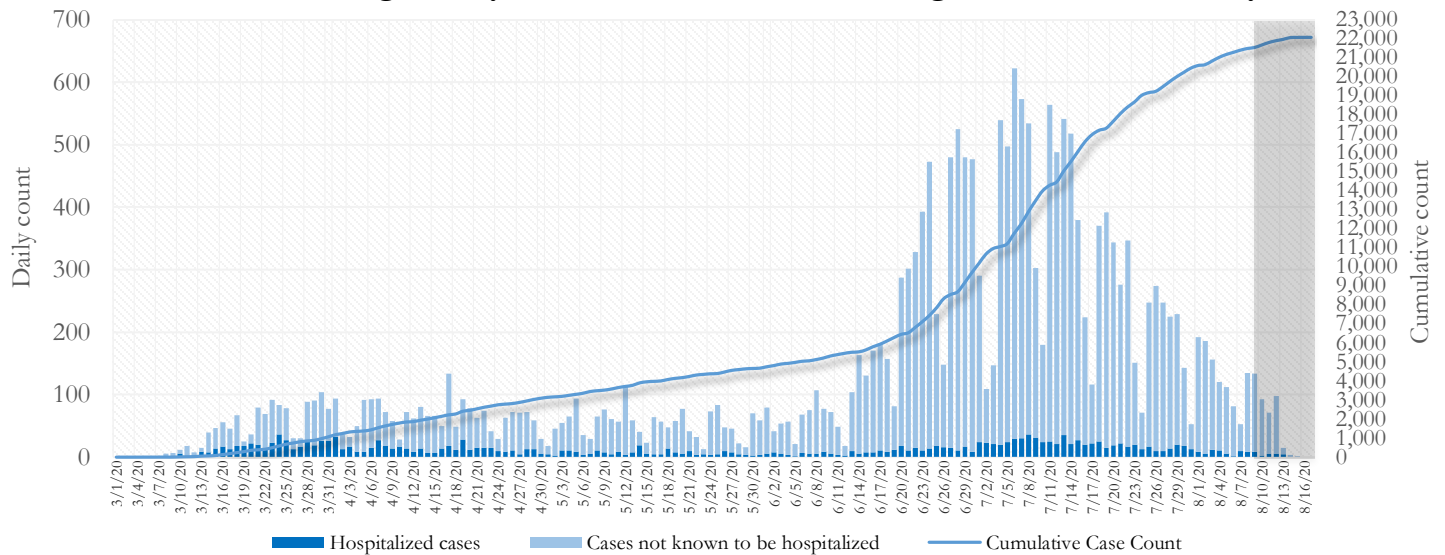


SUMMARY

- As of August 17, 2020, Fulton County has recorded **22,074** cases of the 2019 novel coronavirus (COVID-19) and **477** deaths.
- Of 2,437 **new diagnoses** made between July 28 and August 10, the central portion of the county (Atlanta metro) accounted for 36% while the northern and southern parts accounted for 30% and 21% respectively.
- By city, **new** COVID-19 diagnoses rates range from 133.9 per 100,000 persons (Johns Creek) to 526.1 per 100,000 persons (Palmetto). [Fulton County Diagnoses Rates (per 100,000 persons): Cumulative – 2074.4; Incident – 229.1]. See map showing incident case rate by ZIP code on Pg.4.
- Among all persons diagnosed with COVID-19 in Fulton County, 9.1% required hospitalization and 2.2% died.
- Residents and staff of long-term care facilities account for 8.0% of COVID-19 diagnoses and 46.0% of COVID-19 deaths in Fulton County.

Fig 1. Daily and Cumulative COVID-19 diagnoses in Fulton County, GA



*Counts shown reflect the number of confirmed cases as of 9:00am on 8/17/20 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:** All data reported are preliminary and subject to change. Delays in data reporting may cause changes in data counts, particularly in the shaded portion.

