**FULTON COUNTY BOARD OF HEALTH**

SUMMARY

- As of September 10, 2021, Fulton County has recorded **101,857 confirmed cases** and **19,289 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 September 10, 2021, Fulton County has recorded **1,435 confirmed COVID-19 deaths.** 170 deaths are currently under review by GA DPH to confirm cause of death.
- By city, new confirmed COVID-19 case rates range from 309.7 per 100,000 persons (Johns Creek) to 1426.5 per 100,000 persons (Union City). **[Fulton County Diagnoses Rates (per 100,000 persons): Cumulative – 9266.6; Incidence – 530.8**]. See map showing incident case rate by ZIP code on Pg.7.
- Of all PCR testing done in Fulton County between August 16 and August 29, **the percent positivity rate was 11.7%.**

Fig 1. Daily and Cumulative Confirmed and Probable COVID-19 cases in Fulton County, GA
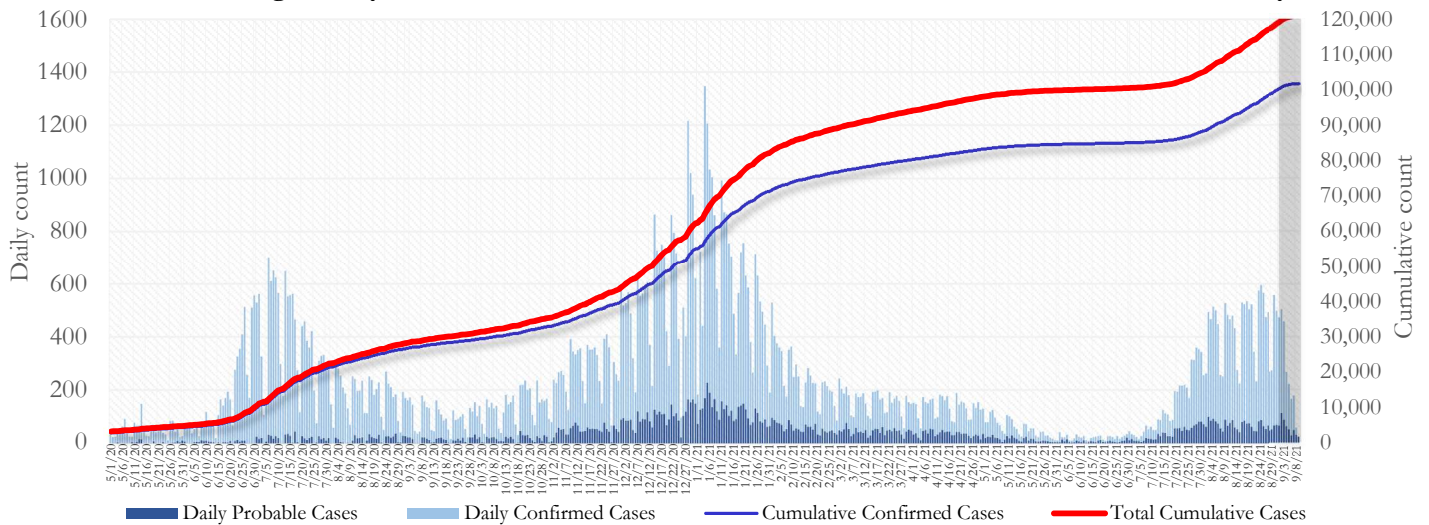
Counts shown reflect the number of cases as of 9:00 am on 9/10/21 using the date of first positive sample collection. Where date of sample collection was not available or missing, the date of report creation in GA SendSS was used instead. The Georgia Department of Health defines a confirmed cases as 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: 41% of the new COVID-19 cases in the past 2 weeks occurred in Atlanta while 25% and 31% occurred in the Northern and Southern regions of the county respectively.

Fulton Region	% Cumulative count	% New cases*
Atlanta	42.9%	41.0%
North[1]	32.2%	25.2%
South[2]	21.6%	30.8%
Unincorporated/Unknown	3.3%	3.1%

[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 8/20/21 – 9/2/21).
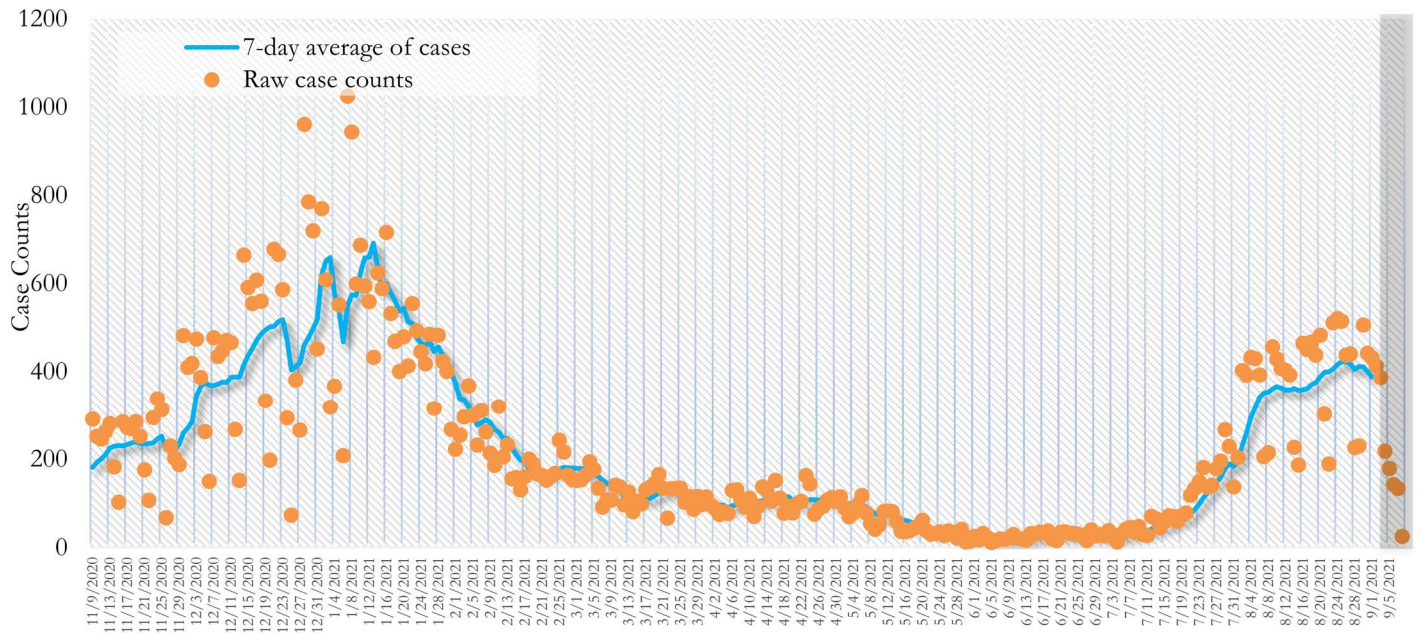
In the recent two week reporting period (8/20-9/2), there were more new cases of COVID-19 in Fulton County than the previous two weeks (8/6-8/19).
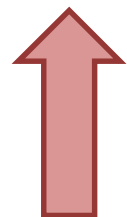
*Delayed a week to account for testing results turnaround time.

