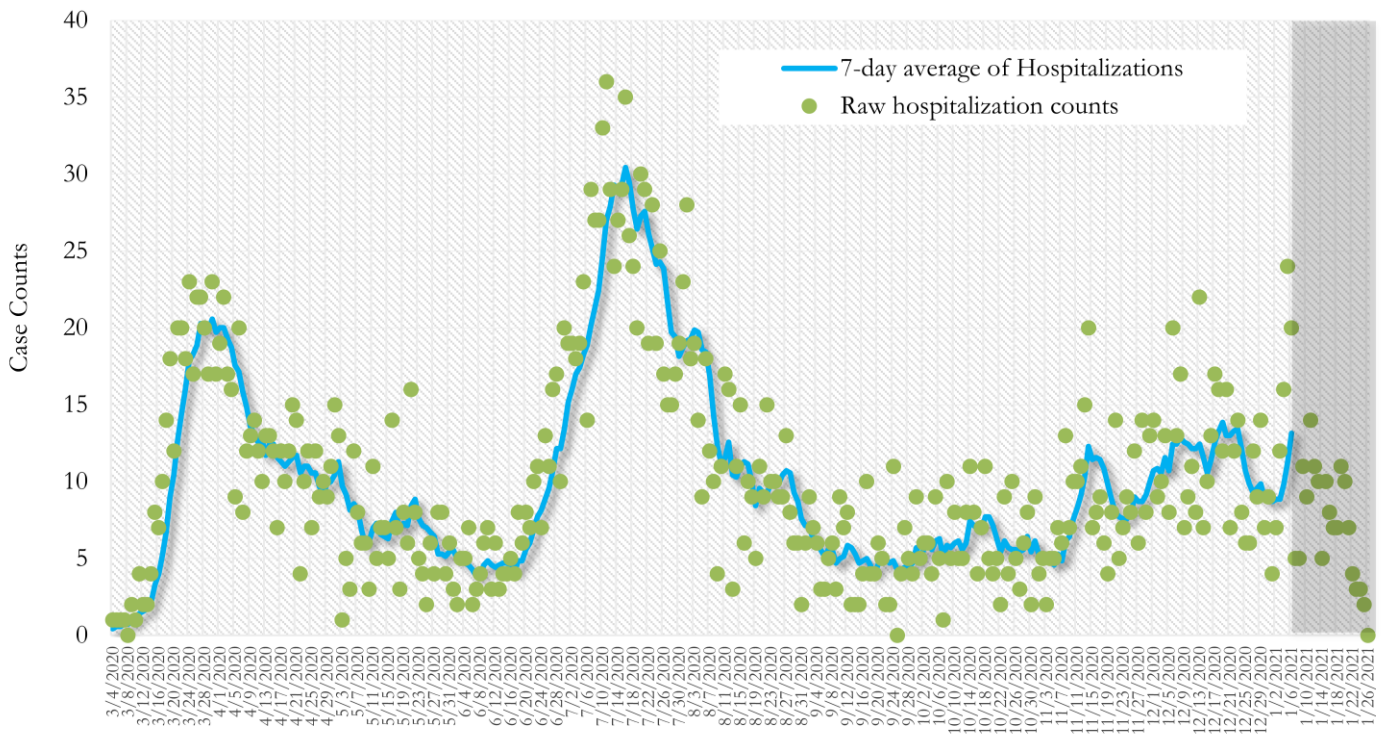
Reported date of hospital admission used. Graph above reflects the trend in COVID-19 hospitalizations. Due to the high volume of new cases being added daily, there have been delays in reporting hospitalization data. Thus, the trend is likely to change as more hospitalization data is reported in the state surveillance database.

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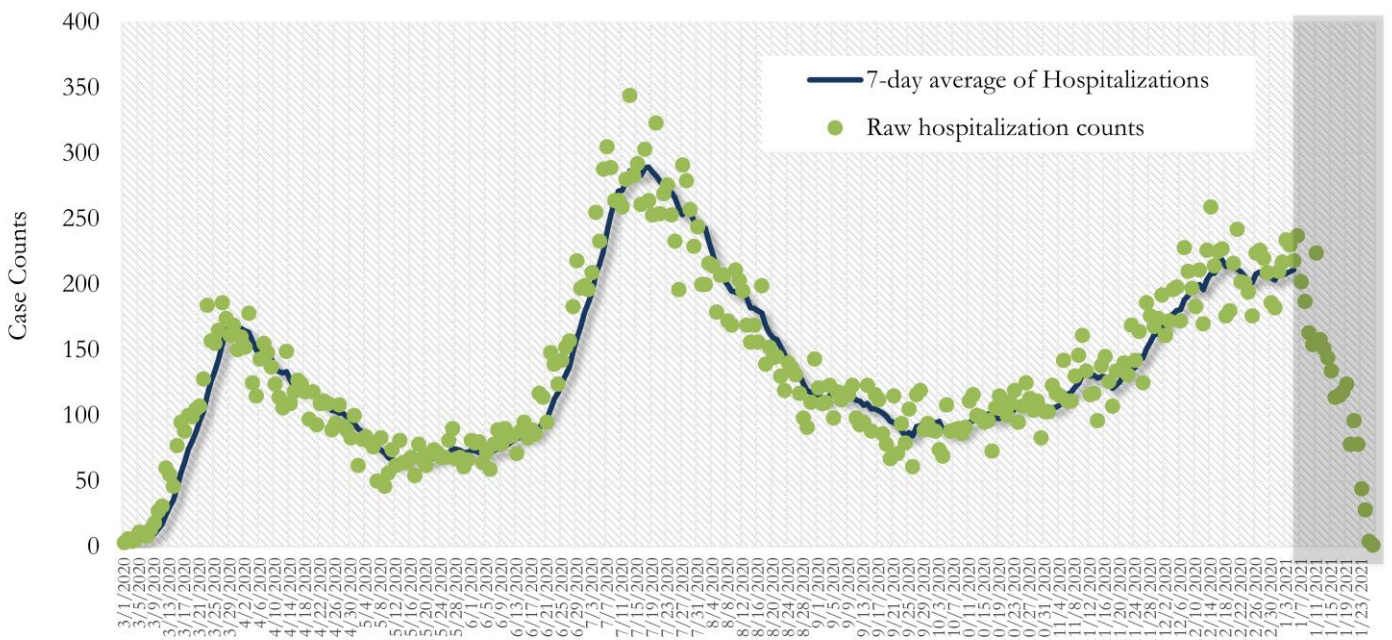

Reported date of hospital admission used. Graph above reflects the trend in COVID-19 hospitalizations. Due to the high volume of new cases being added daily, there have been delays in reporting hospitalization data. Thus, the trend is likely to change as more hospitalization data is reported in the state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

Fig. 6. COVID-19 Deaths in Fulton County Daily (Averaged over 7 days)
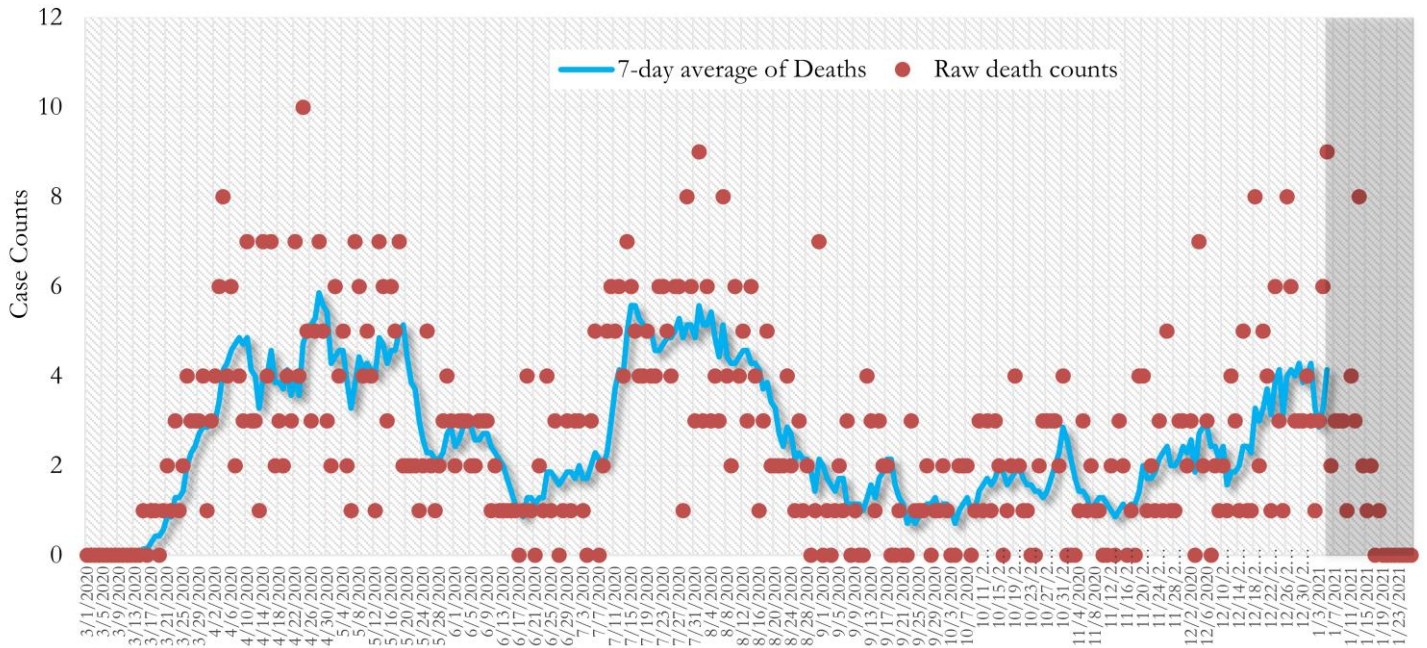
*Reported date of death used. Graph above reflects the trend in deaths attributed to COVID-19. The trend is likely to change as more data on deaths among persons with COVID-19 is reported in the state surveillance database.