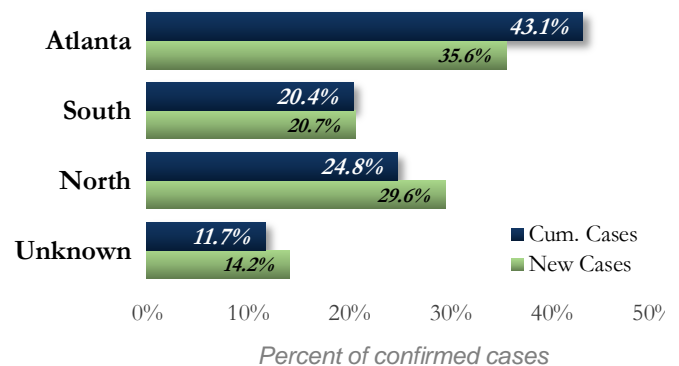
DISTRIBUTION OF COVID-19 DIAGNOSES BY REGION

New cases: 36% of the new COVID-19 cases diagnosed in the past 2 weeks occurred in Atlanta while 30% and 21% occurred in the Northern and Southern regions of the county respectively.

Fulton Region	% Cumulative count	% New cases*
Atlanta	43.1%	35.6%
North ¹	24.8%	29.6%
South ²	20.4%	20.7%
Unincorporated/Unknown	11.7%	14.2%

¹Includes all Fulton County cities north of Atlanta metro (Alpharetta, Milton, Johns Creek, Roswell, Sandy Springs, Mountain Park) ²Includes all cities south of Atlanta (College Park, Chattahoochee Hills, East Point, Hapeville, Palmetto, South Fulton, Fairburn, and Union City) ***New cases:** Cases diagnosed in the past 2 weeks only (between 7/28/20 – 8/10/20).

