SUMMARY

- As of February 19, 2021, Fulton County has recorded **72,410 cases of the 2019 novel coronavirus** (COVID-19) and **1,013 confirmed COVID-19 deaths.** 112 deaths are currently being reviewed by GA DPH to confirm cause of death.
- Of **3,414 new diagnoses** made between January 30 and February 12, the central portion of the county (Atlanta) accounted for 43% while the northern and southern parts accounted for 34% and 22% respectively.
- By city, new COVID-19 case rates range from 209.3 per 100,000 persons (Chattahoochee Hills) to 640.0 per 100,000 persons (Mountain Park). **[Fulton County Diagnoses Rates (per 100,000 persons): Cumulative – 6587.6; Incidence –310.6]**. 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, 4.4% required hospitalization and 1.1% died.**
- Of all testing done in Fulton County between February 1 and February 14, **the percent positivity rate was 7.6%.**

Fig 1. Daily and Cumulative COVID-19 cases in Fulton County, GA
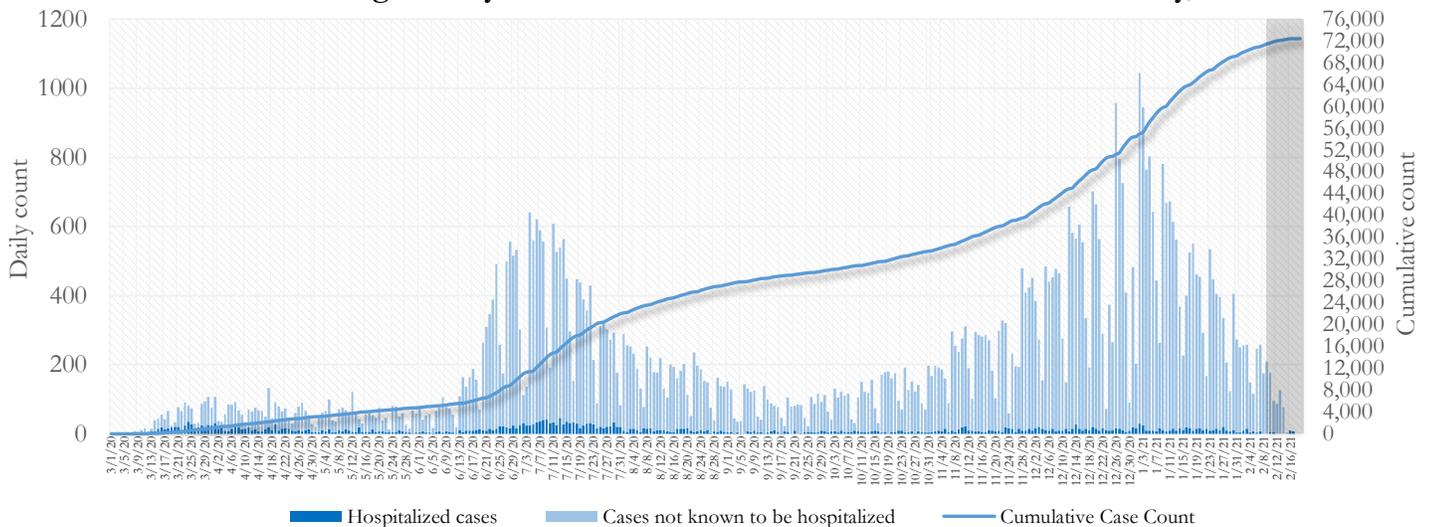
*Counts shown reflect the number of confirmed cases as of 5:30 pm on 2/18/21 using the date of first positive sample collection. Where date of sample collection was not available or missing, the date of report creation in GA SENDSS was used instead. **Note:** Delays in data reporting may cause changes 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: 42% of the new COVID-19 cases in the past 2 weeks occurred in Atlanta while 33% and 22% occurred in the Northern and Southern regions of the county respectively.

Fulton Region	% Cumulative count	% New cases*
Atlanta	42.4%	42.4%
North[1]	34.2%	33.1%
South[2]	19.6%	22.0%
Unincorporated/Unknown	3.8%	2.5%

[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 1/30/21 – 2/12/21).
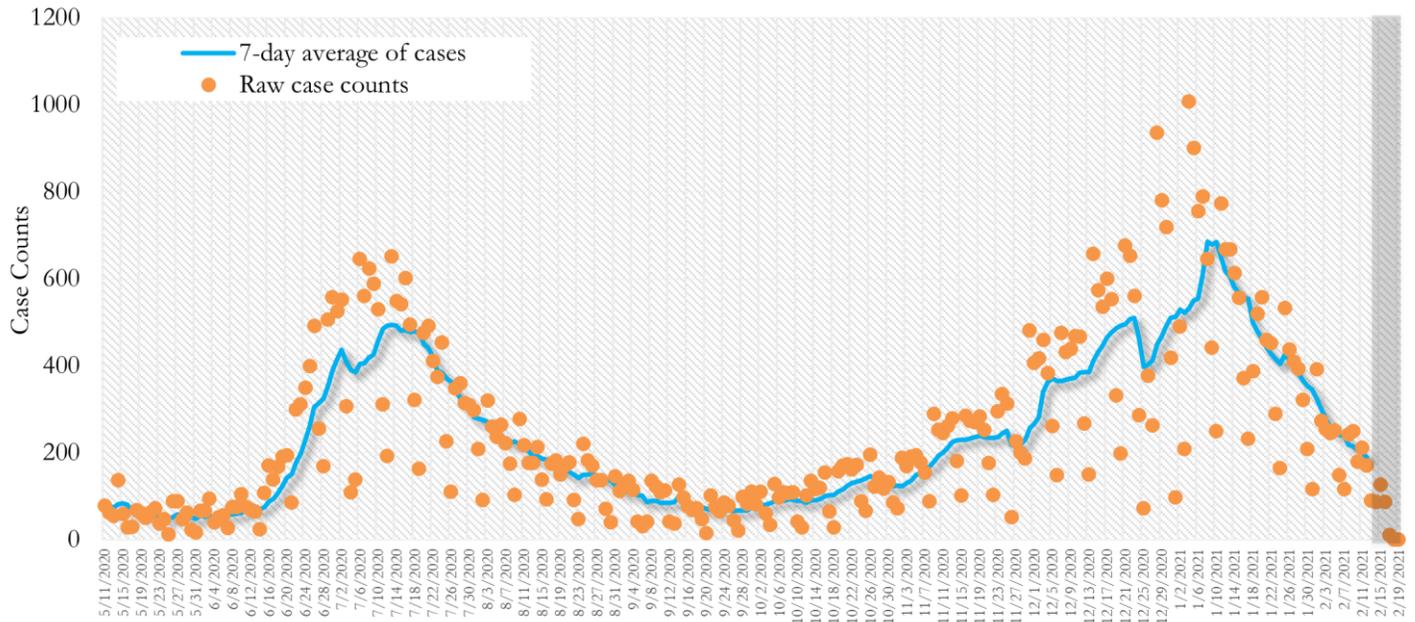
In the recent two week reporting period (1/30-2/12), there were fewer new cases of COVID-19 in Fulton County than the previous two weeks (1/16-1/29).
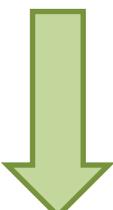
*Delayed a week to account for testing results turnaround time.*

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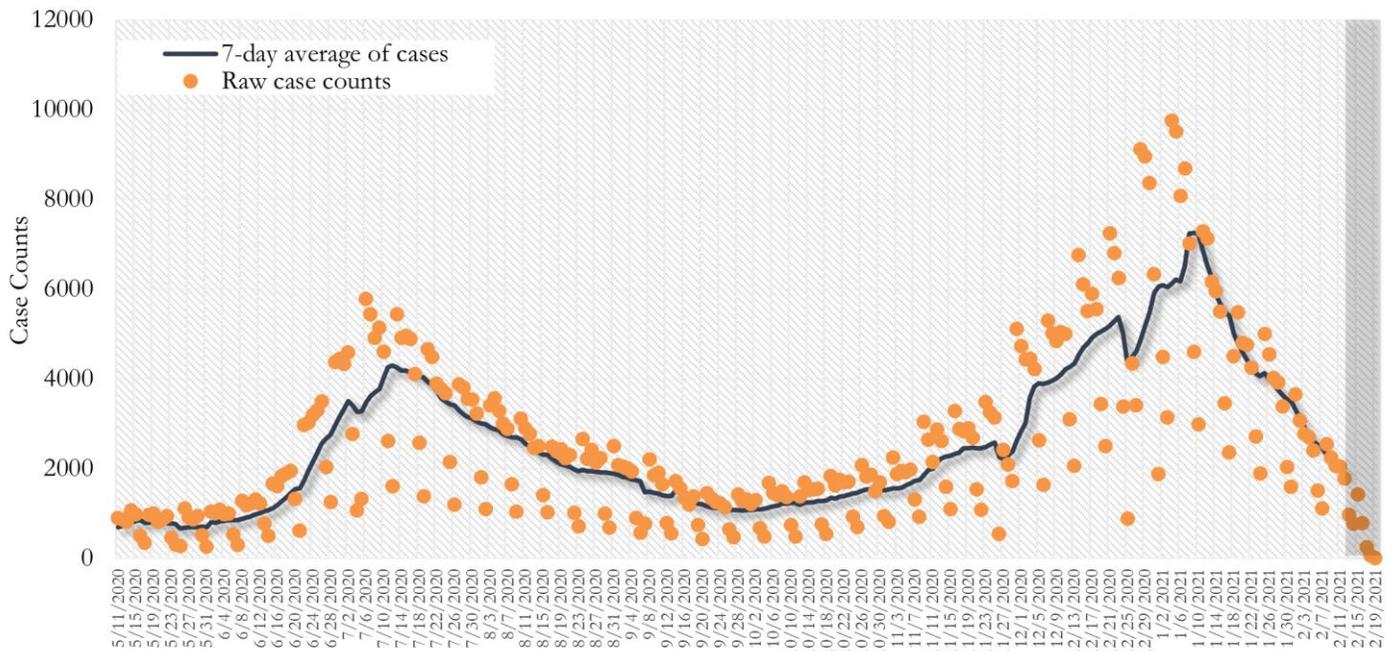
Date of collection of first positive sample used (report creation date used where sample collection date is missing). Graph above reflects the trend in COVID-19 diagnosis. Due to the high volume of testing in recent weeks, there have been delays in reporting lab results. Thus, the trend is subject to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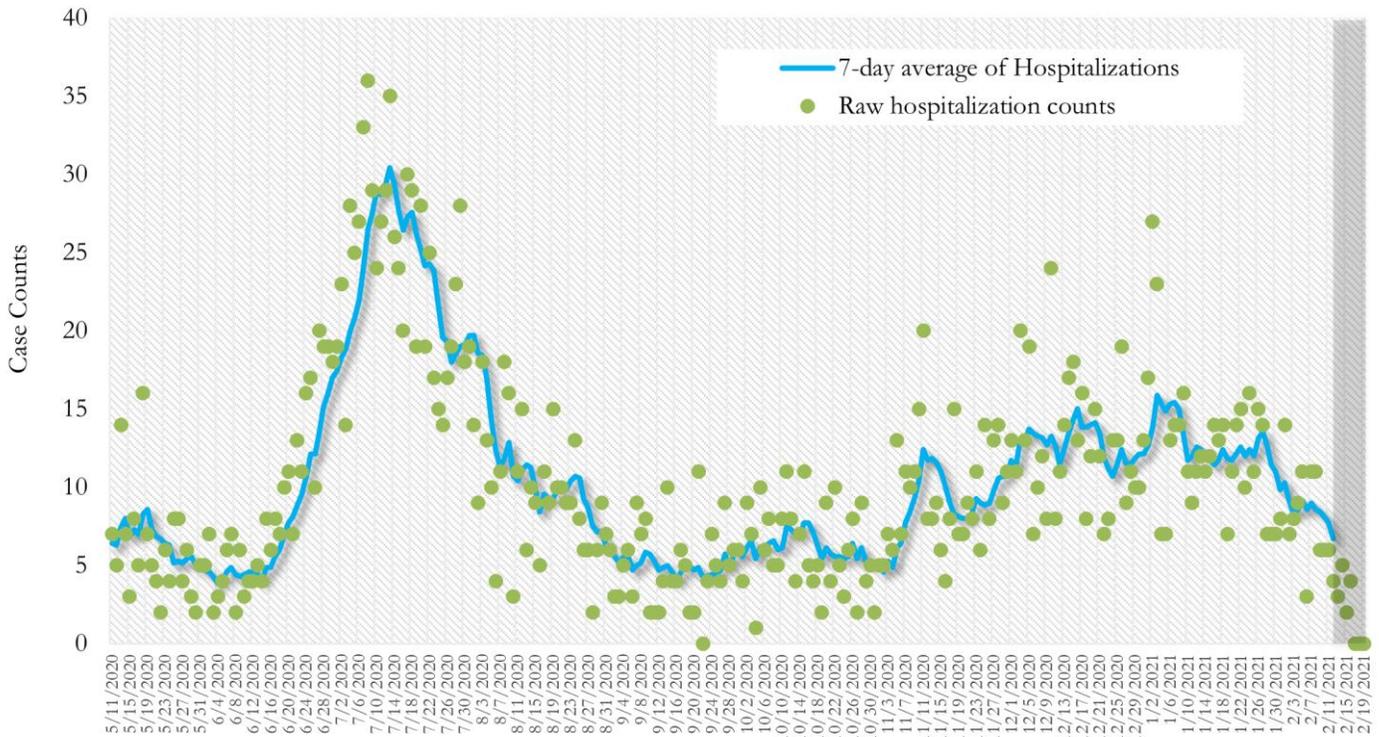
*Reported date of hospital admission used. Graph above reflects the trend in COVID-19 hospitalizations. Due to the high volume of new cases being added daily, there have been delays in reporting hospitalization data. Thus, the trend is likely to change as more hospitalization data is reported in the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

