## SUMMARY

- As of October 19, 2021, Fulton County has recorded **110,213 confirmed cases** and **20,701 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 October 19, 2021, Fulton County has recorded **1,584 confirmed COVID-19 deaths.** 160 deaths are currently under review by GA DPH to confirm cause of death.
- By city, new confirmed COVID-19 case rates range from 117.2 per 100,000 persons (Johns Creek) to 262.4 per 100,000 persons (Union City). **[Fulton County Diagnoses Rates (per 100,000 persons): Cumulative –10026.8; Incidence – 162.2]**. See map showing incident case rate by ZIP code on Pg.7.
- Of all PCR testing done in Fulton County between Sept. 27 and Oct. 10, **the percent positivity rate was 5.2%.**

Fig 1. Daily and Cumulative Confirmed and Probable COVID-19 cases in Fulton County, GA
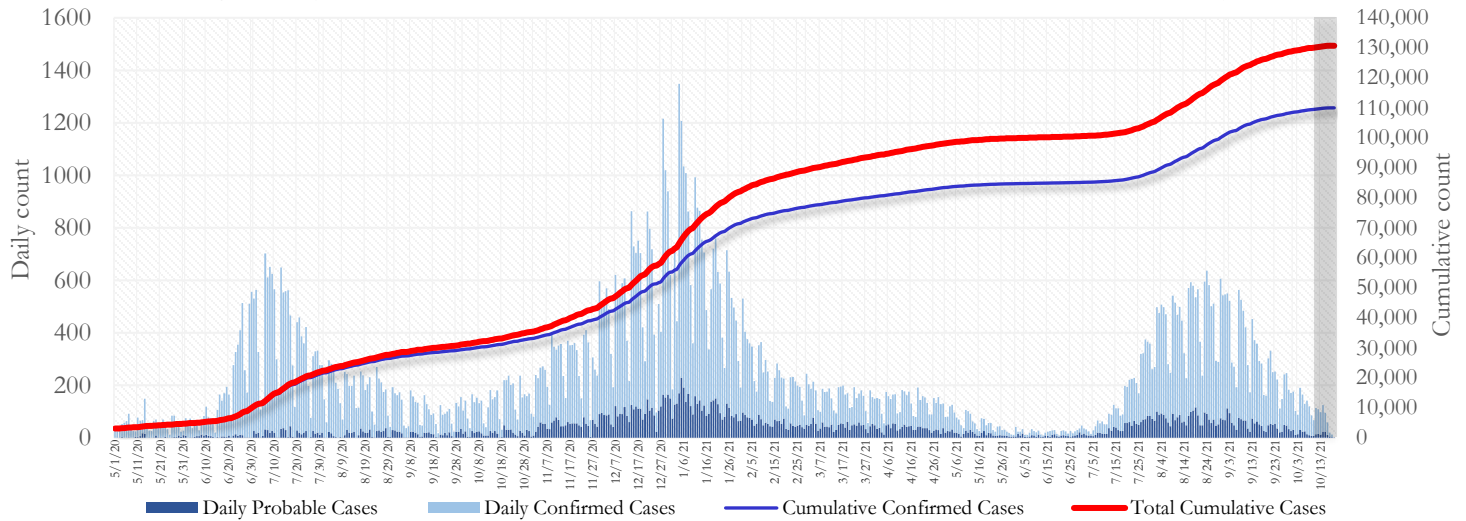
Counts shown reflect the number of cases as of 9:00 am on 10/19/21 using the date of first positive sample collection. Where date of sample collection was not available or missing, the date of report creation in GA SendSS was used instead. The Georgia Department of Health defines a confirmed cases as 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 27% and 24% occurred in the Northern and Southern regions of the county respectively.

Fulton Region	% Cumulative count	% New cases*
Atlanta	43.5%	46.6%
North[1]	31.7%	26.6%
South[2]	21.9%	23.9%
Unincorporated/Unknown	2.9%	2.9%

[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 9/29/21 – 10/12/21).*
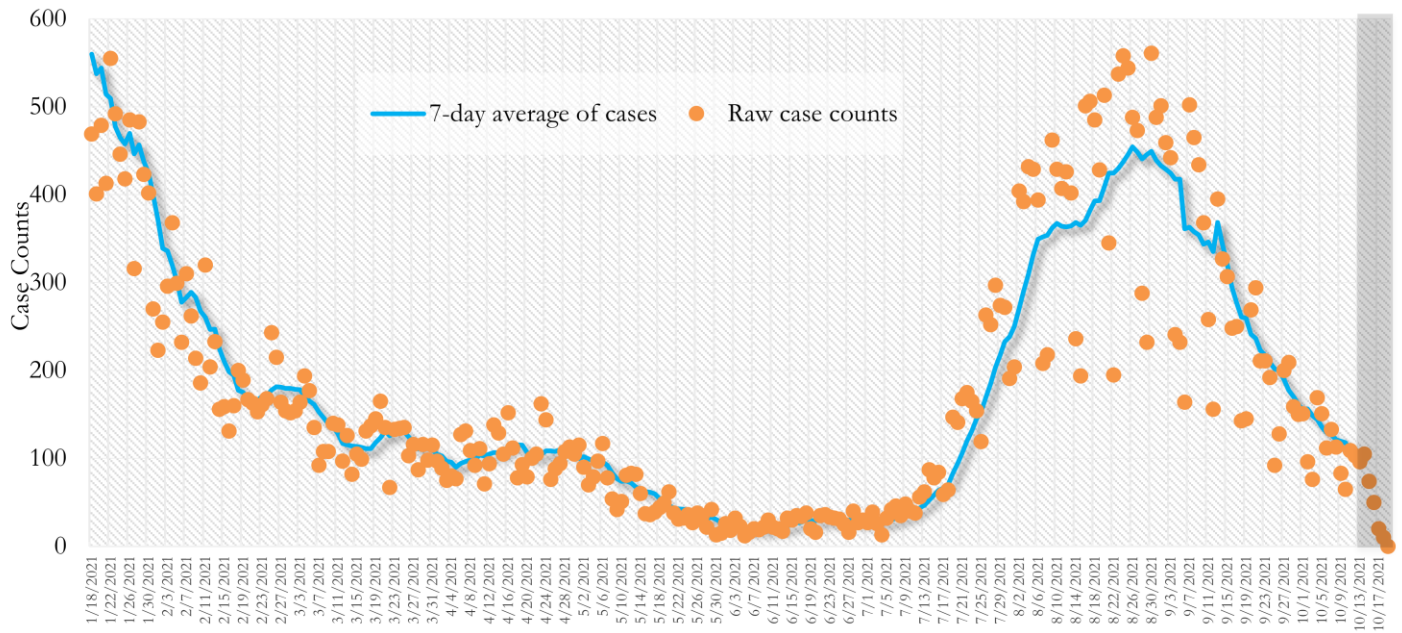
In the recent two week reporting period (9/29-10/12), there were fewer new cases of COVID-19 in Fulton County than the previous two weeks (9/15-9/28).

