FULTON COUNTY
BOARD OF HEALTH

SUMMARY

- As of October 12, 2021, Fulton County has recorded **109,554 confirmed cases** and **20,615 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 12, 2021, Fulton County has recorded **1,561 confirmed COVID-19 deaths.** 167 deaths are currently under review by GA DPH to confirm cause of death.
- By city, new confirmed COVID-19 case rates range from 146.7 per 100,000 persons (Milton) to 410.3 per 100,000 persons (Union City). **[Fulton County Diagnoses Rates (per 100,000 persons): Cumulative –9966.9; Incidence – 213.2**]. 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
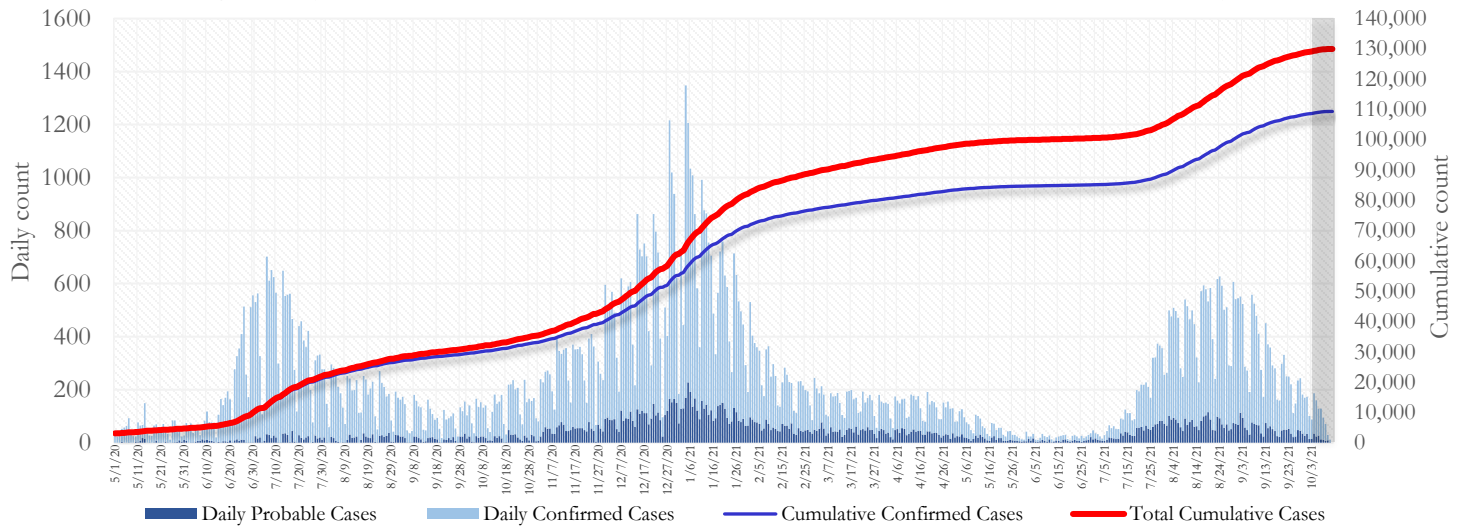
Counts shown reflect the number of cases as of 9:00 am on 10/12/21 using the date of first positive sample collection. Where date of sample collection was not available or missing, the date of report creation in GA SendSS was used instead. The Georgia Department of Health defines a confirmed cases as 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: 49% of the new COVID-19 cases in the past 2 weeks occurred in Atlanta while 25% and 24% occurred in the Northern and Southern regions of the county respectively.

Fulton Region	% Cumulative count	% New cases*
Atlanta	43.5%	49.0%
North[1]	31.7%	25.1%
South[2]	21.9%	23.6%
Unincorporated/Unknown	2.9%	2.2%

[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 9/22/21 – 10/5/21).
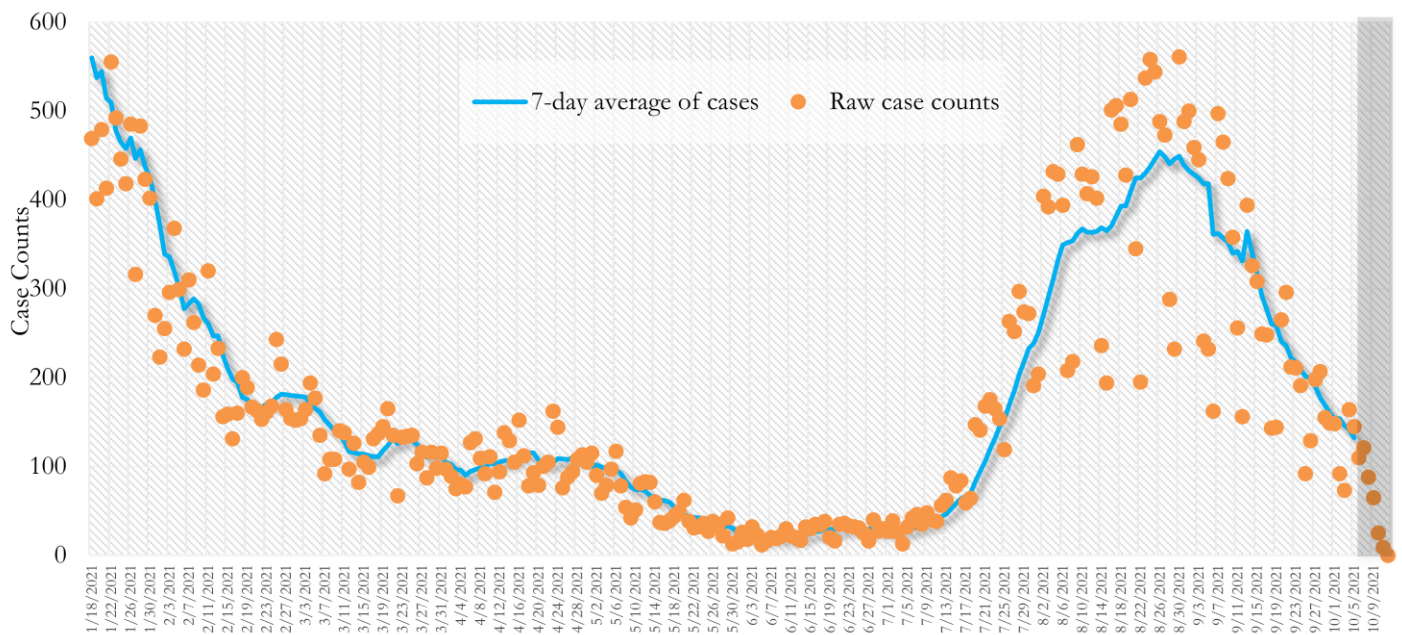
In the recent two week reporting period (9/22-10/5), there were fewer new cases of COVID-19 in Fulton County than the previous two weeks (9/8-9/21).