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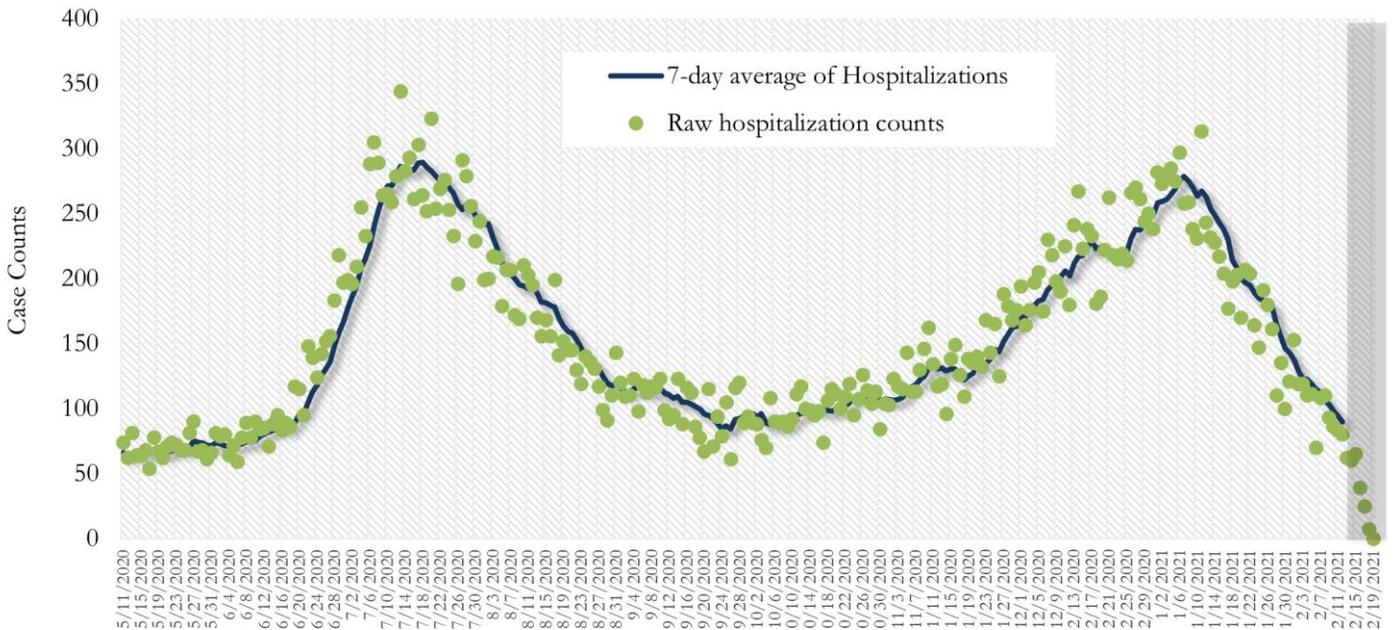

*Reported date of hospital admission used. Graph above reflects the trend in COVID-19 hospitalizations. Due to the high volume of new cases being added daily, there have been delays in reporting hospitalization data. Thus, the trend is likely to change as more hospitalization data is reported in the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

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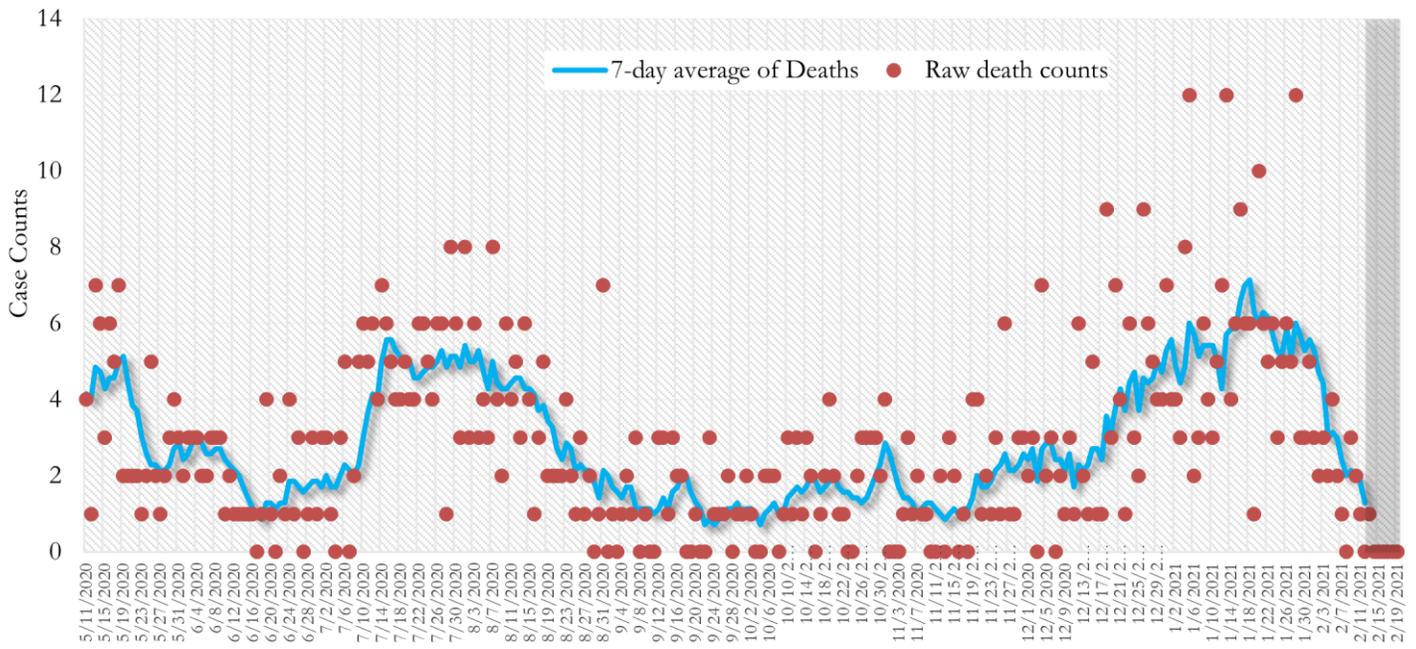
*Reported date of death used. Graph above reflects the trend in deaths attributed to COVID-19. The trend is likely to change as more data on deaths among persons with COVID-19 is reported in the state surveillance database.