*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)
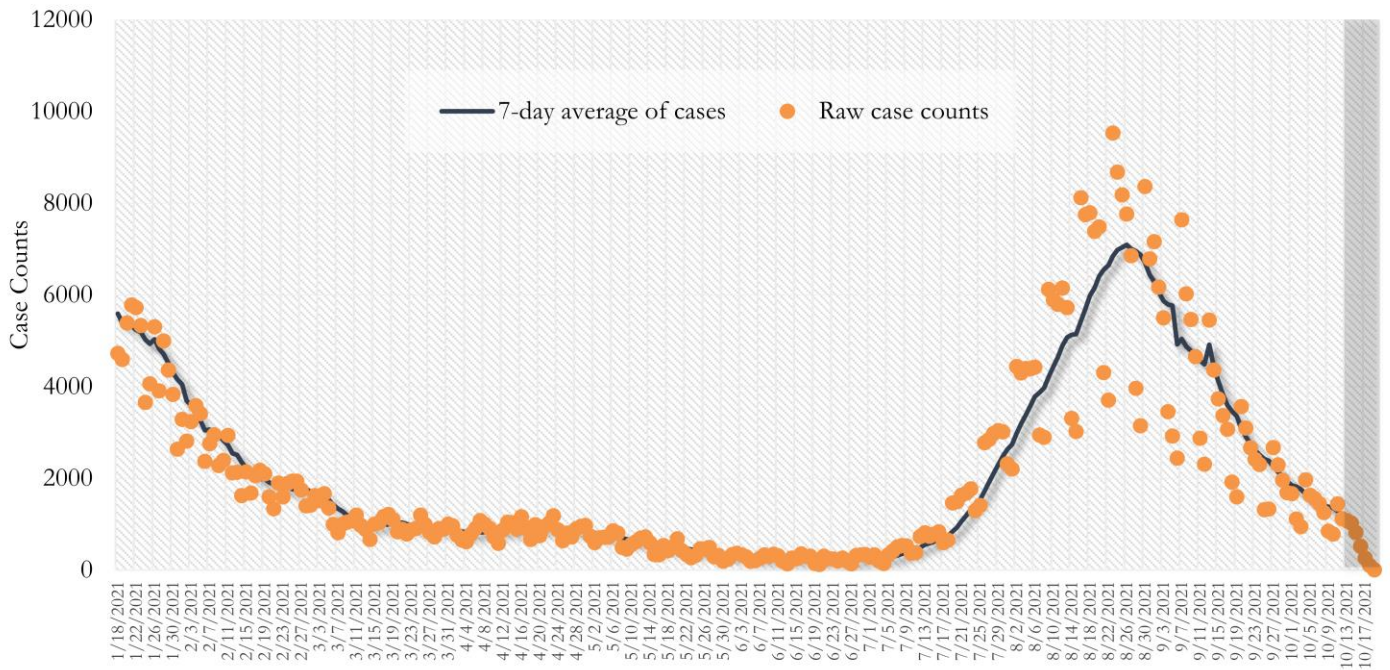
Date of collection of first positive sample used (report creation date used where sample collection date is missing). Graph above reflects the trend in COVID-19 diagnosis. Due to the high volume of testing in recent weeks, there have been delays in reporting lab results. Thus, the trend is subject to change as more lab results get added to the state surveillance database.
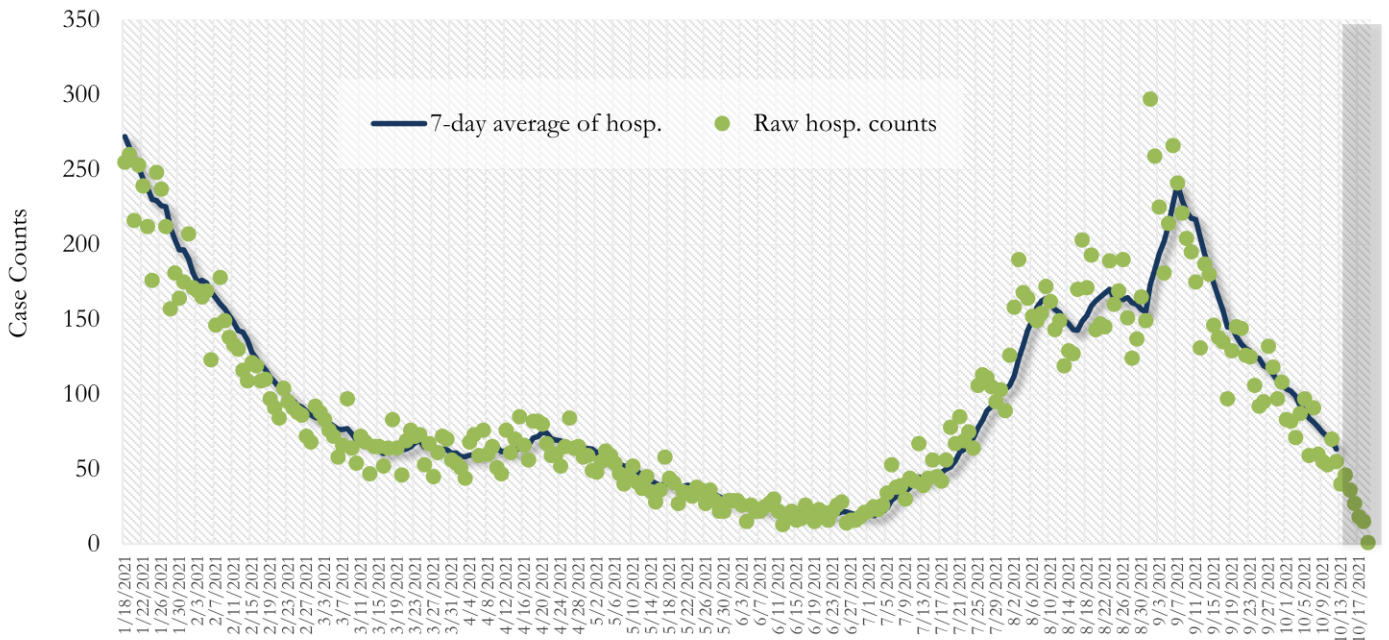
## Fig. 4. COVID-19 Hospitalizations in Fulton County Daily (Averaged over 7 days)
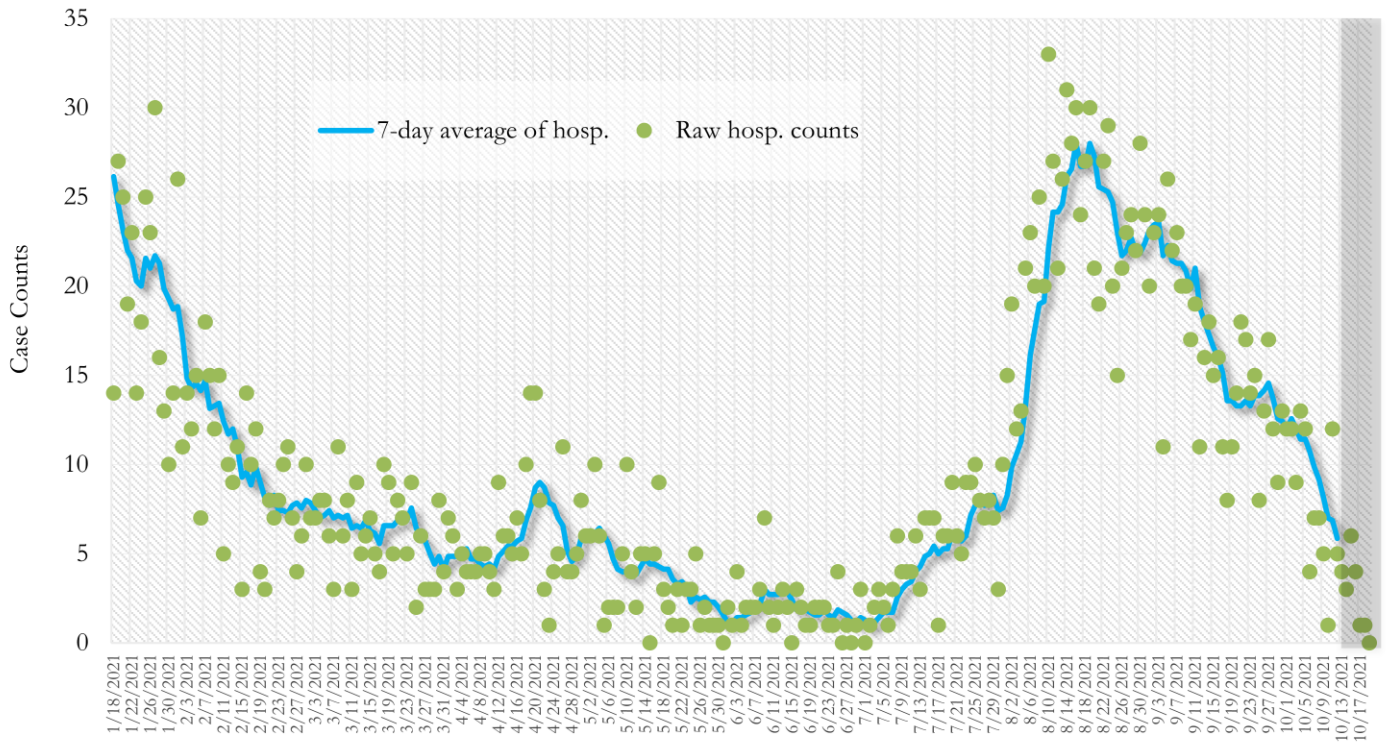
Reported date of hospital admission used. Graph above reflects the trend in COVID-19 hospitalizations. Due to the high volume of new cases being added daily, there have been delays in reporting hospitalization data. Thus, the trend is likely to change as more hospitalization data is reported in the state surveillance database. Numbers may include those who tested positive for Covid-19 while hospitalized for a different reason.

## 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. Numbers may include those who tested positive for Covid-19 while hospitalized for a different reason.

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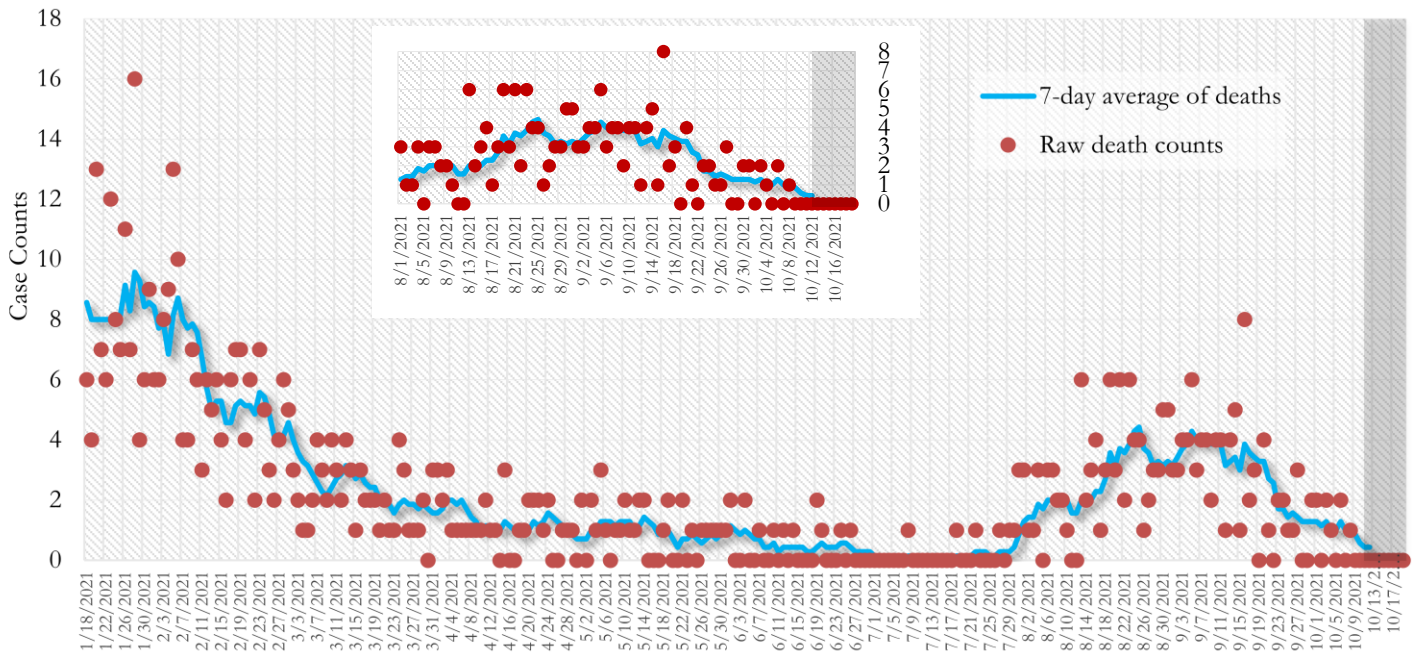
Reported date of death used. Graph above reflects the trend in deaths attributed to COVID-19. The trend is likely to change as more data on deaths among persons with COVID-19 is reported in the state surveillance database.