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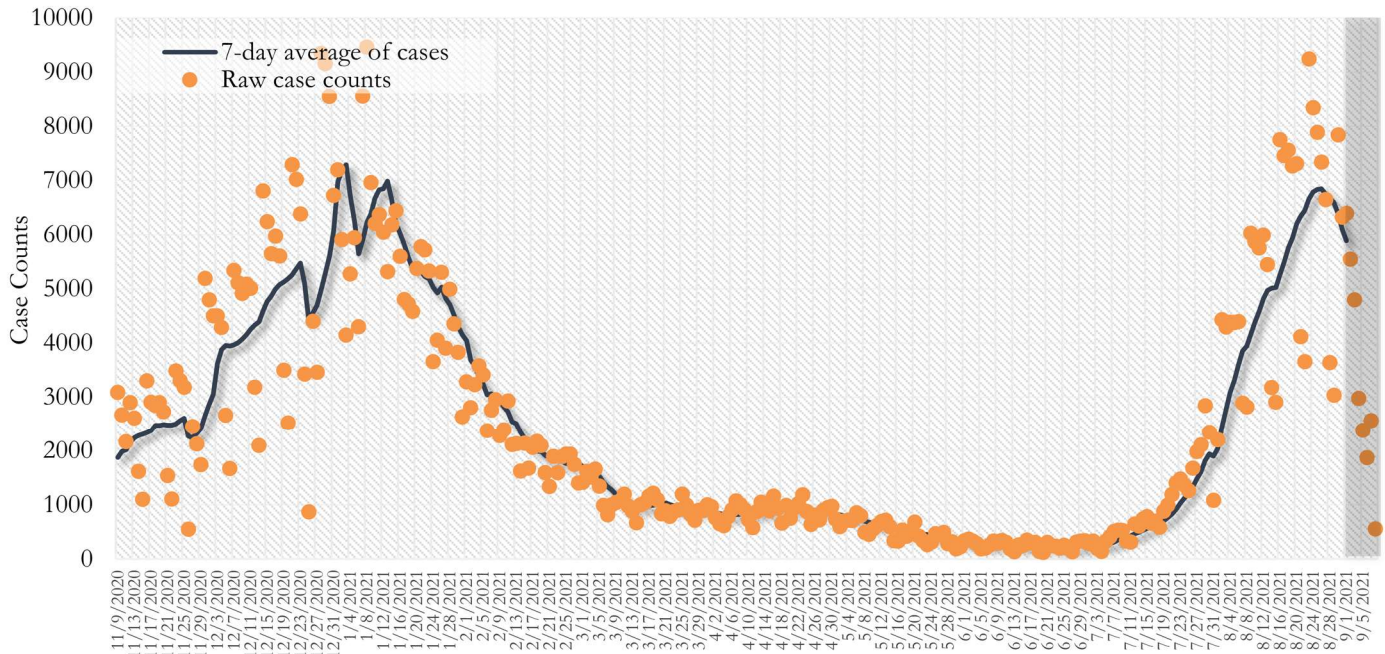
*Date of collection of first positive sample used (report creation date used where sample collection date is missing). Graph above reflects the trend in COVID-19 diagnosis. Due to the high volume of testing in recent weeks, there have been delays in reporting lab results. Thus, the trend is subject to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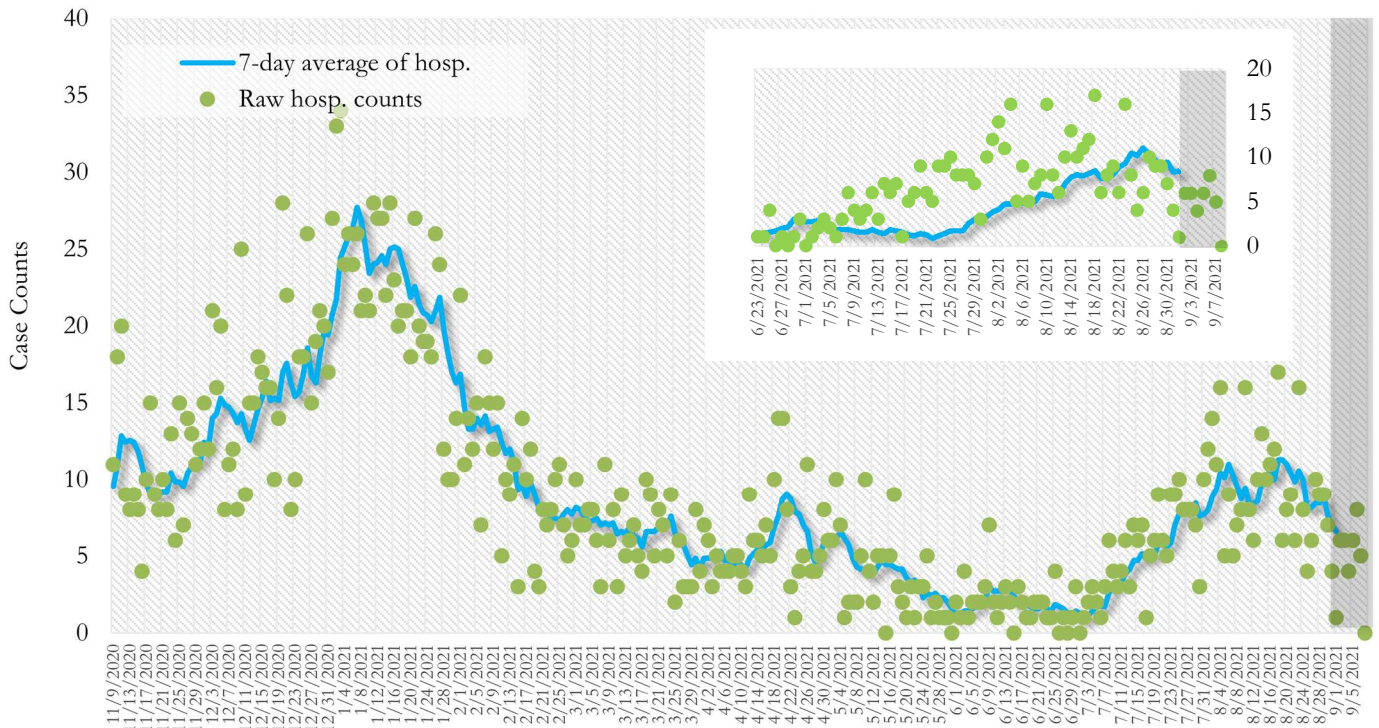
*Reported date of hospital admission used. Graph above reflects the trend in COVID-19 hospitalizations. Due to the high volume of new cases being added daily, there have been delays in reporting hospitalization data. Thus, the trend is likely to change as more hospitalization data is reported in the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

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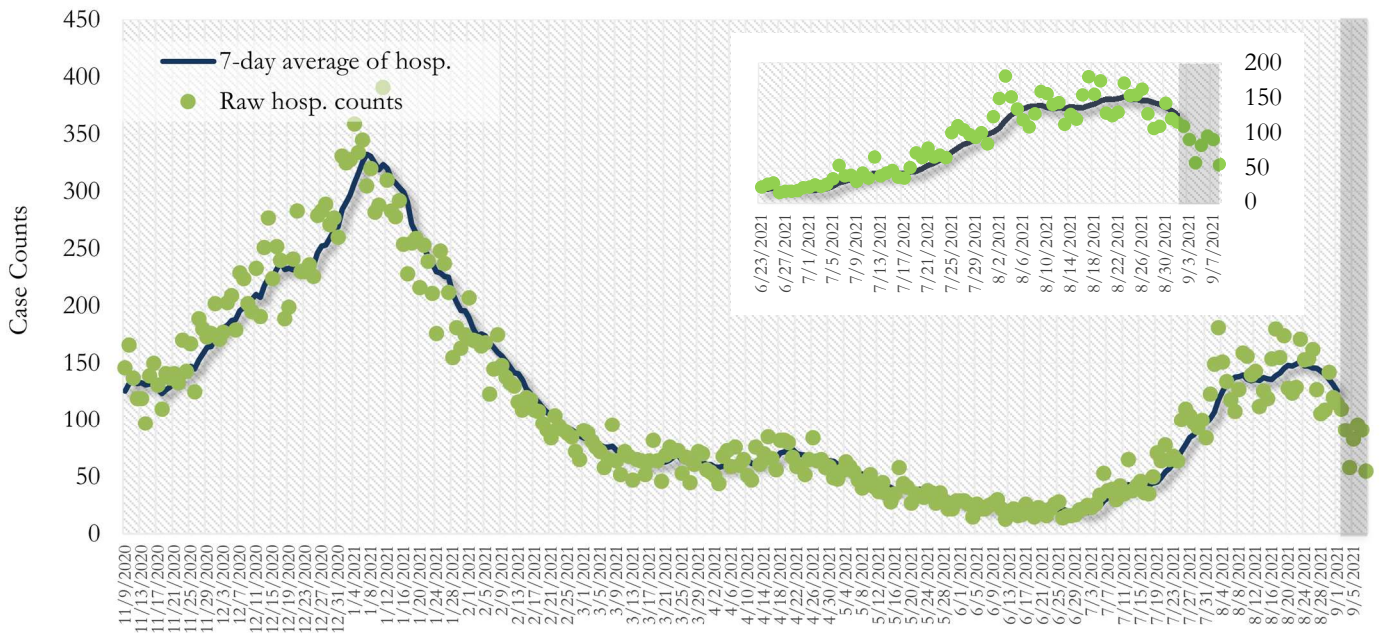

*Reported date of hospital admission used. Graph above reflects the trend in COVID-19 hospitalizations. Due to the high volume of new cases being added daily, there have been delays in reporting hospitalization data. Thus, the trend is likely to change as more hospitalization data is reported in the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

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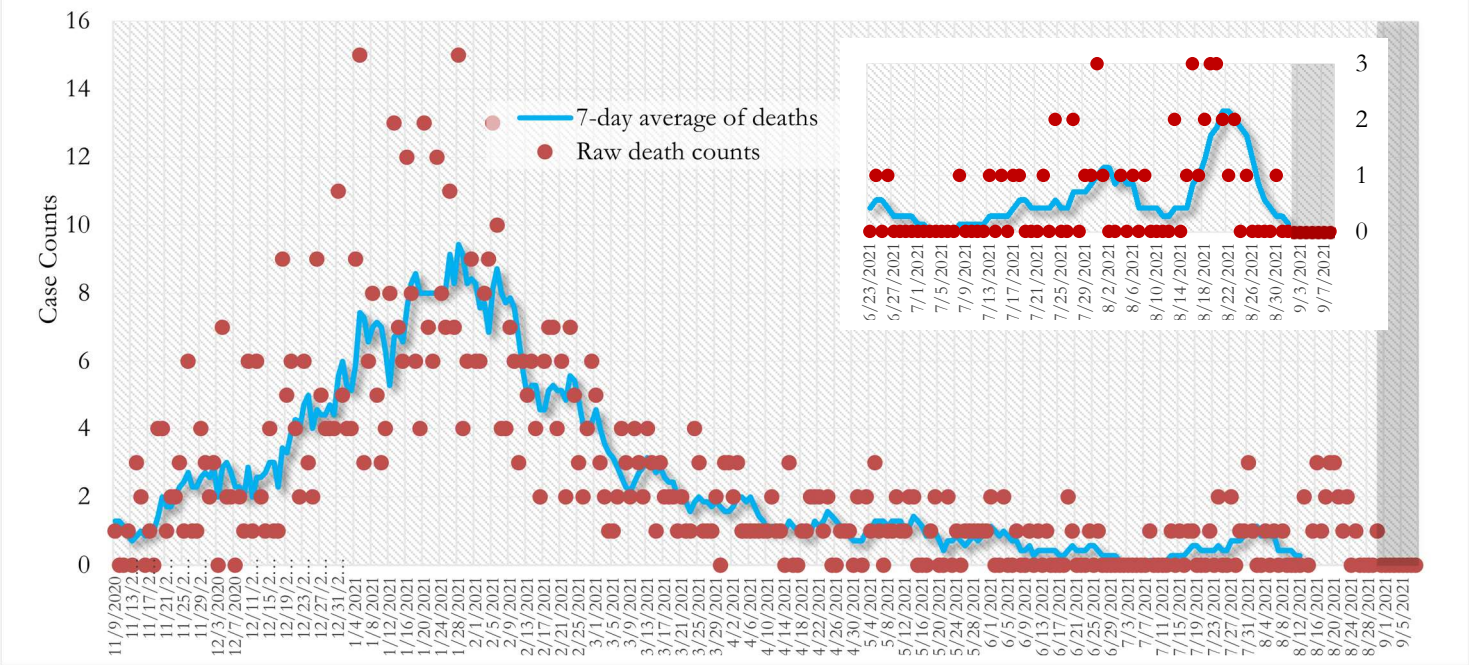
Reported date of death used. Graph above reflects the trend in deaths attributed to COVID-19. The trend is likely to change as more data on deaths among persons with COVID-19 is reported in the state surveillance database.