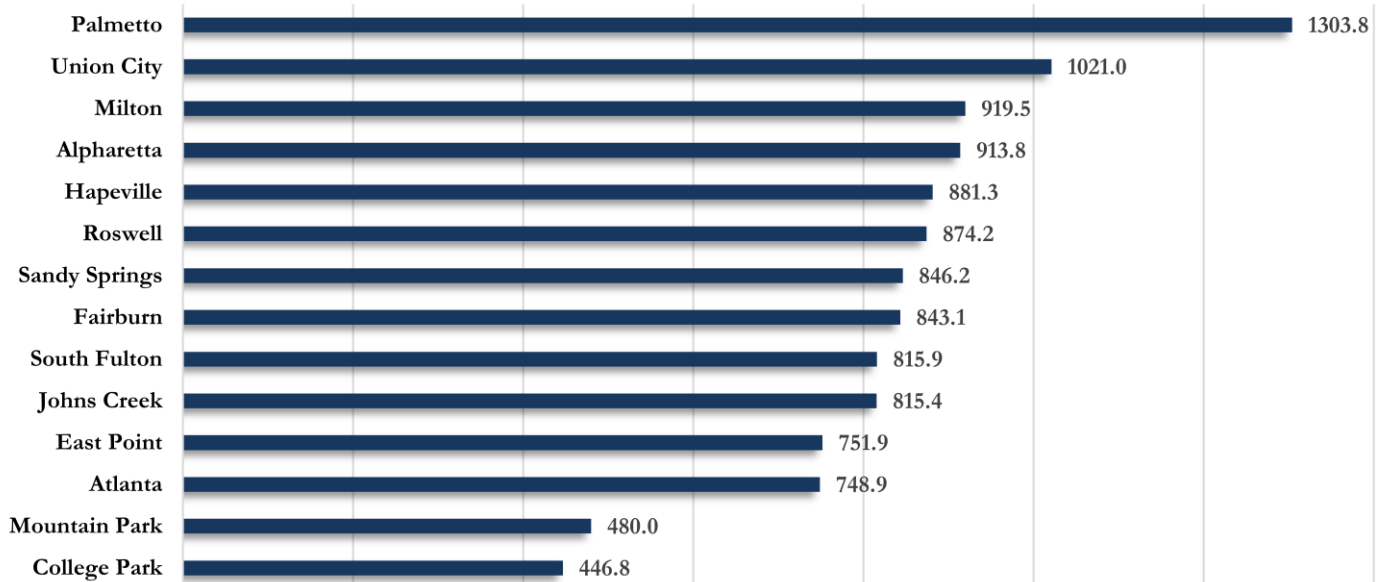## Fig. 7. COVID-19 Deaths in Georgia State Daily (Averaged over 7 days)
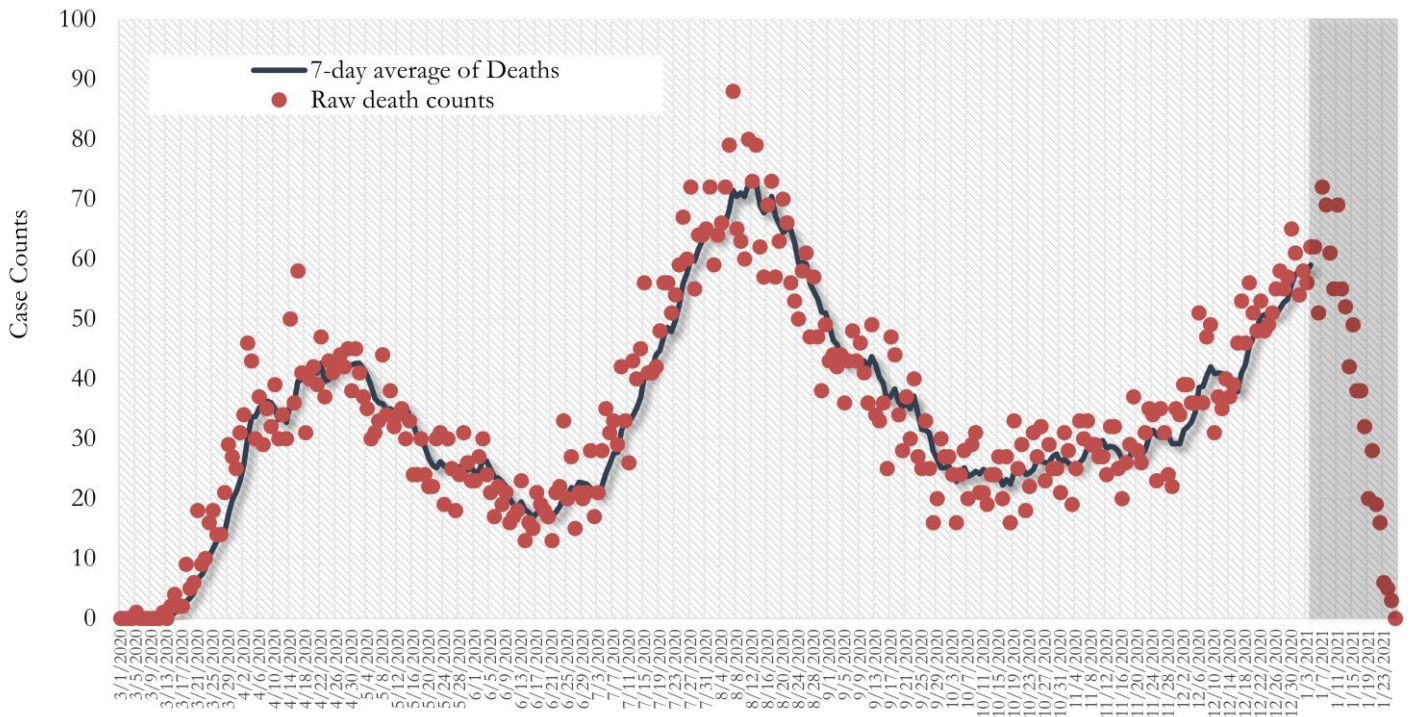
*Reported date of death used. Graph above reflects the trend in deaths attributed to COVID-19. The trend is likely to change as more data on deaths among persons with COVID-19 is reported in the state surveillance database.

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]
	1/6-1/19	*12/23-1/5*		
Alpharetta	591	450	↑ 31.3%	913.8
Atlanta	3304	2671	↑ 23.7%	748.9
Chattahoochee Hills	21	15	↑ 40.0%	732.5
College Park	62	59	↑ 5.1%	446.8
East Point	263	186	↑ 41.4%	751.9
Fairburn	124	93	↑ 33.3%	843.1
Hapeville	58	40	↑ 45.0%	881.3
Johns Creek	682	539	↑ 26.5%	815.4
Milton	351	272	↑ 29.0%	919.5
Mountain Park	<10	<10	↓ 40.0%	480.0
Palmetto	57	30	↑ 90.0%	1303.8
Roswell	824	719	↑ 14.6%	874.2
Sandy Springs	892	844	↑ 5.7%	846.2
South Fulton	776	625	↑ 24.2%	815.9
Union City	214	143	↑ 49.7%	1021.0
Unknown	315	196	-	-

[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. **Note:** *All data reported are preliminary and subject to change*.

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

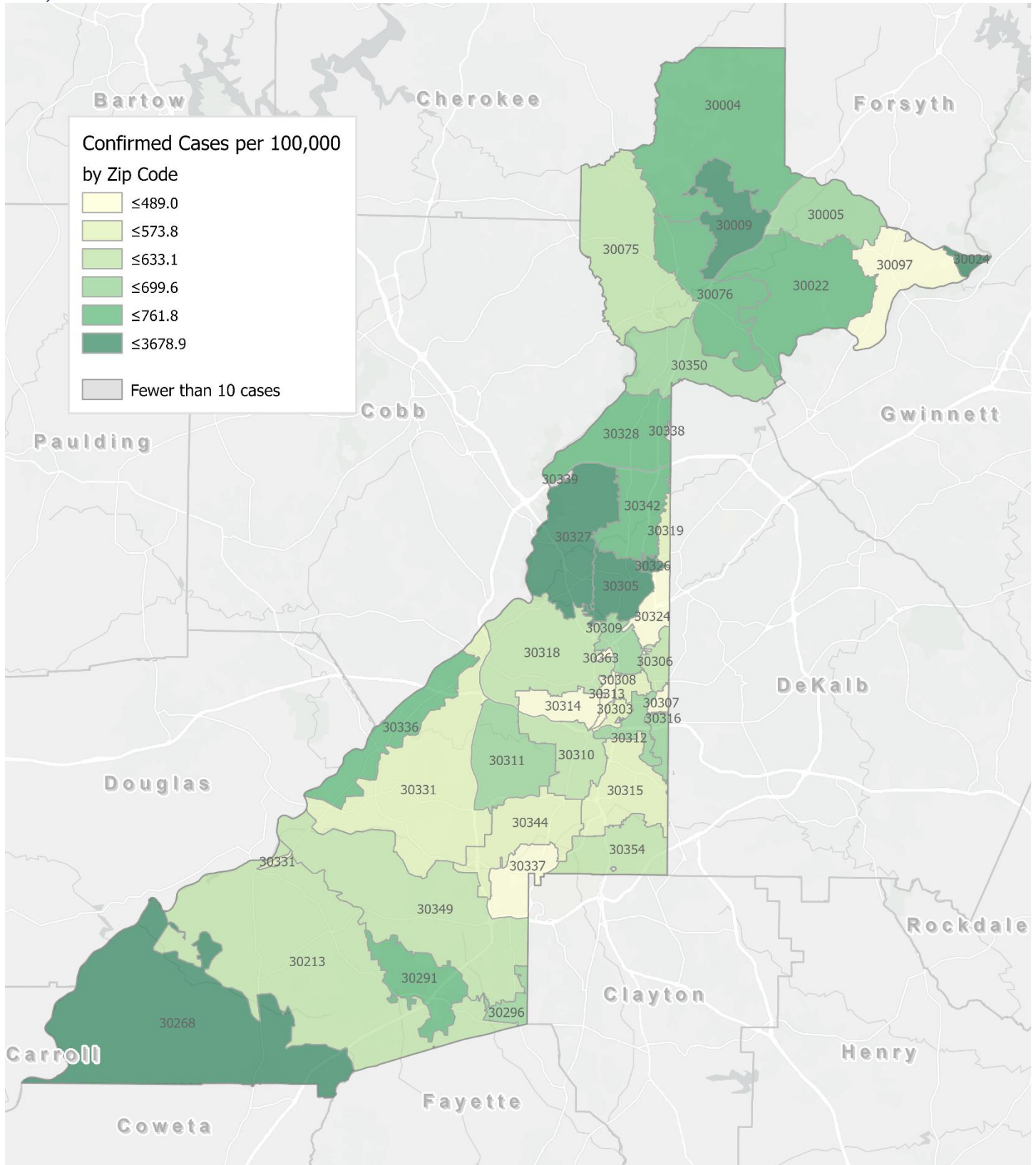| City	Incidence Rate
Palmetto	1303.8
Union City	1021.0
Milton	919.5
Alpharetta	913.8
Hapeville	881.3
Roswell	874.2
Sandy Springs	846.2
Fairburn	843.1
South Fulton	815.9
Johns Creek	815.4
East Point	751.9
Atlanta	748.9
Mountain Park	480.0
College Park	446.8