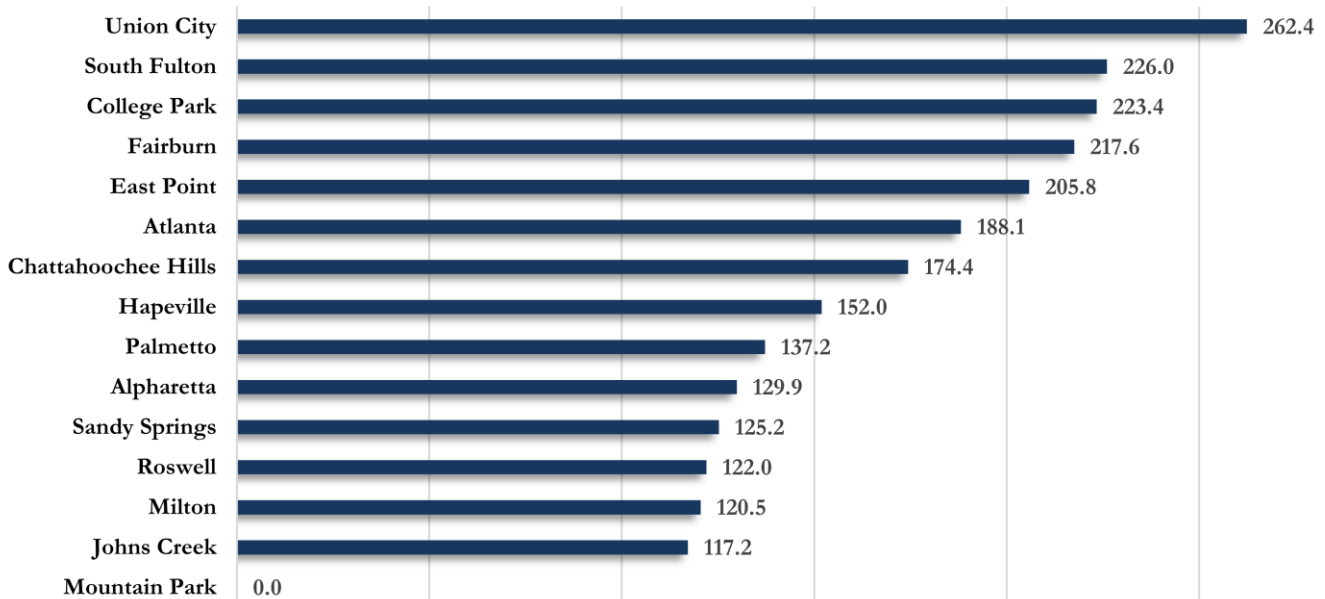## Fig. 7. COVID-19 Deaths in Georgia State Daily (Averaged over 7 days)
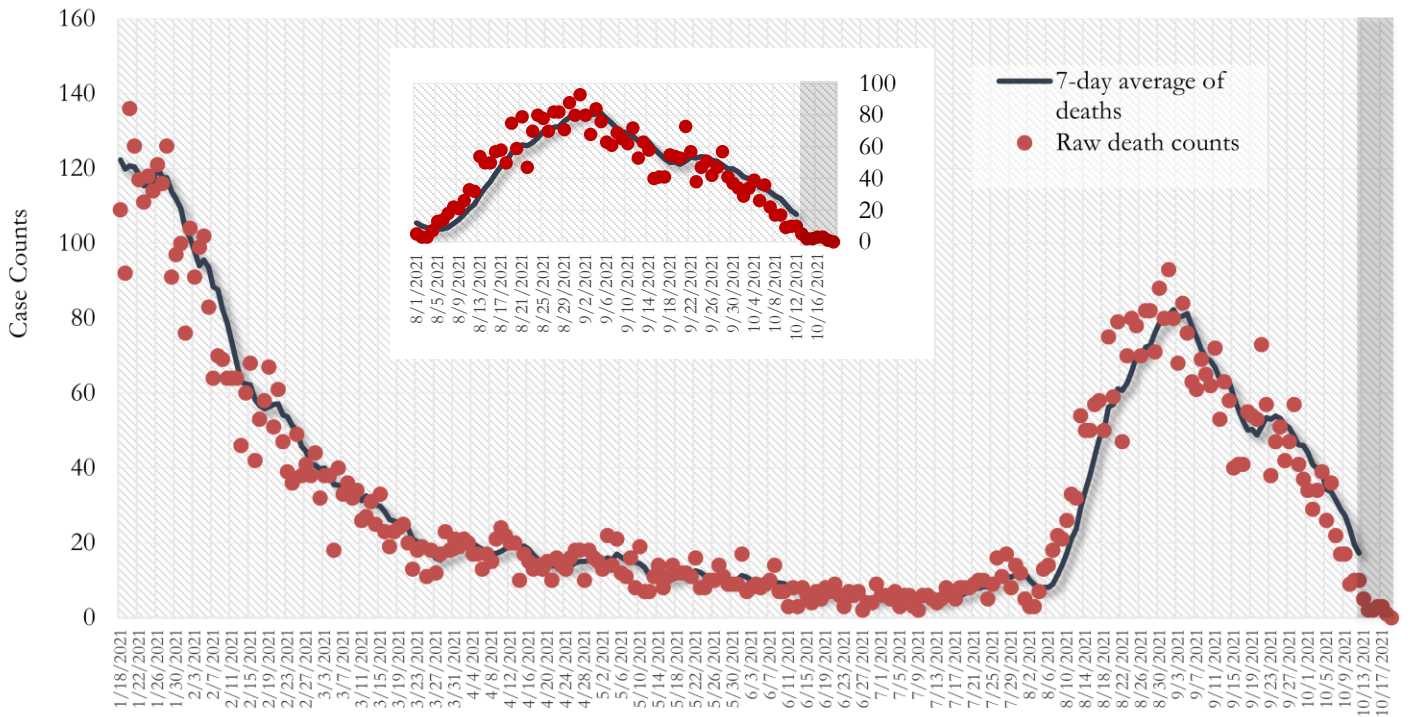
Reported date of death used. Graph above reflects the trend in deaths attributed to COVID-19. The trend is likely to change as more data on deaths among persons with COVID-19 is reported in the state surveillance database.

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]	14-Day Incidence Rate[3]
	9/29-10/12	*9/15-9/28*		
Alpharetta	84	111	↓ 24.3%	129.9
Atlanta	830	1268	↓ 34.5%	188.1
Chattahoochee Hills	<10	<10	-	174.4[4]
College Park	31	31	-	223.4
East Point	72	102	↓ 29.4%	205.8
Fairburn	32	49	↓ 34.7%	217.6
Hapeville	10	12	↓ 16.7%	152.0
Johns Creek	98	119	↓ 17.6%	117.2
Milton	46	64	↓ 28.1%	120.5
Mountain Park	0	<10	-	0.0
Palmetto	<10	16	↓ 62.5%	137.2
Roswell	115	157	↓ 26.8%	122.0
Sandy Springs	132	191	↓ 30.9%	125.2
South Fulton	215	336	↓ 36.0%	226.0
Union City	55	78	↓ 29.5%	262.4
Unknown	52	35	-	-