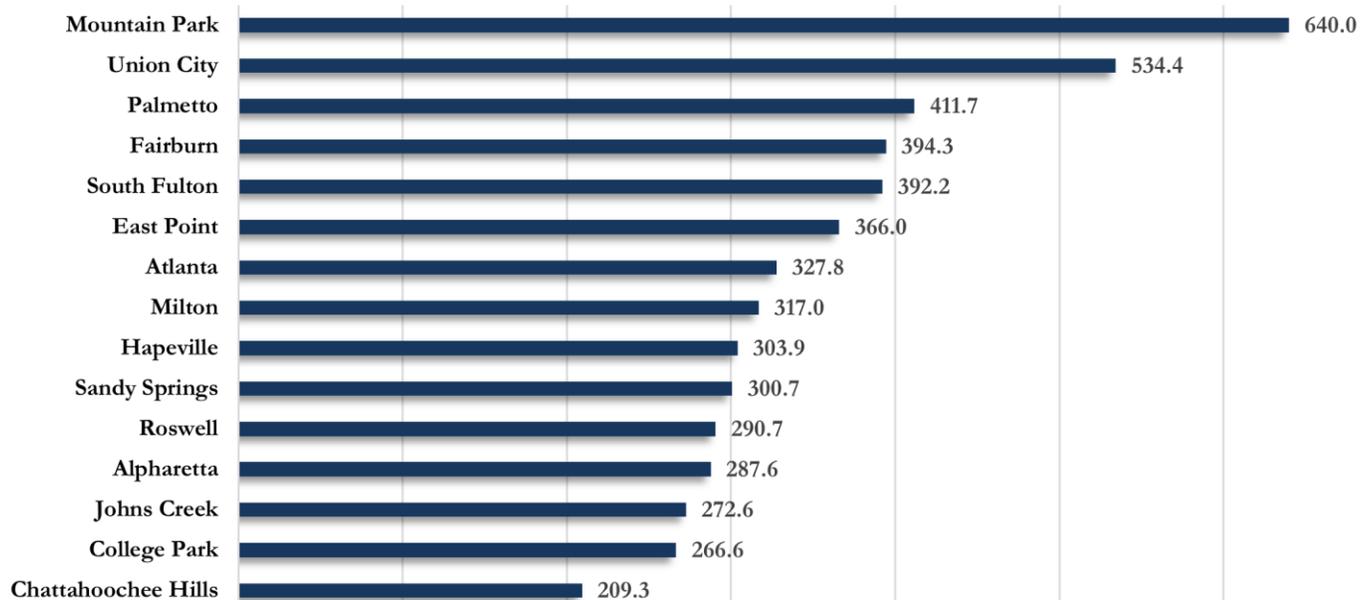**Fig. 7. COVID-19 Deaths in Georgia State Daily (Averaged over 7 days)**
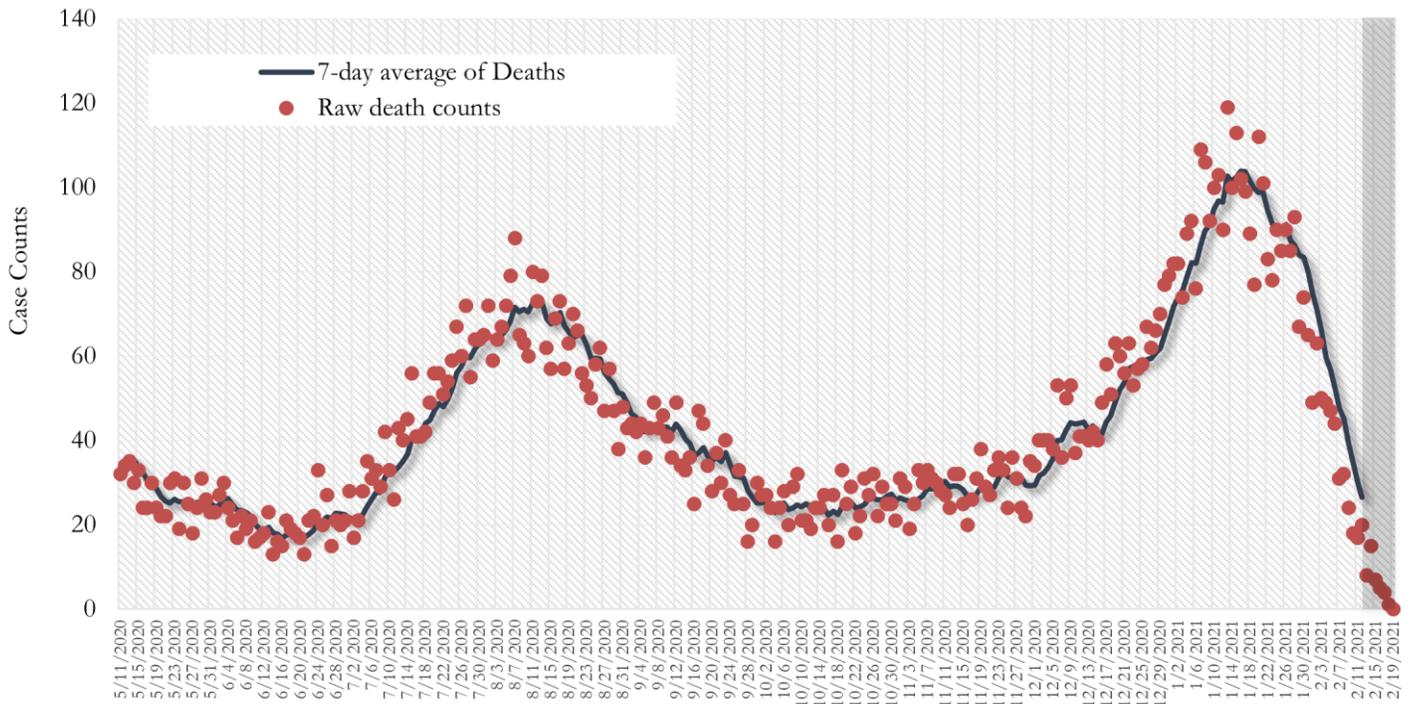
*Reported date of death used. Graph above reflects the trend in deaths attributed to COVID-19. The trend is likely to change as more data on deaths among persons with COVID-19 is reported in the state surveillance database.

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]
	1/30-2/12	*1/16-1/29*		
Alpharetta	186	308	↓ 39.6%	287.6
Atlanta	1446	2365	↓ 38.9%	327.8
Chattahoochee Hills	<10	17	↓ 64.7%	209.3
College Park	37	55	↓ 32.7%	266.6
East Point	128	170	↓ 24.7%	366.0
Fairburn	58	111	↓ 47.7%	394.3
Hapeville	20	33	↓ 39.4%	303.9
Johns Creek	228	464	↓ 50.9%	272.6
Milton	121	191	↓ 36.6%	317.0
Mountain Park	<10	<10	↑ 33.3%	640.0[4]
Palmetto	18	43	↓ 58.1%	411.7
Roswell	274	525	↓ 47.8%	290.7
Sandy Springs	317	630	↓ 49.7%	300.7
South Fulton	373	611	↓ 39.0%	392.2
Union City	112	189	↓ 40.7%	534.4
Unknown	84	77	-	-

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

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

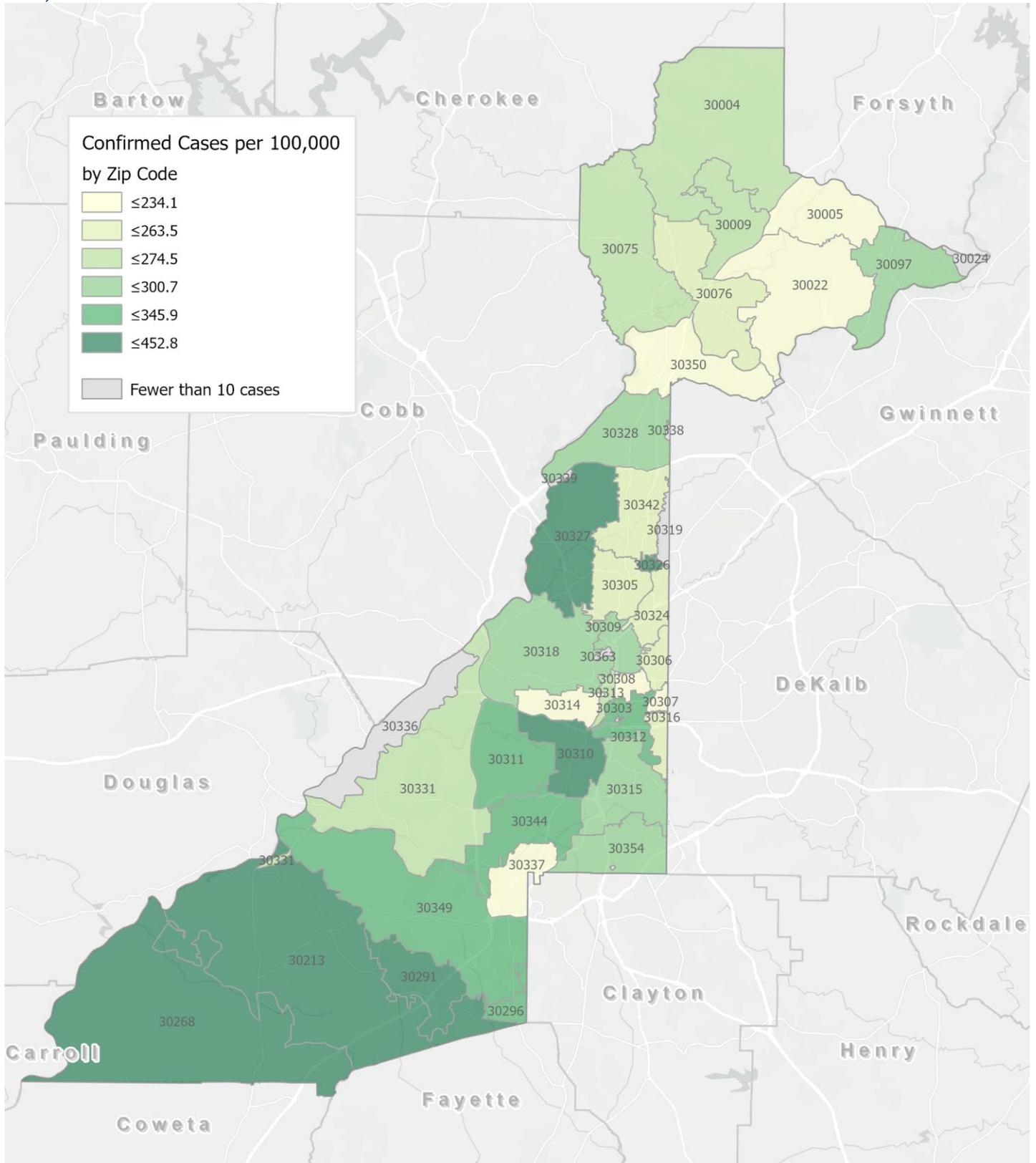| City	Incidence Rate
Mountain Park	640.0
Union City	534.4
Palmetto	411.7
Fairburn	394.3
South Fulton	392.2
East Point	366.0
Atlanta	327.8
Milton	317.0
Hapeville	303.9
Sandy Springs	300.7
Roswell	290.7
Alpharetta	287.6
Johns Creek	272.6
College Park	266.6
Chattahoochee Hills	209.3