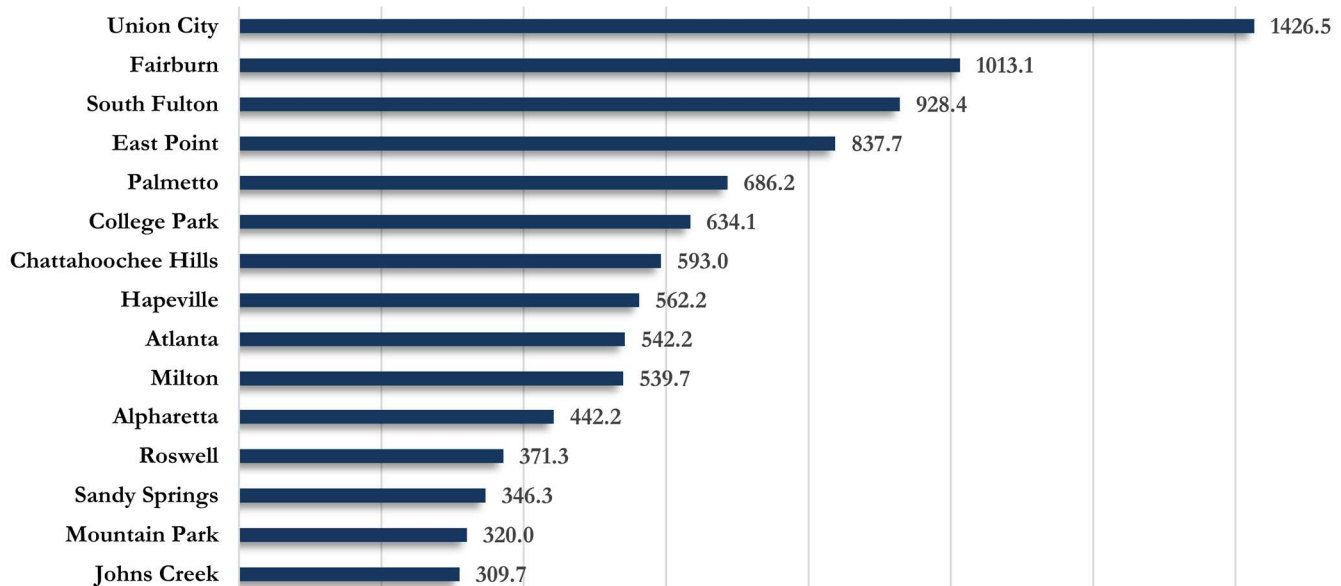## Fig. 7. COVID-19 Deaths in Georgia State Daily (Averaged over 7 days)
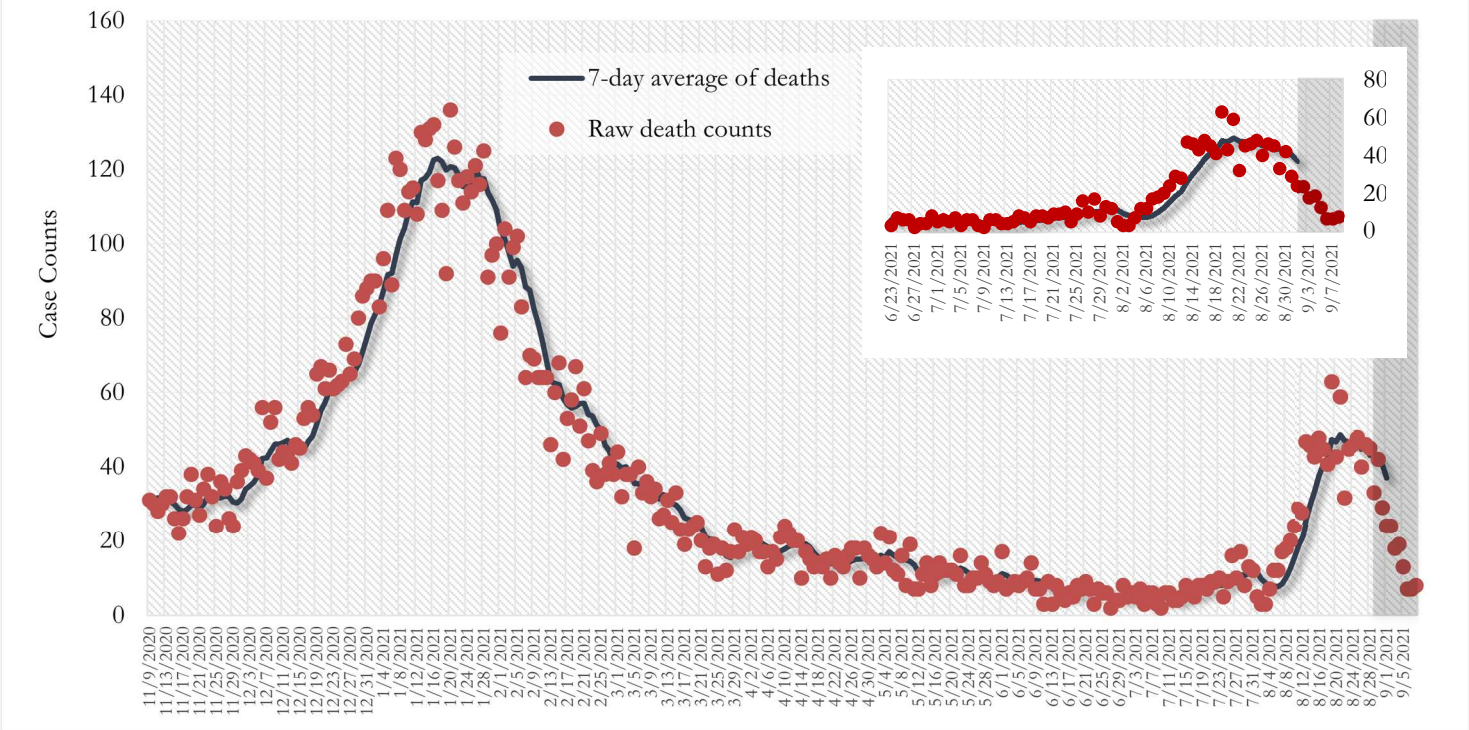
Reported date of death used. Graph above reflects the trend in deaths attributed to COVID-19. The trend is likely to change as more data on deaths among persons with COVID-19 is reported in the state surveillance database.

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]	14-Day Incidence Rate[3]
	8/20-9/2	*8/6-8/19*		
Alpharetta	286	211	↑ 35.5%	442.2
Atlanta	2392	2139	↑ 11.8%	542.2
Chattahoochee Hills	17	10	↑ 70.0%	593.0
College Park	88	87	↑ 1.1%	634.1
East Point	293	216	↑ 35.6%	837.7
Fairburn	149	87	↑ 71.3%	1013.1
Hapeville	37	54	↓ 31.5%	562.2
Johns Creek	259	250	↑ 3.6%	309.7
Milton	206	133	↑ 54.9%	539.7
Mountain Park	<10	<10	↓ 33.3%	320.0
Palmetto	30	30	-	686.2
Roswell	350	312	↑ 12.2%	371.3
Sandy Springs	365	329	↑ 10.9%	346.3
South Fulton	883	726	↑ 21.6%	928.4
Union City	299	186	↑ 60.8%	1426.5
Unknown	178	201	-	-

[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	1426.5
Fairburn	1013.1
South Fulton	928.4
East Point	837.7
Palmetto	686.2
College Park	634.1
Chattahoochee Hills	593.0
Hapeville	562.2
Atlanta	542.2
Milton	539.7
Alpharetta	442.2
Roswell	371.3
Sandy Springs	346.3
Mountain Park	320.0
Johns Creek	309.7

*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 (August 20 – September 2, 2021) in Fulton County