[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	Rate
Union City	262.4
South Fulton	226.0
College Park	223.4
Fairburn	217.6
East Point	205.8
Atlanta	188.1
Chattahoochee Hills	174.4
Hapeville	152.0
Palmetto	137.2
Alpharetta	129.9
Sandy Springs	125.2
Roswell	122.0
Milton	120.5
Johns Creek	117.2
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 (September 29 – October 12, 2021) in Fulton County
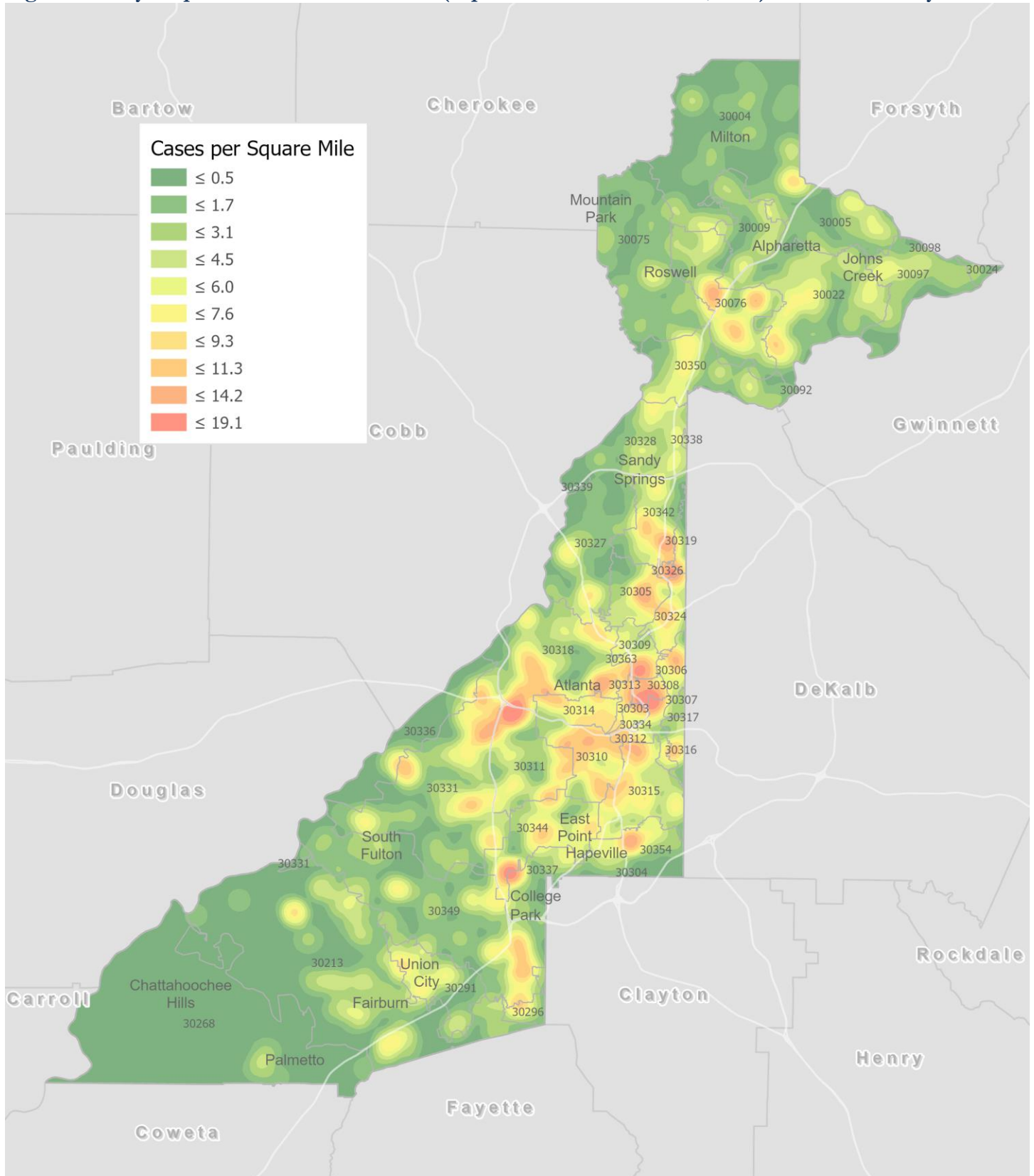
Fig. 10. New COVID-19 Diagnoses Rates (per 100,000 population) by Zip Code (September 29 – October 12, 2021)
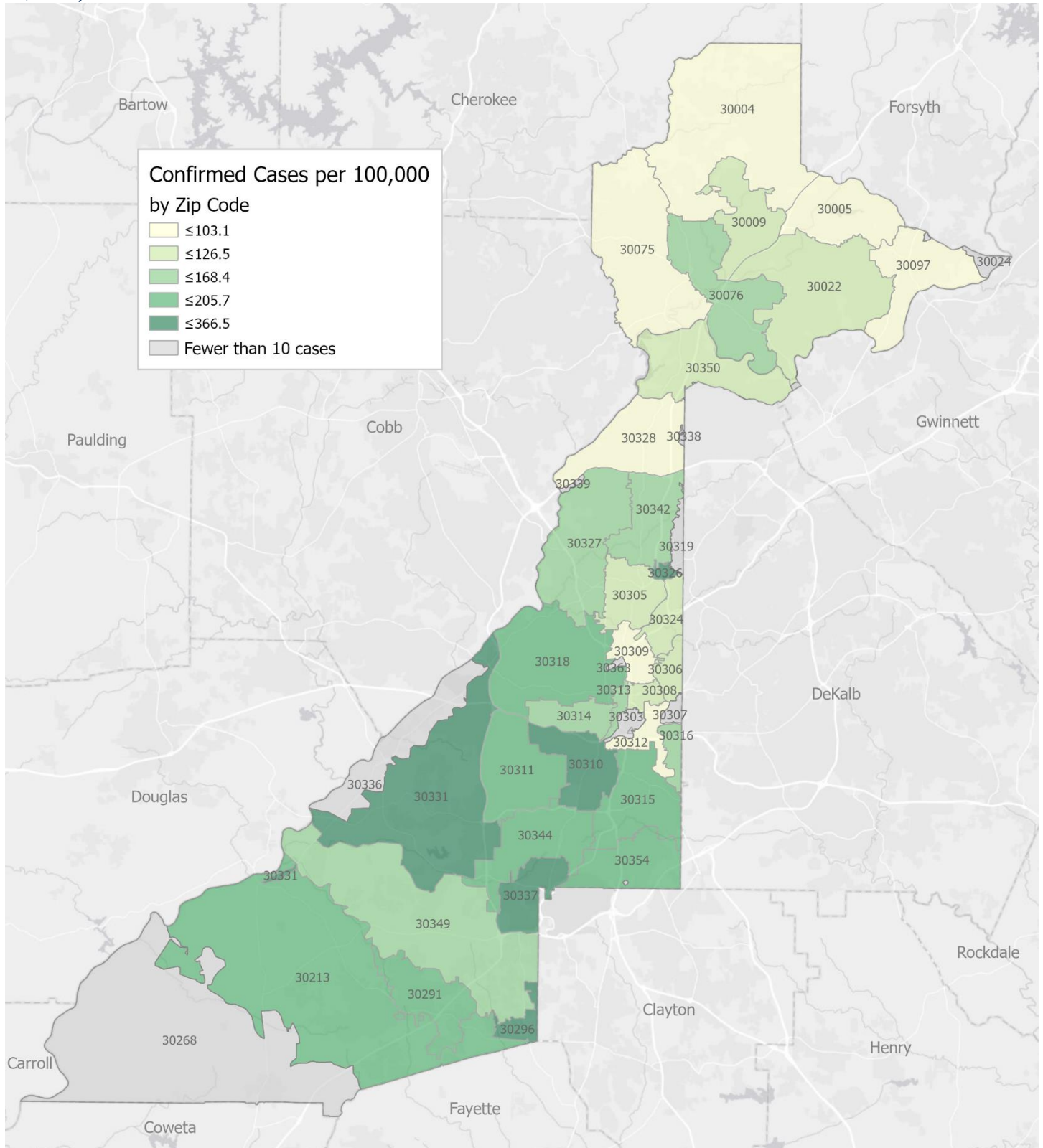
Rates shown are per 100,000 populations.

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 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 8 for zip code break down table.*

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

Zip Code	Recent 14-day reporting period *(9/29– 10/12)*	Previous 14-day reporting period *(9/15– 9/28)*	% Change between reporting periods[2]
All Fulton	**1783**	**2578**	**↓ 30.8%**
30004	58	77	↓ 24.7%
30005	34	46	↓ 26.1%
30009	25	26	↓ 3.8%
30022	85	107	↓ 20.6%
30023	0	<10	↓ 100.0%
30024	<10	<10	-
30075	37	62	↓ 40.3%
30076	77	98	↓ 21.4%
30080	0	0	-
30097	31	32	↓ 3.1%
30098	0	0	-
30135	0	0	-
30138	0	0	-
30139	0	0	-
30213	96	111	↓ 13.5%
30268	<10	31	↓ 71.0%
30291	45	80	↓ 43.8%
30296	13	19	↓ 31.6%
30301	0	<10	↓ 100.0%
30303	10	15	↓ 33.3%
30305	35	57	↓ 38.6%
30306	21	24	↓ 12.5%
30307	<10	10	↓ 30.0%
30308	24	44	↓ 45.5%
30309	32	51	↓ 37.3%
30310	71	126	↓ 43.7%
30311	78	117	↓ 33.3%
30312	30	65	↓ 53.8%
30313	15	15	-
30314	36	57	↓ 36.8%
30315	74	154	↓ 51.9%
30316	22	23	↓ 4.3%
30318	127	179	↓ 29.1%
30319	<10	10	↓ 30.0%
30321	0	0	-
30324	35	57	↓ 38.6%
30326	18	21	↓ 14.3%
30327	36	40	↓ 10.0%
30328	45	91	↓ 50.5%
30331	146	222	↓ 34.2%
30334	0	<10	↓ 100.0%
30336	<10	11	-
30337	29	30	↓ 3.3%

Zip Code	Recent 14-day reporting period *(9/29– 10/12)*	Previous 14-day reporting period *(9/15– 9/28)*	% Change between reporting periods
30338	<10	0	-
30339	<10	<10	-
30340	<10	0	-
30341	0	0	-
30342	63	58	↑ 8.6%
30344	68	93	↓ 26.9%
30345	0	0	-
30349	115	206	↓ 44.2%
30350	56	52	↑ 7.7%
30354	38	38	-
30358	0	0	-
30363	<10	<10	-
30374	0	0	-
30606	0	0	-
31131	0	<10	↓ 100.0%
31150	0	<10	-
Unknown	16	<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.*
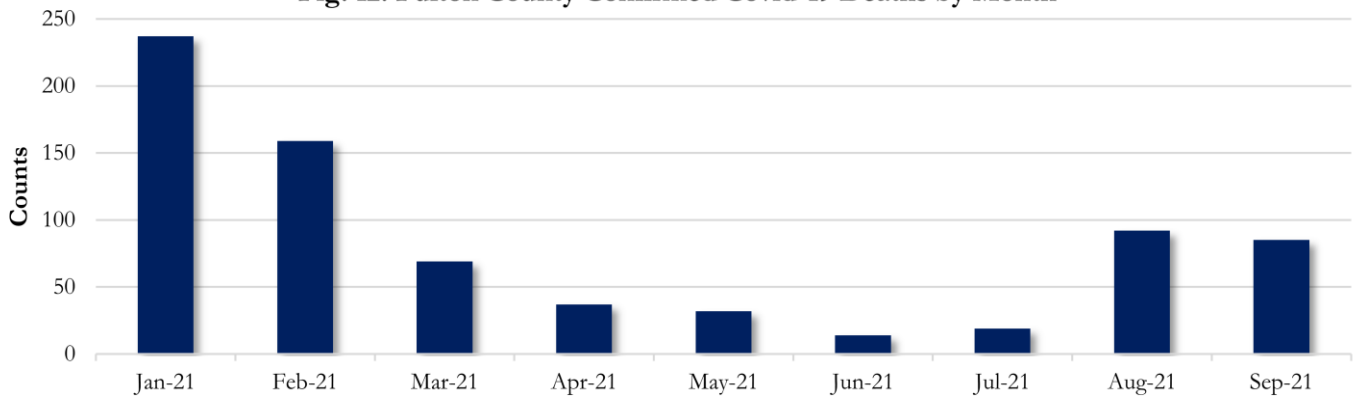
COVID-19 HOSPITALIZATIONS, ICU ADMISSIONS AND DEATHS IN FULTON