*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 (January 6 – January 19, 2021) in Fulton County
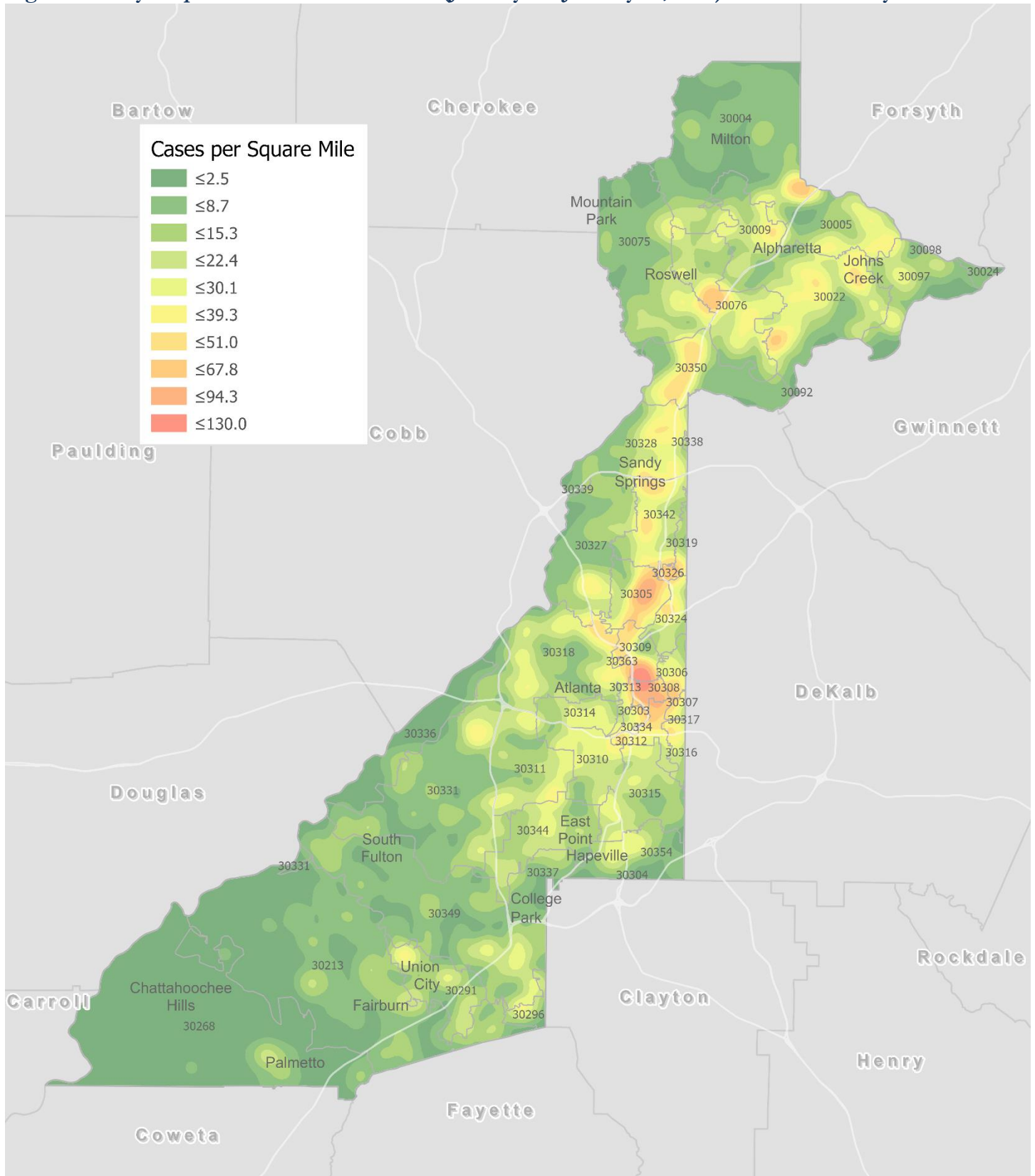
New COVID-19 cases: *Cases diagnosed in most recent 14 days (based on reported dates of positive sample collection). To allow for lag in reporting results of positive cases from samples collected in the immediate past 7 days, data used for incident diagnoses analyses are moved back by one week. Map reflects new COVID-19 cases diagnosed between Jan 6th and Jan 19th, 2021 across Fulton County, excluding LTCF cases.*

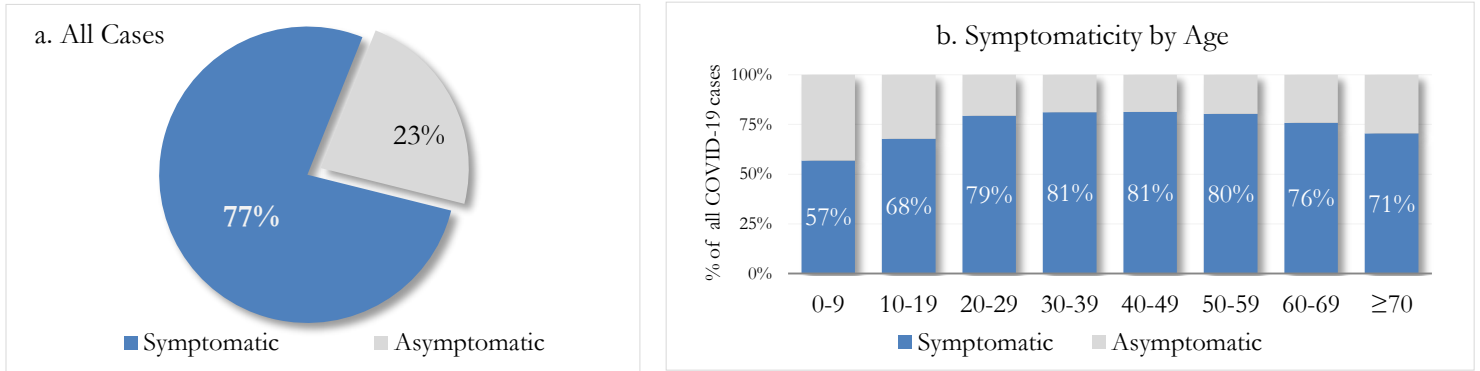**Fig. 10. New COVID-19 Diagnoses Rates (per 100,000 population) by Zip Code (January 6 – January 19, 2021)**

Confirmed Cases per 100,000
by Zip Code

	≤489.0
	≤573.8
	≤633.1
	≤699.6
	≤761.8
	≤3678.9
	Fewer than 10 cases

*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 past 7 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.*

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, or new loss of taste or smell – Centers for Disease Control and Prevention 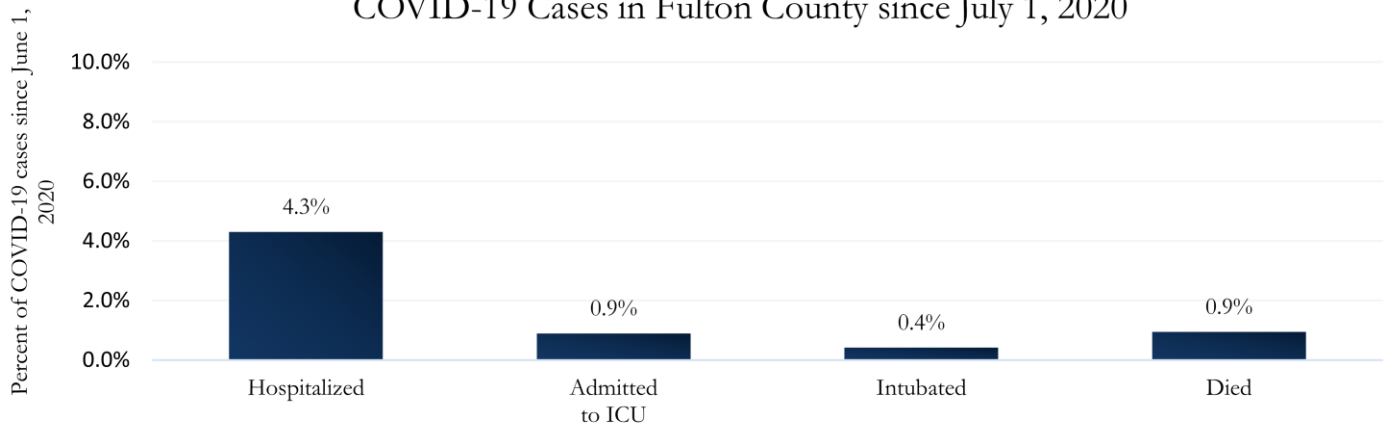(CDC) – Centers for Disease Control and Prevention (CDC) https://www.cdc.gov/coronavirus/2019-ncov/symptoms-testing/symptoms.html

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

a. All Cases

77% Symptomatic, 23% Asymptomatic

b. Symptomaticity by Age

Age	Symptomatic
0-9	57%
10-19	68%
20-29	79%
30-39	81%
40-49	81%
50-59	80%
60-69	76%
≥70	71%

COVID-19 cases who have been case interviewed or had medical charts reviewed as of 1/25/21 only. n = 35,287