Cases per Square Mile

≤ 1.6
≤ 5.0
≤ 8.7
≤ 12.6
≤ 17.0
≤ 21.6
≤ 26.6
≤ 33.2
≤ 43.8
≤ 58.5

Fig. 10. New COVID-19 Diagnoses Rates (per 100,000 population) by Zip Code (Aug 20 – Sept 2, 2021)
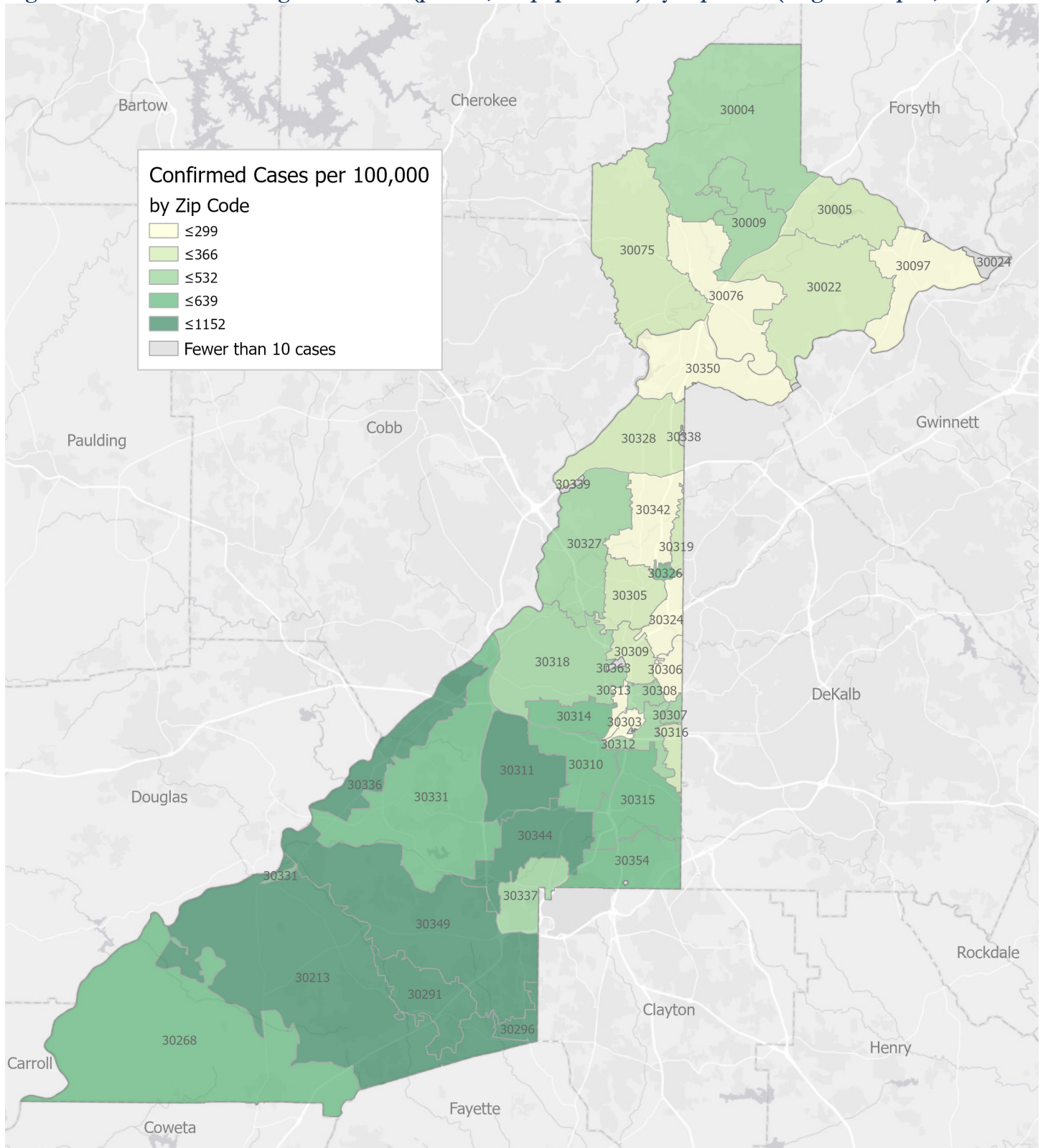
Rates shown are per 100,000 populations.

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 (8/20– 9/2)	Previous 14-day reporting period (8/6– 8/19)	% Change between reporting periods[2]
All Fulton	**5834**	**4976**	**↑ 17.2%**
30004	269	206	↑ 30.6%
30005	140	134	↑ 4.5%
30009	83	65	↑ 27.7%
30022	247	218	↑ 13.3%
30023	<10	0	-
30024	<10	<10	-
30075	187	166	↑ 12.7%
30076	152	132	↑ 15.2%
30080	0	0	-
30097	61	41	↑ 48.8%
30098	0	0	-
30135	0	0	-
30138	0	0	-
30139	0	0	-
30213	396	251	↑ 57.8%
30268	50	47	↑ 6.4%
30291	283	197	↑ 43.7%
30296	44	35	↑ 25.7%
30301	<10	<10	-
30303	30	19	↑ 57.9%
30305	117	83	↑ 41.0%
30306	41	36	↑ 13.9%
30307	28	15	↑ 86.7%
30308	86	63	↑ 36.5%
30309	103	91	↑ 13.2%
30310	174	163	↑ 6.7%
30311	274	217	↑ 26.3%
30312	119	144	↓ 17.4%
30313	28	22	↑ 27.3%
30314	145	108	↑ 34.3%
30315	252	223	↑ 13.0%
30316	46	58	↓ 20.7%
30318	368	338	↑ 8.9%
30319	28	12	↑ 133.3%
30321	0	0	-
30324	77	61	↑ 26.2%
30326	27	25	↑ 8.0%
30327	101	93	↑ 8.6%
30328	127	131	↓ 3.1%
30331	410	405	↑ 1.2%
30334	<10	<10	-
30336	16	13	↑ 23.1%
30337	64	79	↓ 19.0%

Zip Code	Recent 14-day reporting period (8/20– 9/2)	Previous 14-day reporting period (8/6– 8/19)	% Change between reporting periods
30338	<10	<10	-
30339	40	34	↑ 17.6%
30340	0	0	-
30341	0	0	-
30342	118	103	↑ 14.6%
30344	275	196	↑ 40.3%
30345	0	0	-
30349	533	436	↑ 22.2%
30350	122	122	-
30354	114	142	↓ 19.7%
30358	0	0	-
30363	<10	14	↓ 42.9%
30374	0	<10	↓ 100.0%
30606	0	0	-
31131	<10	0	-
31150	0	0	-
Unknown	30	28	-

[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.*
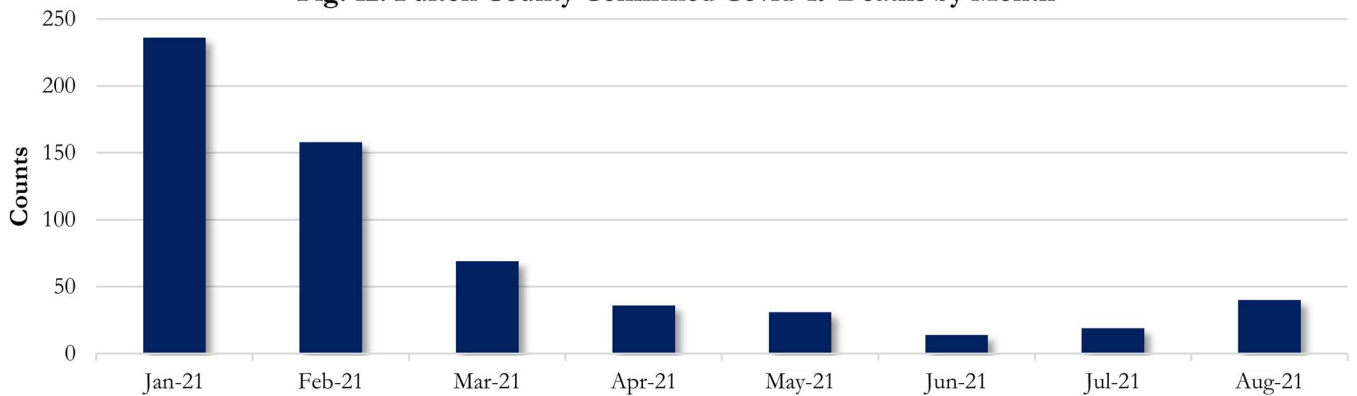
COVID-19 HOSPITALIZATIONS, ICU ADMISSIONS AND DEATHS IN FULTON

**Fig. 11. Fulton County Covid-19 Cases Hospitalized and Admitted to ICU by Month**
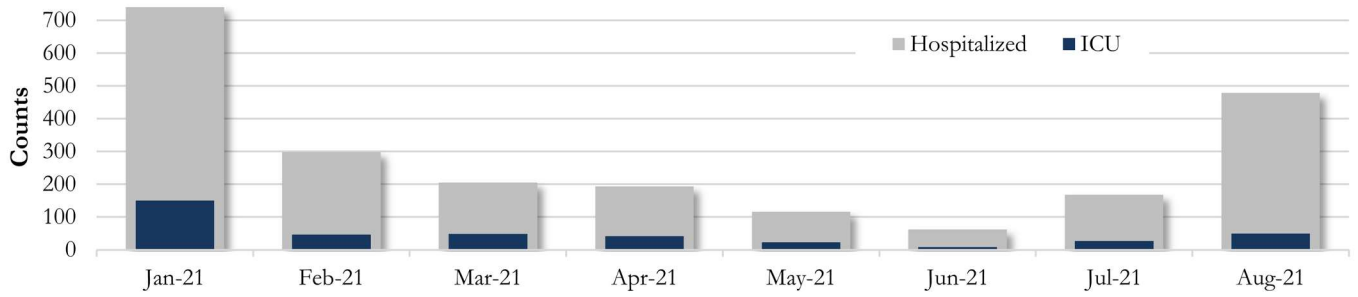
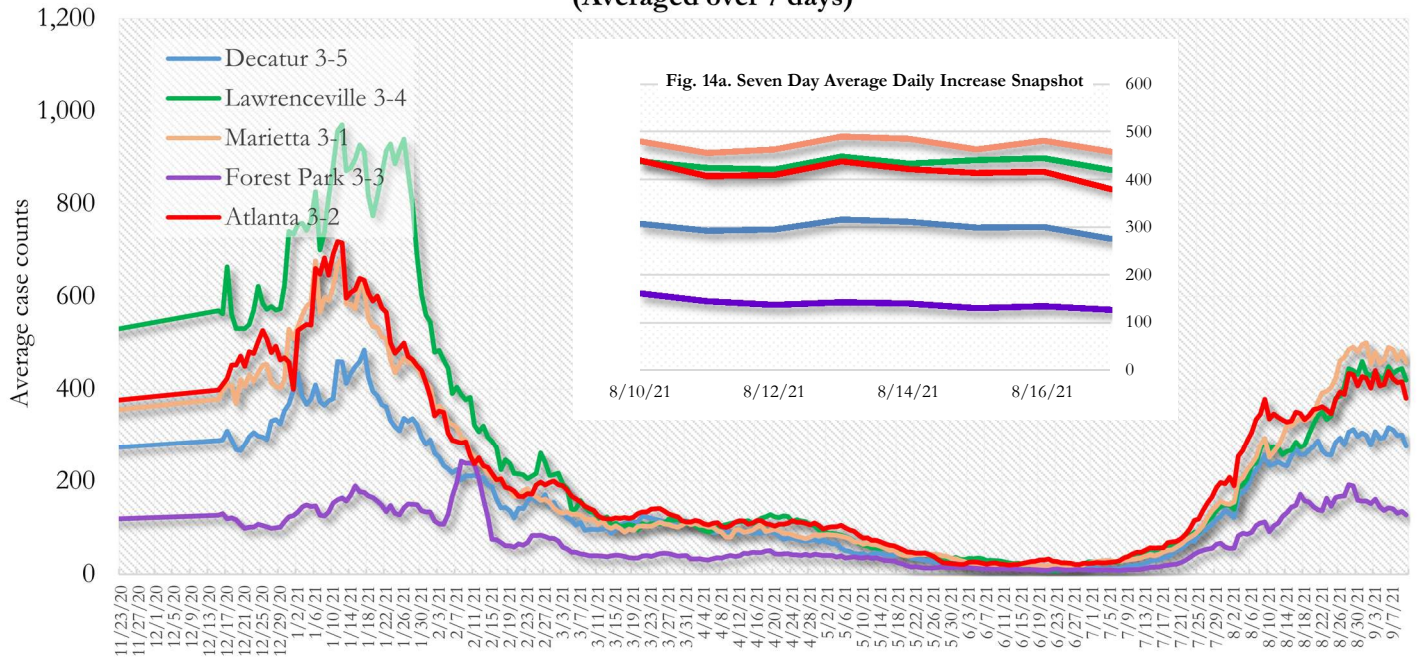**Fig. 12. Fulton County Confirmed Covid-19 Deaths by Month**