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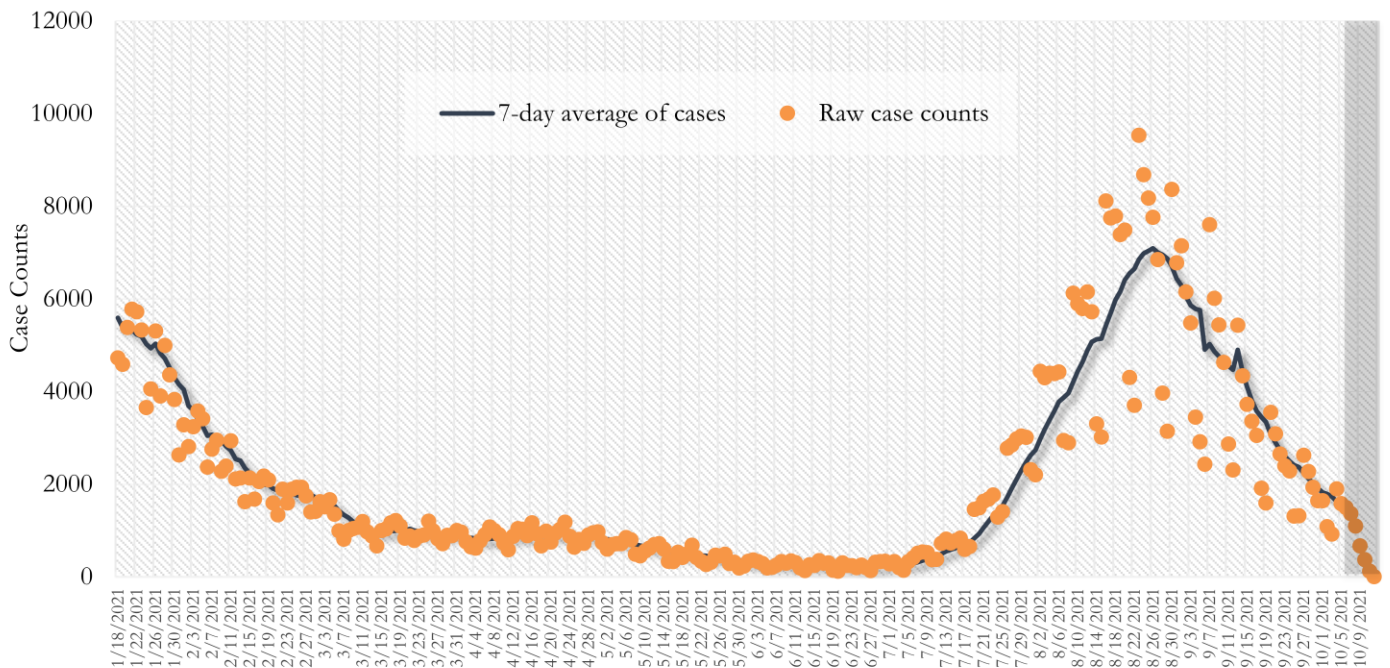
Date of collection of first positive sample used (report creation date used where sample collection date is missing). Graph above reflects the trend in COVID-19 diagnosis. Due to the high volume of testing in recent weeks, there have been delays in reporting lab results. Thus, the trend is subject to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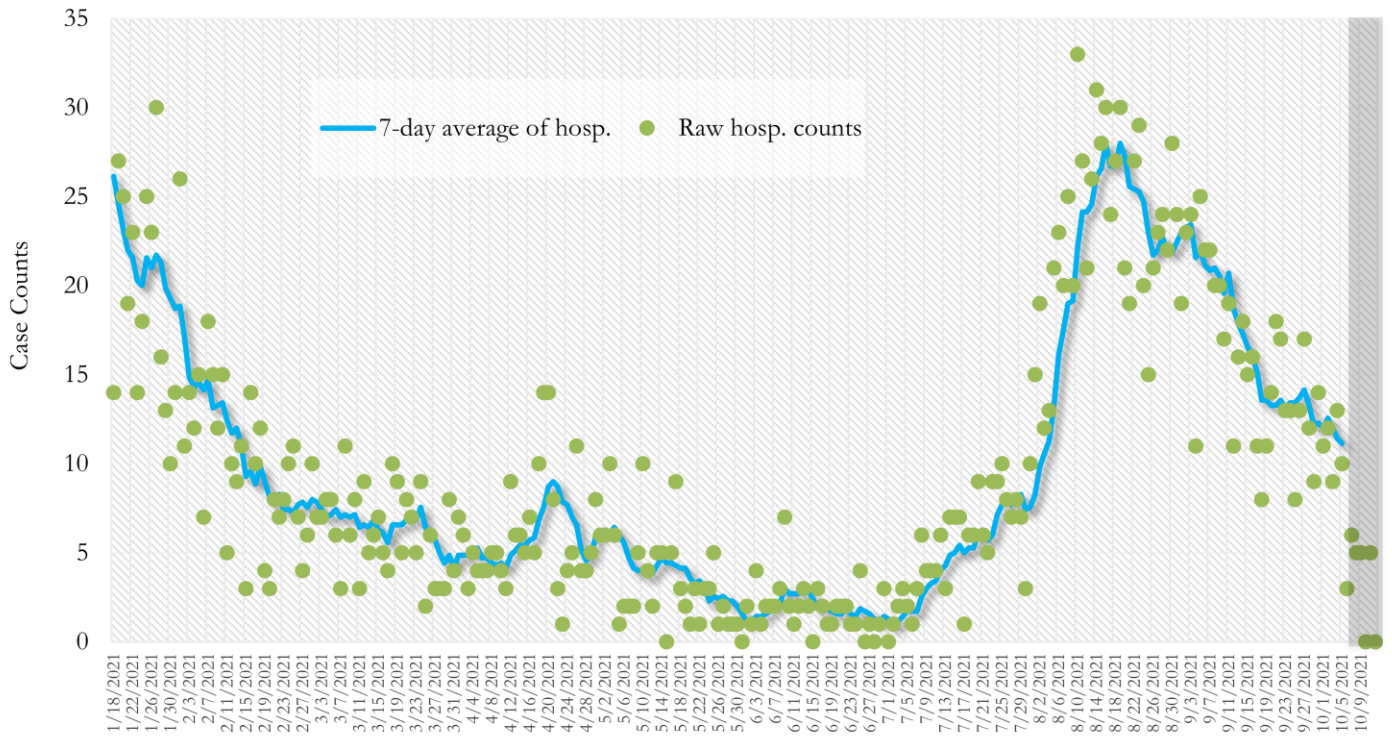
*Reported date of hospital admission used. Graph above reflects the trend in COVID-19 hospitalizations. Due to the high volume of new cases being added daily, there have been delays in reporting hospitalization data. Thus, the trend is likely to change as more hospitalization data is reported in the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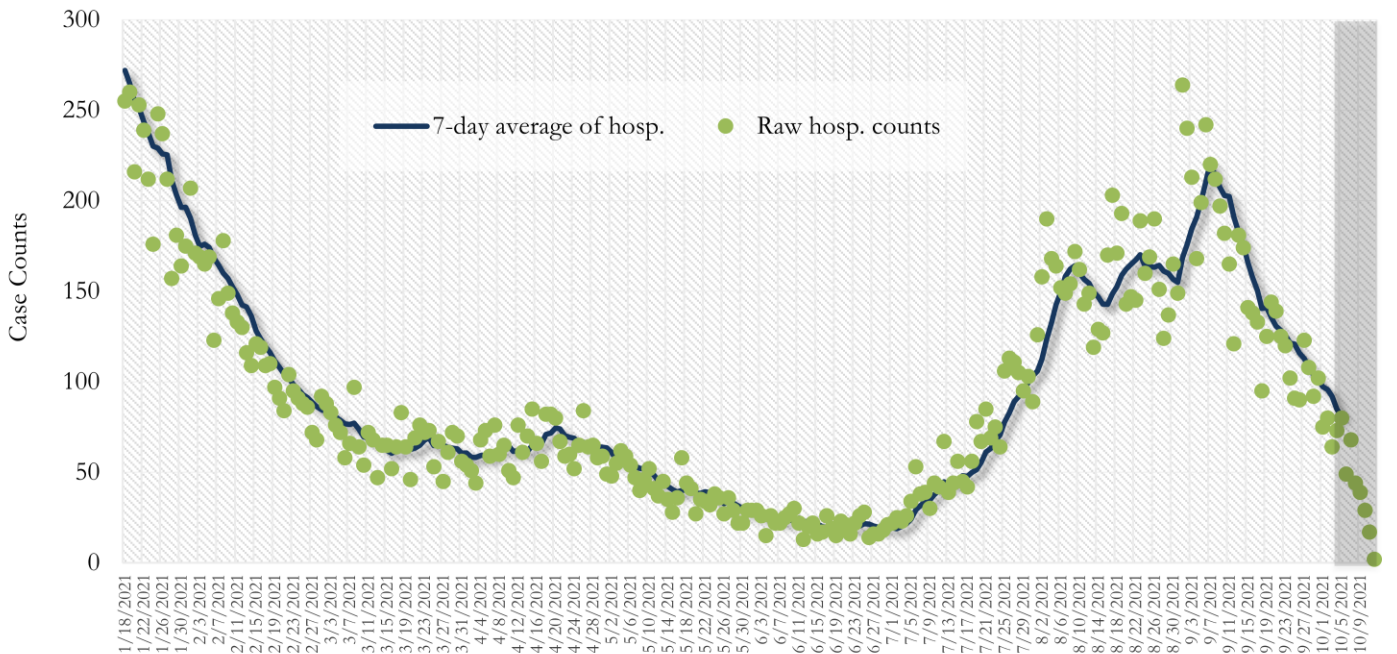
**Reported date of hospital admission used. Graph above reflects the trend in COVID-19 hospitalizations. Due to the high volume of new cases being added daily, there have been delays in reporting hospitalization data. Thus, the trend is likely to change as more hospitalization data is reported in the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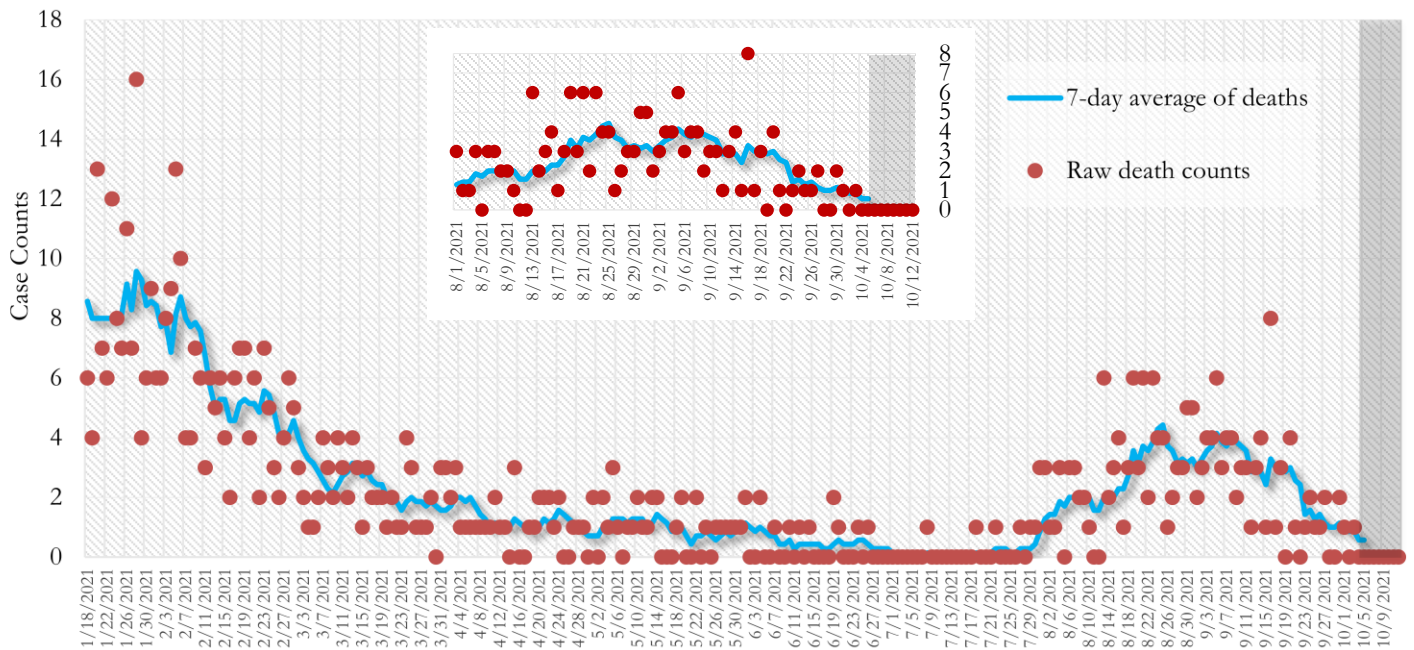
Reported date of death used. Graph above reflects the trend in deaths attributed to COVID-19. The trend is likely to change as more data on deaths among persons with COVID-19 is reported in the state surveillance database.