COVID-19 HOSPITALIZATIONS, ICU ADMISSIONS AND DEATHS IN FULTON

Fig. 8. Hospitalizations, ICU Admissions, Intubations, and Deaths among COVID-19 Cases in Fulton County since July 1, 2020

Percent of COVID-19 cases since June 1, 2020

Category	Percent
Hospitalized	4.3%
Admitted to ICU	0.9%
Intubated	0.4%
Died	0.9%

DEMOGRAPHIC DISTRIBUTIONS – COVID-19 CASES AND DEATHS

A. Distribution of COVID-19 cases by gender, age, and race in Fulton County by Fulton Region in the past 28 days (12/23 - 1/19)

	North Fulton Cities[1] Count (%)	Atlanta Count (%)	South Fulton Cities[2] Count (%)	Unknown City Count (%)	All Fulton Count (%)
Total COVID-19 cases	**5878**	**5731**	**2659**	**500**	**14768**
Gender: Female	3107 (53%)	2969 (52%)	1507 (57%)	266 (53%)	7849 (53%)
Male	2711 (46%)	2702 (47%)	1137 (43%)	228 (46%)	6778 (46%)
Unknown*	60 (1%)	60 (1%)	15 (1%)	<10	141 (1%)
Age: 0-9	279 (5%)	203 (4%)	111 (4%)	23 (5%)	616 (4%)
10-19	739 (13%)	408 (7%)	225 (8%)	43 (9%)	1415 (10%)
20-29	1071 (18%)	1382 (24%)	438 (16%)	107 (21%)	2998 (20%)
30-39	859 (15%)	1271 (22%)	523 (20%)	117 (23%)	2770 (19%)
40-49	940 (16%)	798 (14%)	489 (18%)	67 (13%)	2294 (16%)
50-59	964 (16%)	734 (13%)	432 (16%)	74 (15%)	2204 (15%)
60-69	514 (9%)	492 (9%)	248 (9%)	36 (7%)	1290 (9%)
≥70	509 (9%)	434 (8%)	186 (7%)	33 (7%)	1162 (8%)
Unknown*	<10	<10	<10	<10	19 (<1%)
Race: Asian, NH	403 (7%)	107 (2%)	20 (1%)	27 (5%)	557 (4%)
Black, NH	472 (8%)	2044 (36%)	1695 (64%)	106 (21%)	4317 (29%)
White, NH	2238 (38%)	1250 (22%)	150 (6%)	121 (24%)	3759 (25%)
Hispanic	740 (13%)	266 (5%)	151 (6%)	42 (8%)	1199 (8%)
Other, NH	707 (12%)	545 (10%)	109 (4%)	60 (12%)	1421 (10%)
Unknown*	1318 (22%)	1519 (27%)	534 (20%)	144 (29%)	3515 (24%)

Unknown includes cases not yet interviewed. 28 days delayed by seven to account for lag in reporting lab results. [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)

B. Distribution of COVID-19 deaths by gender, age, and race in Fulton County in the past 28 days (12/23 - 1/19)

	Count of New Deaths	% of New Deaths
Total COVID-19 deaths	**34**	
Gender: Female	16	47%
Male	18	53%
Unknown	<10	<1%
Age: ≤ 29	<10	<1%
30-39	<10	<1%
40-49	<10	<1%
50-59	<10	6%
60-69	<10	21%
≥70	25	74%
Unknown	<10	<1%
Race: Asian, NH	<10	3%
Black, NH	18	53%
White, NH	12	35%
Hispanic	<10	<1%
Other, NH	<10	6%
Unknown	<10	3%

Note: All data reported are preliminary and subject to change. This table includes data on confirmed COVID-19 deaths and is subject to change as GA DPH completes cause of death confirmation processes. Data are 28 days delayed by seven to account for lag in reporting of deaths.
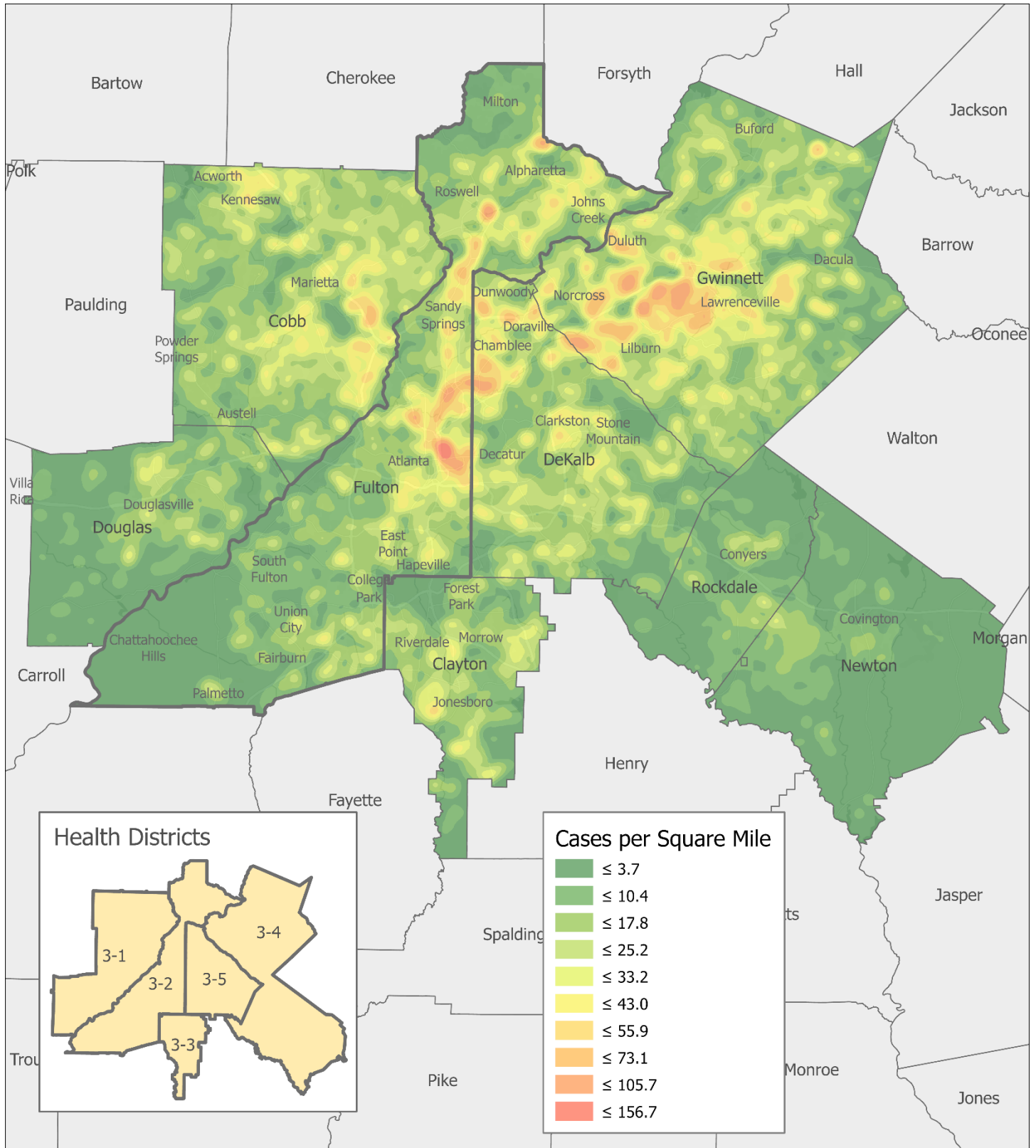
COVID-19 CASE TRENDS IN FULTON AND SURROUNDING DISTRICTS

Fig. 13. Daily Case Counts for Atlanta Metro Districts
(Averaged over 7 days)
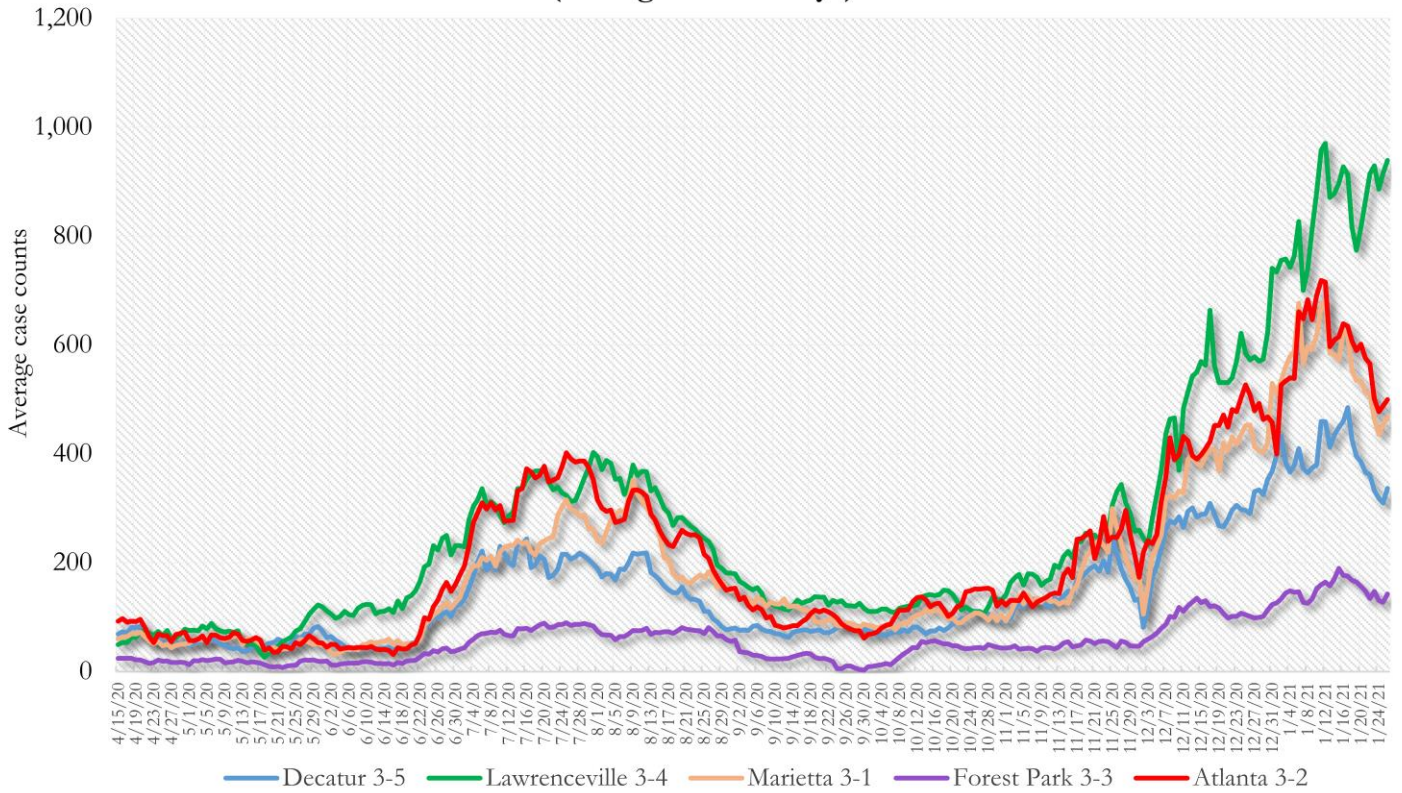
Graph shows the average number of cases calculated from the daily cumulative case counts in the metro Atlanta districts. Increases in daily cumulative case counts may include cases diagnosed earlier during the pandemic but were only recently reported to the state as cases diagnosed belonging to these districts.