Fig. 2. Distribution of COVID 19 cases by Region

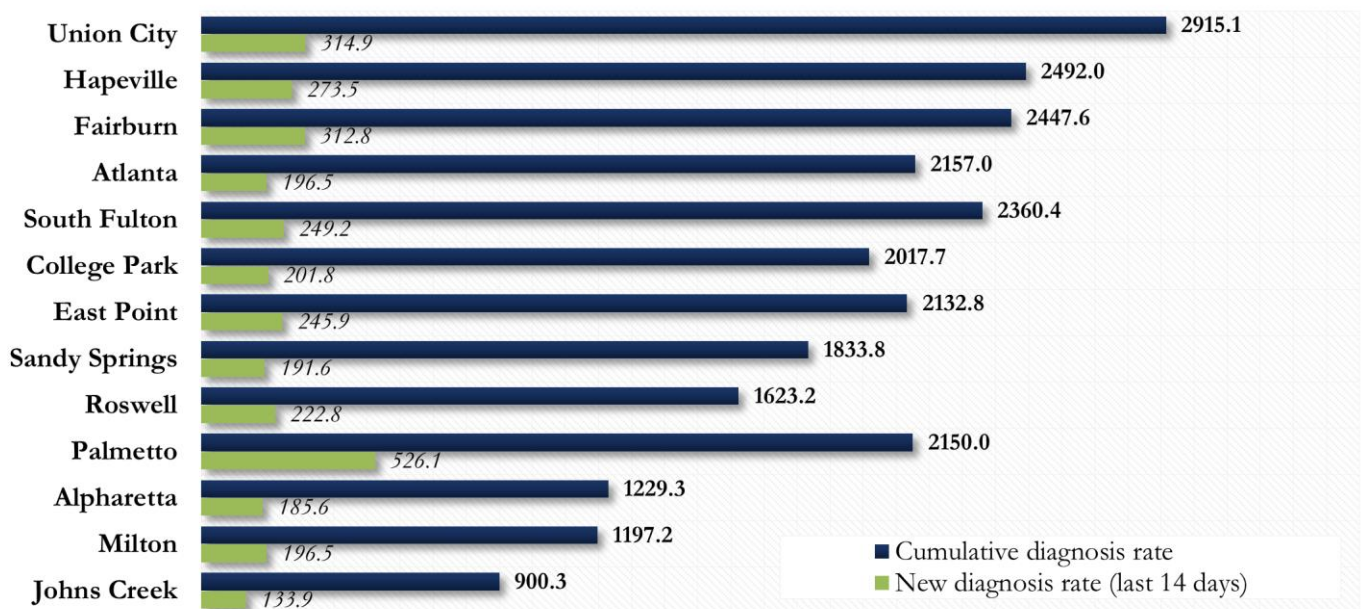


COVID-19 CASE COUNTS AND RATES BY CITY

	Prior (8/14/20)	Current Total (8/17/20)			New Cases (Period: 7/13/20 – 8/10/20) ¹			
	Count	Count	%	Cum. Rate ²	1st 14 d. (7/13–7/27)	Last 14 d. (7/28–8/10)	% change ³	Rate ⁴ (Last 14 d).
Atlanta	9402	9516	43.1%	2157.0	1786	867	↓ 51.5%	196.5
South Fulton	2195	2245	10.2%	2360.4	479	237	↓ 50.5%	249.2
Sandy Springs	1866	1933	8.8%	1833.8	380	202	↓ 46.8%	191.6
Roswell	1472	1530	6.9%	1623.2	463	210	↓ 54.6%	222.8
East Point	727	746	3.4%	2132.8	175	86	↓ 50.9%	245.9
Johns Creek	722	753	3.4%	900.3	202	112	↓ 44.6%	133.9
Union City	598	611	2.8%	2915.1	121	66	↓ 45.5%	314.9
Alpharetta	758	795	3.6%	1229.3	222	120	↓ 45.9%	185.6
Milton	445	457	2.1%	1197.2	98	75	↓ 23.5%	196.5
Fairburn	348	360	1.6%	2447.6	79	46	↓ 41.8%	312.8
College Park	274	280	1.3%	2017.7	62	28	↓ 54.8%	201.8
Palmetto	91	94	0.4%	2150.0	20	23	↑ 15.0%	526.1
Hapeville	162	164	0.7%	2492.0	21	18	↓ 14.3%	273.5
Mountain Park	5	5	0.0%	800.0	<10	<10	↓ 33.3%	320.0
Chattahooche Hills	0	0	0.0%	-	-	-	-	-
Unknown	3009	2585	11.7%	-	646	341	-	-