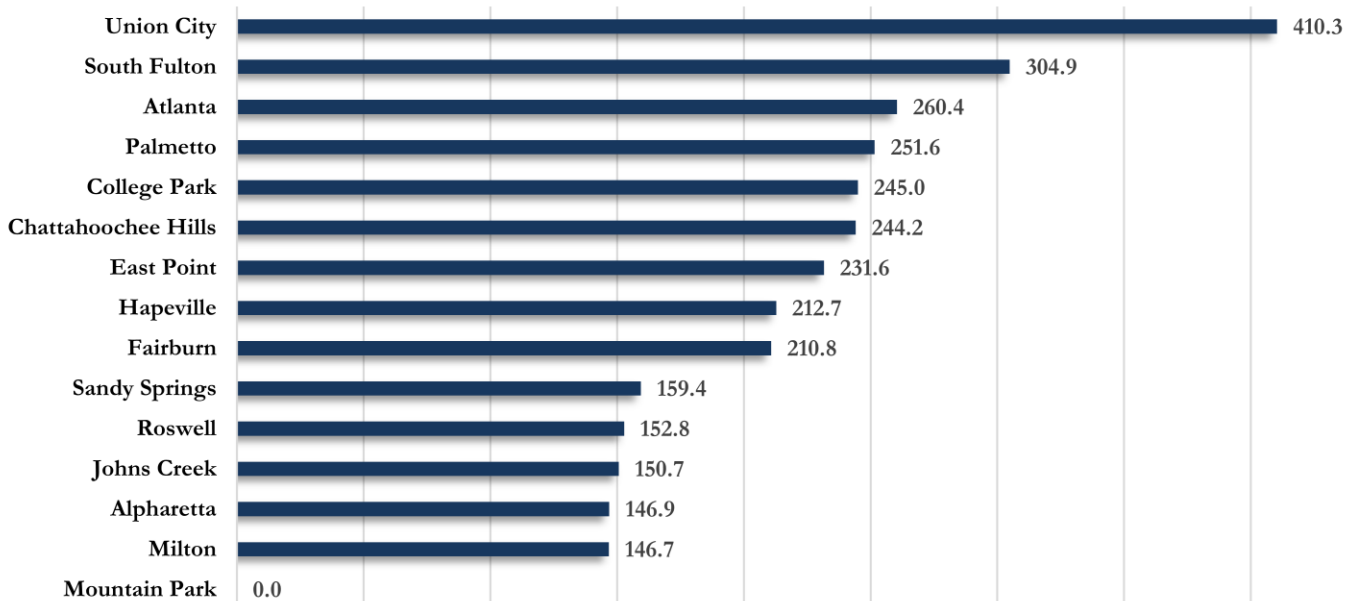## Fig. 7. COVID-19 Deaths in Georgia State Daily (Averaged over 7 days)
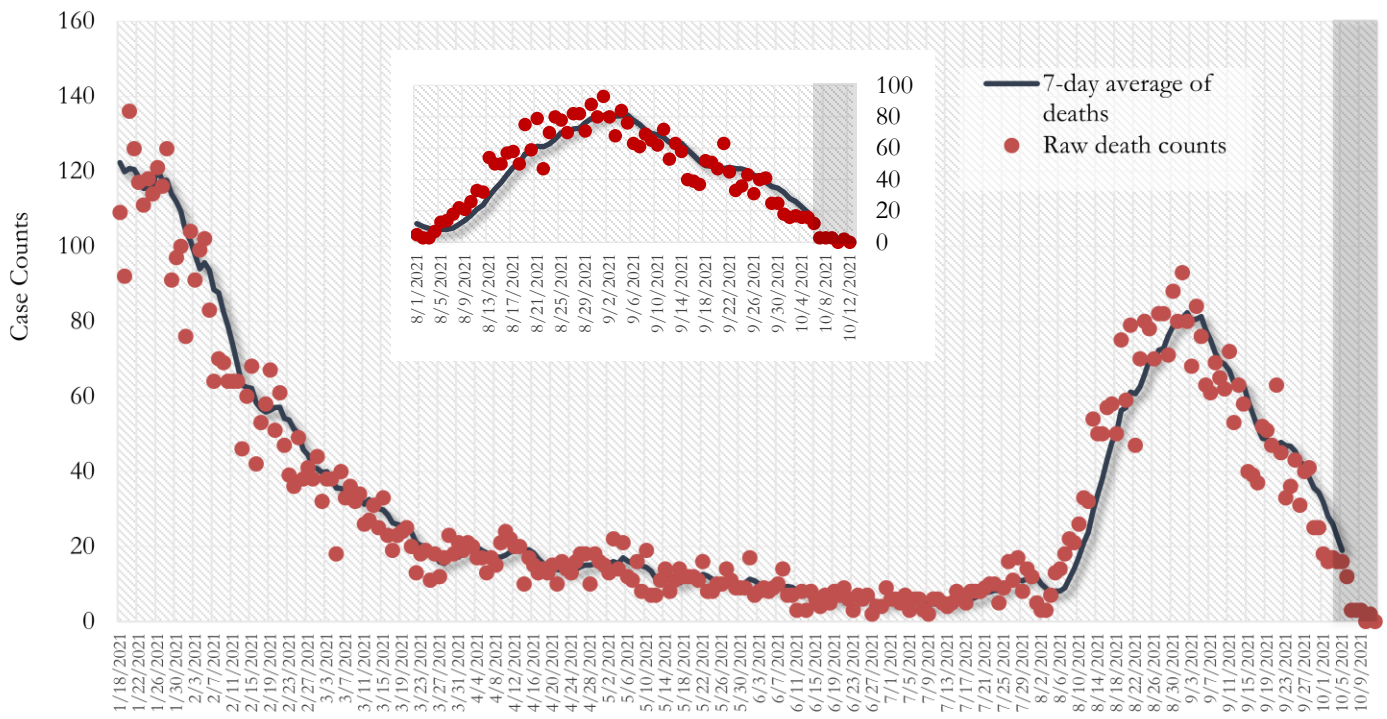
Reported date of death used. Graph above reflects the trend in deaths attributed to COVID-19. The trend is likely to change as more data on deaths among persons with COVID-19 is reported in the state surveillance database.

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]
	9/22-10/5	*9/8-9/21*		
Alpharetta	95	158	↓ 39.9%	146.9
Atlanta	1149	1688	↓ 31.9%	260.4
Chattahoochee Hills	<10	<10	↓ 12.5%	244.2
College Park	34	44	↓ 22.7%	245.0
East Point	81	155	↓ 47.7%	231.6
Fairburn	31	83	↓ 62.7%	210.8
Hapeville	14	21	↓ 33.3%	212.7
Johns Creek	126	157	↓ 19.7%	150.7
Milton	56	138	↓ 59.4%	146.7
Mountain Park	0	<10	-	0.0
Palmetto	11	14	↓ 21.4%	251.6
Roswell	144	243	↓ 40.7%	152.8
Sandy Springs	168	231	↓ 27.3%	159.4
South Fulton	290	472	↓ 38.6%	304.9
Union City	86	125	↓ 31.2%	410.3
Unknown	52	53	-	-

[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	410.3
South Fulton	304.9
Atlanta	260.4
Palmetto	251.6
College Park	245.0
Chattahoochee Hills	244.2
East Point	231.6
Hapeville	212.7
Fairburn	210.8
Sandy Springs	159.4
Roswell	152.8
Johns Creek	150.7
Alpharetta	146.9
Milton	146.7
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.