Fig. 11. Fulton County Covid-19 Cases Hospitalized and Admitted to ICU by Month
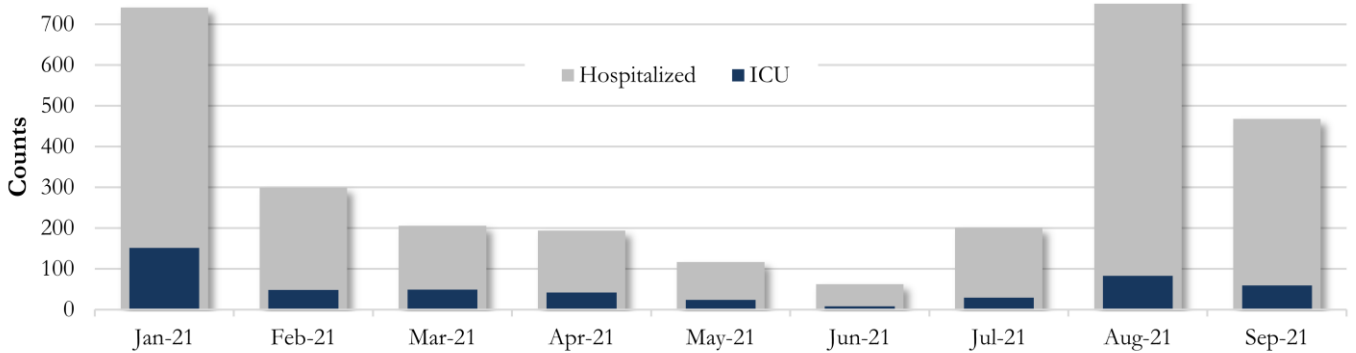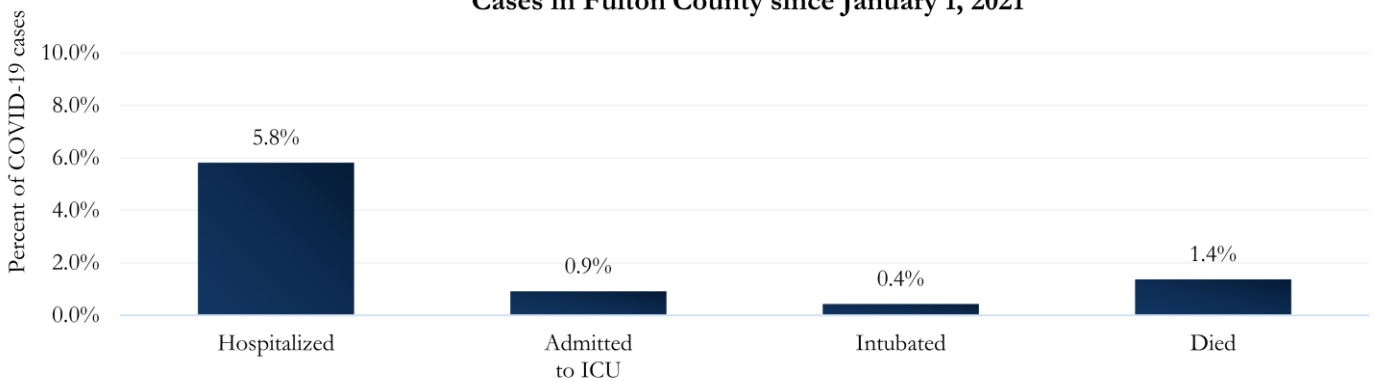

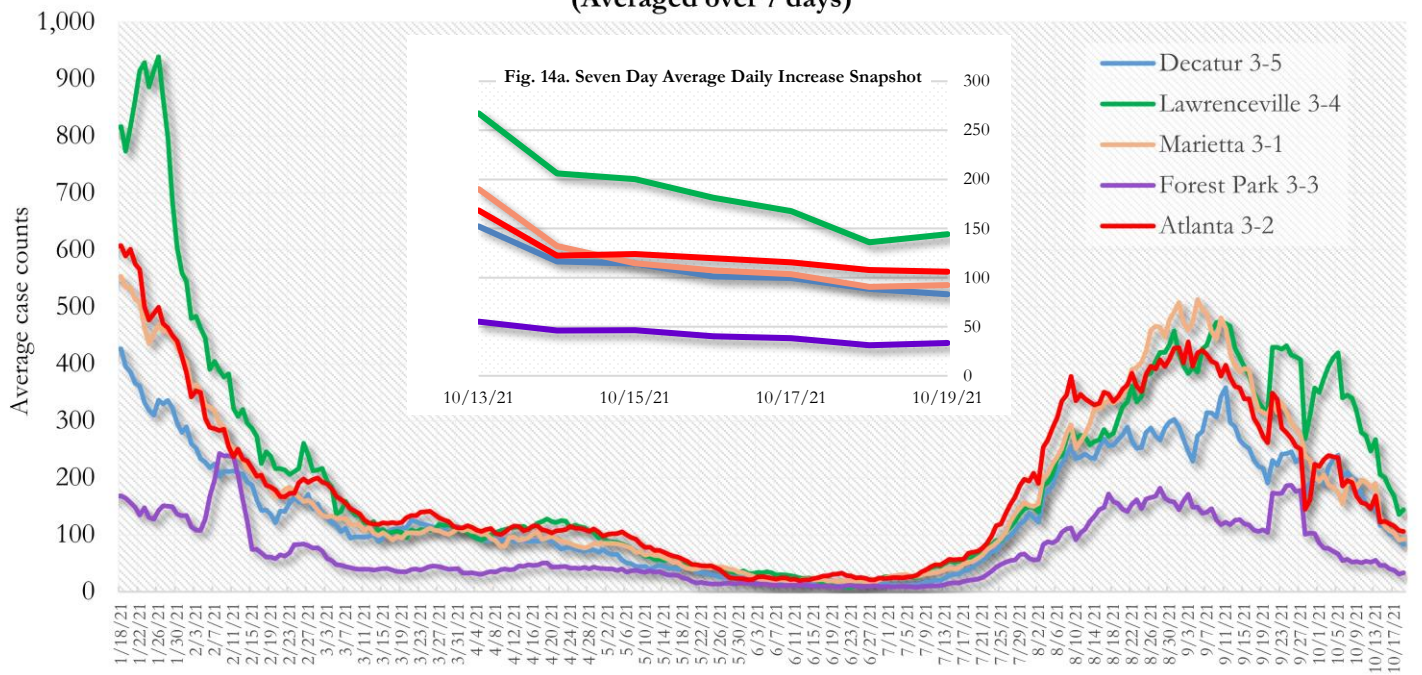**Fig. 12. Fulton County Confirmed Covid-19 Deaths by Month**

Values for August and September 2021 in figures 13 and 14 are subject to change as more hospitalizations, ICU admissions, and deaths get reported to state and local entities.

Fig. 13. Hospitalizations, ICU Admissions, Intubations, and Deaths among all Covid-19 Cases in Fulton County since January 1, 2021

COVID-19 CASE TRENDS IN FULTON AND SURROUNDING DISTRICTS

This figure uses date of report as provided from DPH.

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 September 15 – October 12, 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	**110213**		**4361**		**1584**		**42**	
Female	58601	53.2%	2305	52.9%	756	47.7%	16	38.1%
Male	51097	46.4%	2013	46.2%	828	52.3%	26	61.9%
Unknown*	515	<1%	43	<1%	0	-	0	-
0-9	5931	5.4%	476	10.9%	0	-	0	-
10-19	13253	12.0%	624	14.3%	<10	<1%	0	-
20-29	23728	21.5%	697	16.0%	<10	<1%	0	-
30-39	21096	19.1%	870	19.9%	39	2.5%	<10	2.4%
40-49	16428	14.9%	633	14.5%	56	3.5%	<10	2.4%
50-59	14083	12.8%	475	10.9%	159	10.0%	<10	11.9%
60-69	8342	7.6%	339	7.8%	300	18.9%	<10	21.4%
≥70	7277	6.6%	240	5.5%	1024	64.6%	26	61.9%
Unknown*	75	<1%	<10	<1%	0	-	0	-
Asian, NH	4149	3.8%	153	3.5%	24	1.5%	0	-
Black, NH	49921	45.3%	2276	52.2%	1000	63.1%	24	57.1%
White, NH	34451	31.3%	931	21.3%	484	30.6%	12	28.6%
Hispanic, all races	10938	9.9%	333	7.6%	62	3.9%	<10	4.8%
Other, NH	3504	3.2%	111	2.5%	13	<1%	<10	9.5%
Unknown*	7250	6.6%	557	12.8%	<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.

The following data are updated every two weeks.

Last updated 10/12/2021

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.

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

Fig. 15. Percent Complete Vaccination and COVID-19 Case Rate (per 100,000 population) by Census Tract September 13 – October 10, 2021
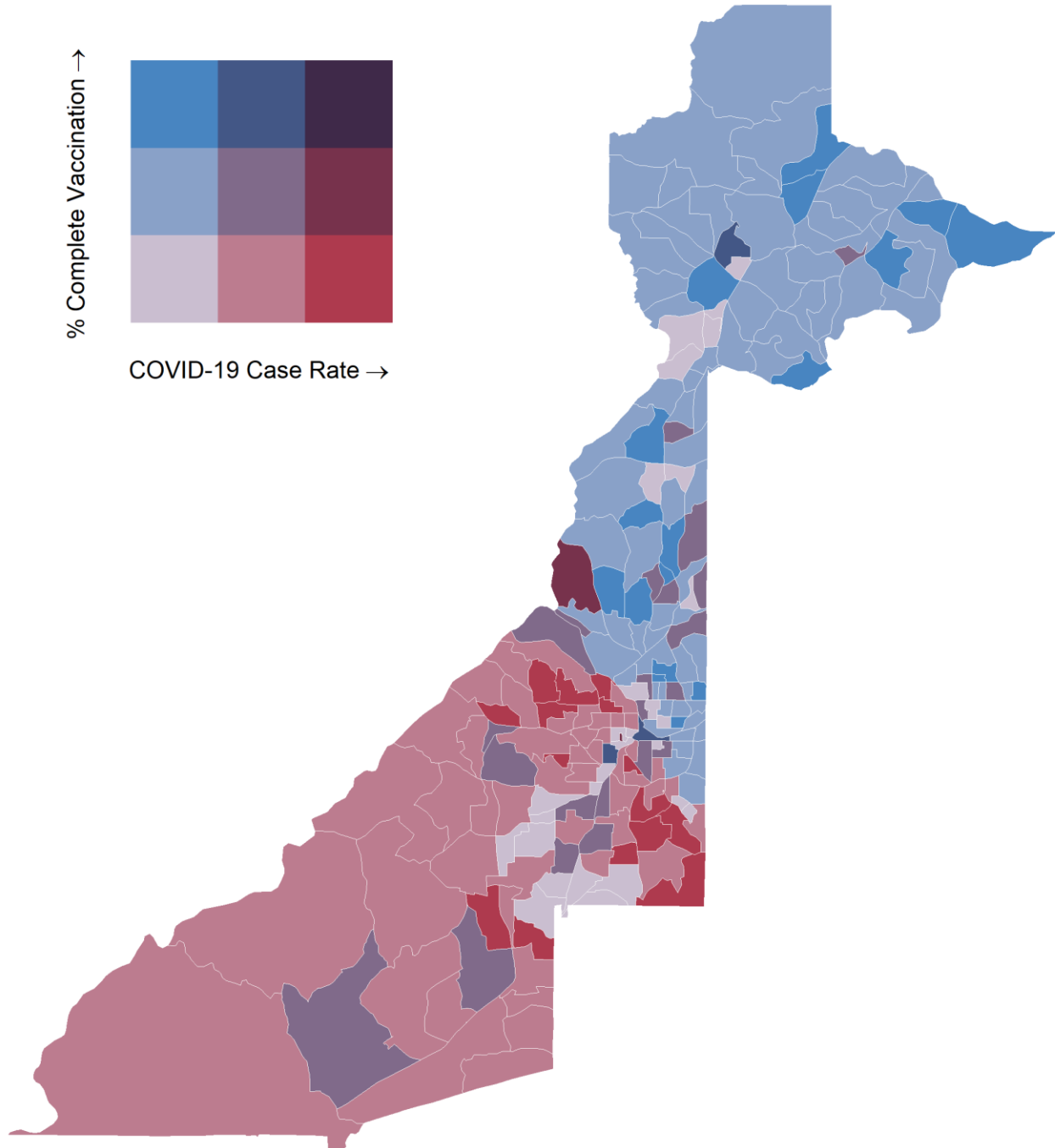
How to interpret these colors: The darker the blue, the better. The upper most blue box indicates low COVID-19 case rates and high vaccination coverage. Red is not ideal as red indicates high COVID-19 case rates and low vaccination coverage. Colors in between indicate varying combinations of COVID-19 case rates and vaccination coverage. COVID-19 case rate reflects new COVID-19 cases diagnosed between September 13 and October 10, 2021 across Fulton County. Vaccination data from: https://experience.arcgis.com/experience/3d8eea39f5c1443db1743a4cb8948a9c