*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 30 – February 12, 2021) in Fulton County
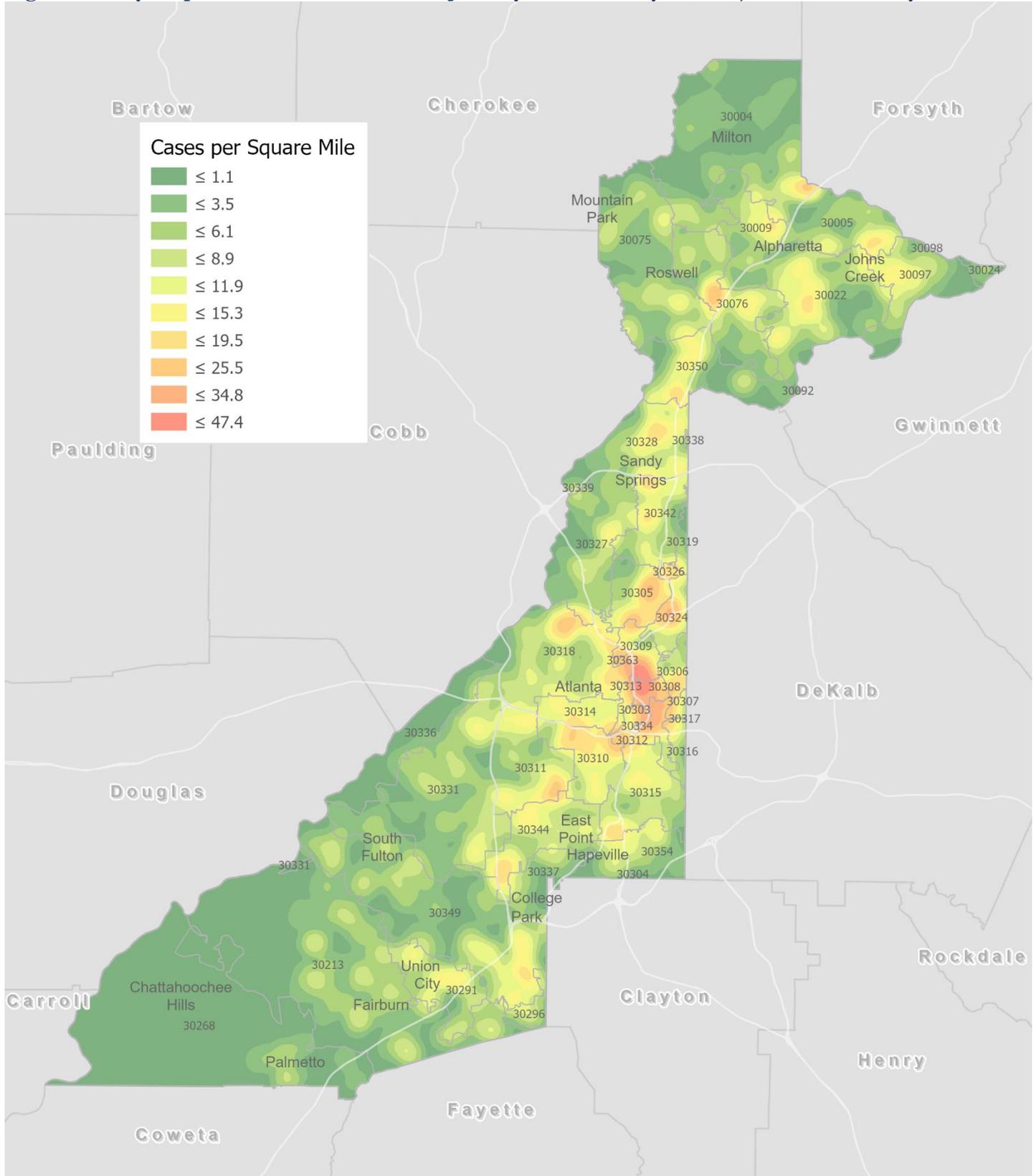
New COVID-19 cases: Cases diagnosed in most recent 14 days (based on reported dates of positive sample collection). To allow for lag in reporting results of positive cases from samples collected in the immediate past 7 days, data used for incident diagnoses analyses are moved back by one week. Map reflects new COVID-19 cases diagnosed between Jan 30th and Feb 12th, 2021 across Fulton County, excluding LTCF cases.

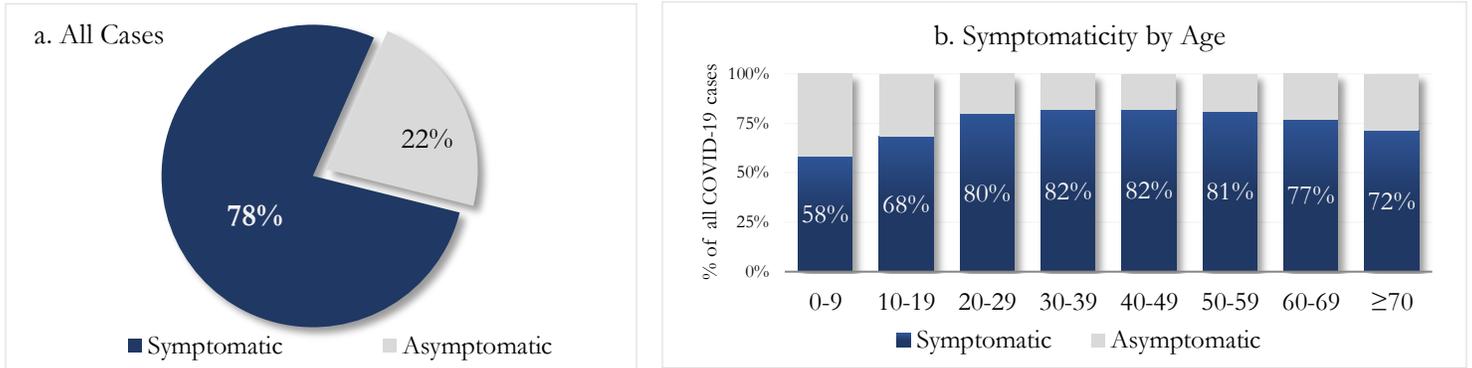**Fig. 10. New COVID-19 Diagnoses Rates (per 100,000 population) by Zip Code (January 30 – February 12, 2021)**

Confirmed Cases per 100,000 by Zip Code

- ≤234.1
- ≤263.5
- ≤274.5
- ≤300.7
- ≤345.9
- ≤452.8
- 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

b. Symptomaticity by Age

COVID-19 cases who have been case interviewed or had medical charts reviewed as of 2/18/21 only. n = 40,231

Fig 12. Total Proportion Reporting Symptoms in Fulton County Over Time
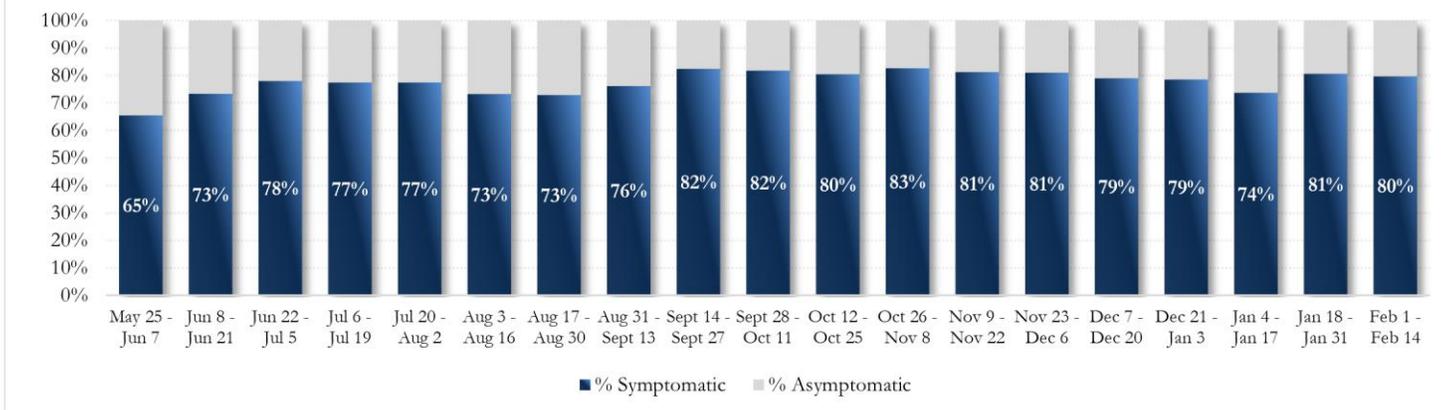
COVID-19 HOSPITALIZATIONS, ICU ADMISSIONS AND DEATHS IN FULTON

Fig. 13. Hospitalizations, ICU Admissions, Intubations, and Deaths among COVID-19 Cases in Fulton County since July 1, 2020
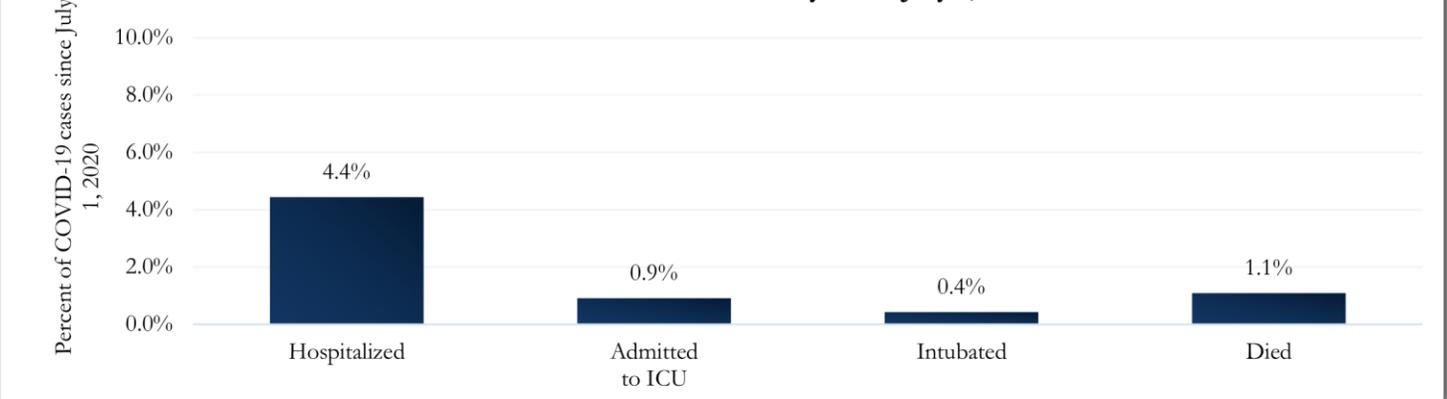
DEMOGRAPHIC DISTRIBUTIONS – COVID-19 CASES AND DEATHS

A. Distribution of COVID-19 cases by gender, age, and race in Fulton County by Fulton Region in the past 28 days (1/16-2/12)