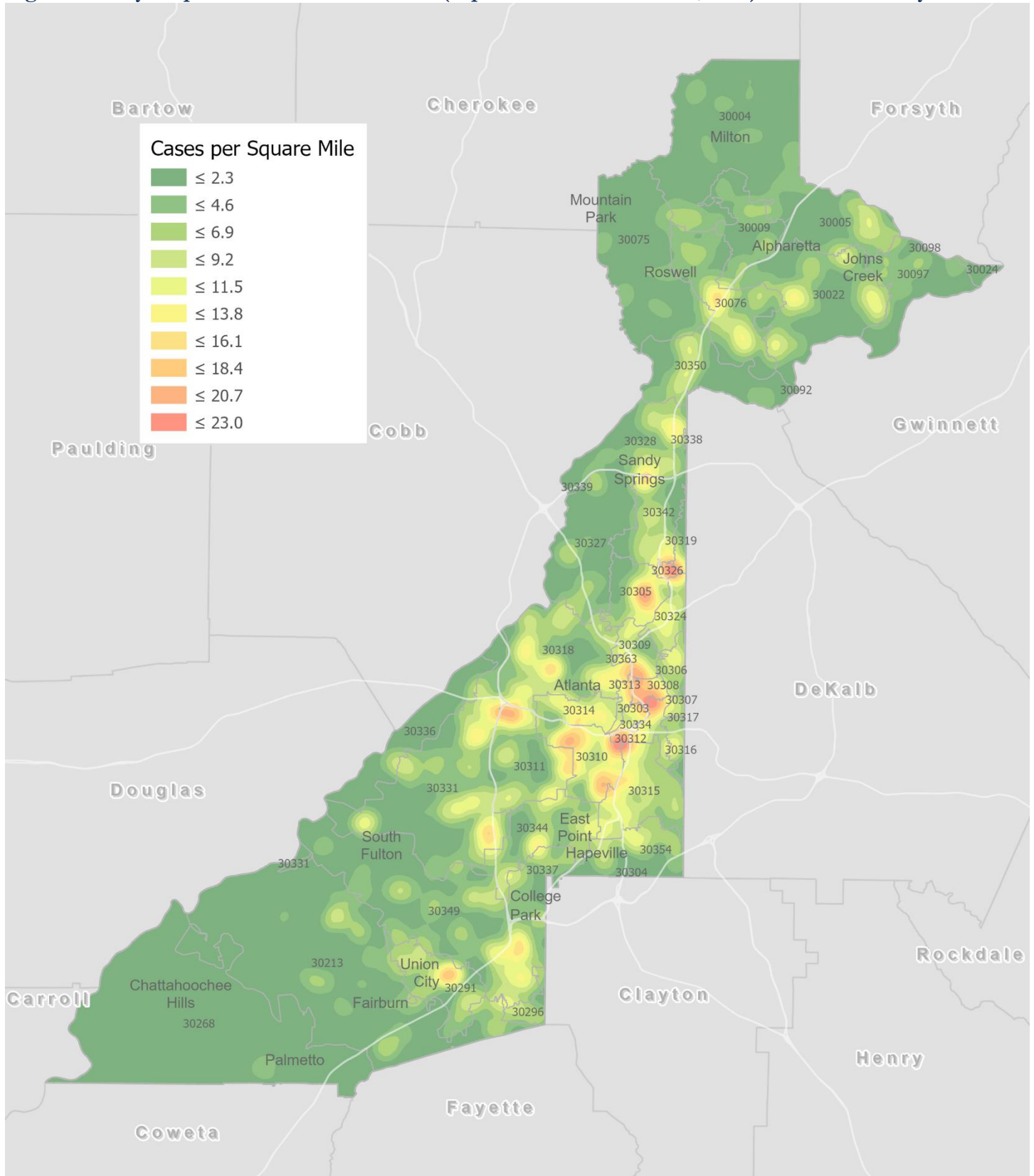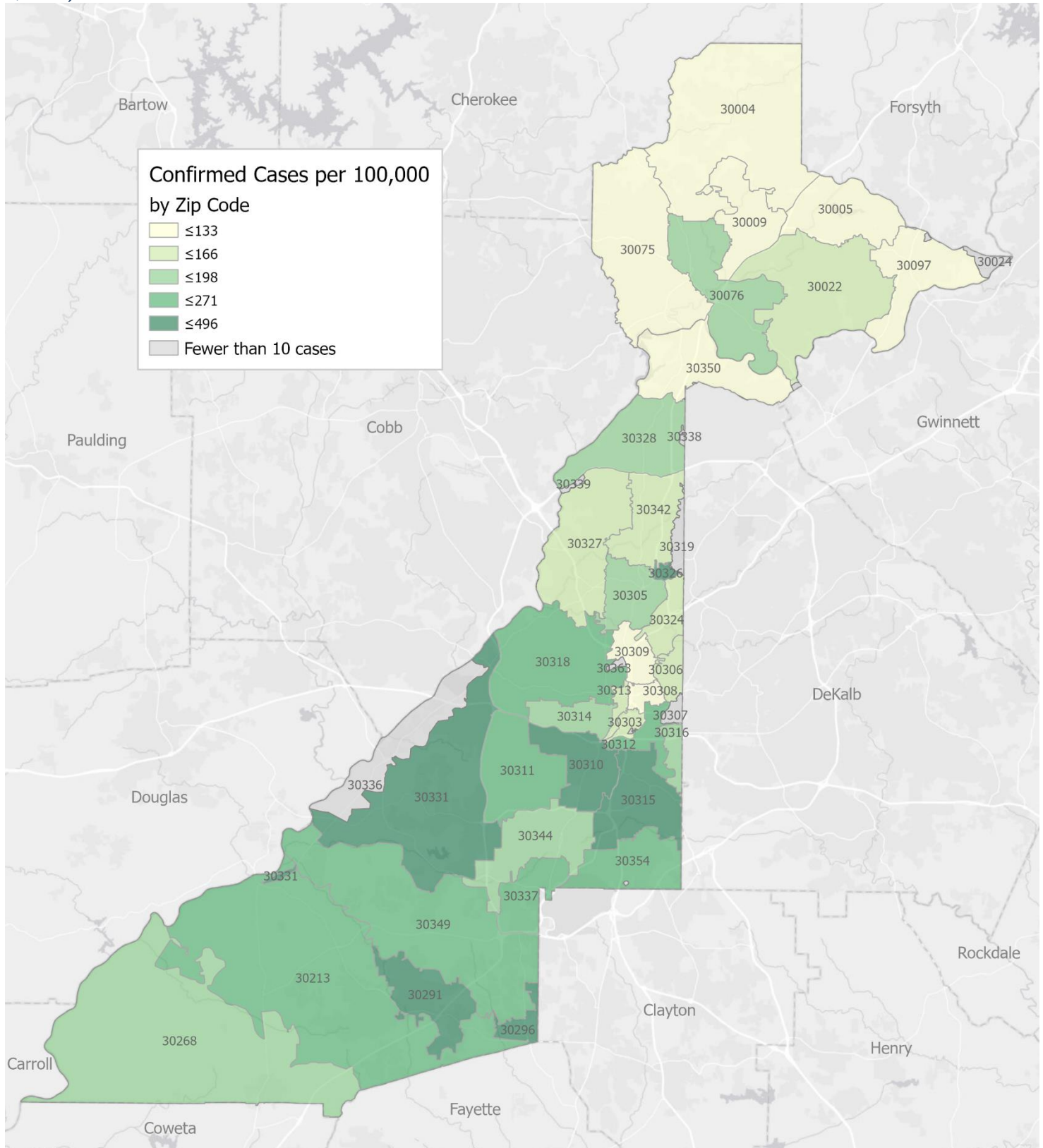**Fig. 9. Density Map – New COVID-19 Cases (September 22 – October 5, 2021) in Fulton County**

Fig. 10. New COVID-19 Diagnoses Rates (per 100,000 population) by Zip Code (September 22 – October 5, 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 (9/22– 10/5)	Previous 14-day reporting period (9/8– 9/21)	% Change between reporting periods[2]
All Fulton	**2344**	**3593**	**↓ 34.8%**
30004	73	157	↓ 53.5%
30005	45	68	↓ 33.8%
30009	25	45	↓ 44.4%
30022	108	146	↓ 26.0%
30023	<10	0	-
30024	<10	<10	-
30075	46	108	↓ 57.4%
30076	93	126	↓ 26.2%
30080	0	0	-
30097	31	42	↓ 26.2%
30098	0	0	-
30135	0	0	-
30138	0	0	-
30139	0	0	-
30213	102	180	↓ 43.3%
30268	18	36	↓ 50.0%
30291	74	125	↓ 40.8%
30296	17	19	↓ 10.5%
30301	0	<10	↓ 100.0%
30303	14	24	↓ 41.7%
30305	58	48	↑ 20.8%
30306	25	31	↓ 19.4%
30307	10	16	↓ 37.5%
30308	29	58	↓ 50.0%
30309	47	57	↓ 17.5%
30310	110	149	↓ 26.2%
30311	105	168	↓ 37.5%
30312	55	92	↓ 40.2%
30313	18	32	↓ 43.8%
30314	52	110	↓ 52.7%
30315	121	181	↓ 33.1%
30316	20	26	↓ 23.1%
30318	154	256	↓ 39.8%
30319	12	13	↓ 7.7%
30321	0	0	-
30324	51	71	↓ 28.2%
30326	25	18	↑ 38.9%
30327	43	55	↓ 21.8%
30328	70	95	↓ 26.3%
30331	205	319	↓ 35.7%
30334	0	<10	↓ 100.0%
30336	<10	12	↓ 50.0%
30337	31	43	↓ 27.9%

Zip Code	Recent 14-day reporting period (9/22– 10/5)	Previous 14-day reporting period (9/8– 9/21)	% Change between reporting periods
30338	<10	<10	-
30339	<10	<10	-
30340	0	0	-
30341	0	0	-
30342	67	61	↑ 9.8%
30344	76	141	↓ 46.1%
30345	0	0	-
30349	177	270	↓ 34.4%
30350	55	84	↓ 34.5%
30354	50	81	↓ 38.3%
30358	0	0	-
30363	<10	<10	-
30374	0	<10	↓ 100.0%
30606	0	0	-
31131	<10	0	-
31150	0	0	-
Unknown	14	<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 both 2 week intervals are not reported.*

COVID-19 HOSPITALIZATIONS, ICU ADMISSIONS AND DEATHS IN FULTON

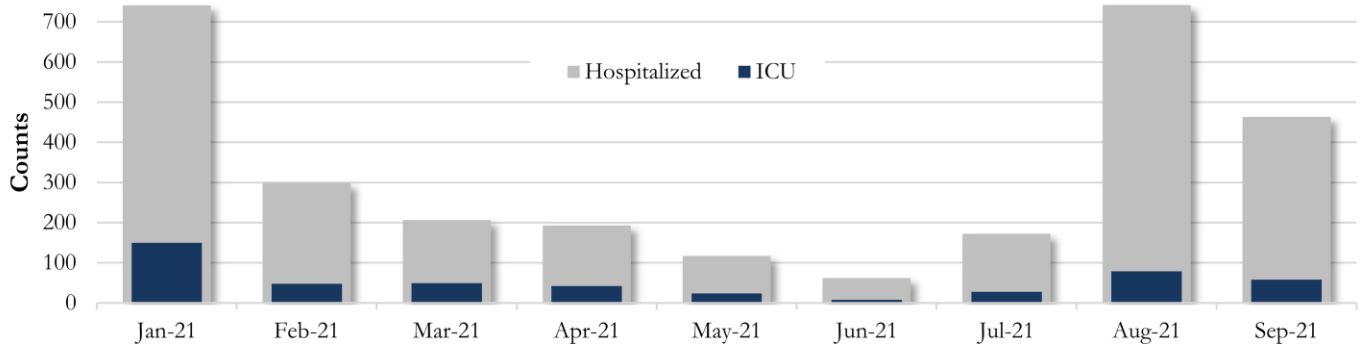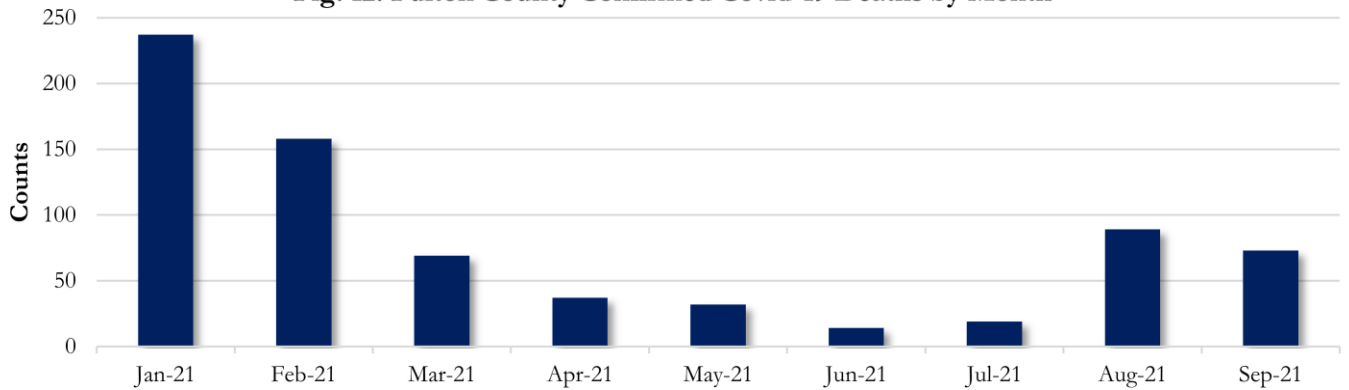**Fig. 11. Fulton County Covid-19 Cases Hospitalized and Admitted to ICU by Month**