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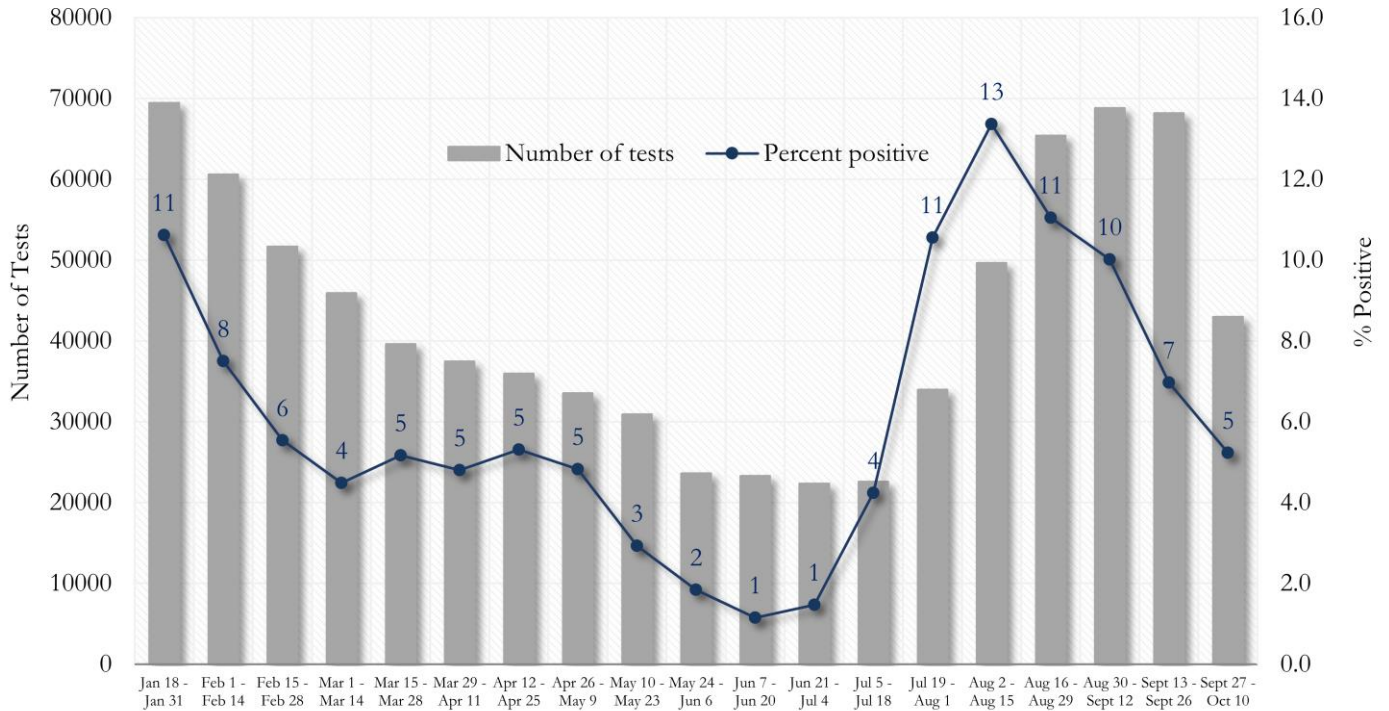
Data on Polymerase Chain Reaction (PCR) tests only included.

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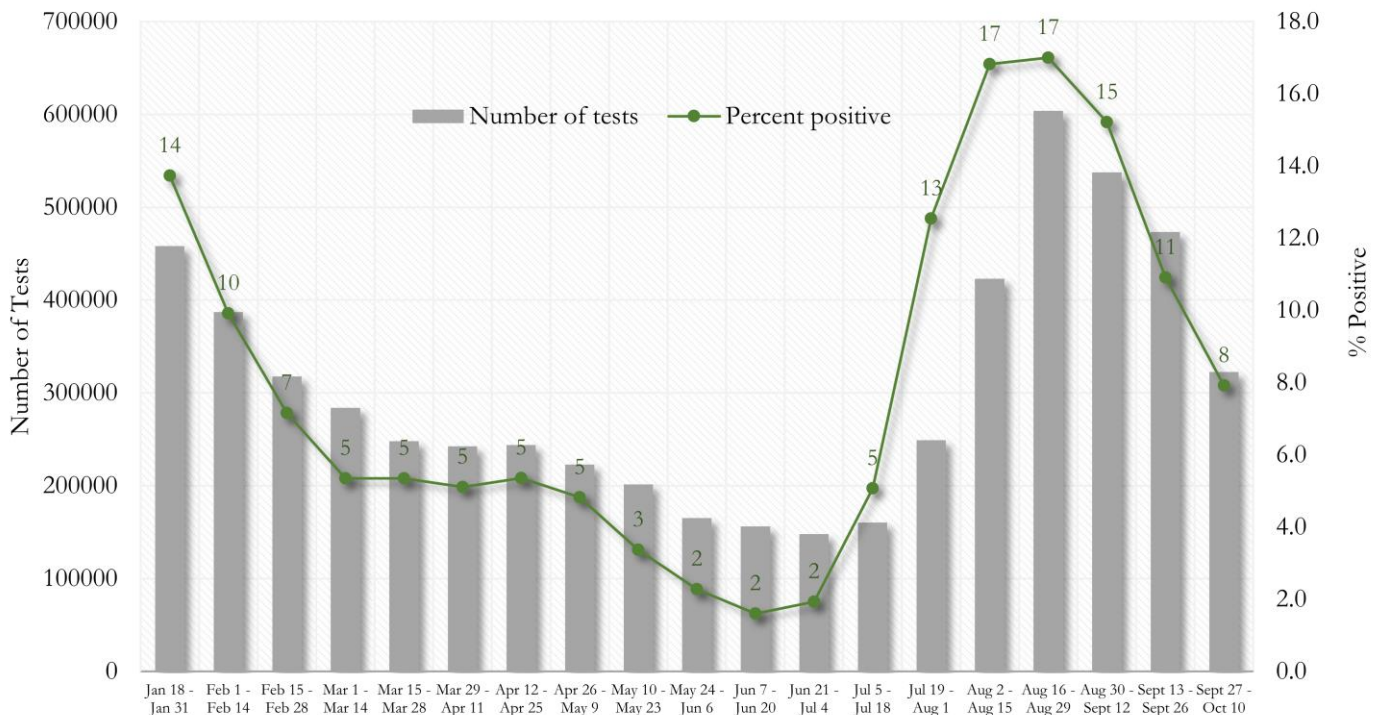
Data on Polymerase Chain Reaction (PCR) tests only included.

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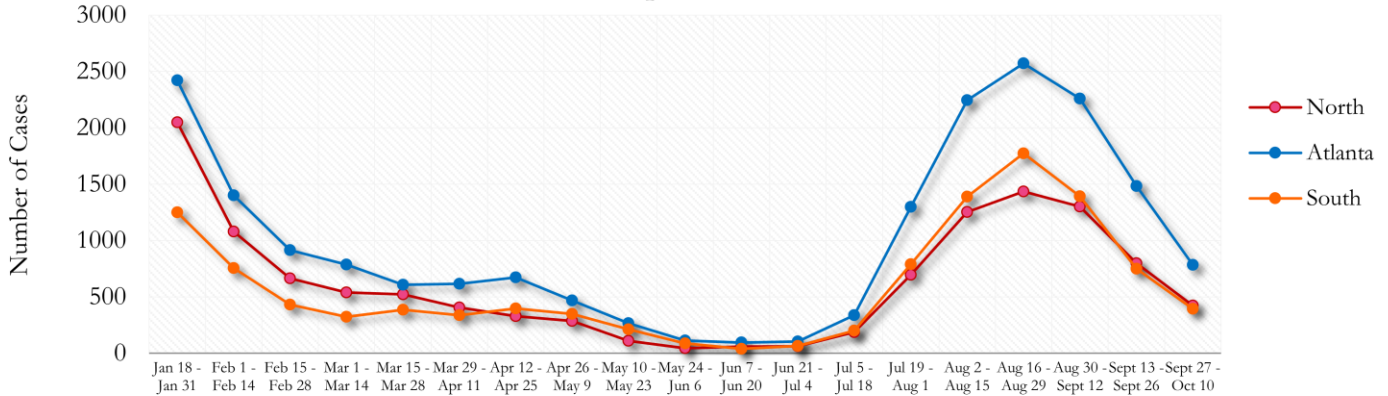
In the past two weeks, Atlanta accounted for the majority of new cases.
*North -Includes all Fulton cities north of Atlanta (Alpharetta, Johns Creek, Milton, Mountain Park, Roswell, Sandy Springs)
*South - Includes all Fulton cities south of Atlanta (Chattahoochee Hills, College Park, East Point, Fairburn,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