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

Fig. 13. Hospitalizations, ICU Admissions, Intubations, and Deaths among all Covid-19 Cases in Fulton County since January 1, 2021
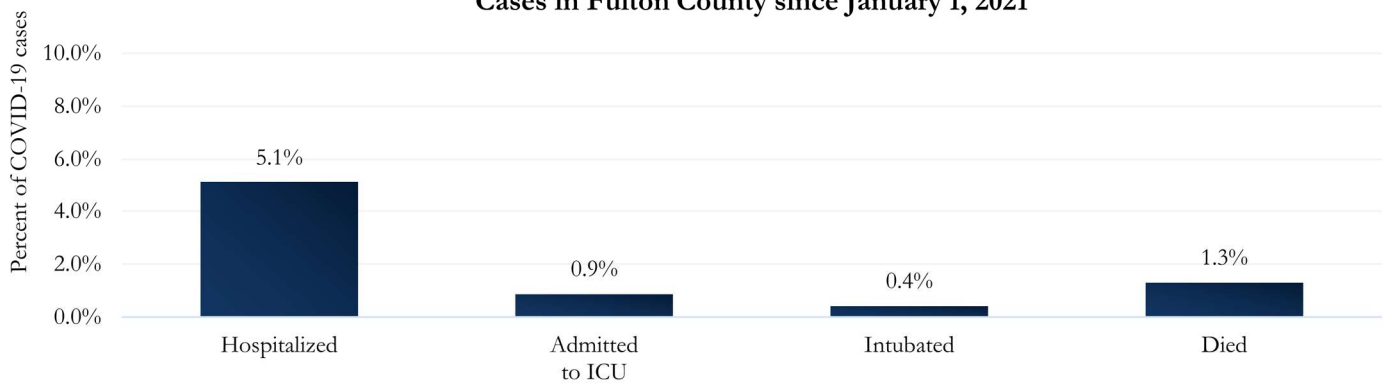
COVID-19 CASE TRENDS IN FULTON AND SURROUNDING DISTRICTS

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

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 August 7 – September 3, 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	**101857**		**10436**		**1435**		**32**	
Female	54092	53.1%	5685	54.5%	688	47.9%	17	53.1%
Male	47294	46.4%	4668	44.7%	747	52.1%	15	46.9%
Unknown*	471	<1%	83	<1%	0	-	0	-
0-9	5001	4.9%	1329	12.7%	0	-	0	-
10-19	11826	11.6%	2079	19.9%	<10	<1%	0	-
20-29	22330	21.9%	1683	16.1%	<10	<1%	0	-
30-39	19500	19.1%	1785	17.1%	31	2.2%	0	-
40-49	15314	15.0%	1432	13.7%	46	3.2%	<10	6.3%
50-59	13214	13.0%	1008	9.7%	138	9.6%	<10	25.0%
60-69	7741	7.6%	653	6.3%	264	18.4%	<10	15.6%
>70	6865	6.7%	448	4.3%	950	66.2%	15	46.9%
Unknown*	66	<1%	<10	<1%	0	-	0	-
Asian, NH	3753	3.7%	295	2.8%	24	1.7%	0	-
Black, NH	44780	44.0%	5368	51.4%	893	62.2%	22	68.8%
White, NH	32160	31.6%	1940	18.6%	453	31.6%	<10	28.1%
Hispanic, all races	10204	10.0%	656	6.3%	59	4.1%	<10	3.1%
Other, NH	3347	3.3%	299	2.9%	<10	<1%	0	-
Unknown*	7613	7.5%	1878	18.0%	0	-	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 8/31/2021

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 (August 2nd to August 29th)
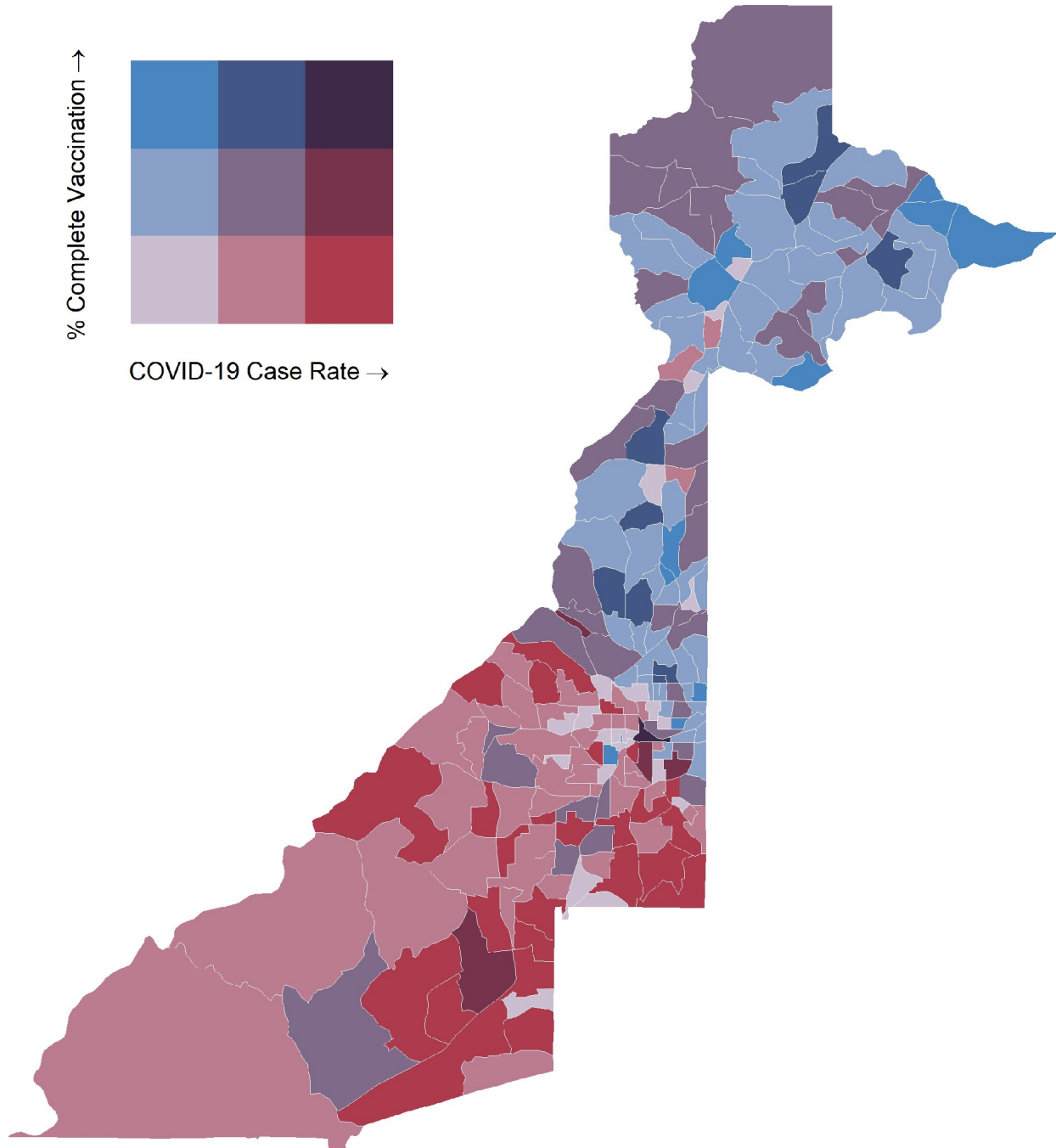
How to interpret these colors: The darker the blue, the better. The upper most blue box indicates low COVID-19 case rates and high vaccination coverage. Red is not ideal as red indicates high COVID-19 case rates and low vaccination coverage. Colors in between indicate varying combinations of COVID-19 case rates and vaccination coverage. COVID-19 case rate reflects new COVID-19 cases diagnosed between August 2nd and August 29th, 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
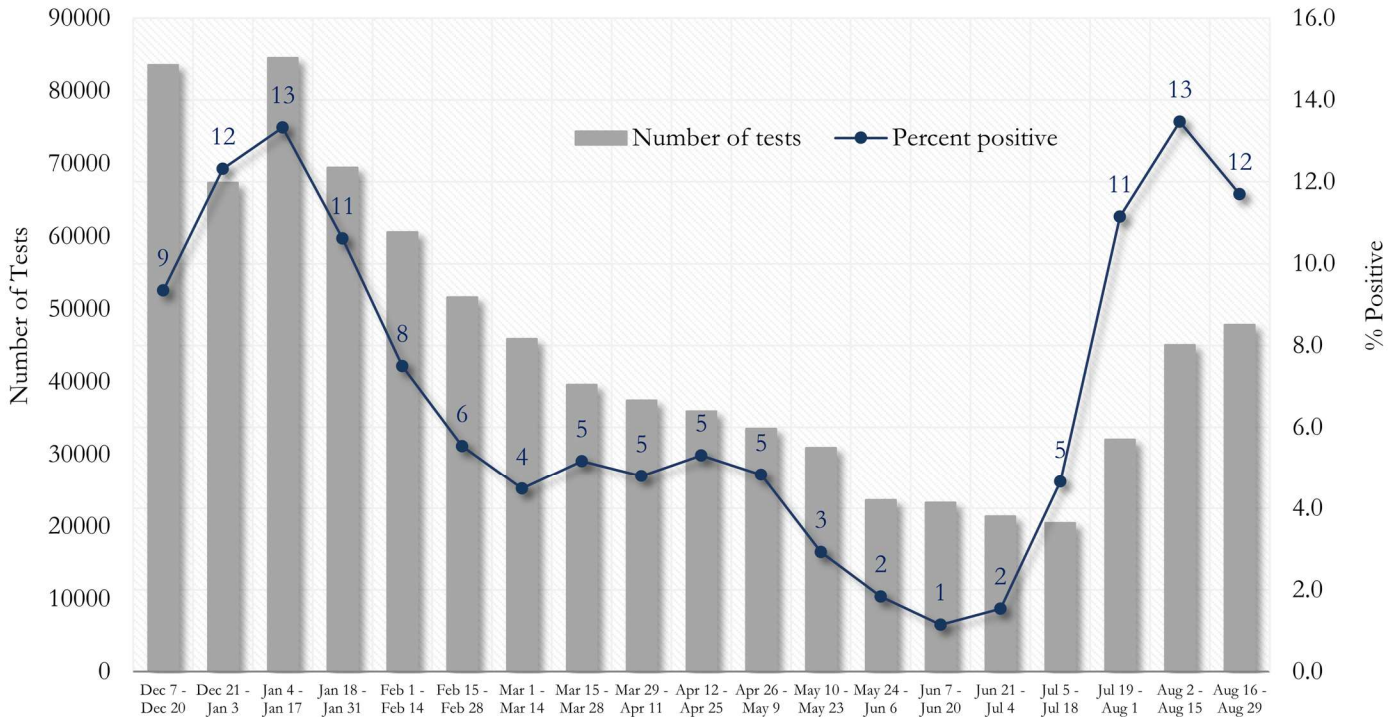
*Data on Polymerase Chain Reaction (PCR) tests only included.