■ Hospitalized ■ ICU

Counts

Jan-21 Feb-21 Mar-21 Apr-21 May-21 Jun-21 Jul-21 Aug-21 Sep-21
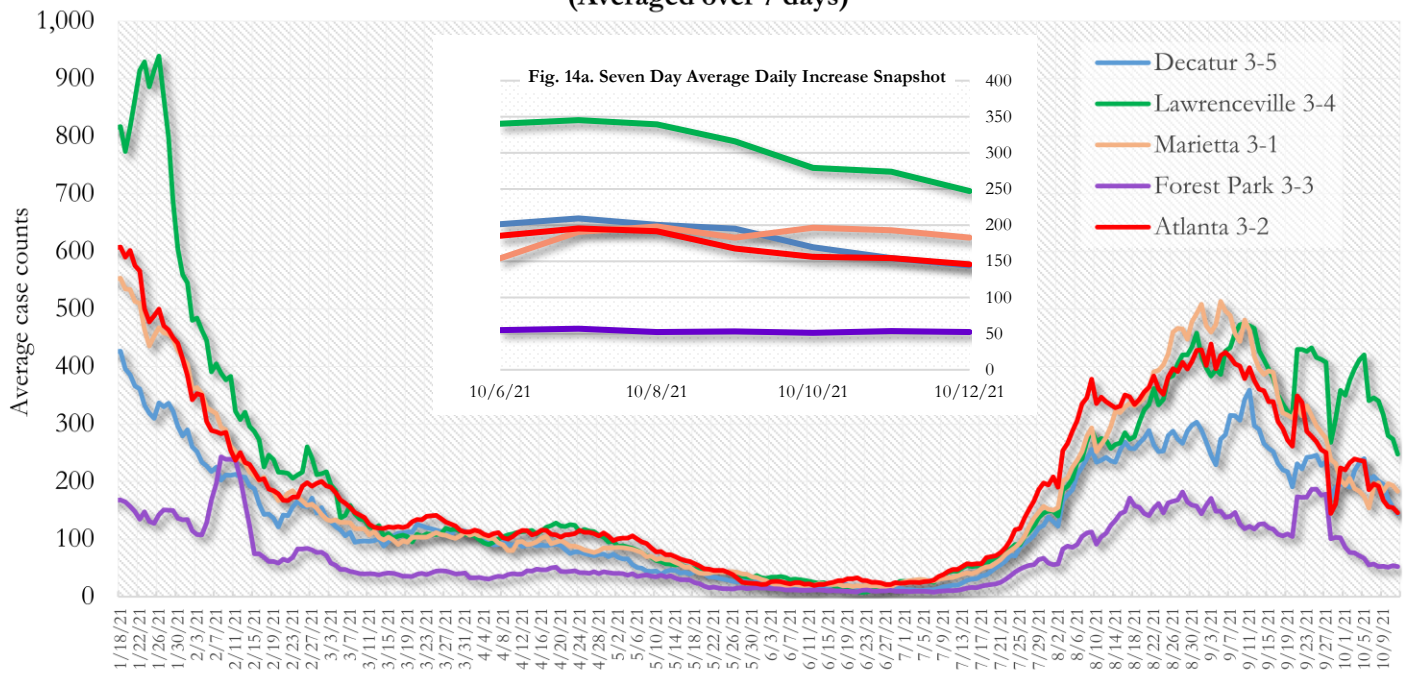
Fig. 12. Fulton County Confirmed Covid-19 Deaths by Month

Counts

Jan-21 Feb-21 Mar-21 Apr-21 May-21 Jun-21 Jul-21 Aug-21 Sep-21

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

Percent of COVID-19 cases

5.7%   0.9%   0.4%   1.3%

Hospitalized   Admitted to ICU   Intubated   Died
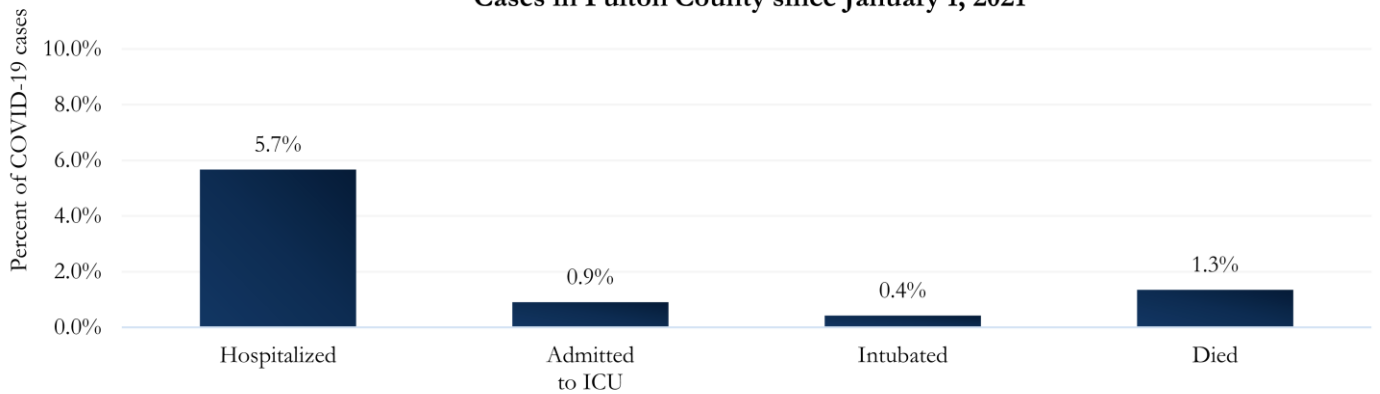
COVID-19 CASE TRENDS IN FULTON AND SURROUNDING DISTRICTS

Fig. 14. Daily Case Counts for Atlanta Metro Districts
(Averaged over 7 days)

Fig. 14a. Seven Day Average Daily Increase Snapshot

Decatur 3-5
Lawrenceville 3-4
Marietta 3-1
Forest Park 3-3
Atlanta 3-2

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 8 – October 5, 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	**109554**		**5937**		**1561**		**49**	
Female	58254	53.2%	3213	54.1%	745	47.7%	25	51.0%
Male	50769	46.3%	2664	44.9%	816	52.3%	24	49.0%
Unknown*	531	<1%	60	<1%	0	-	0	-
0-9	5866	5.4%	667	11.2%	0	-	0	-
10-19	13180	12.0%	947	16.0%	<10	<1%	0	-
20-29	23629	21.6%	976	16.4%	<10	<1%	0	-
30-39	20964	19.1%	1161	19.6%	36	2.3%	0	-
40-49	16326	14.9%	825	13.9%	54	3.5%	<10	2.0%
50-59	13992	12.8%	621	10.5%	157	10.1%	<10	12.2%
60-69	8283	7.6%	426	7.2%	294	18.8%	11	22.4%
≥70	7236	6.6%	307	5.2%	1014	65.0%	31	63.3%
Unknown*	78	<1%	<10	<1%	0	-	0	-
Asian, NH	4104	3.7%	219	3.7%	24	1.5%	0	-
Black, NH	49391	45.1%	3134	52.8%	981	62.8%	27	55.1%
White, NH	34089	31.1%	1213	20.4%	481	30.8%	16	32.7%
Hispanic, all races	10853	9.9%	421	7.1%	61	3.9%	<10	2.0%
Other, NH	3469	3.2%	144	2.4%	13	<1%	<10	8.2%
Unknown*	7648	7.0%	806	13.6%	<10	<1%	<10	2.0%

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.

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.