Fig. 14. COVID-19 Cases in Fulton County and Surrounding Districts (January 6 – January 19, 2021)

Health Districts

Cases per Square Mile

	≤ 3.7
	≤ 10.4
	≤ 17.8
	≤ 25.2
	≤ 33.2
	≤ 43.0
	≤ 55.9
	≤ 73.1
	≤ 105.7
	≤ 156.7

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

Zip Code	Recent 14-day reporting period (1/6 – 1/19)	Previous 14-day reporting period (12/23 – 1/5)	% Change between reporting periods[2]
All Fulton	**8540**	**6894**	**↑ 23.9%**
30004	479	360	↑ 33.1%
30005	281	226	↑ 24.3%
30009	189	123	↑ 53.7%
30022	612	475	↑ 28.8%
30023	<10	<10	-
30024	16	<10	↑ 100.0%
30075	330	336	↓ 1.8%
30076	451	340	↑ 32.6%
30080	0	0	-
30097	190	157	↑ 21.0%
30098	0	0	-
30135	<10	<10	-
30138	0	0	-
30139	0	0	-
30213	315	265	↑ 18.9%
30268	91	61	↑ 49.2%
30291	208	145	↑ 43.4%
30296	46	19	↑ 142.1%
30301	0	<10	↓ 100.0%
30303	47	32	↑ 46.9%
30305	278	242	↑ 14.9%
30306	107	99	↑ 8.1%
30307	35	36	↓ 2.8%
30308	132	118	↑ 11.9%
30309	243	221	↑ 10.0%
30310	196	161	↑ 21.7%
30311	266	133	↑ 100.0%
30312	204	156	↑ 30.8%
30313	43	16	↑ 168.8%
30314	125	80	↑ 56.3%
30315	234	177	↑ 32.2%
30316	91	78	↑ 16.7%
30318	452	344	↑ 31.4%
30319	62	49	↑ 26.5%
30321	<10	<10	-
30324	143	139	↑ 2.9%
30326	64	49	↑ 30.6%
30327	243	230	↑ 5.7%
30328	314	308	↑ 1.9%
30331	404	335	↑ 20.6%
30334	<10	<10	-
30336	13	10	↑ 30.0%
30337	59	57	↑ 3.5%

Zip Code	Recent 14-day reporting period (1/6 – 1/19)	Previous 14-day reporting period (12/23 – 1/5)	% Change between reporting periods
30338	10	11	↓ 9.1%
30339	49	37	↑ 32.4%
30340	<10	0	-
30341	0	0	-
30342	311	332	↓ 6.3%
30344	236	166	↑ 42.2%
30345	<10	0	-
30349	426	321	↑ 32.7%
30350	290	250	↑ 16.0%
30354	131	90	↑ 45.6%
30358	<10	<10	-
30363	21	15	↑ 40.0%
30374	<10	<10	-
30606	0	0	-
31131	0	<10	↓ 100.0%
31150	<10	<10	-
Unknown	81	71	-

[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 both 2 week intervals are not reported*

The following data are updated every two weeks.

Last updated 1/19/2021

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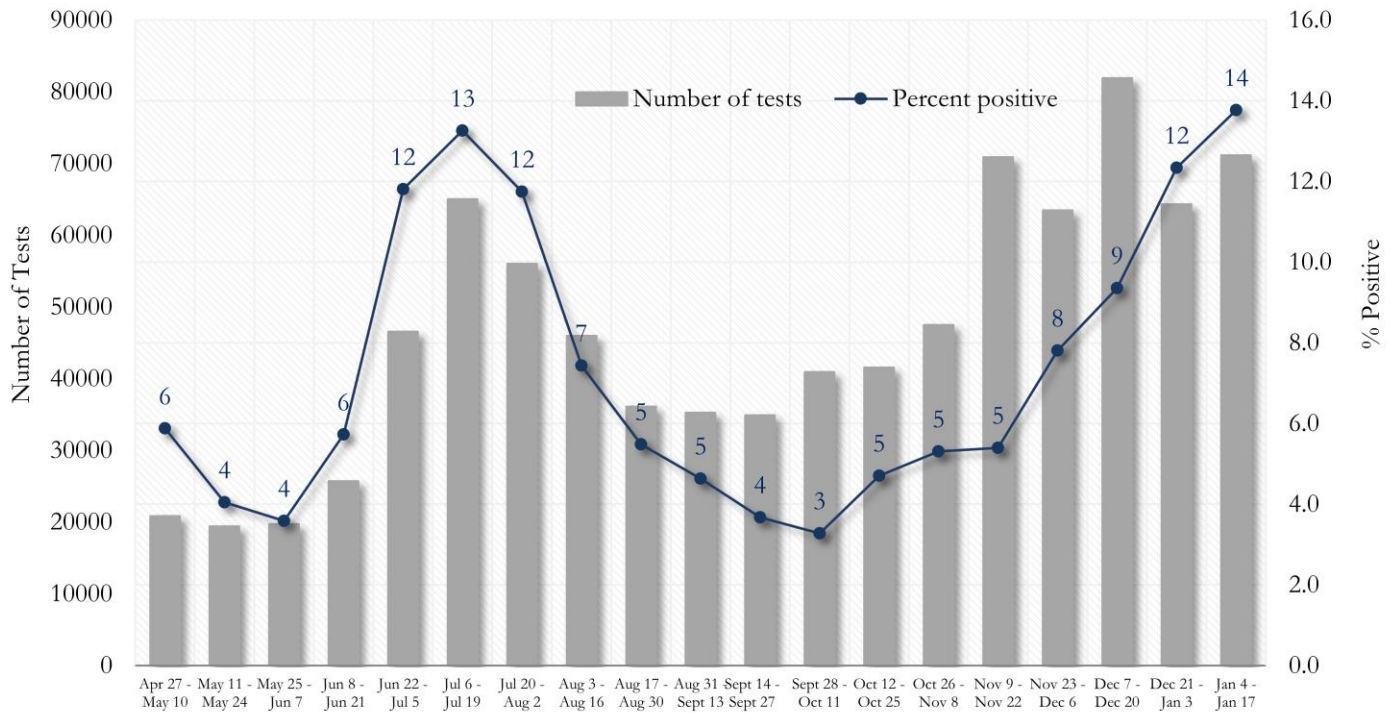
Data on Polymerase Chain Reaction (PCR) tests only included.

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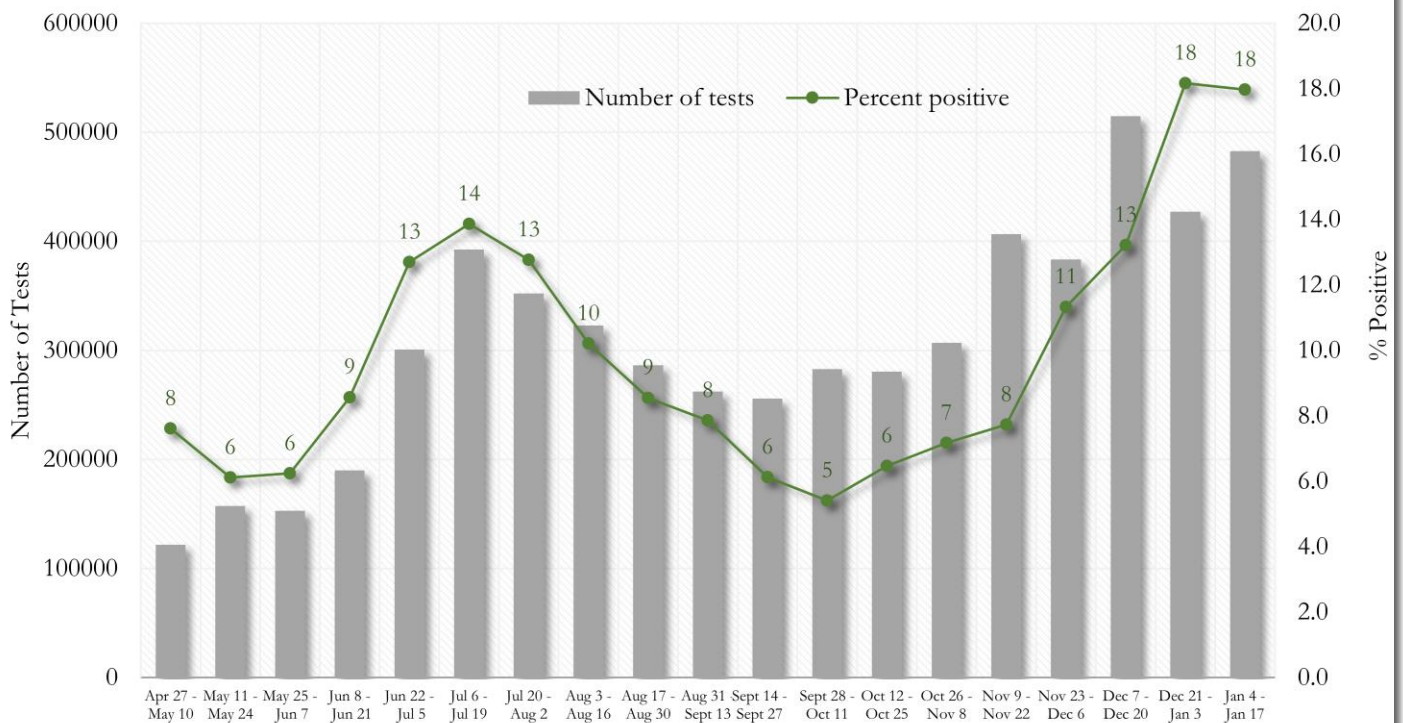
Data on Polymerase Chain Reaction (PCR) tests only included.