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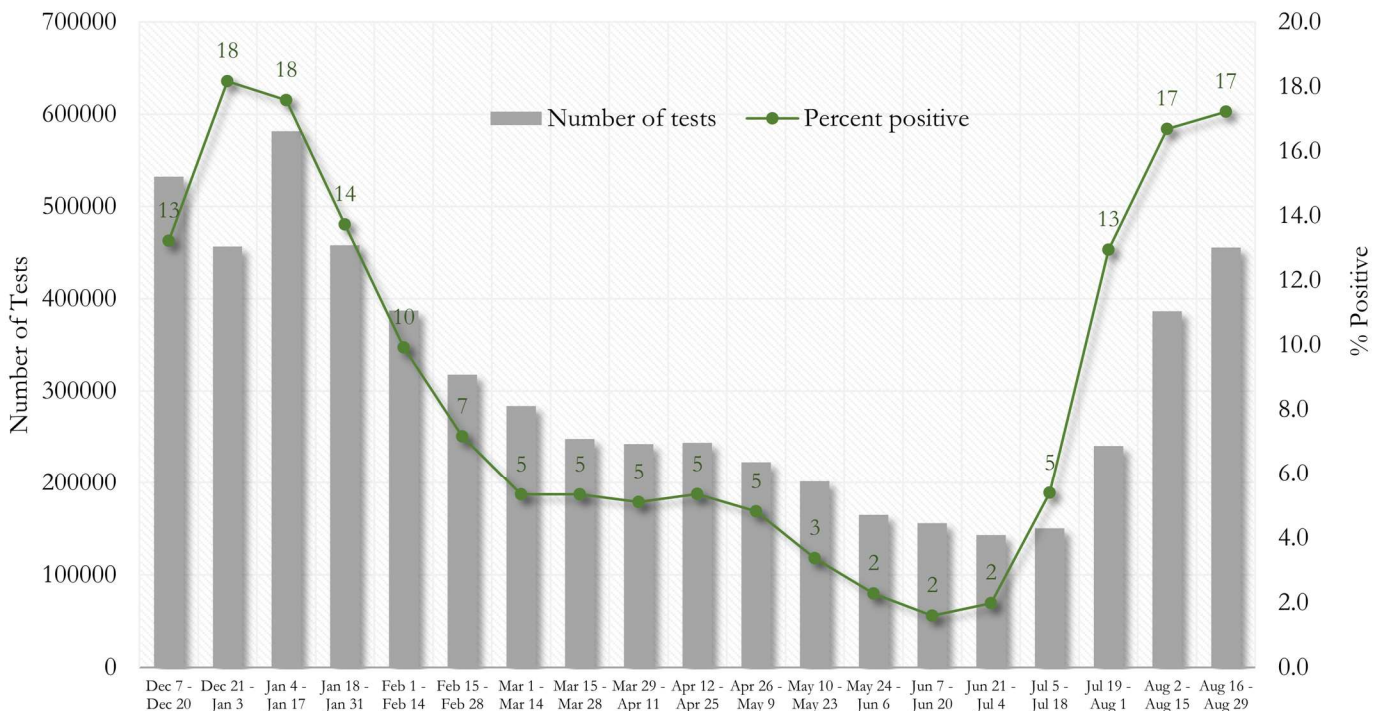
*Data on Polymerase Chain Reaction (PCR) tests only included.

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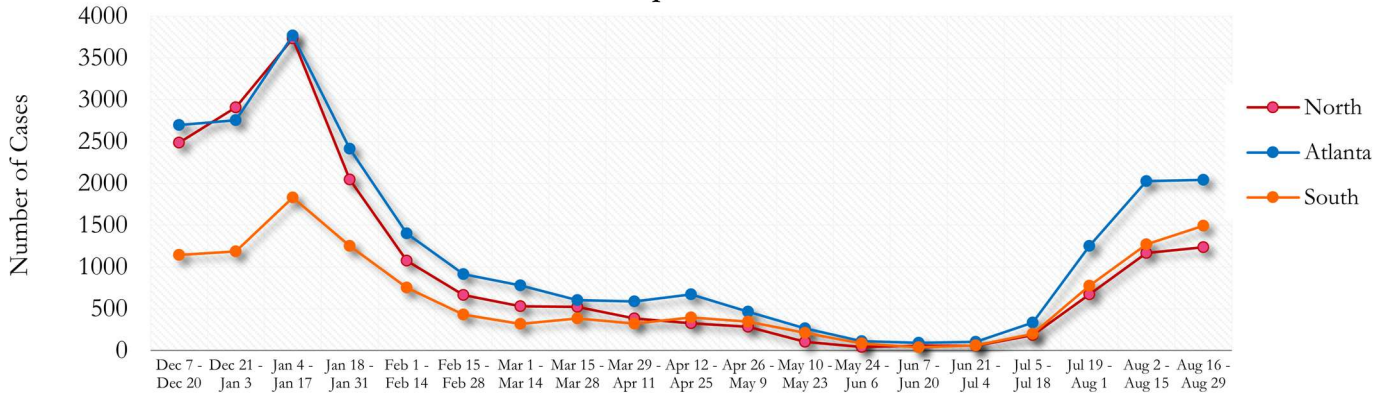
In the past two weeks, Atlanta accounted for the majority of new cases.
*North -Includes all Fulton cities north of Atlanta (Alpharetta, Johns Creek, Milton, Mountain Park, Roswell, Sandy Springs)
*South - Includes all Fulton cities south of Atlanta (Chattahoochee Hills, College Park, East Point, Fairburn,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