Fig. 19. Trends in Racial Distribution of Covid-19 Cases in Fulton County by 14-day periods
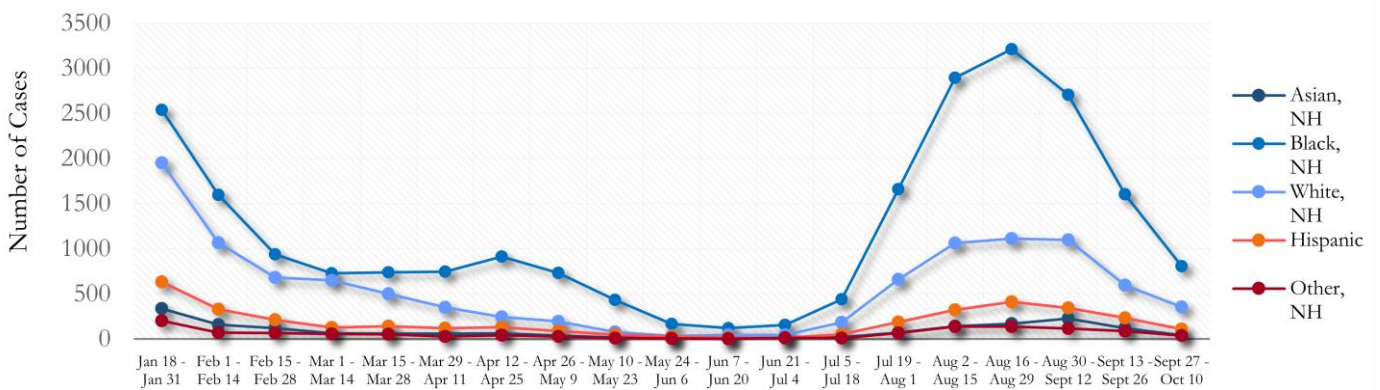
Fig. 20. Racial Distribution of Covid-19 Cases in Fulton County by 14-day periods
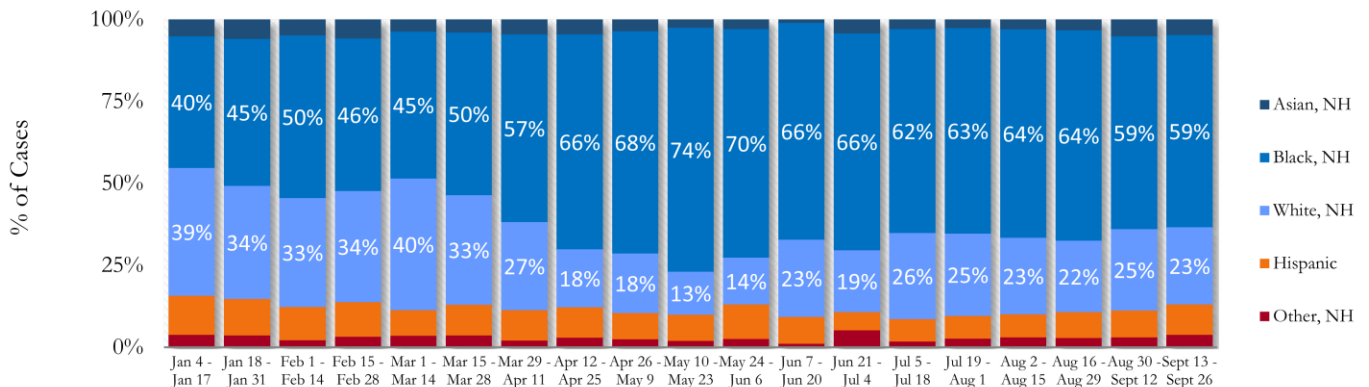
About 7% of all Fulton County COVID cases are missing data on patient race and ethnicity and in the past two weeks, about 18% of cases are missing this data. Percentages do not include the missing data and thus are subject to change as data are cleaned.

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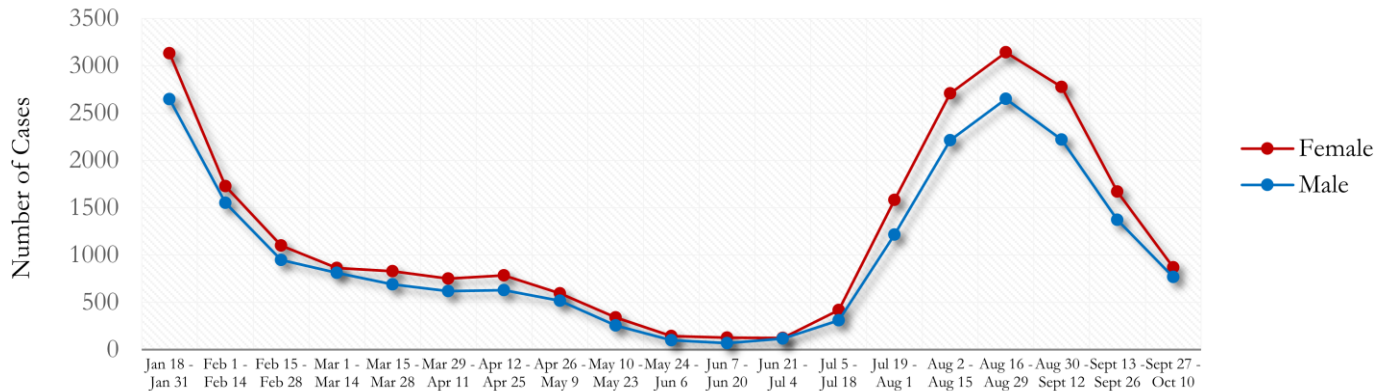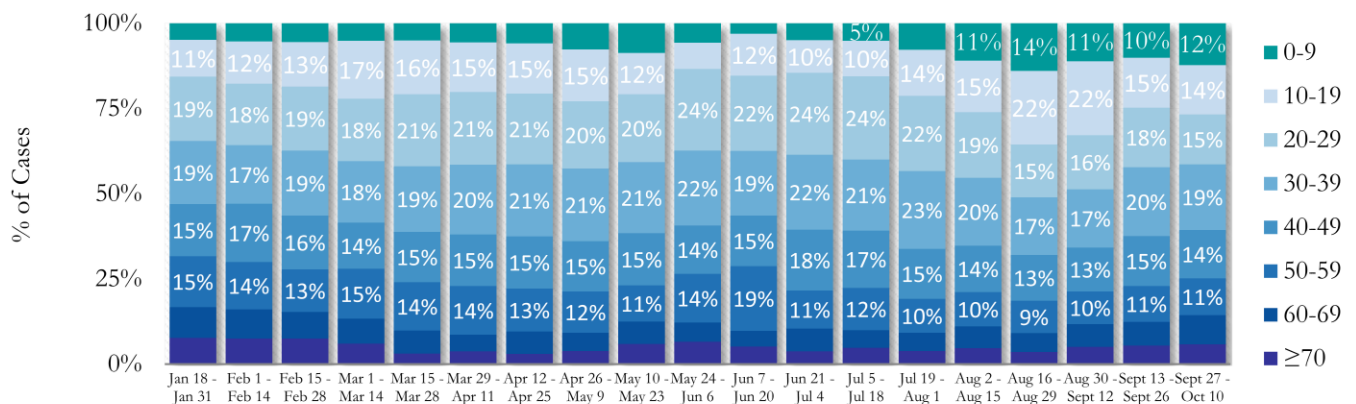

Fig. 22. Trends in Age Distribution of Covid-19 Cases in Fulton County by 14-day periods
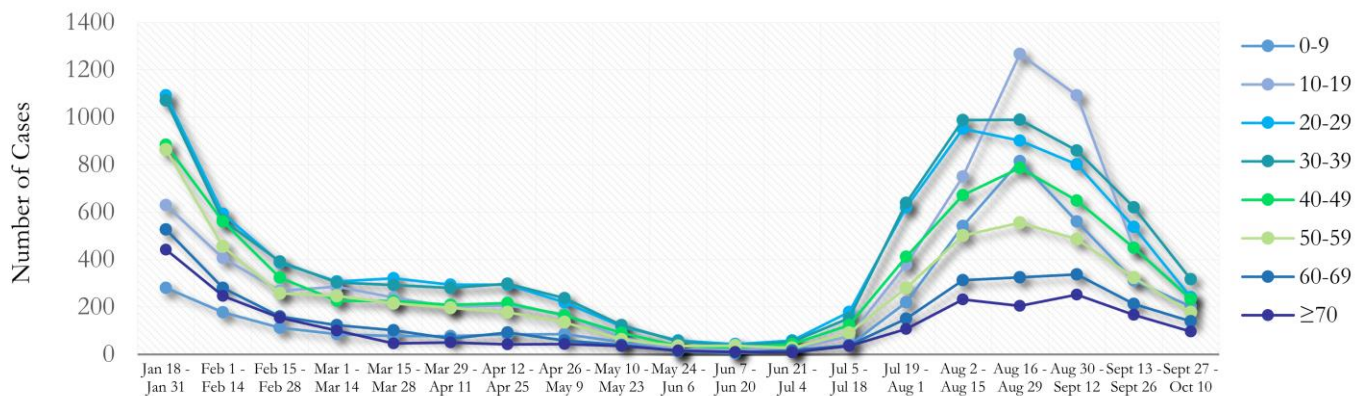
*In the most recent two weeks, 20-29 year olds and 30-39 year olds accounted for the majority of new cases.*