Fig. 15. Percent Complete Vaccination and COVID-19 Case Rate (per 100,000 population) by Census Tract September 13 – October 10, 2021
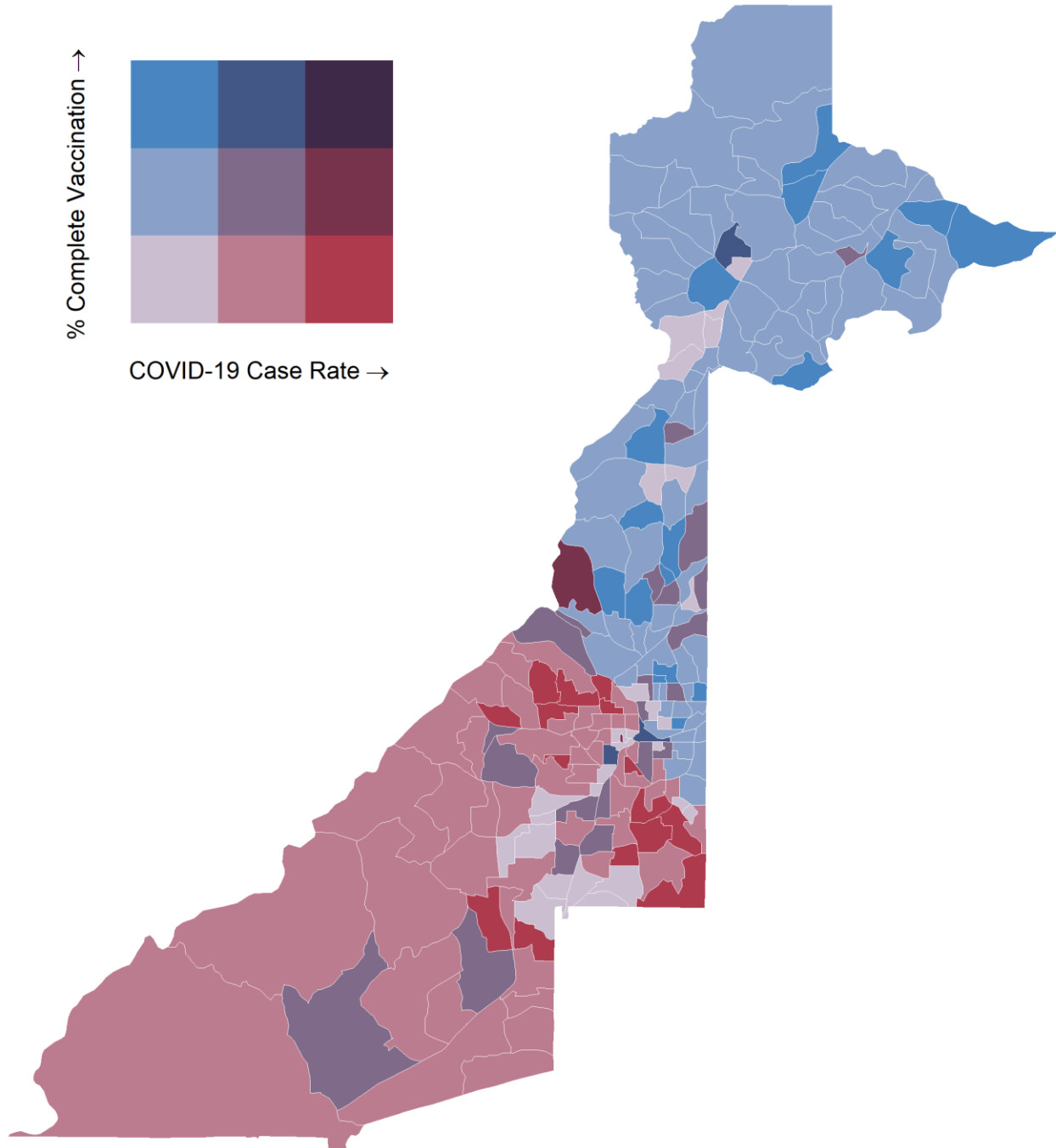
How to interpret these colors: The darker the blue, the better. The upper most blue box indicates low COVID-19 case rates and high vaccination coverage. Red is not ideal as red indicates high COVID-19 case rates and low vaccination coverage. Colors in between indicate varying combinations of COVID-19 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
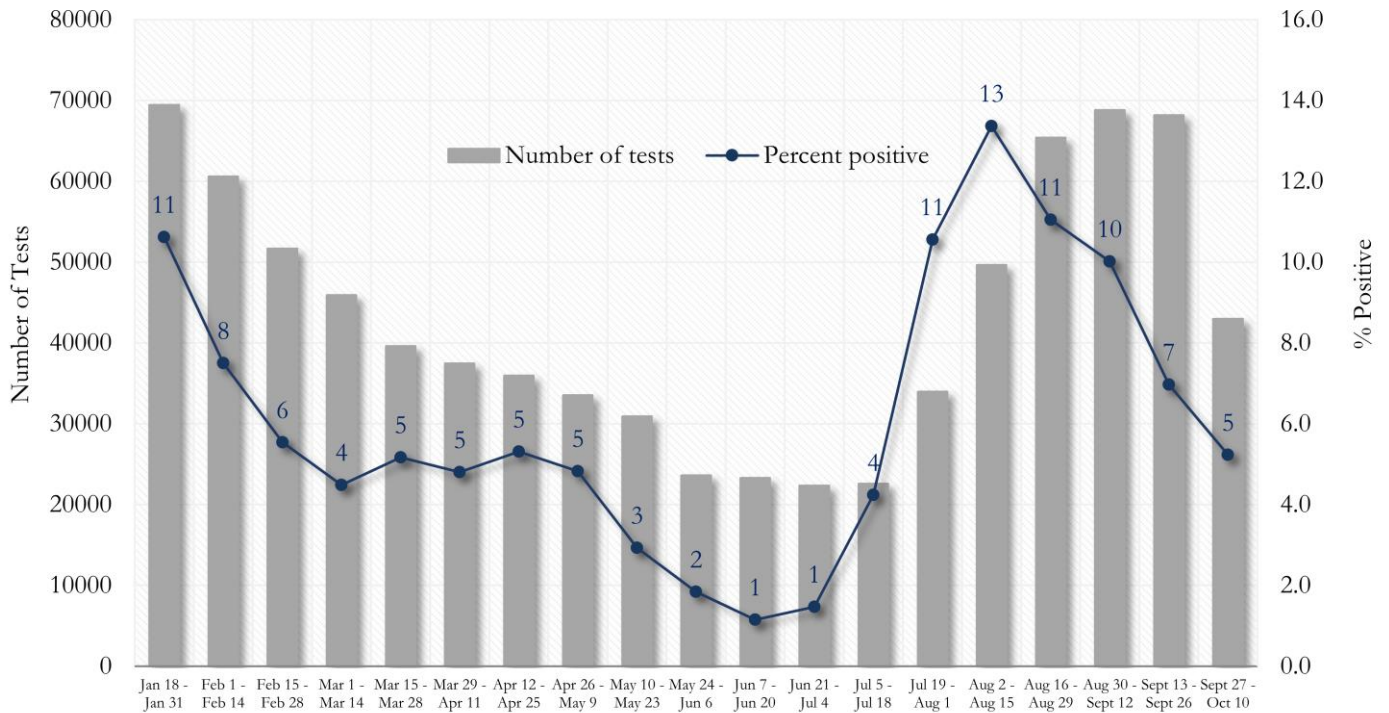
Data on Polymerase Chain Reaction (PCR) tests only included.

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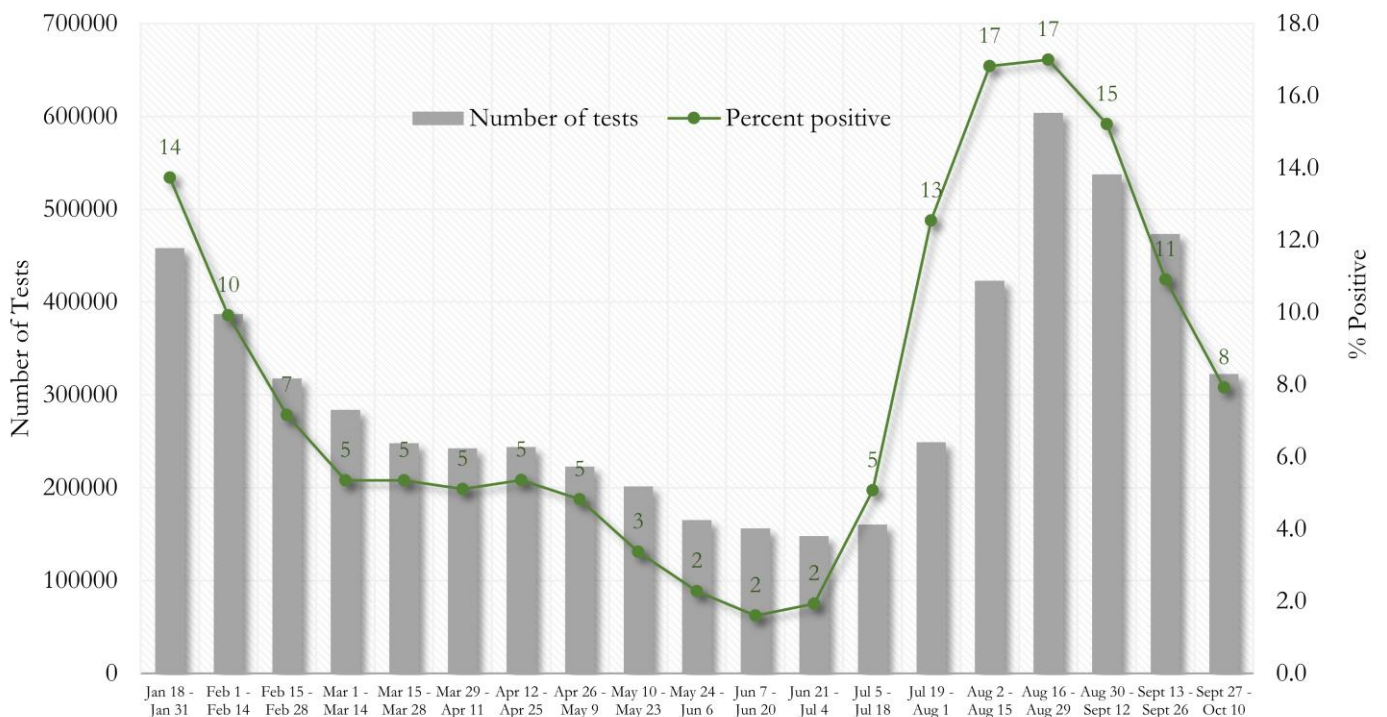
Data on Polymerase Chain Reaction (PCR) tests only included.

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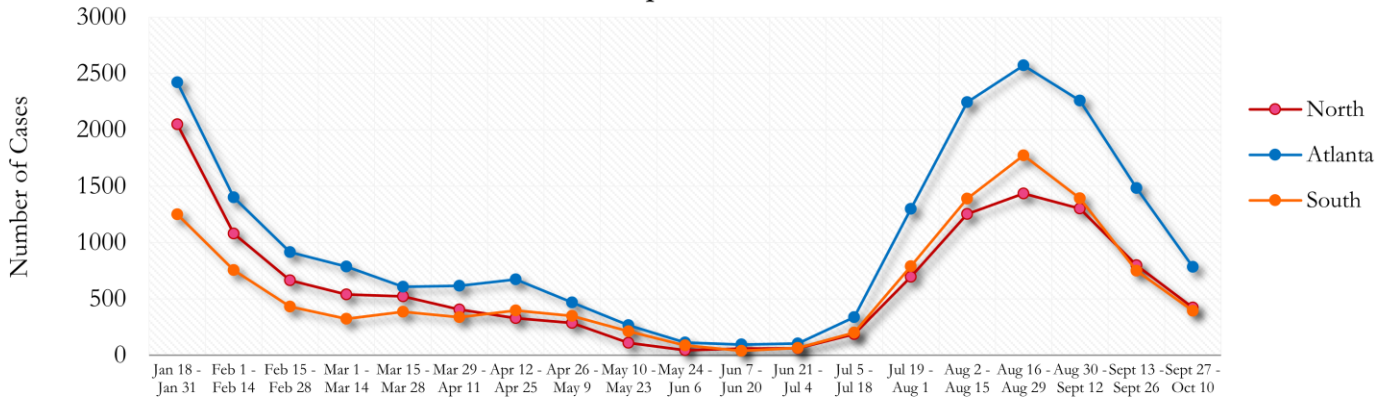
In the past two weeks, Atlanta accounted for the majority of new cases.
*North -Includes all Fulton cities north of Atlanta (Alpharetta, Johns Creek, Milton, Mountain Park, Roswell, Sandy Springs)
*South - Includes all Fulton cities south of Atlanta (Chattahoochee Hills, College Park, East Point, Fairburn,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