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

Fig. 17. Trends in Geographic distribution of COVID-19 Cases in Fulton County by 14-day periods
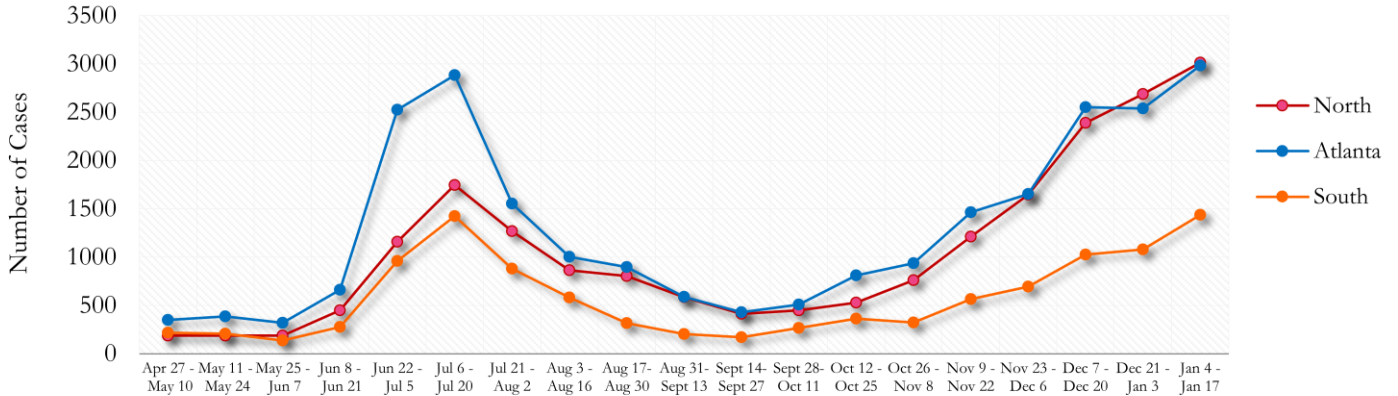
In the past two weeks, the city of Atlanta and the Northern region have accounted for almost equal amounts of new cases.
*North -Includes all Fulton cities north of Atlanta (Alpharetta, Johns Creek, Milton, Mountain Park, Roswell, Sandy Springs)
*South - Includes all Fulton cities south of Atlanta (Chattahoochee Hills, College Park, East Point, Fairburn, Hapeville, Palmetto, South Fulton, and Union City)

Fig. 18. Trends in Racial Distribution of COVID-19 Cases in Fulton County by 14-day periods
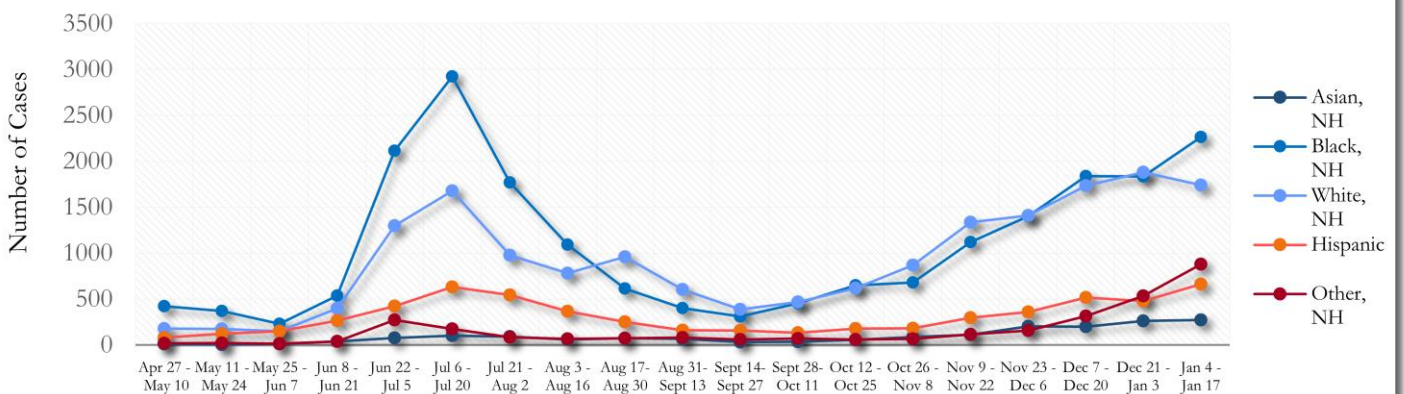
Fig. 19. Racial Distribution of COVID-19 Cases in Fulton County by 14-day periods
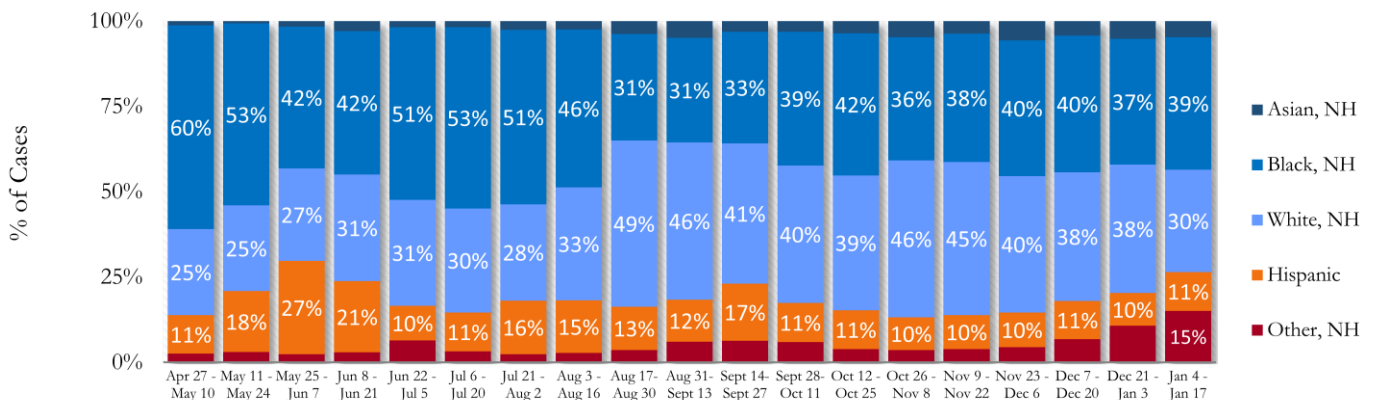
About 16% of COVID cases are missing data on patient race and ethnicity. The majority of new cases in the past two weeks were Black, NH (39%) and White, NH (30%).