	North Fulton Cities[1] Count (%)	Atlanta Count (%)	South Fulton Cities[2] Count (%)	Unknown City Count (%)	All Fulton Count (%)
Total COVID-19 cases	**3035**	**3597**	**1859**	**155**	**8646**
Gender: Female	1616 (53%)	1865 (52%)	1061 (57%)	82 (53%)	4624 (53%)
Male	1410 (46%)	1711 (48%)	791 (43%)	71 (46%)	3983 (46%)
Unknown*	<10	21 (1%)	<10	<10	39 (0%)
Age: 0-9	173 (6%)	162 (5%)	86 (5%)	10 (6%)	431 (5%)
10-19	436 (14%)	294 (8%)	219 (12%)	20 (13%)	969 (11%)
20-29	464 (15%)	830 (23%)	266 (14%)	21 (14%)	1581 (18%)
30-39	471 (16%)	746 (21%)	337 (18%)	29 (19%)	1583 (18%)
40-49	519 (17%)	519 (14%)	306 (16%)	27 (17%)	1371 (16%)
50-59	474 (16%)	465 (13%)	306 (16%)	23 (15%)	1268 (15%)
60-69	266 (9%)	302 (8%)	188 (10%)	14 (9%)	770 (9%)
≥70	231 (8%)	270 (8%)	150 (8%)	11 (7%)	662 (8%)
Unknown*	<10	<10	<10	<10	11 (0%)
Race: Asian, NH	274 (9%)	70 (2%)	17 (1%)	11 (7%)	372 (4%)
Black, NH	377 (12%)	1675 (47%)	1260 (68%)	43 (28%)	3355 (39%)
White, NH	1215 (40%)	814 (23%)	94 (5%)	32 (21%)	2155 (25%)
Hispanic	418 (14%)	173 (5%)	150 (8%)	21 (14%)	762 (9%)
Other, NH	314 (10%)	230 (6%)	66 (4%)	11 (7%)	621 (7%)
Unknown*	437 (14%)	635 (18%)	272 (15%)	37 (24%)	1381 (16%)

*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 (1/16 - 2/12)

	Count of New Deaths	% of New Deaths
Total COVID-19 deaths	**33**	
Gender: Female	18	55%
Male	15	45%
Unknown	<10	<1%
Age: ≤ 29	<10	<1%
30-39	<10	<1%
40-49	<10	9%
50-59	<10	6%
60-69	10	30%
≥70	18	55%
Unknown	<10	<1%
Race: Asian, NH	<10	3%
Black, NH	18	55%
White, NH	12	36%
Hispanic	<10	6%
Other, NH	<10	<1%
Unknown	<10	<1%

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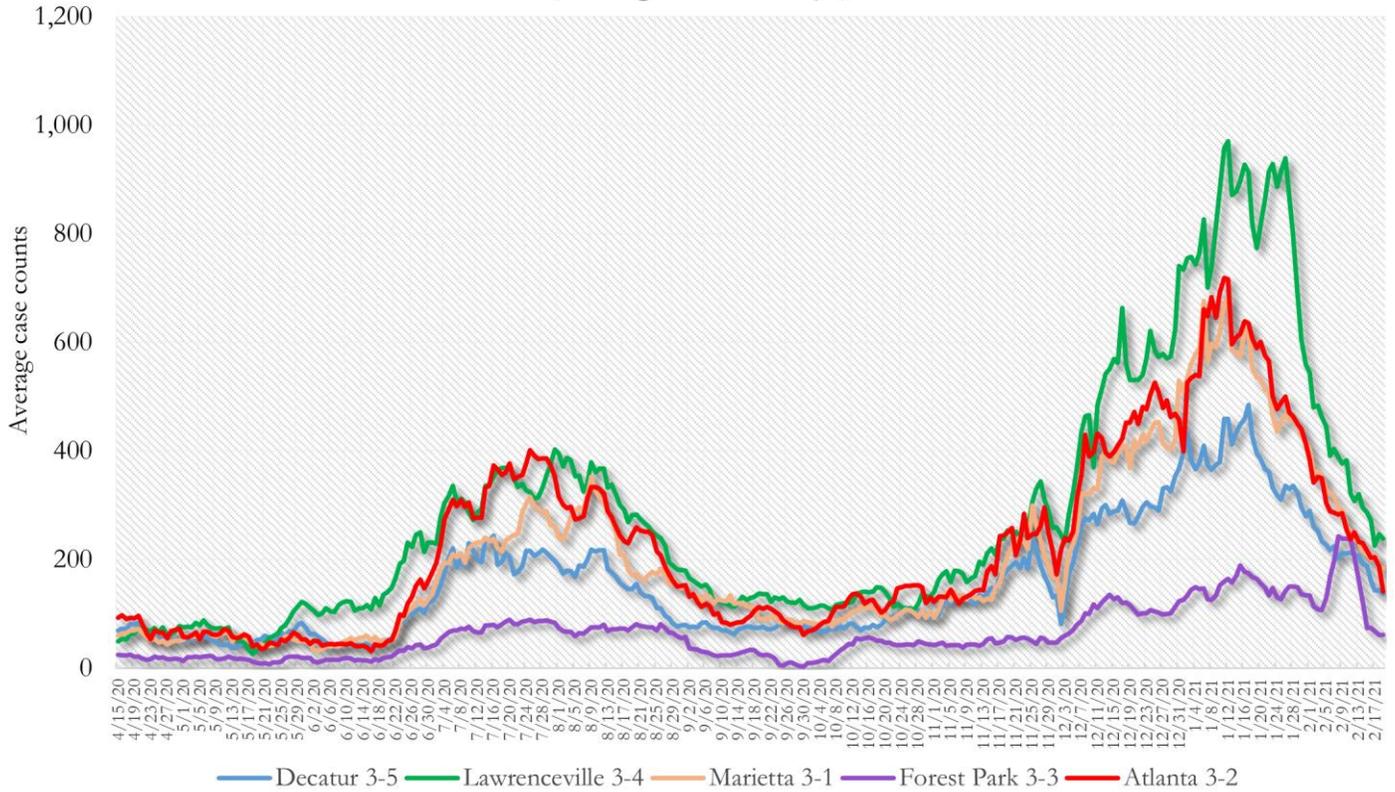
Graph shows the average number of cases calculated from the daily cumulative case counts in the metro Atlanta districts. Increases in daily cumulative case counts may include cases diagnosed earlier during the pandemic but were only recently reported to the state as cases diagnosed belonging to these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

Fig. 15. COVID-19 Cases in Fulton County and Surrounding Districts (January 30 – February 12, 2021)
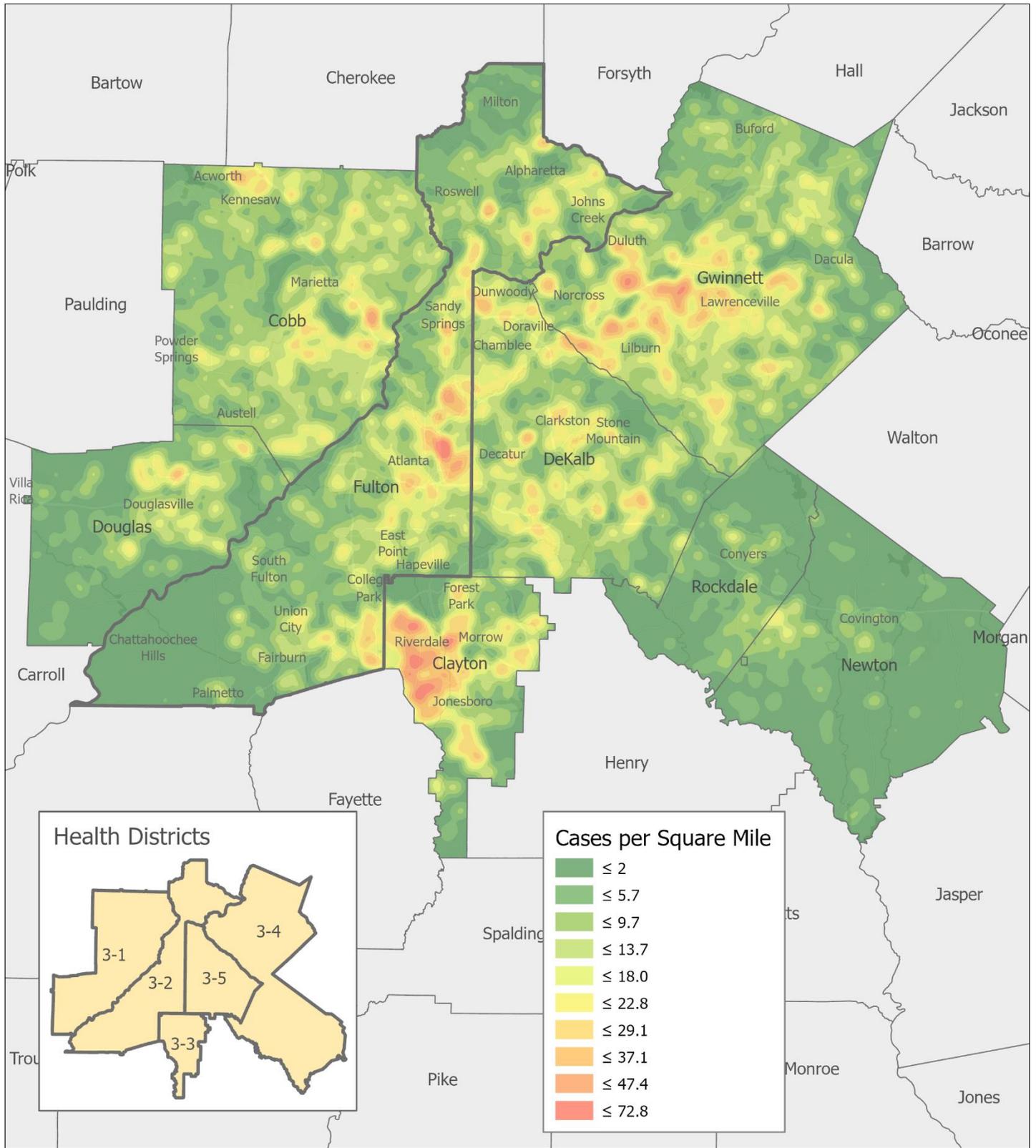
COVID-19 NEW CASE[1] COUNTS BY ZIP CODE

Zip Code	Recent 14-day reporting period *(1/30 – 2/12)*	Previous 14-day reporting period *(1/16– 1/29)*	% Change between reporting periods[2]
All Fulton	**3414**	**5794**	**↓ 41.1%**
30004	156	240	↓ 35.0%
30005	92	144	↓ 36.1%
30009	56	97	↓ 42.3%
30022	178	399	↓ 55.4%
30023	<10	0	-
30024	<10	<10	-
30075	135	227	↓ 40.5%
30076	134	250	↓ 46.4%
30080	0	0	-
30097	86	138	↓ 37.7%
30098	0	0	-
30135	0	0	-
30138	0	0	-
30139	0	0	-
30213	157	249	↓ 36.9%
30268	31	58	↓ 46.6%
30291	106	196	↓ 45.9%
30296	17	30	↓ 43.3%
30301	<10	<10	-
30303	22	32	↓ 31.3%
30305	77	183	↓ 57.9%
30306	38	68	↓ 44.1%
30307	13	28	↓ 53.6%
30308	53	95	↓ 44.2%
30309	94	158	↓ 40.5%
30310	108	160	↓ 32.5%
30311	129	195	↓ 33.8%
30312	91	155	↓ 41.3%
30313	35	39	↓ 10.3%
30314	59	96	↓ 38.5%
30315	116	158	↓ 26.6%
30316	31	57	↓ 45.6%
30318	210	332	↓ 36.7%
30319	15	22	↓ 31.8%
30321	<10	<10	-
30324	74	96	↓ 22.9%
30326	19	26	↓ 26.9%
30327	102	152	↓ 32.9%
30328	111	222	↓ 50.0%
30331	184	323	↓ 43.0%
30334	0	<10	↓ 100.0%
30336	<10	<10	-
30337	28	53	↓ 47.2%