Fig. 19. Trends in Racial Distribution of Covid-19 Cases in Fulton County by 14-day periods
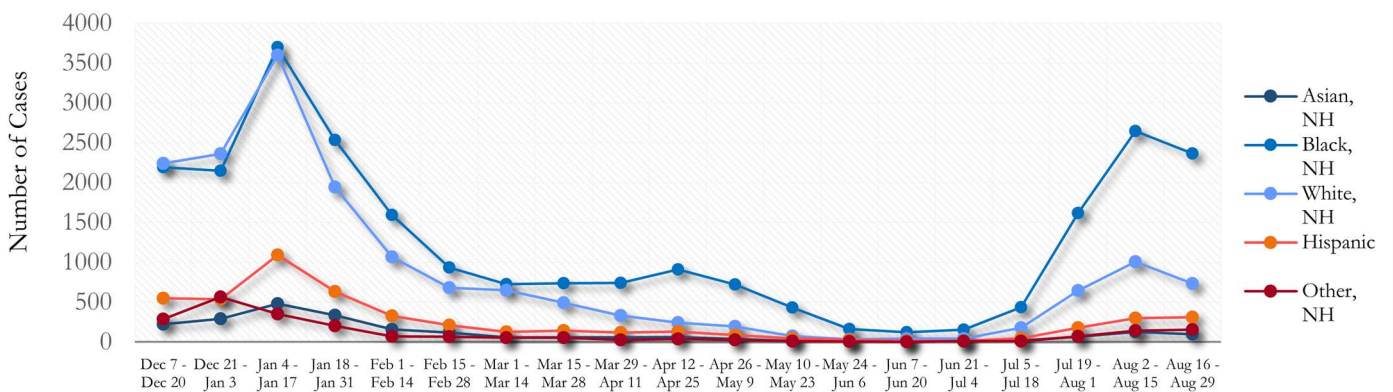
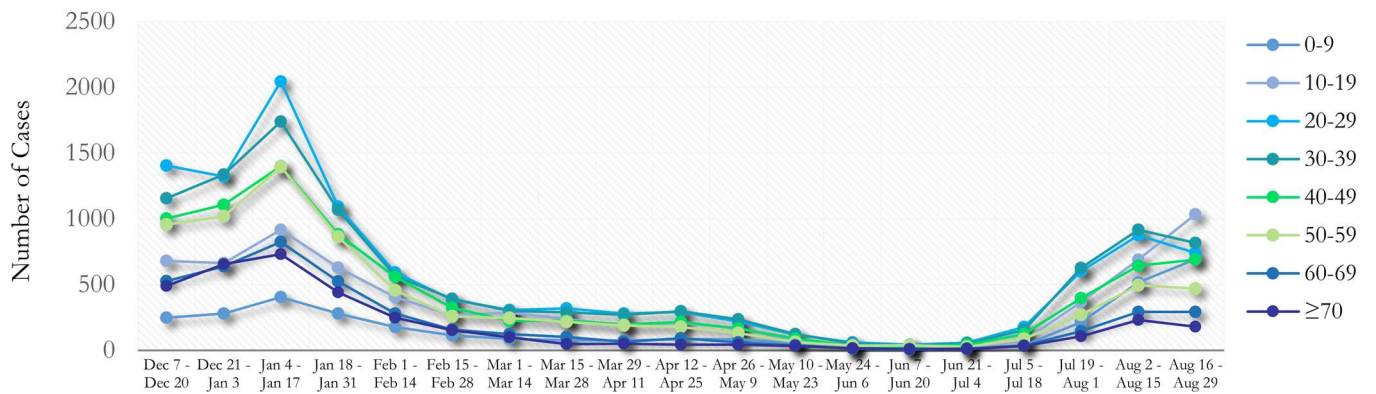**Fig. 20. Racial Distribution of Covid-19 Cases in Fulton County by 14-day periods**
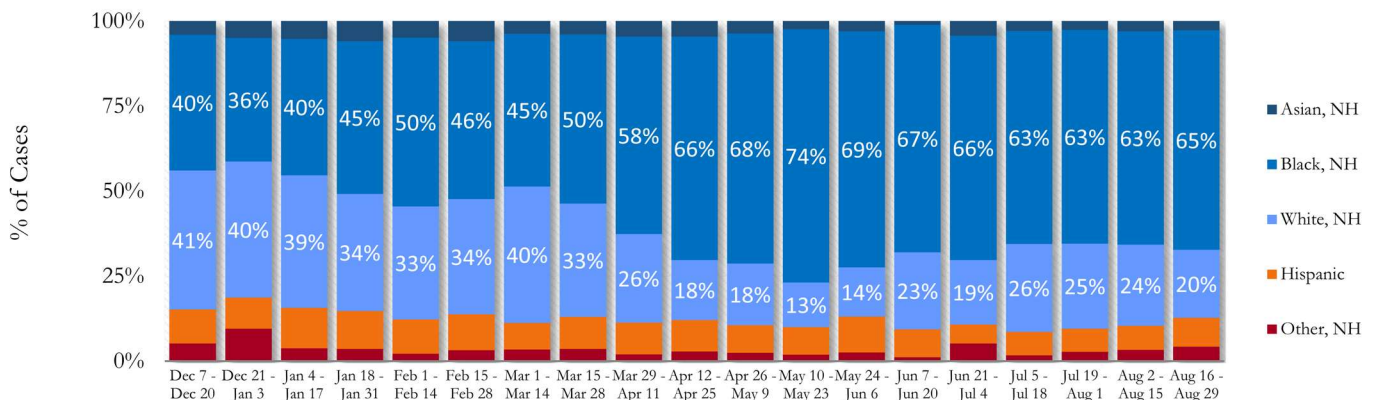
About 7% of all Fulton County COVID cases are missing data on patient race and ethnicity and in the past two weeks, about 26% of cases are missing this data. Percentages do not include the missing data and thus are subject to change as data are cleaned.

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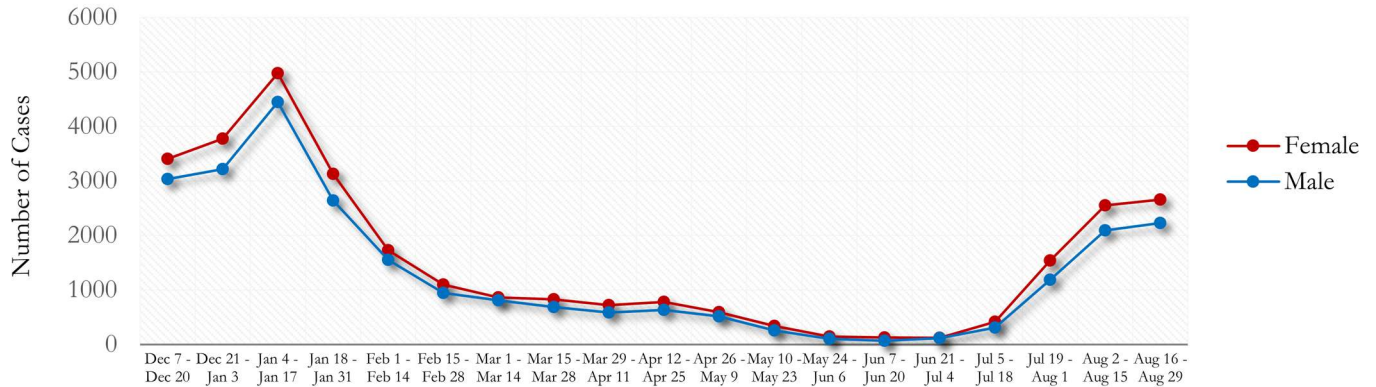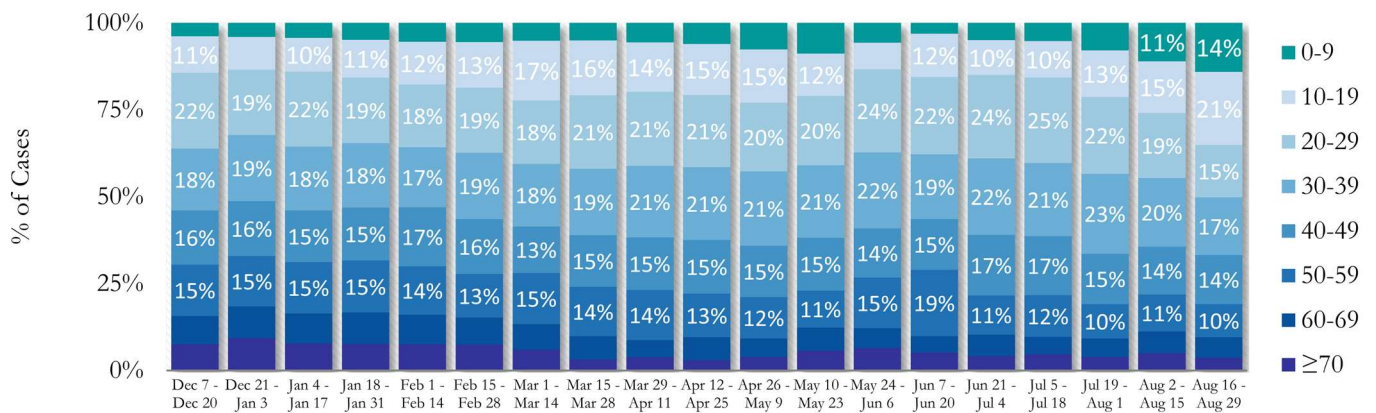

Fig. 22. Trends in Age Distribution of Covid-19 Cases in Fulton County by 14-day periods

In the most recent two weeks, 10-19 year olds and 30-39 year olds accounted for the majority of new cases.
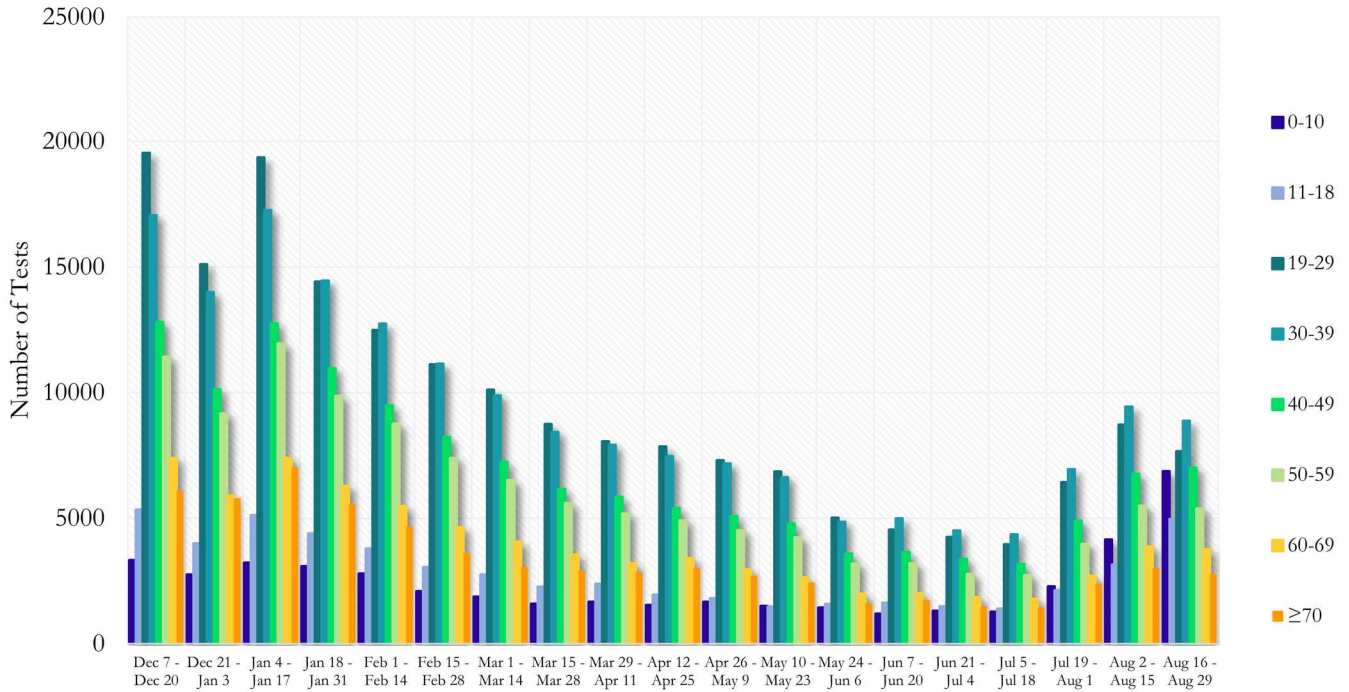
Fig. 23. Age Distribution of Covid-19 Cases in Fulton County by 14-day periods