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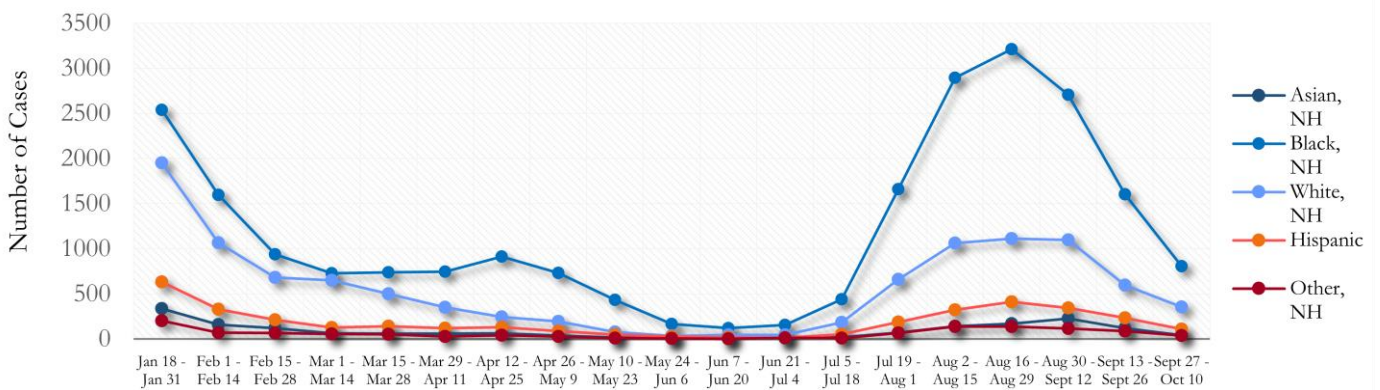
Fig. 20. Racial Distribution of Covid-19 Cases in Fulton County by 14-day periods
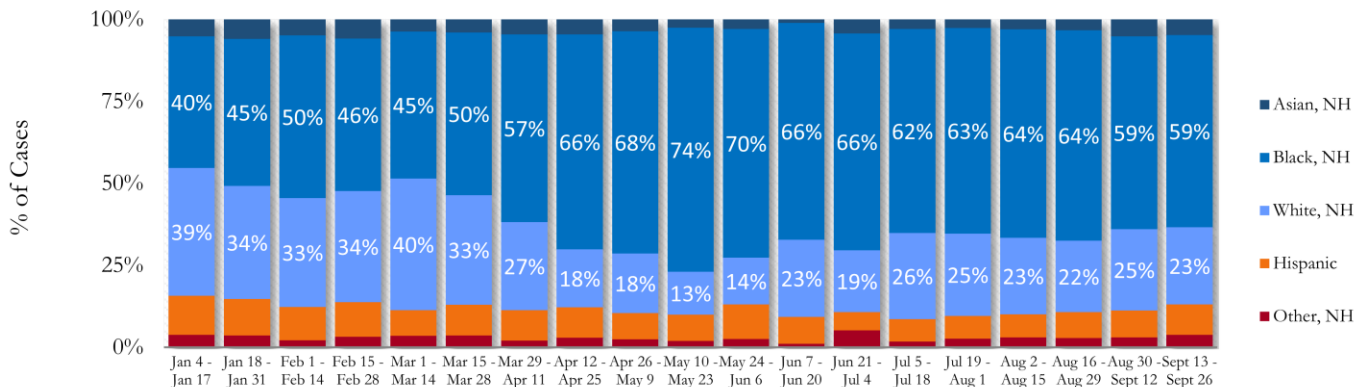
About 7% of all Fulton County COVID cases are missing data on patient race and ethnicity and in the past two weeks, about 18% of cases are missing this data. Percentages do not include the missing data and thus are subject to change as data are cleaned.

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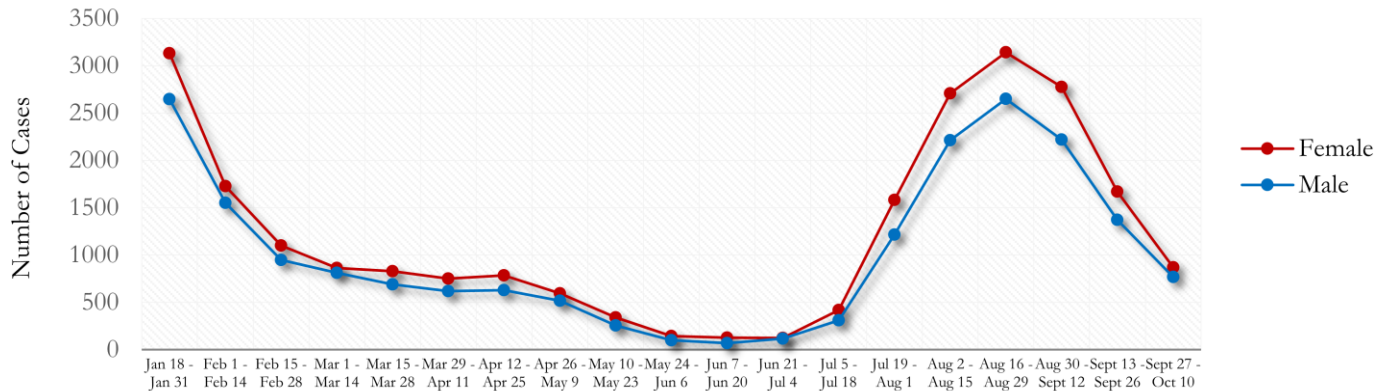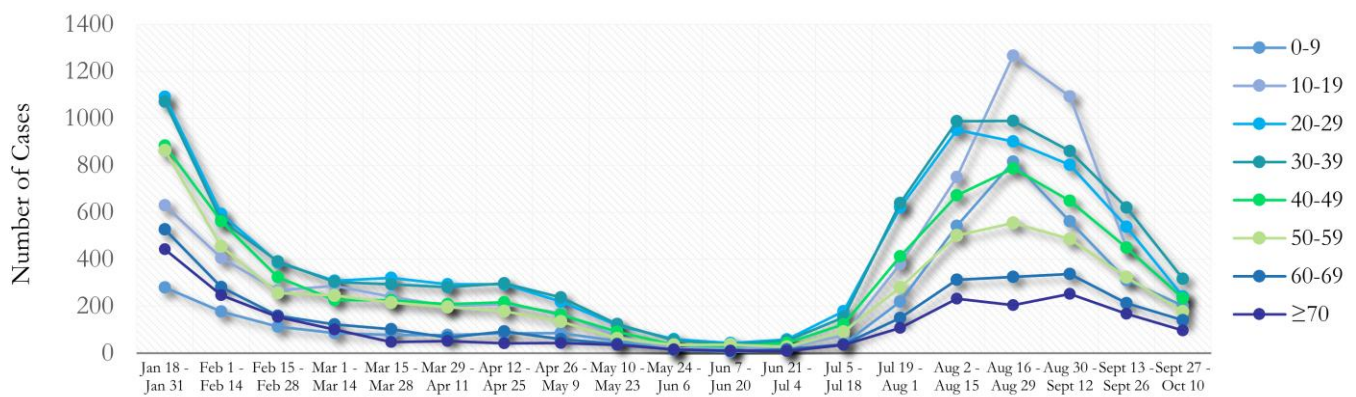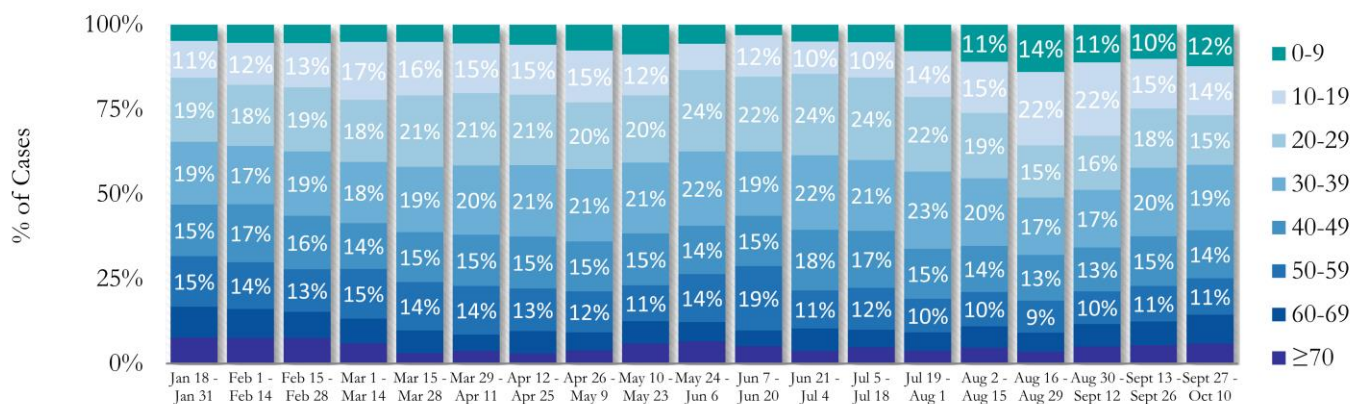

Fig. 22. Trends in Age Distribution of Covid-19 Cases in Fulton County by 14-day periods