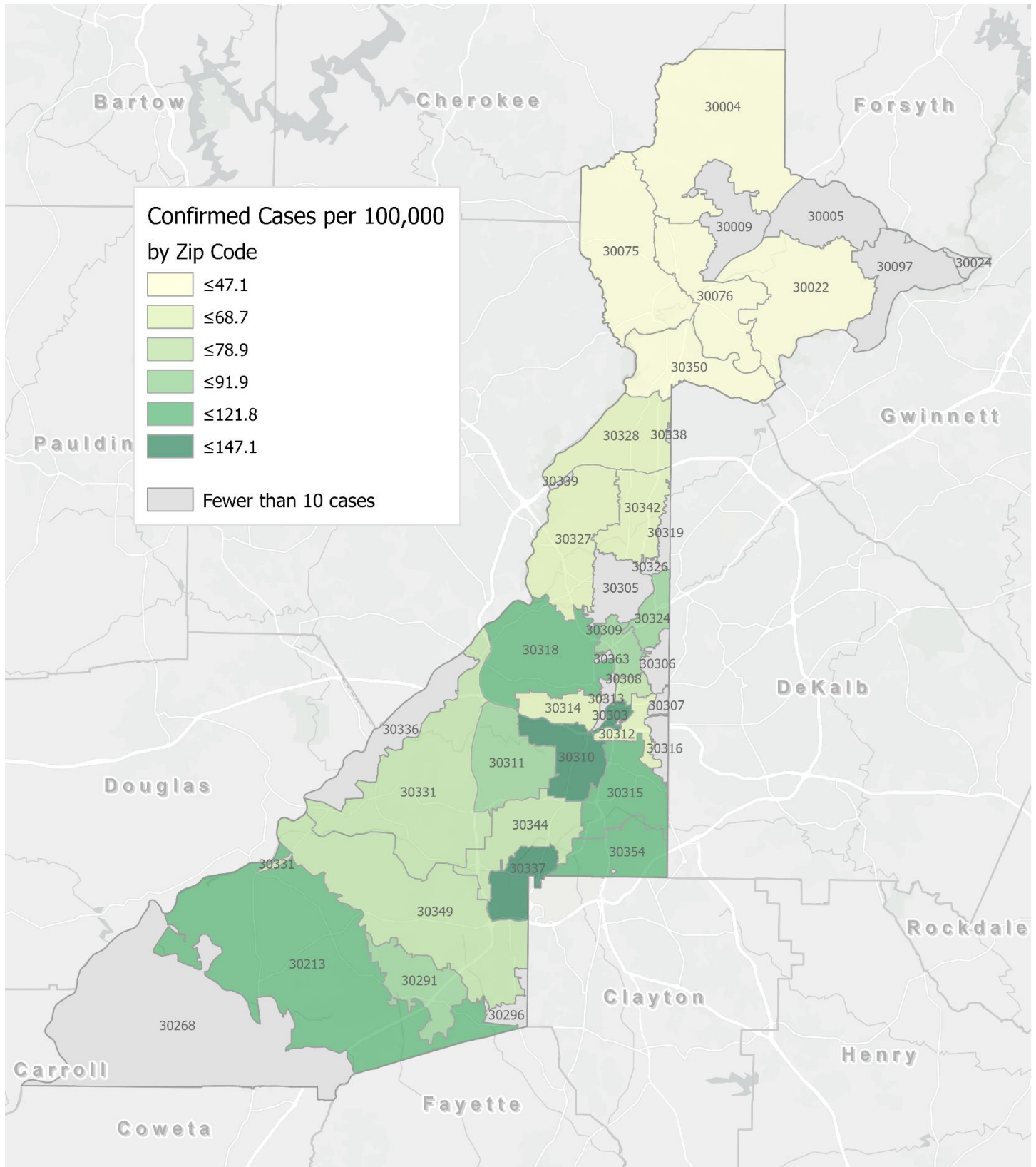
¹**New cases:** Cases diagnosed in most recent 28 days (based on reported dates of positive sample collection). To allow for lag in reporting results of new diagnoses from samples collected in the most recent week, data used for incident diagnoses analyses were moved back by one week. ²**Cumulative diagnosis rate:** Population estimates from US Census Bureau used to calculate cumulative diagnoses rate. All rates shown are per 100,000 persons. ³**% 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. Changes in cities with less than 10 cases in both 2 week intervals are not reported. ⁴**(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 day’s count. These do not reflect errors in the data collection or analysis process but only reflect the minor day-to-day fluctuations in case counts that arise in an evolving public health database like COVID’s. **Note: All data reported are preliminary and subject to change.**

Fig. 3. Incident & Cumulative Diagnoses Rates for COVID-19 by City



*Rates shown are per 100,000 persons | **Note:** Mass testing in specific locations (e.g. long term care facilities) may cause sharp increases in the cumulative rate of COVID-19 diagnosis in those territories. All data shown are preliminary and are subject to change as testing results get updated.

Fig. 5. New COVID-19 Diagnoses Rates (per 100,000 population) by ZIP Code (Jul 28 – Aug 10, 2020)



*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.