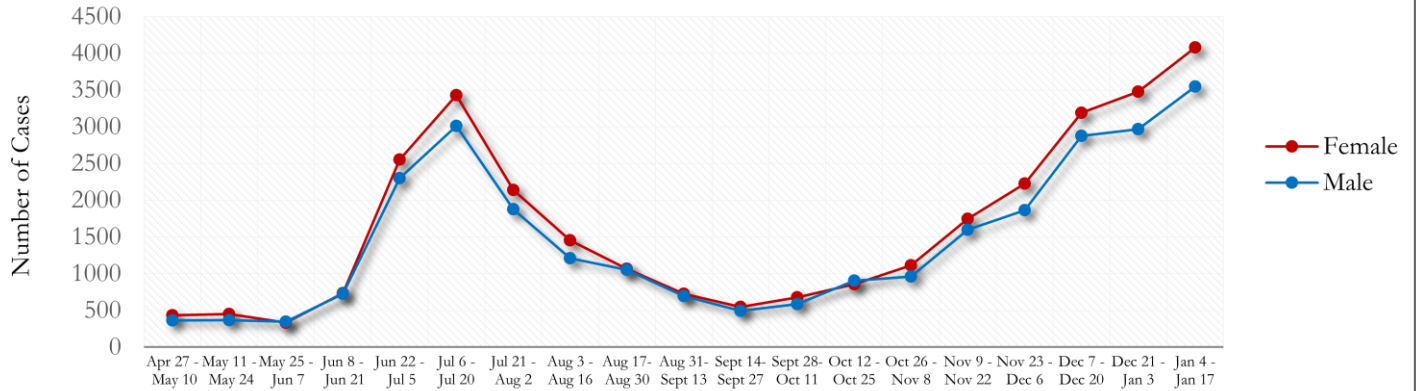**Fig. 20. Trends in Gender Distribution of COVID-19 Cases in Fulton County by 14-day periods**
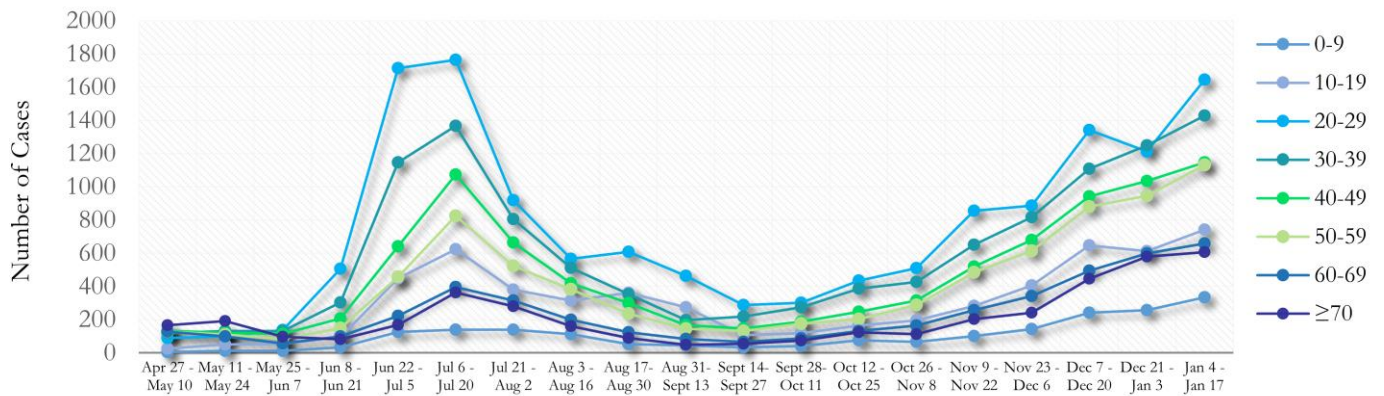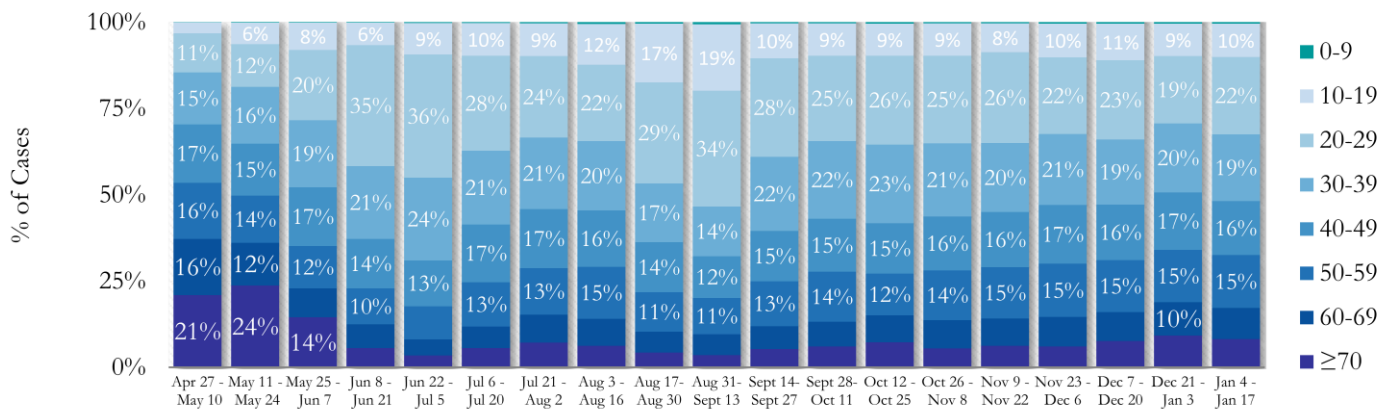

Fig. 21. Trends in Age Distribution of COVID-19 Cases in Fulton County by 14-day periods
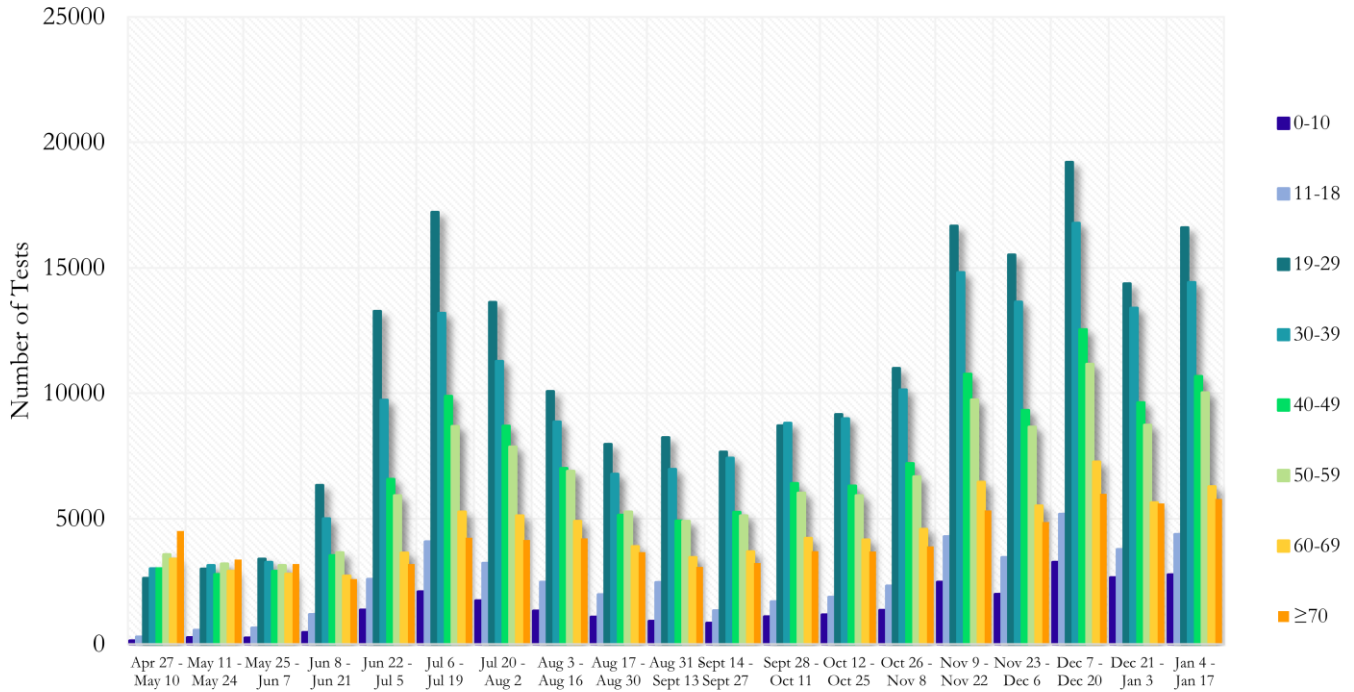

In the most recent two weeks, 20-29 year olds accounted for the highest number of new cases among all age group, followed by 30-39 year olds.

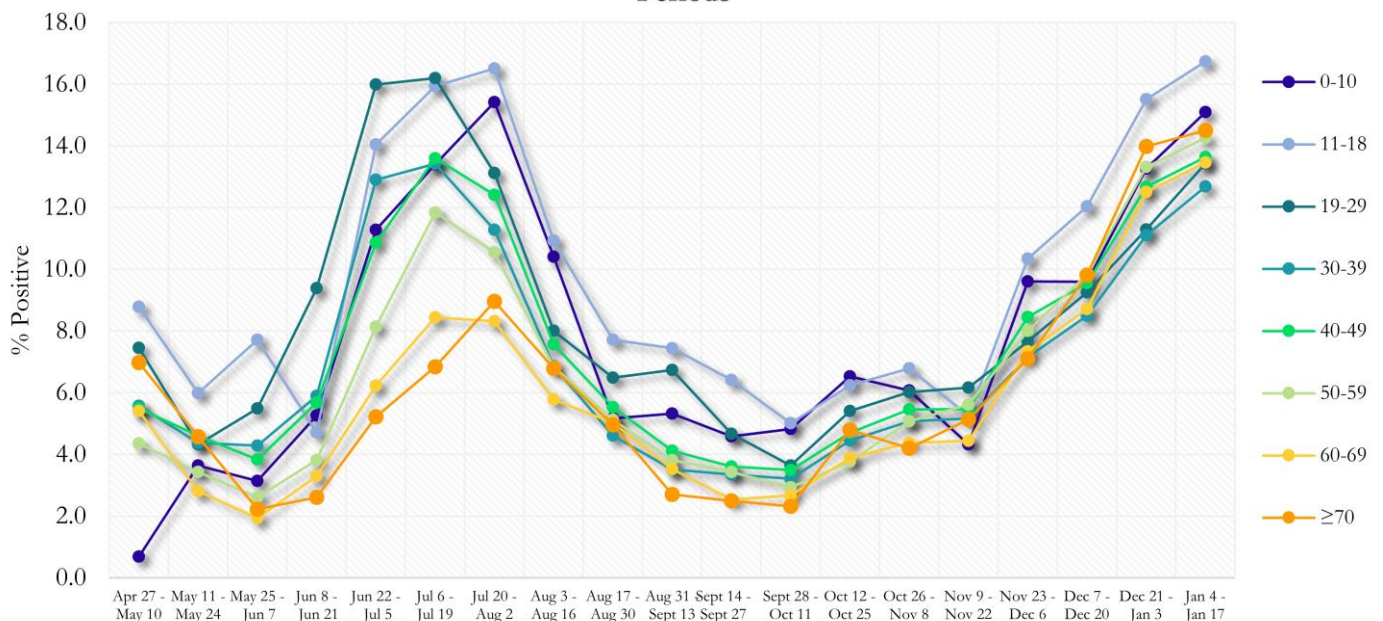**Fig. 22. Age Distribution of COVID-19 Cases in Fulton County by 14-day periods**