Zip Code	Recent 14-day reporting period *(1/30– 2/12)*	Previous 14-day reporting period *(1/16– 1/29)*	% Change between reporting periods
30338	<10	<10	-
30339	14	<10	↑ 600.0%
30340	0	0	-
30341	0	0	-
30342	105	227	↓ 53.7%
30344	124	155	↓ 20.0%
30345	0	0	-
30349	223	351	↓ 36.5%
30350	99	205	↓ 51.7%
30354	54	94	↓ 42.6%
30358	0	<10	↓ 100.0%
30363	<10	17	↓ 52.9%
30374	0	<10	↓ 100.0%
30606	0	0	-
31131	0	0	-
31150	0	<10	↓ 100.0%
Unknown	15	37	-

[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*

# The following data are updated every two weeks.

Last updated 2/16/2021

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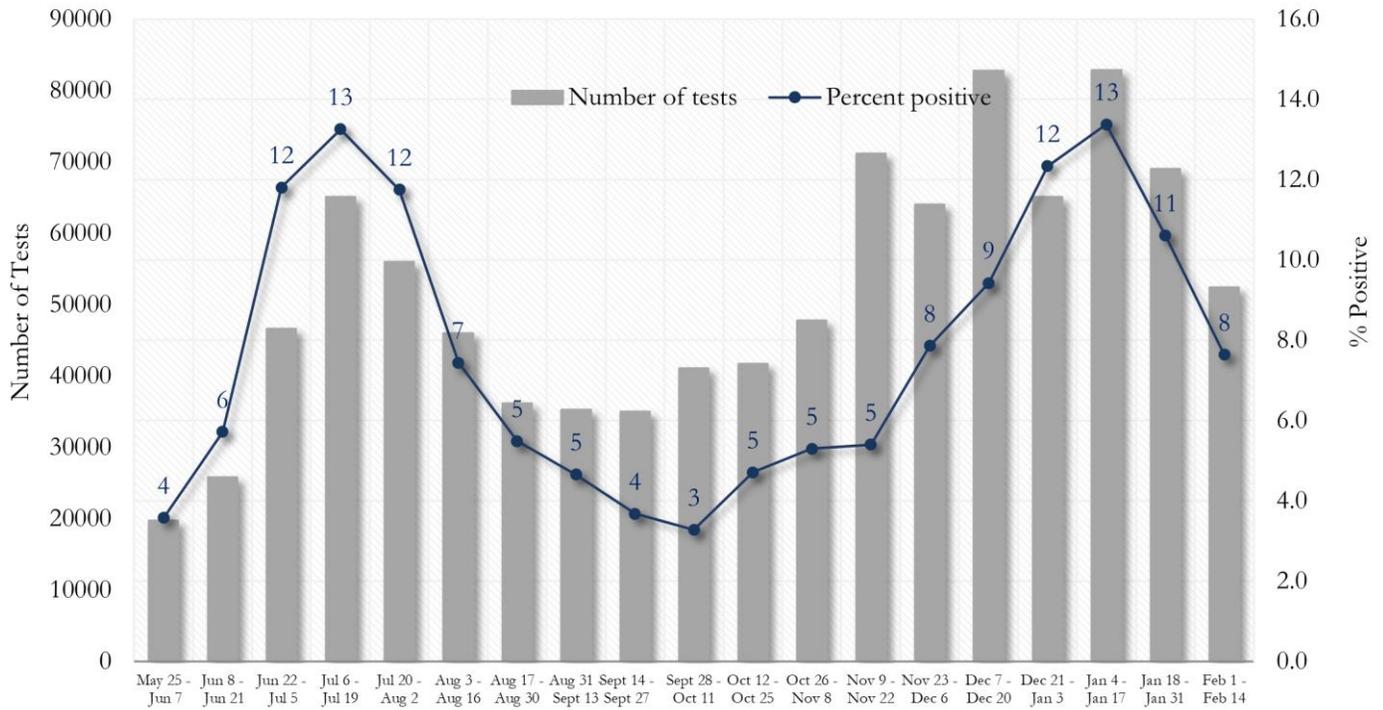
*Data on Polymerase Chain Reaction (PCR) tests only included.

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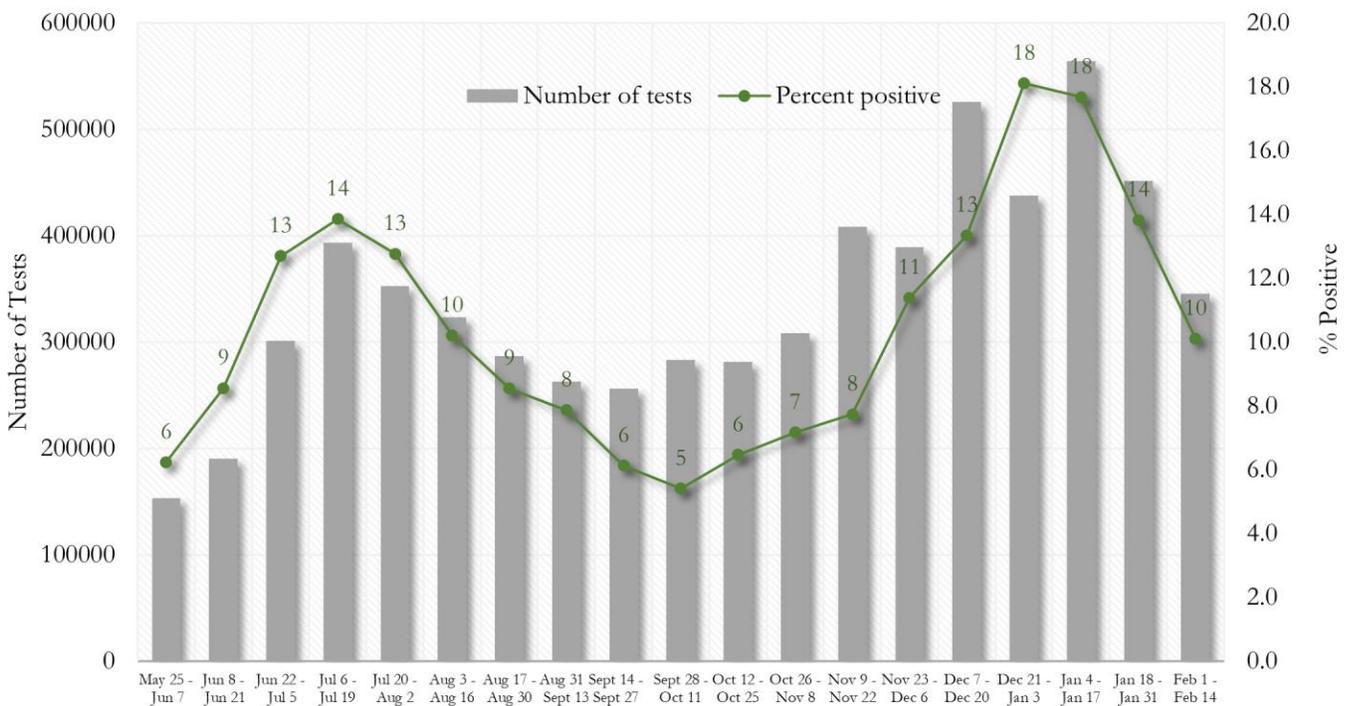
*Data on Polymerase Chain Reaction (PCR) tests only included.

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
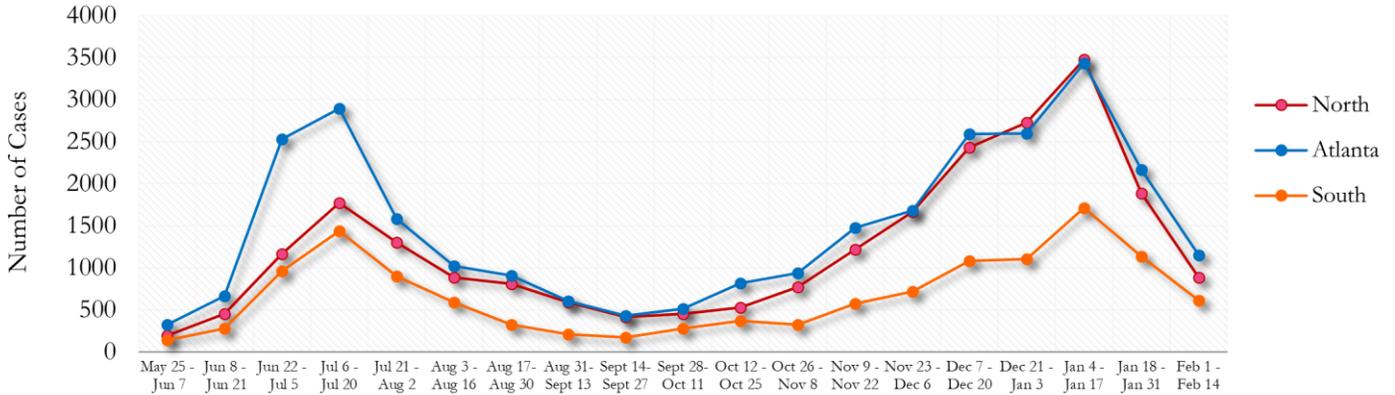
In the past two weeks, the city of Atlanta and the Northern region have accounted for almost equal amounts of new cases.
*North -Includes all Fulton cities north of Atlanta (Alpharetta, Johns Creek, Milton, Mountain Park, Roswell, Sandy Springs)
*South - Includes all Fulton cities south of Atlanta (Chattahoochee Hills, College Park, East Point, Fairburn, Hapeville, Palmetto, South Fulton, and Union City)