COVID-19 CASE COUNTS BY ZIP CODE

	Prior (8/14/20)	Current Total (8/17/20)		New Cases (Period: 7/13/20 – 8/10/20) ¹		
	Count	Count	%	1st 14 days (Jul 13 – Jul 27)	Last 14 d. (Jul 28 – Aug 10)	% change ²
All Fulton	21570	22074	100.0%	4729	2437	↓ 48.5%
30331	1422	1449	6.6%	301	135	↓ 55.1%
30318	1297	1318	6.0%	282	128	↓ 54.6%
30349	1451	1482	6.7%	356	167	↓ 53.1%
30213	845	875	4.0%	182	123	↓ 32.4%
30315	647	652	3.0%	144	98	↓ 31.9%
30344	669	685	3.1%	165	80	↓ 51.5%
30311	641	646	2.9%	134	78	↓ 41.8%
30342	917	969	4.4%	174	71	↓ 59.2%
30314	472	480	2.2%	73	40	↓ 45.2%
30310	591	601	2.7%	90	64	↓ 28.9%
30308	387	389	1.8%	74	26	↓ 64.9%
30022	805	841	3.8%	228	124	↓ 45.6%
30327	390	396	1.8%	55	45	↓ 18.2%
30004	684	710	3.2%	165	110	↓ 33.3%
30309	625	629	2.8%	108	51	↓ 52.8%
30076	696	734	3.3%	232	112	↓ 51.7%
30291	622	632	2.9%	120	64	↓ 46.7%
30350	425	435	2.0%	96	54	↓ 43.8%
30075	751	779	3.5%	231	101	↓ 56.3%
30328	617	630	2.9%	144	77	↓ 46.5%
30316	321	325	1.5%	83	34	↓ 59.0%
30312	662	667	3.0%	108	39	↓ 63.9%
30005	363	378	1.7%	100	57	↓ 43.0%
30305	602	613	2.8%	103	43	↓ 58.3%
30306	260	264	1.2%	56	26	↓ 53.6%
30324	721	736	3.3%	114	58	↓ 49.1%
30337	258	264	1.2%	57	26	↓ 54.4%
30009	287	297	1.3%	86	38	↓ 55.8%
30313	134	138	0.6%	22	16	↓ 27.3%
30326	176	181	0.8%	34	11	↓ 67.6%
30097	164	166	0.8%	53	20	↓ 62.3%
30354	343	348	1.6%	61	45	↓ 26.2%
30303	353	354	1.6%	87	27	↓ 69.0%
30339	257	267	1.2%	63	46	↓ 27.0%
30268	148	154	0.7%	41	33	↓ 19.5%
30307	147	149	0.7%	41	24	↓ 41.5%
30319	104	105	0.5%	10	<10	↓ 20.0%
30336	75	77	0.3%	10	<10	↓ 50.0%
30296	36	38	0.2%	10	<10	↓ 50.0%
30363	53	53	0.2%	11	<10	↓ 63.6%
30301	<10	<10	<0.1%	0	0	-
30345	35	37	0.2%	<10	<10	-
31131	<10	<10	<0.1%	0	<10	-
30023	<10	<10	<0.1%	0	0	-
30080	<10	<10	<0.1%	<10	<10	-
30135	<10	<10	<0.1%	<10	0	↓ 100.0%
30138	<10	<10	<0.1%	0	0	-
30139	-	-	-	0	0	-
30321	10	10	<0.1%	<10	0	↓ 100.0%
30340	32	32	0.1%	<10	<10	-