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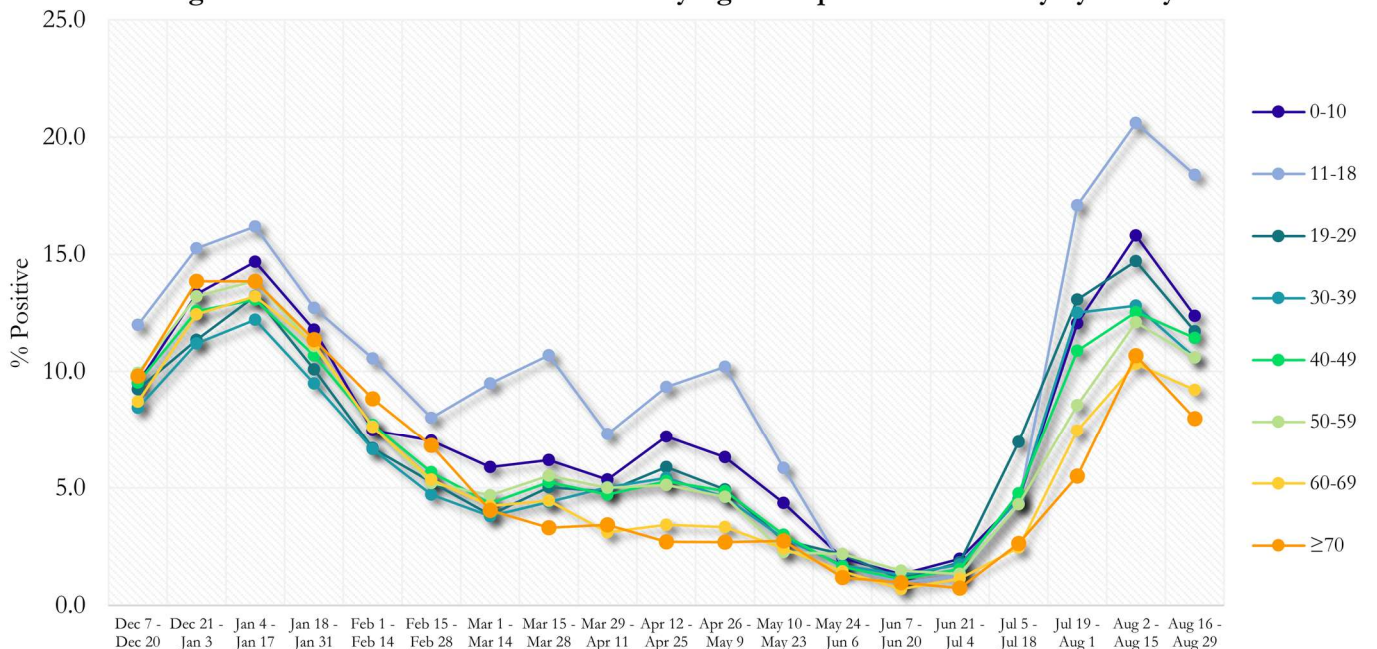
COVID-19 TESTING AND POSITIVITY IN FULTON COUNTY BY AGE AND RACE

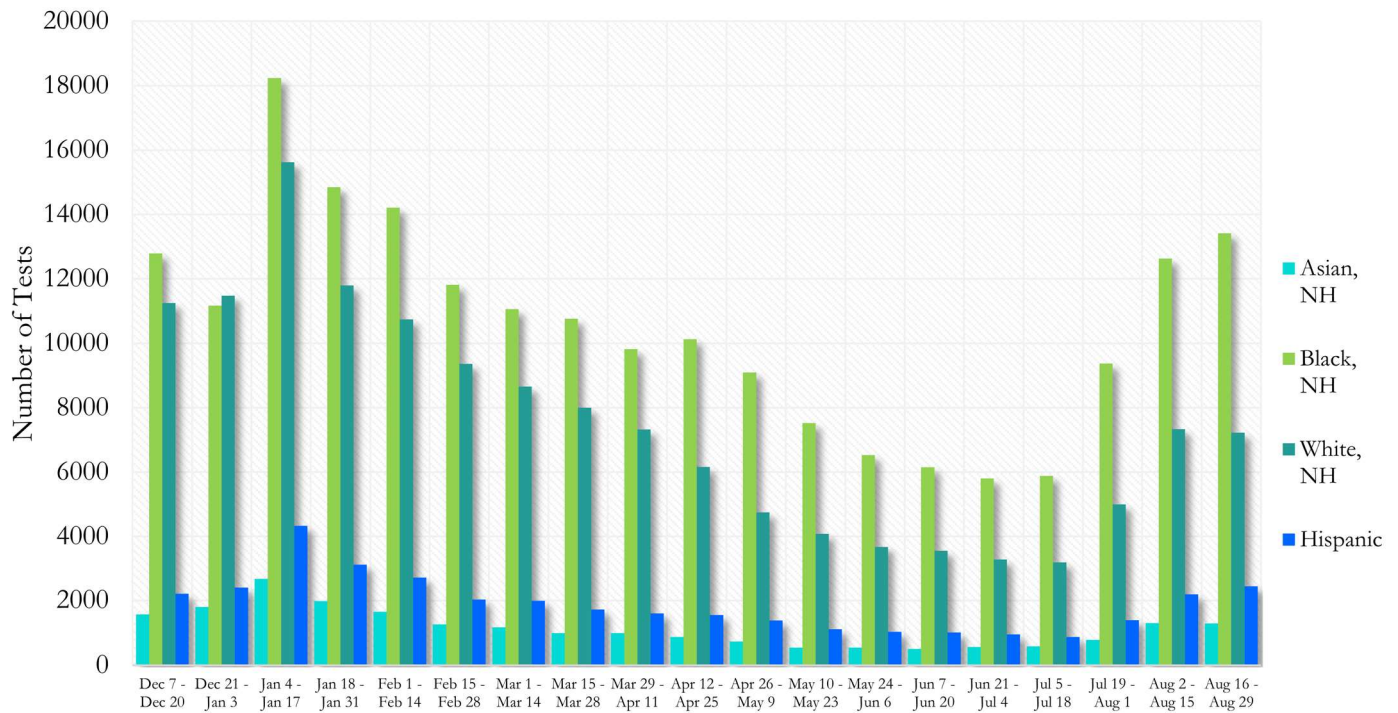**Fig. 24. Covid-19 Tests by Age in Fulton County by 14-day Periods**

*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
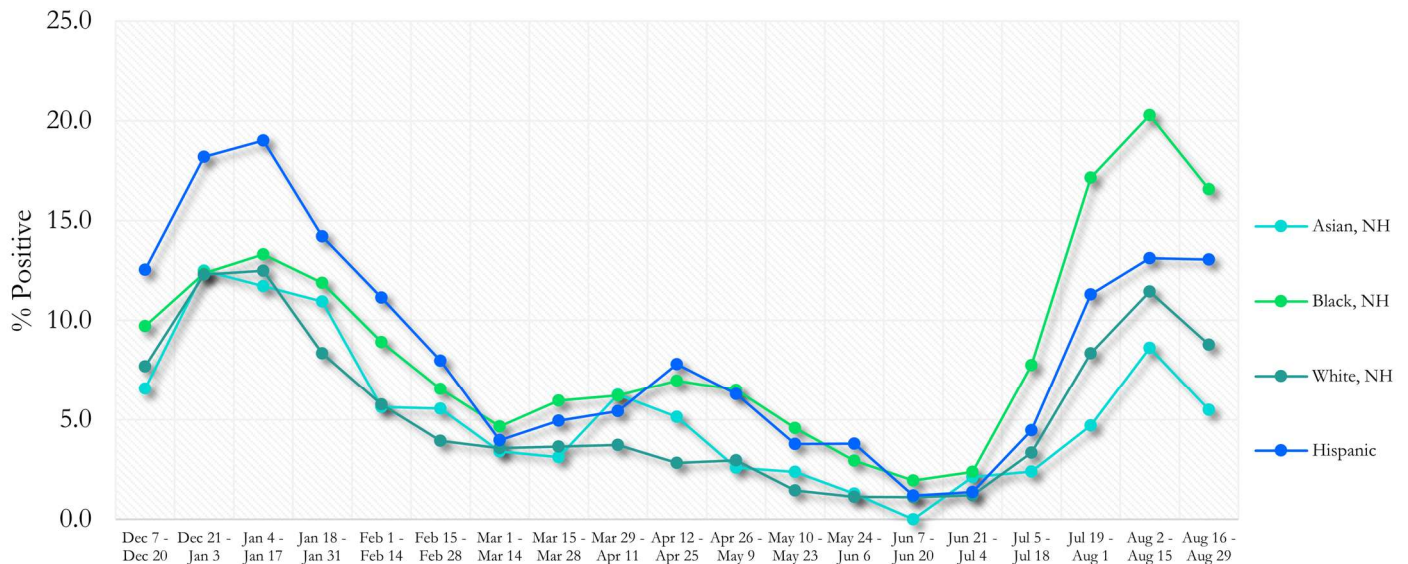

*Data on Polymerase Chain Reaction (PCR) tests only included.

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, 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.