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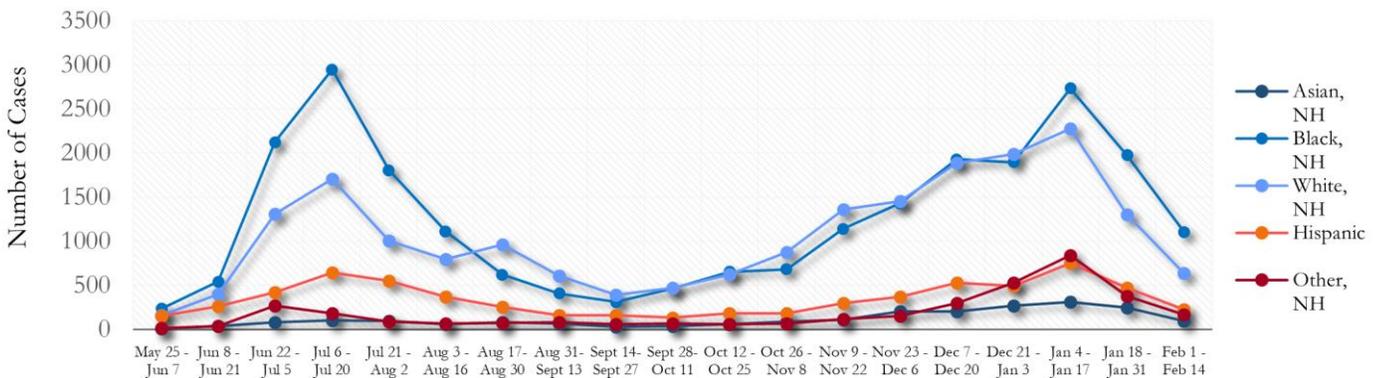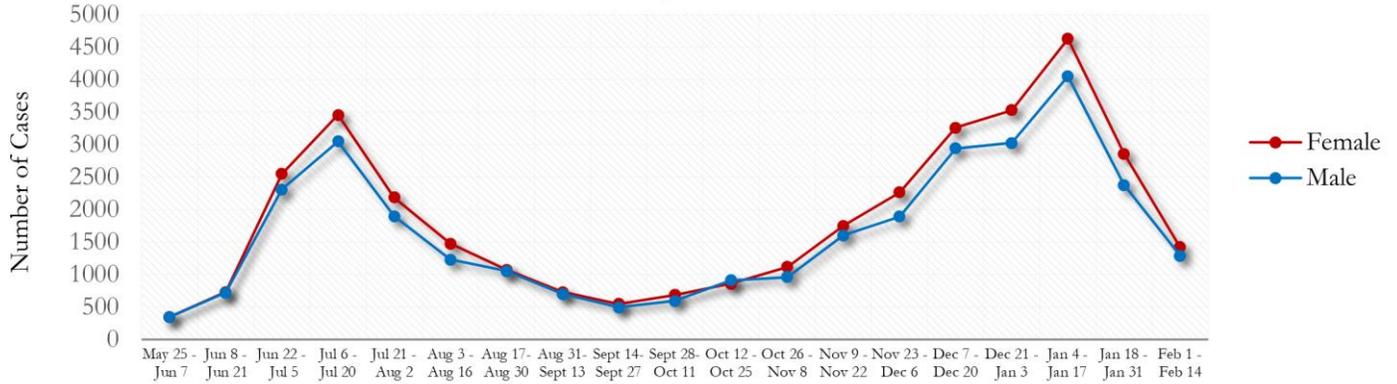

Fig. 20. Racial Distribution of COVID-19 Cases in Fulton County by 14-day periods
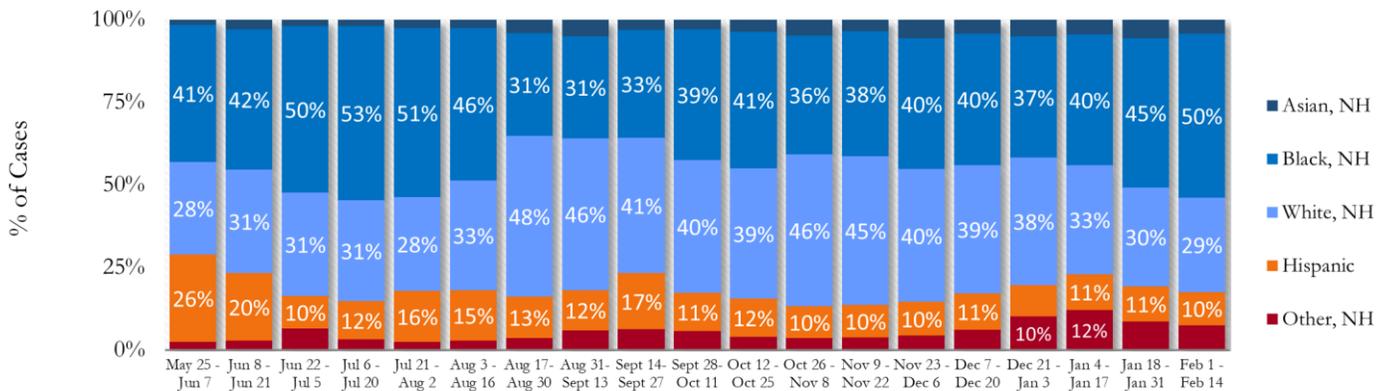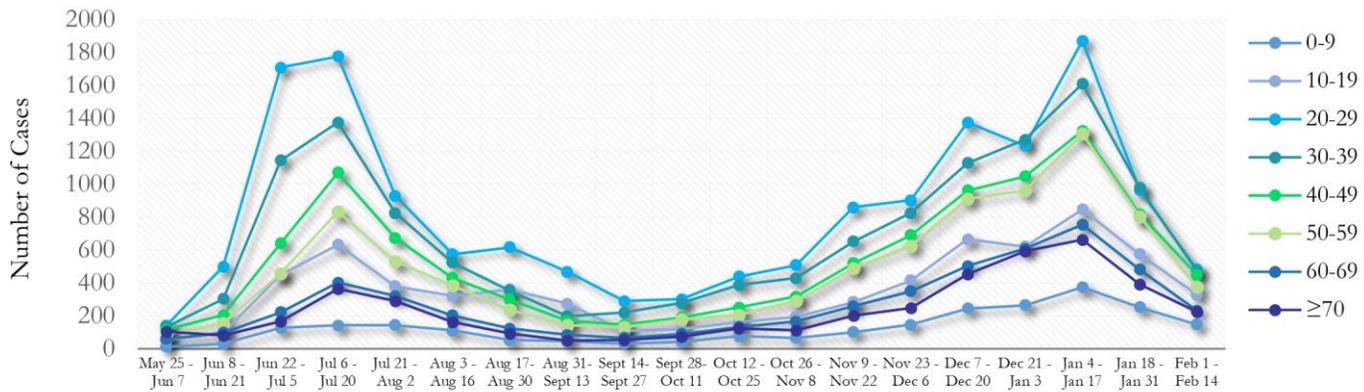

About 16% of all Fulton County COVID cases are missing data on patient race and ethnicity and in the past two weeks, about 18% of cases are missing this data.

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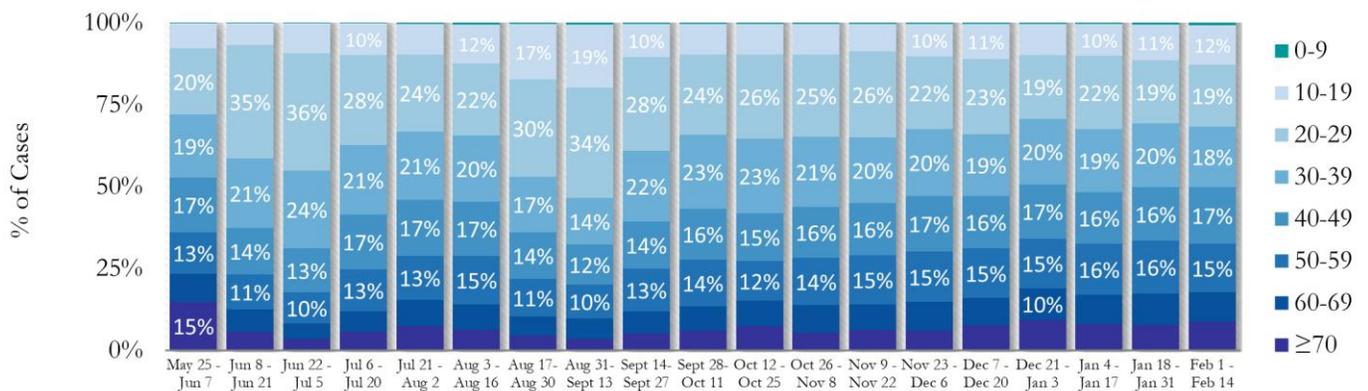

Fig. 22. Trends in Age Distribution of COVID-19 Cases in Fulton County by 14-day periods

In the most recent two weeks, 20-29 year olds and 30-39 year olds accounted for the majority of new cases.
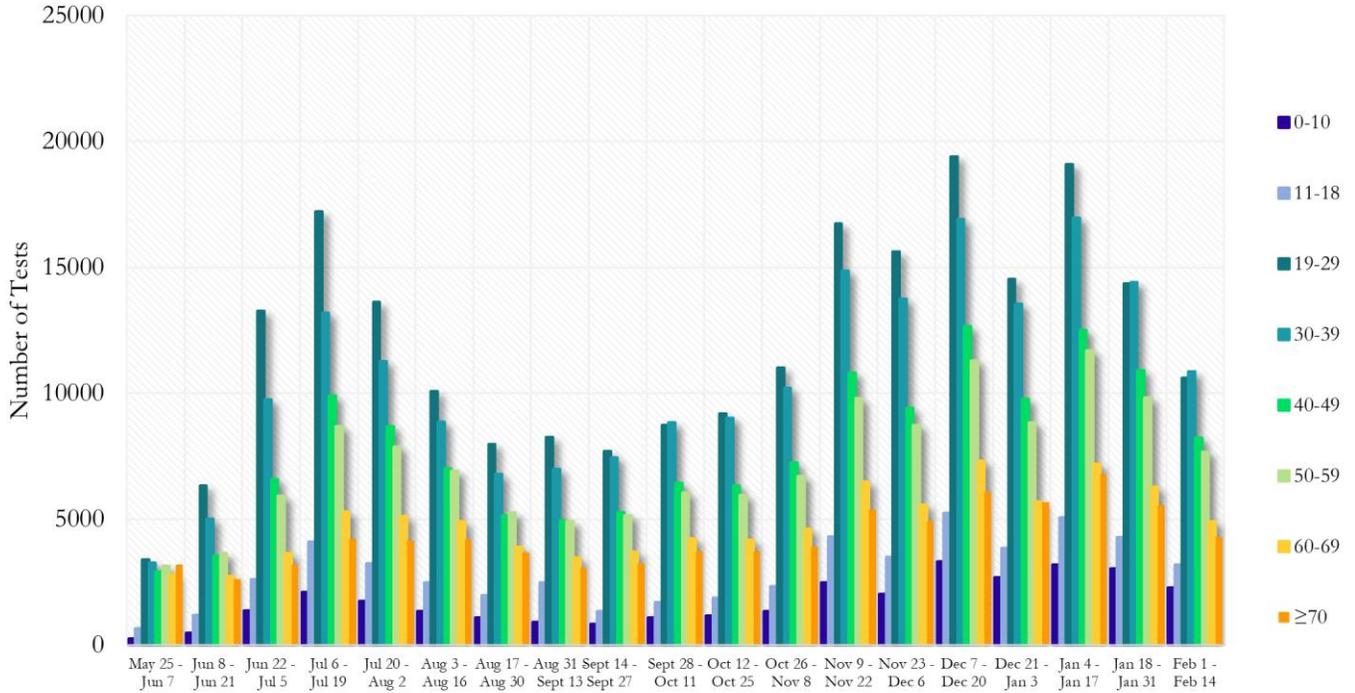
Fig. 23. Age Distribution of COVID-19 Cases in Fulton County by 14-day periods
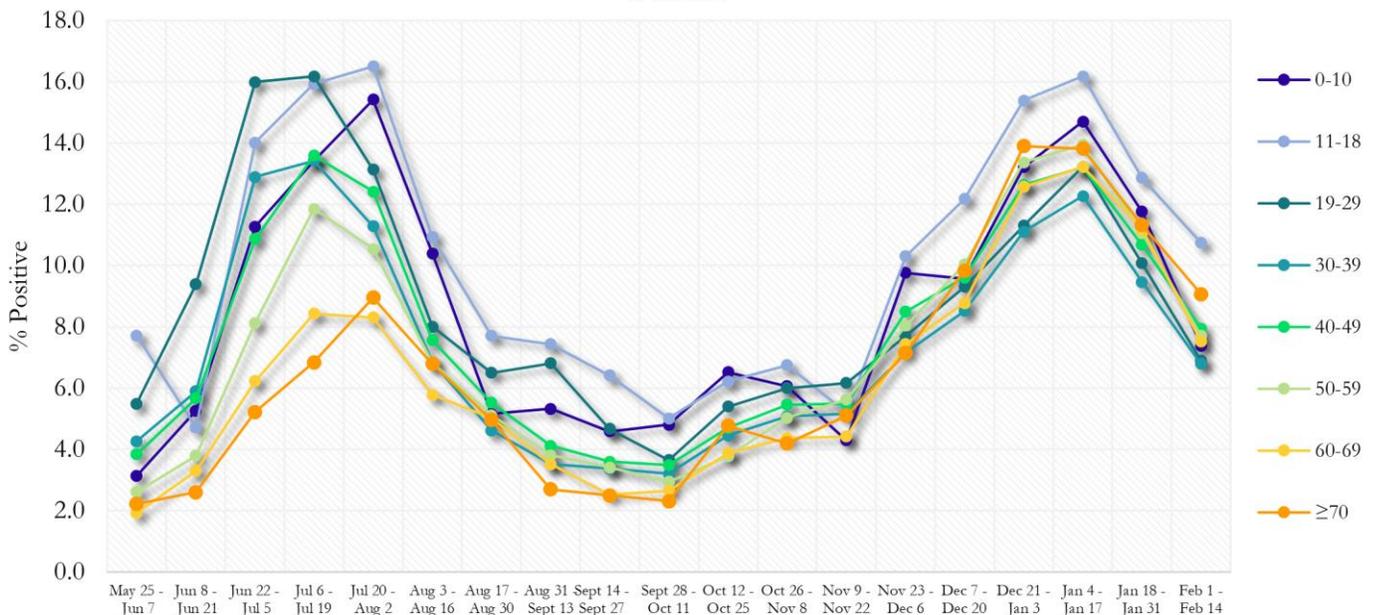