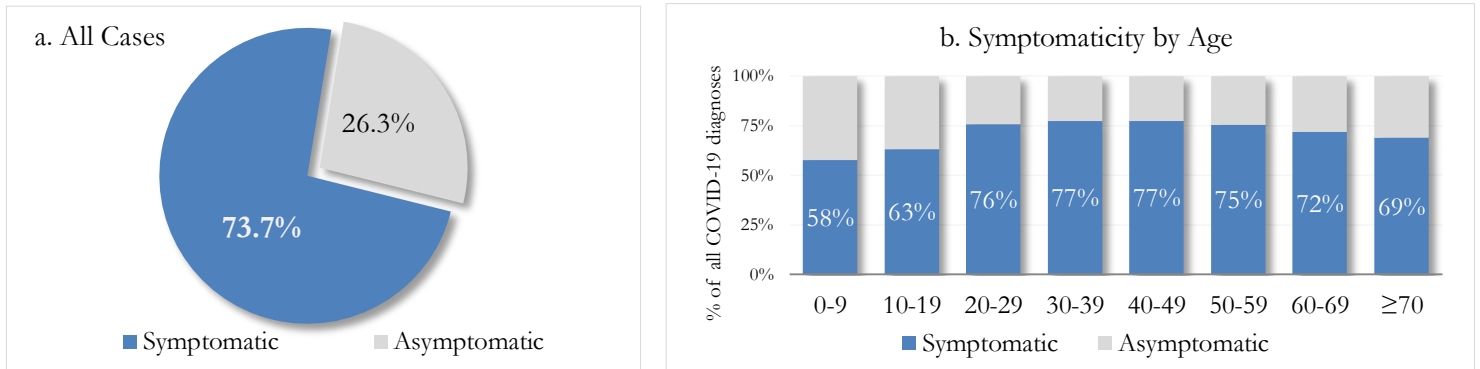
30341	39	38	0.2%	<10	<10	-
30358	<10	<10	<0.1%	<10	0	↓ 100.0%
30374	31	31	0.1%	<10	<10	-
30606	<10	<10	<0.1%	0	0	-
31150	<10	<10	<0.1%	0	0	-
30024	11	11	<0.1%	<10	<10	-
30098	-	-	-	0	0	-
30334	14	14	<0.1%	<10	<10	-
30338	135	140	0.6%	42	21	↓ 50.0%
Unknown	1313	819	3.7%	147	80	-

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**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 day’s count. These do not reflect errors in the data collection or analysis process but only reflect the minor day-to-day fluctuations in case counts that arise in an evolving public health database like COVID’s. **Note:** Sharp increases in territorial COVID case counts often reflect new cases diagnosed at long term care facilities located in those territories during facility-wide /mass screening events **All data reported are preliminary and subject to change.**

REPORTING SYMPTOMS AMONG PERSONS DIAGNOSED 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, repeated shaking with chills, muscle pain, headache, sore throat, new loss of taste or smell – Centers for Disease Control and Prevention (CDC) <https://www.cdc.gov/coronavirus/2019-ncov/symptoms-testing/symptoms.html>

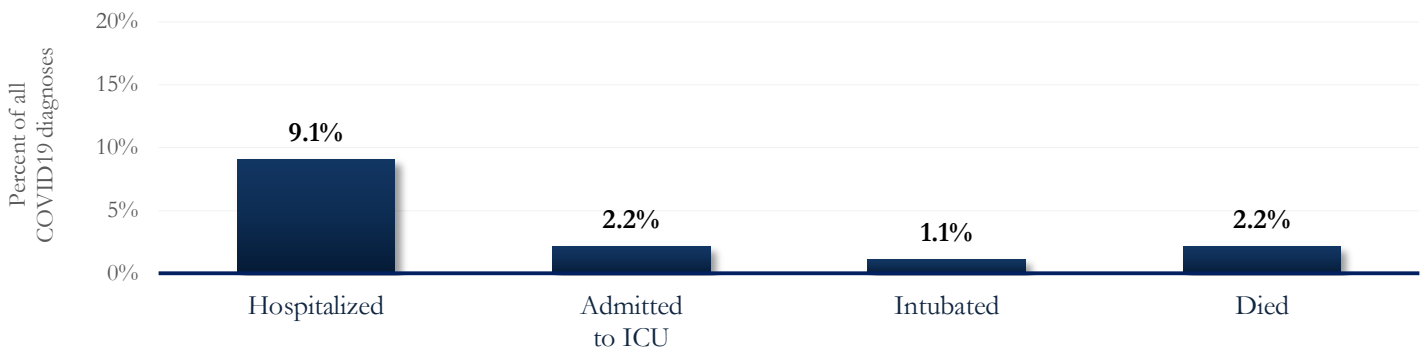
Fig. 6a & b. Proportion Reporting Symptoms in Fulton



COVID-19 cases who have been case interviewed or had medical charts reviewed as at 8/17/20 only

COVID-19 HOSPITALIZATIONS, ICU ADMISSIONS AND DEATHS IN FULTON

Fig. 7. Hospitalizations, ICU Admissions and Deaths among COVID-19 Diagnoses in Fulton County