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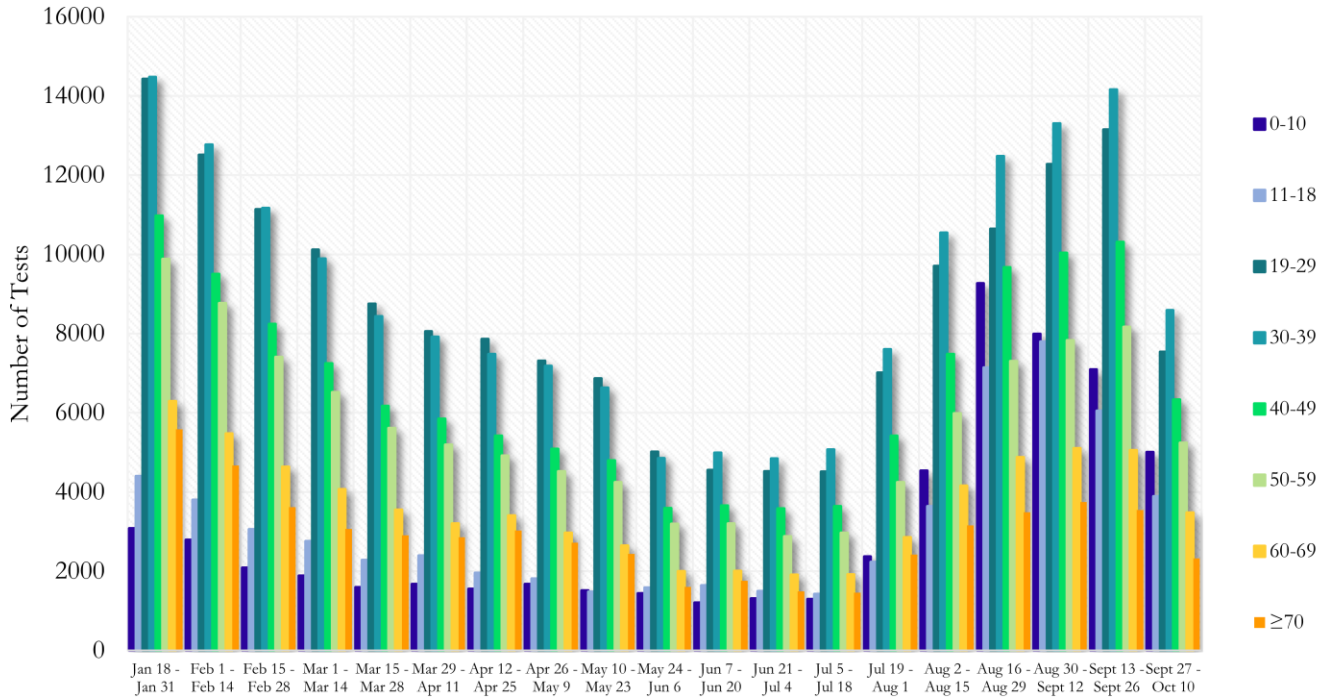
Fig. 23. Age Distribution of Covid-19 Cases in Fulton County by 14-day periods

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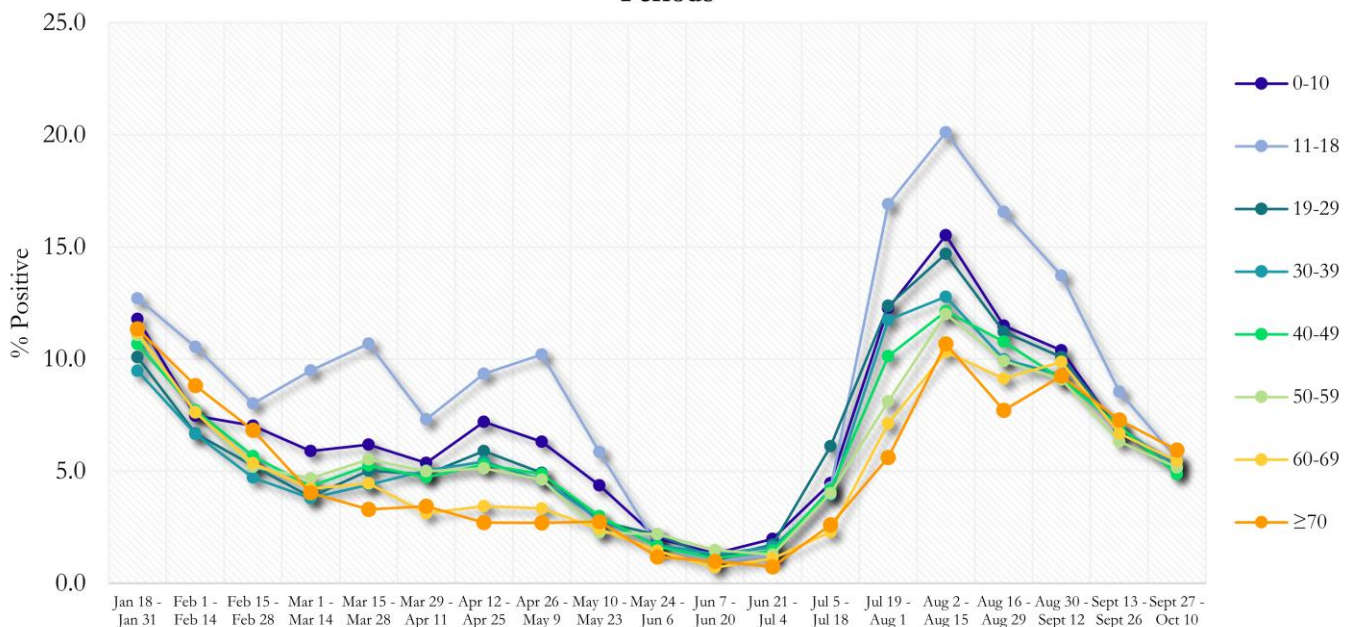
COVID-19 TESTING AND POSITIVITY IN FULTON COUNTY BY AGE AND RACE

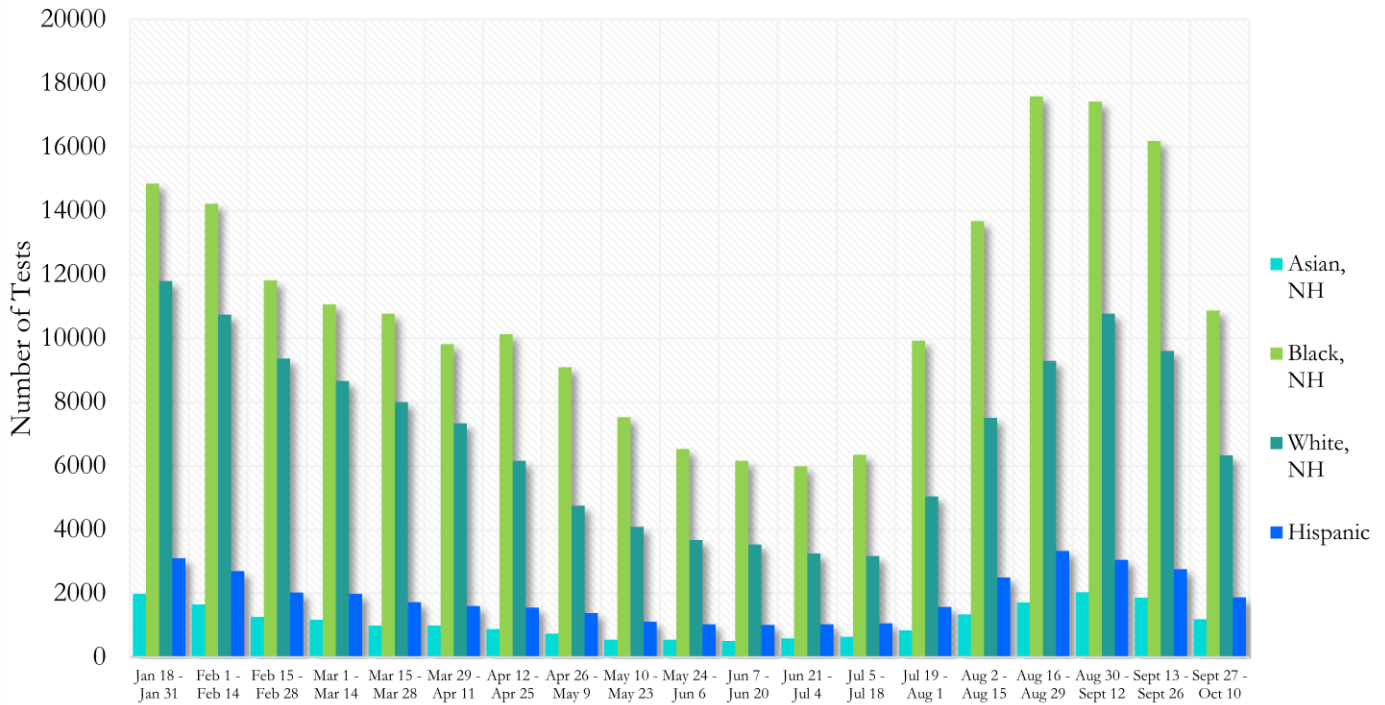**Fig. 24. Covid-19 Tests by Age in Fulton County by 14-day Periods**

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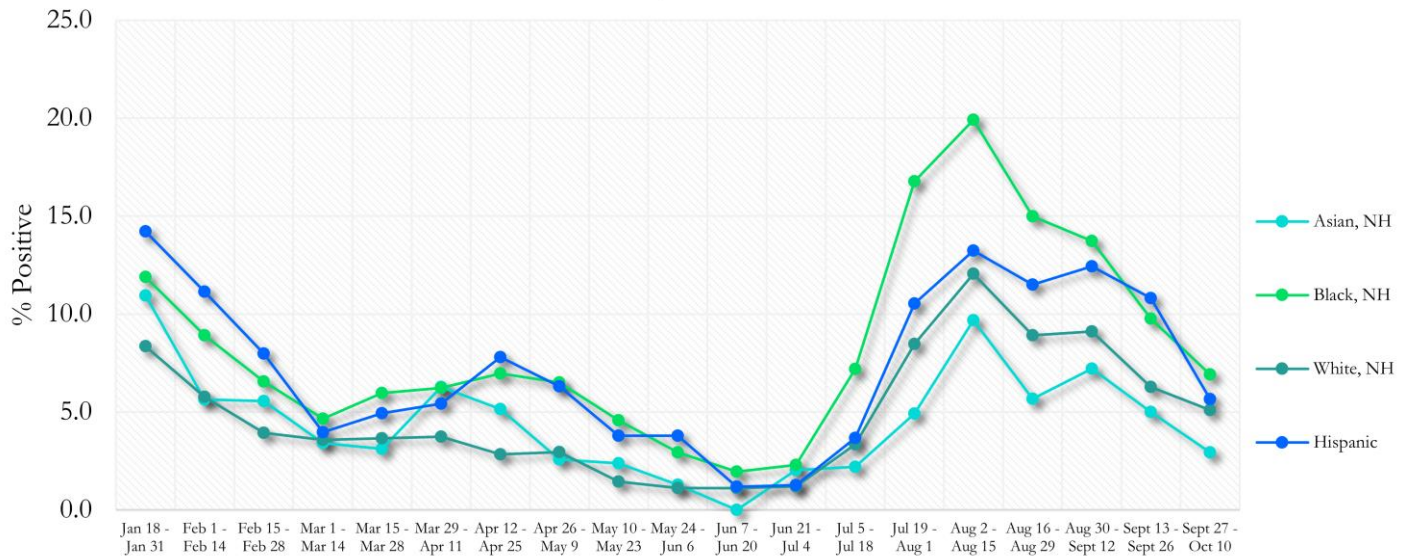
Data on Polymerase Chain Reaction (PCR) tests only included.

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.