Value labels under 10% are not shown.

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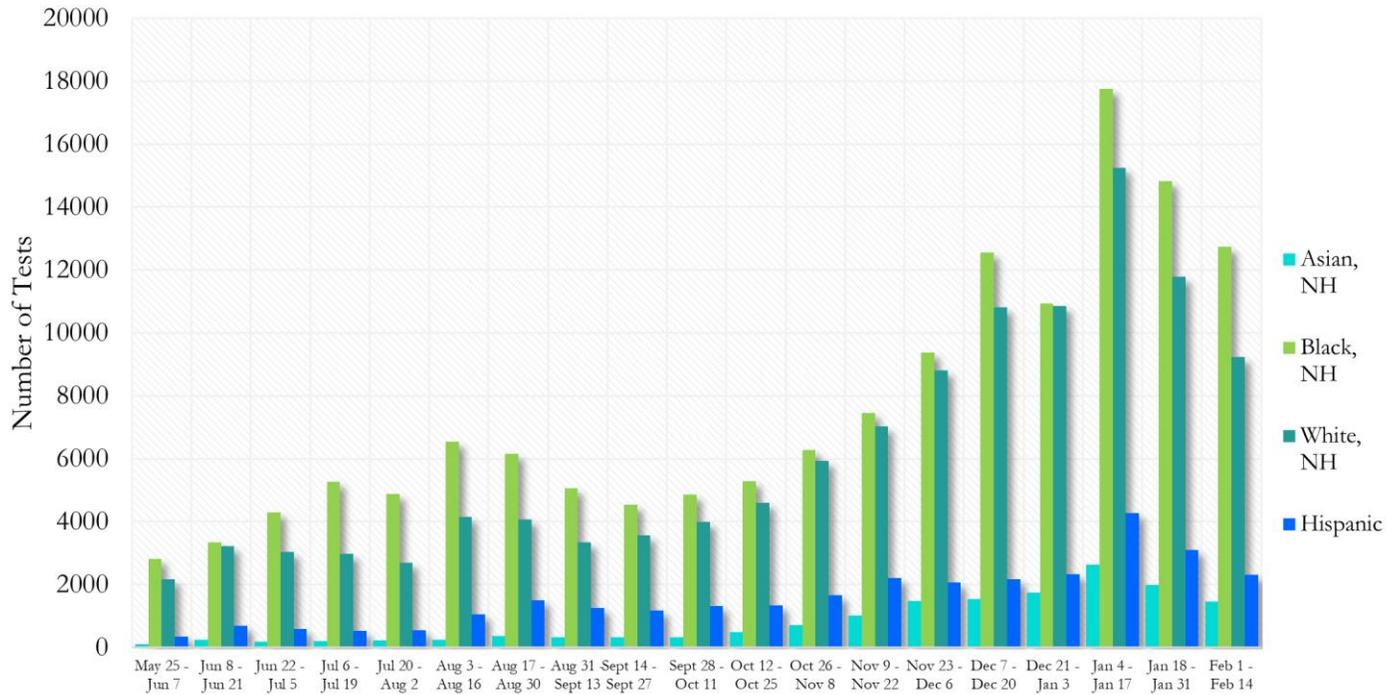
*Data on Polymerase Chain Reaction (PCR) tests only included.

Fig. 25. Percent Positive COVID-19 Tests by Age Group in Fulton County by 14-day Periods
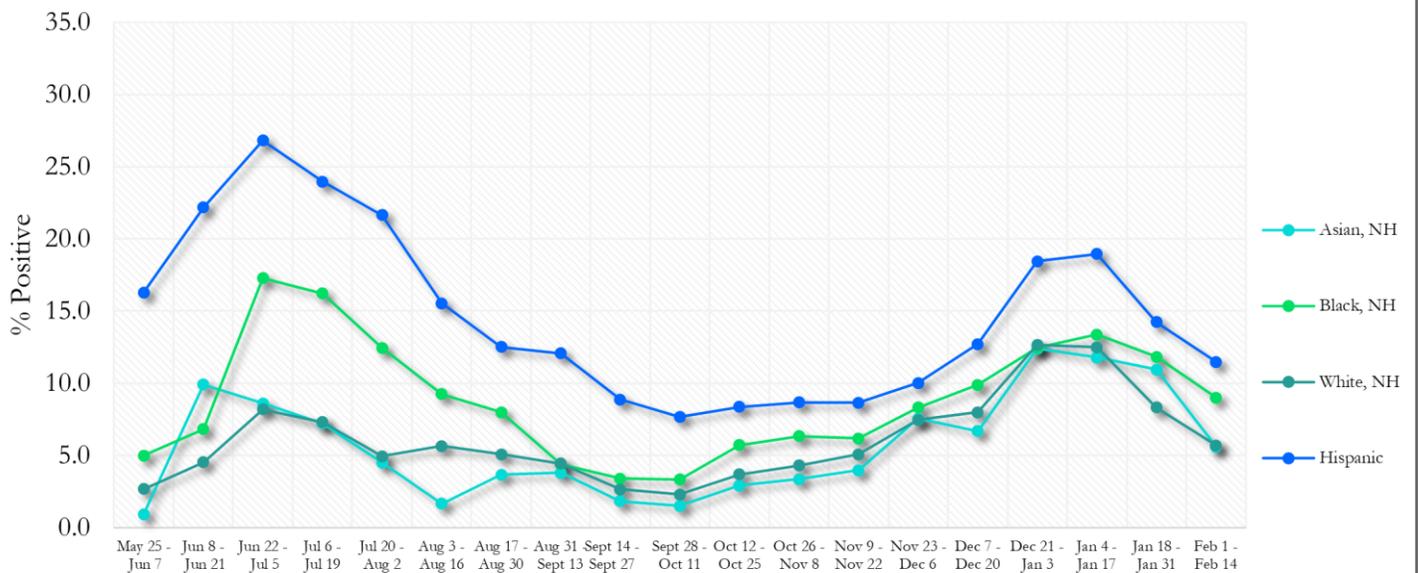
*Data on Polymerase Chain Reaction (PCR) tests only included.

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, 49% 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
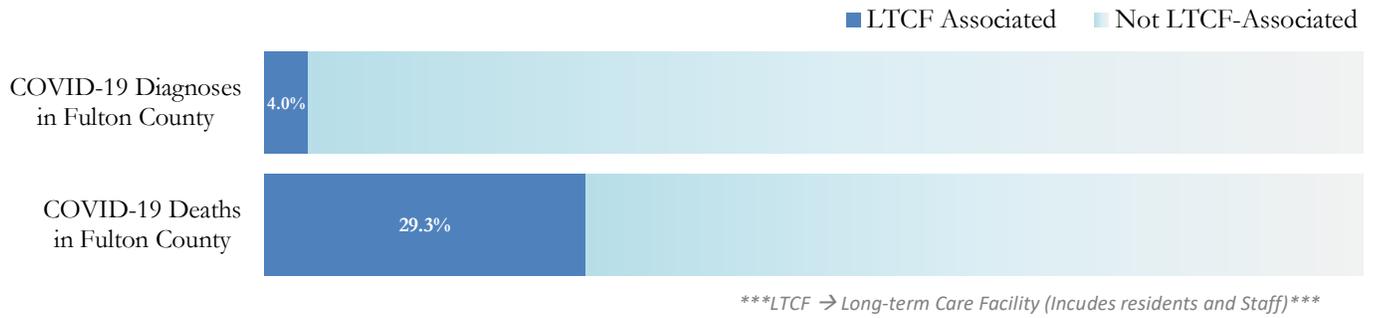
*Data on Polymerase Chain Reaction (PCR) tests only included.

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

■ LTCF Associated   ■ Not LTCF-Associated

COVID-19 Diagnoses in Fulton County — 4.0%

COVID-19 Deaths in Fulton County — 29.3%

LTCF → Long-term Care Facility (Incudes residents and Staff)

CURRENT COVID-19 POSITIVITY:

Fig. 28. Percentage of LTCF Residents with Current COVID-19 Infection

5%

■ Total Residents
■ 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 = 4,132