DEMOGRAPHIC DISTRIBUTIONS – COVID 19 DIAGNOSES AND DEATHS

A. Distribution of COVID-19 diagnoses in Fulton County by Fulton Region

	North Fulton Cities ¹ Count (%)	Atlanta Count (%)	South Fulton Cities ² Count (%)	Unknown City Count (%)	All Fulton Count (%)
Total COVID-19 cases	5473	9516	4500	2585	22074
Gender: Female	2682 (49.0%)	4540 (47.7%)	2443 (54.3%)	1262 (48.8%)	10927 (49.5%)
Male	2536 (46.3%)	4326 (45.5%)	1818 (40.4%)	1175 (45.5%)	9855 (44.6%)
Unknown	255 (4.7%)	650 (6.8%)	239 (5.3%)	148 (5.7%)	1292 (5.9%)
Age: 0-9	173 (3.2%)	164 (1.7%)	129 (2.9%)	70 (2.7%)	536 (2.4%)
10-19	708 (12.9%)	555 (5.8%)	290 (6.4%)	165 (6.4%)	1718 (7.8%)
20-29	1230 (22.5%)	2708 (28.5%)	898 (20.0%)	661 (25.6%)	5497 (24.9%)
30-39	884 (16.2%)	2082 (21.9%)	910 (20.2%)	552 (21.4%)	4428 (20.1%)
40-49	866 (15.8%)	1269 (13.3%)	812 (18.0%)	403 (15.6%)	3350 (15.2%)
50-59	756 (13.8%)	1070 (11.2%)	629 (14.0%)	322 (12.5%)	2777 (12.6%)
60-69	423 (7.7%)	726 (7.6%)	433 (9.6%)	199 (7.7%)	1781 (8.1%)
≥70	426 (7.8%)	921 (9.7%)	386 (8.6%)	206 (8.0%)	1939 (8.8%)
Unknown	<10	21 (0.2%)	13 (0.3%)	<10	48 (0.2%)
Race: Asian, NH	120 (2.2%)	119 (1.3%)	14 (0.3%)	42 (1.6%)	295 (1.3%)
Black, NH	495 (9.0%)	3917 (41.2%)	2455 (54.6%)	688 (26.6%)	7555 (34.2%)
White, NH	1421 (26.0%)	1513 (15.9%)	155 (3.4%)	454 (17.6%)	3543 (16.1%)
Hispanic	824 (15.1%)	501 (5.3%)	264 (5.9%)	236 (9.1%)	1825 (8.3%)
Other, NH	193 (3.5%)	241 (2.5%)	73 (1.6%)	96 (3.7%)	603 (2.7%)
Unknown	2420 (44.2%)	3225 (33.9%)	1539 (34.2%)	1069 (41.4%)	8253 (37.4%)