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

Value labels under 10% are not shown. Percentages do not include the missing data and thus are subject to change as data are cleaned.
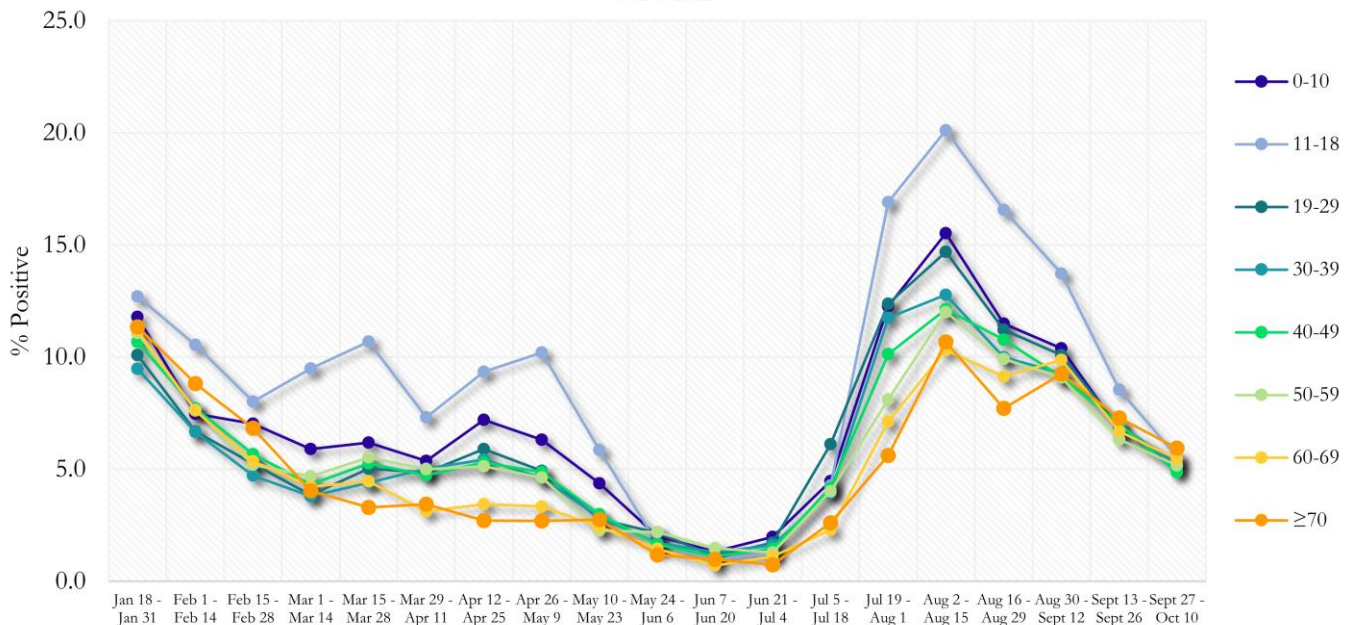
COVID-19 TESTING AND POSITIVITY IN FULTON COUNTY BY AGE AND RACE

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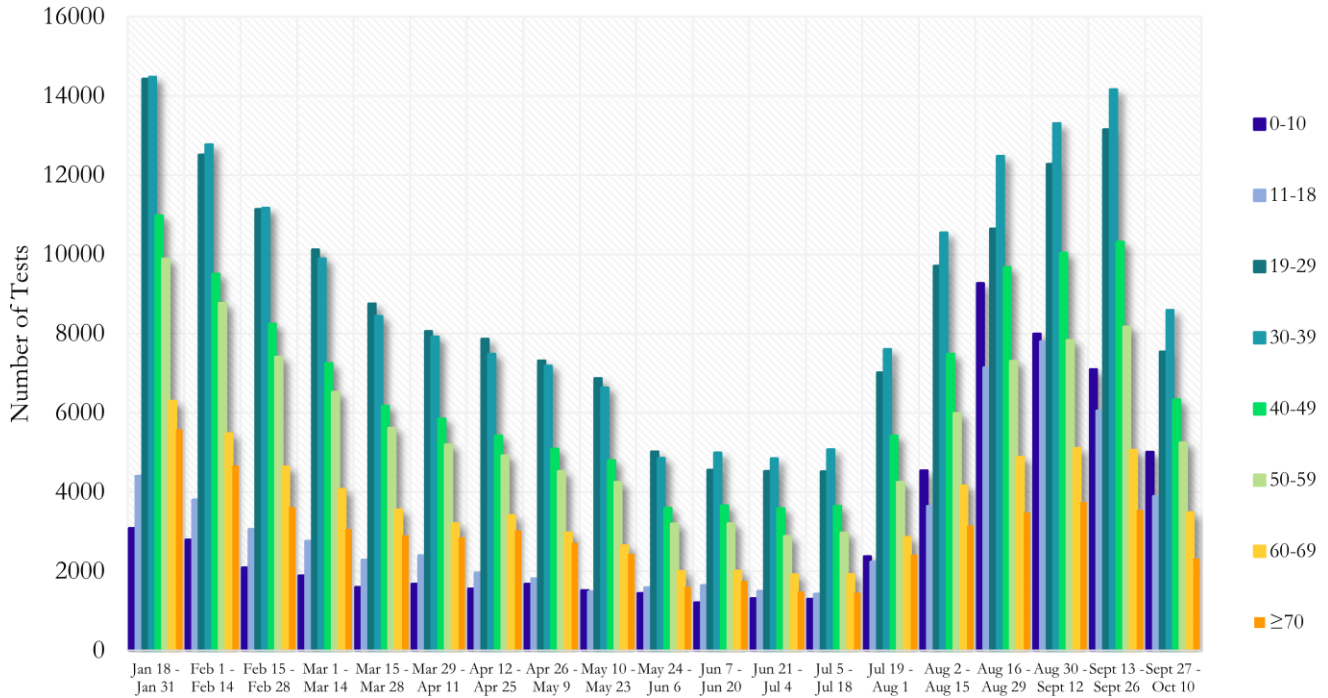
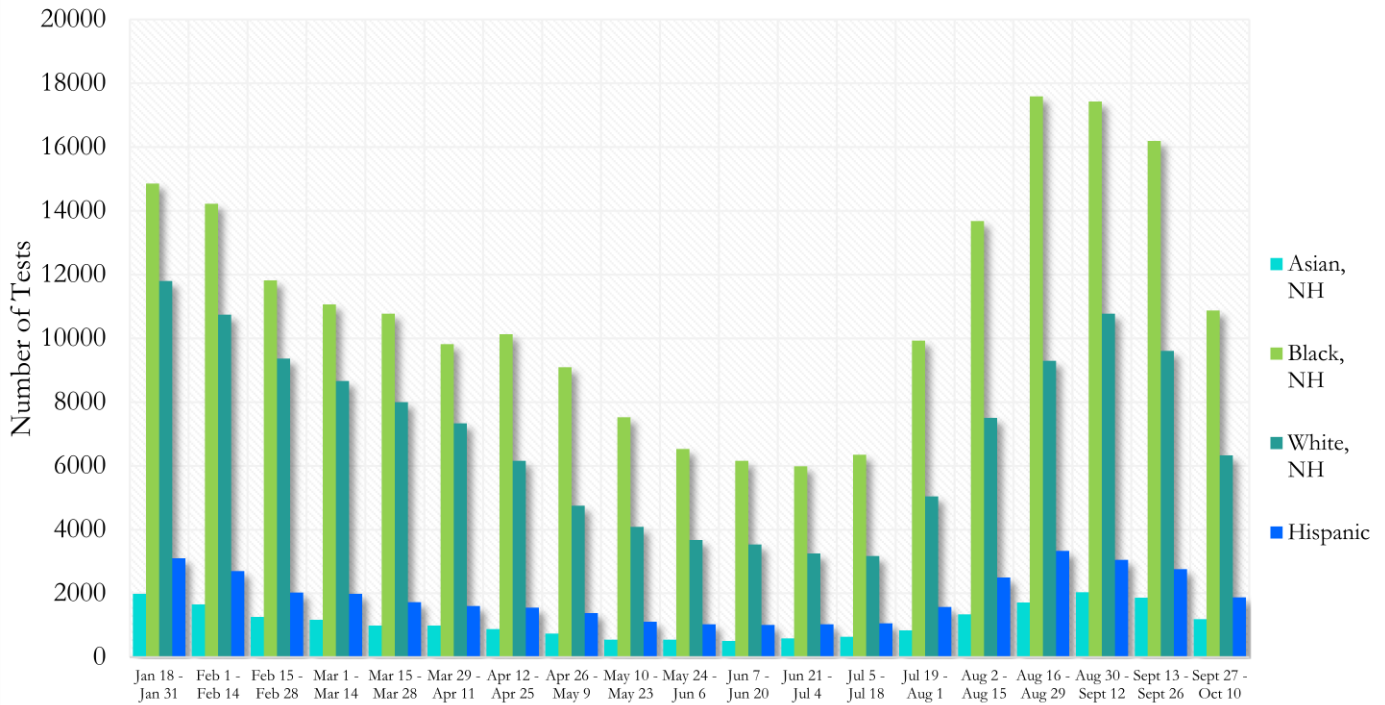*Data on Polymerase Chain Reaction (PCR) tests only included.*

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

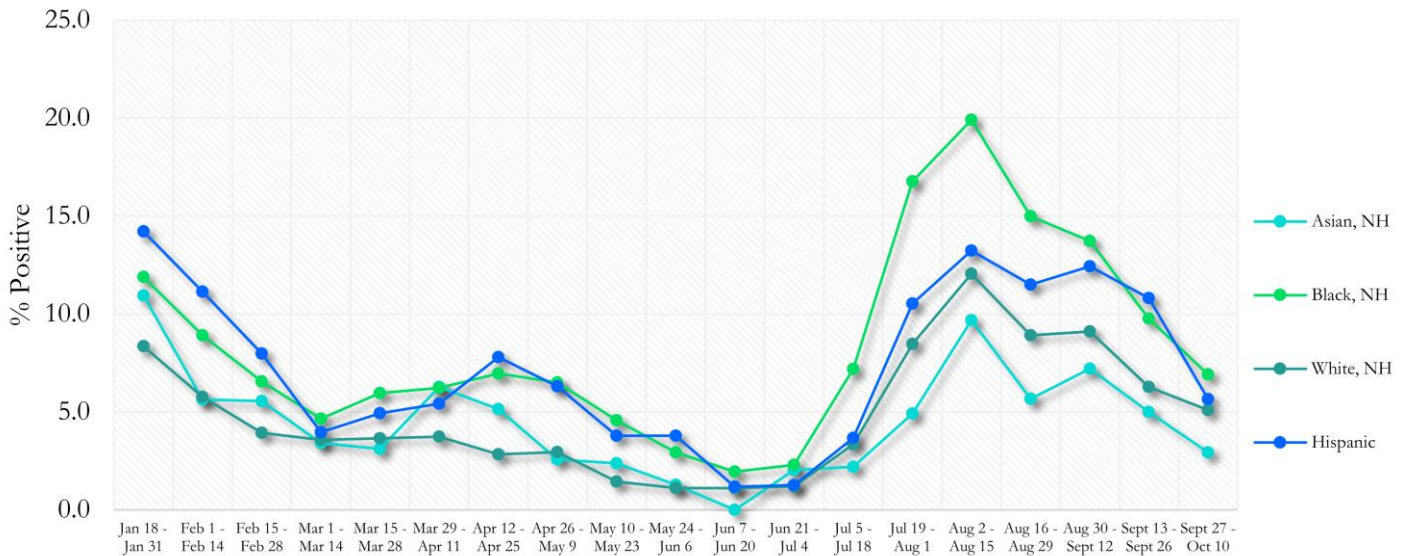*Data on Polymerase Chain Reaction (PCR) tests only included.*

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, 51% 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.