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

Fig. 23. COVID-19 Tests by Age in Fulton County by 14-day Periods
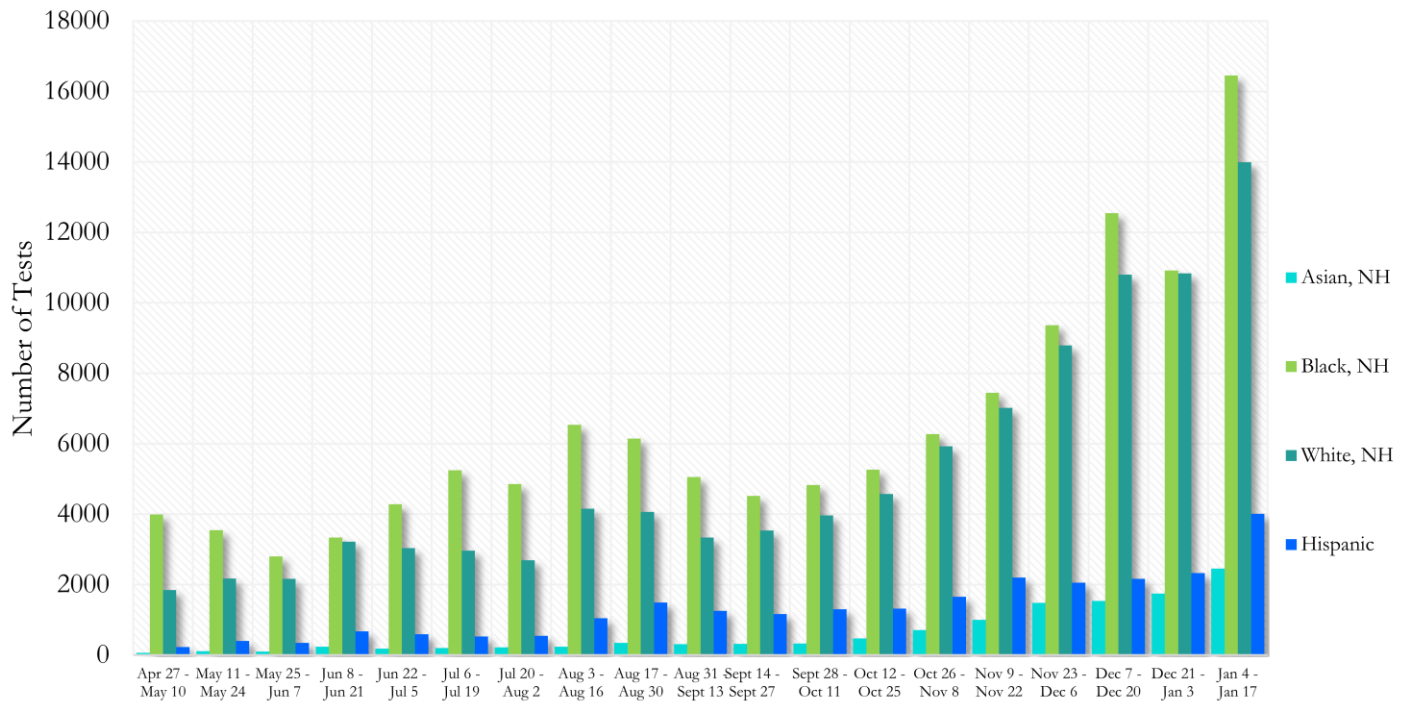
Data on Polymerase Chain Reaction (PCR) tests only included.

Fig. 24. Percent Positive COVID-19 Tests by Age Group in Fulton County by 14-day Periods
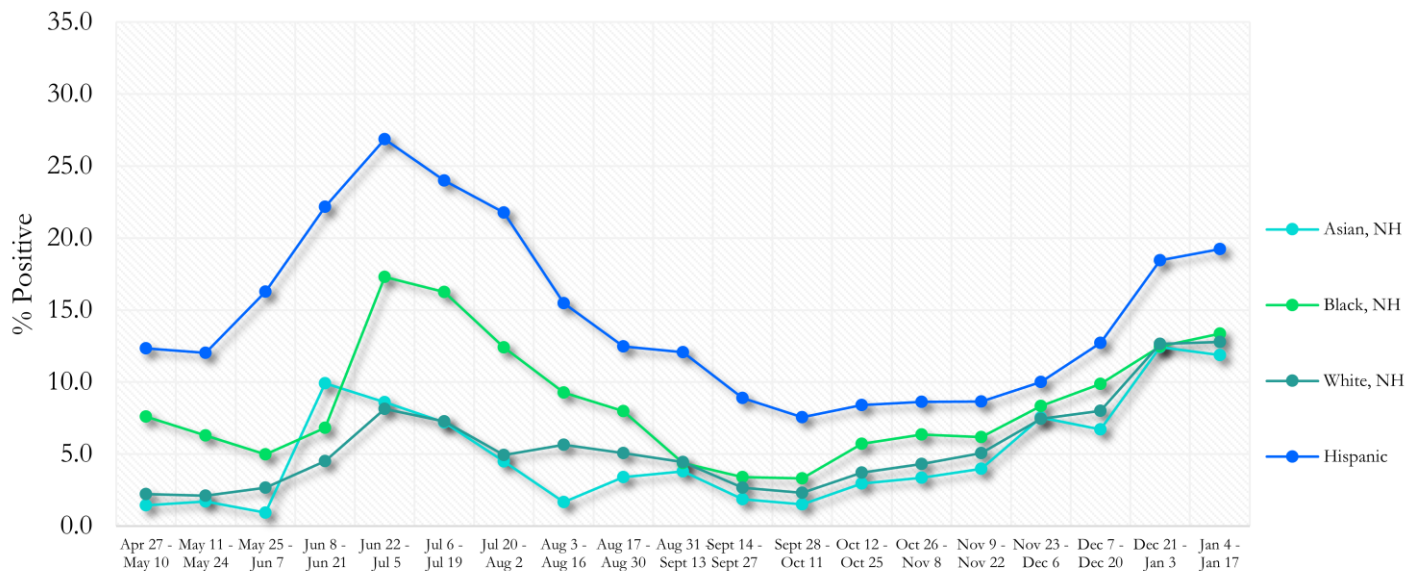
Data on Polymerase Chain Reaction (PCR) tests only included.

Fig. 25. 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, 49% of test results did not have race/ethnicity information.

Fig. 26. 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.

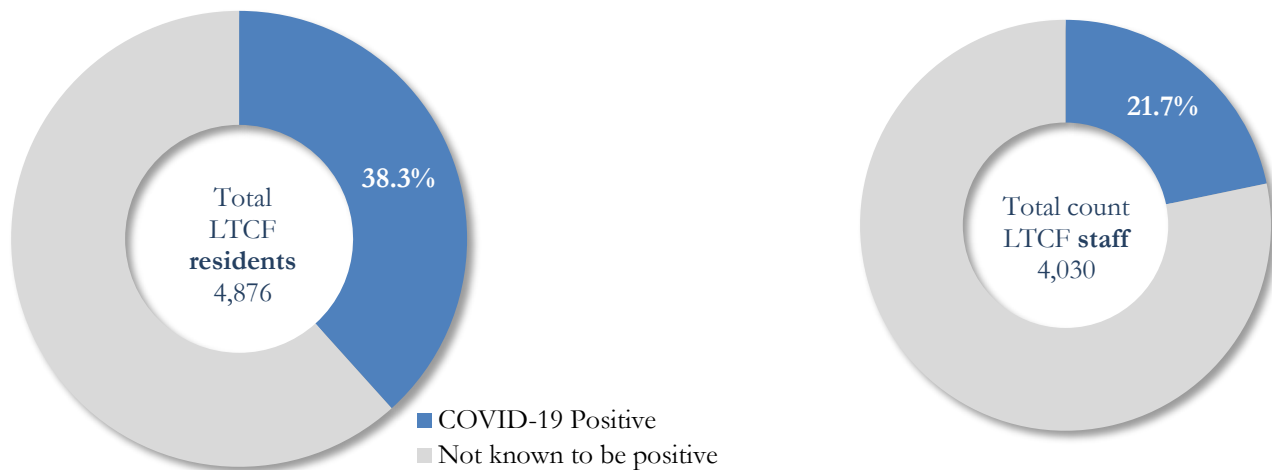## COVID-19 IN LONG-TERM CARE FACILITIES IN FULTON COUNTY

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

*** LTCF → Long-term Care Facility (Incudes residents and Staff)***
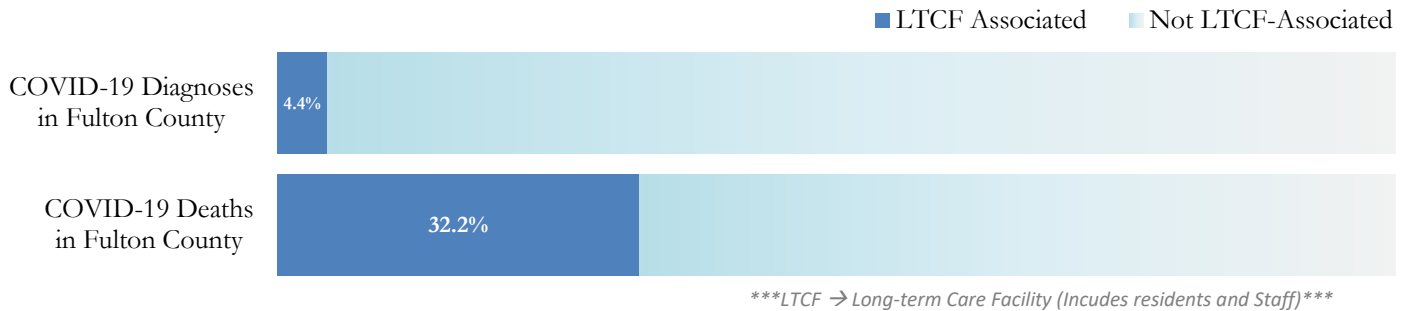
COVID-19 POSITIVITY:

Fig. 28. COVID-19 Positivity at 64 reporting Long-Term Care Facilities (LTCF) in Fulton County

COVID-19 Cases, Hospitalizations, and Deaths among 64 reporting Long-Term Care Facilities in Fulton County

	LTCF Residents (n=4,876)			LTCF Staff (n=4,030)		
	Cases	Hospitalizations	Deaths	Cases	Hospitalizations	Deaths
Average (count per fac.)[1]	29	5	4	14	1	<0.1
Median (count per fac.)[1]	12	3	1	9	0	0
Lowest counts	0	0	0	0	0	0
Highest counts	143	48	30	70	8	2
Total Count	1869 (38.3%)[a]	337 (18.0%)[b]	260 (13.9%)[b]	876 (21.7%)[a]	33 (3.8%)[b]	5 (<1.0%)[b]

[a] *Percentage shown reflects proportion of total residents/staff tested who were positive (i.e. COVID-19 Positivity).* | [b] *Percentages shown are proportions of persons residents/staff diagnosed with COVID-19 who were hospitalized or died after diagnoses.*