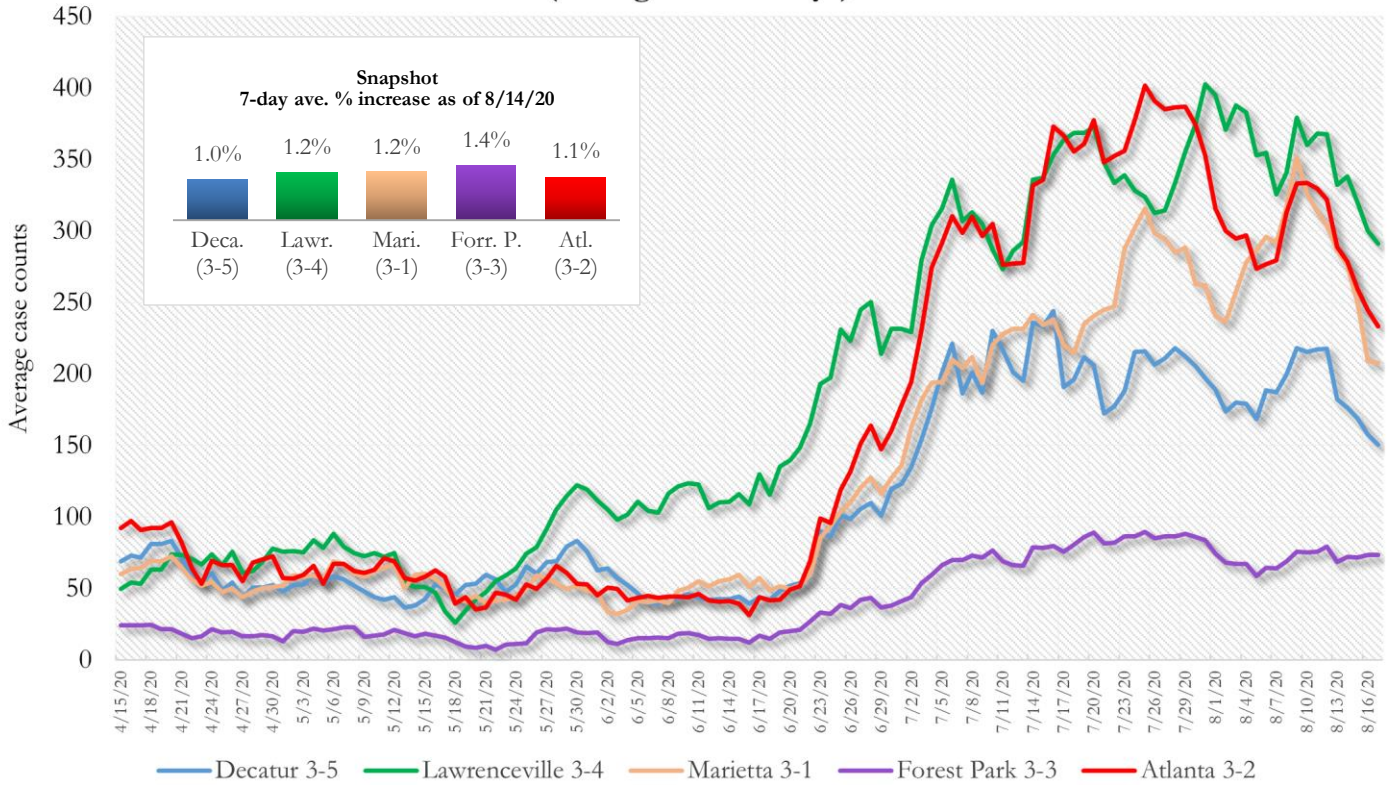
B. Distribution of COVID-19 deaths in Fulton County by Fulton Region

	North Fulton Cities ¹ Count (%)	Atlanta Count (%)	South Fulton Cities ² Count (%)	Unknown City Count (%)	All Fulton Count (%)
Total COVID-19 deaths	88	228	124	37	477
Gender: Female	39 (44.3%)	101 (44.3%)	65 (52.4%)	22 (59.5%)	227 (47.6%)
Male	49 (55.7%)	127 (55.7%)	59 (47.6%)	15 (40.5%)	250 (52.4%)
Unknown	0	0	0	0	0
Age: ≤ 29	0	<10	<10	0	<10
30-39	<10	<10	<10	0	10 (2.1%)
40-49	<10	<10	<10	<10	18 (3.8%)
50-59	<10	19 (8.3%)	16 (12.9%)	<10	40 (8.4%)
60-69	<10	45 (19.7%)	32 (25.8%)	<10	89 (18.7%)
≥70	70 (79.5%)	149 (65.4%)	66 (53.2%)	31 (83.8%)	316 (66.2%)
Unknown	0	0	0	0	0
Race: Asian, NH	0	<10	<10	<10	<10
Black, NH	17 (19.3%)	191 (83.8%)	107 (86.3%)	20 (54.1%)	335 (70.2%)
White, NH	64 (72.7%)	26 (11.4%)	10 (8.1%)	14 (37.8%)	114 (23.9%)
Hispanic	<10	<10	<10	<10	15 (3.1%)
Other, NH	0	<10	<10	0	<10
Unknown	<10	<10	0	0	<10

¹Includes all Fulton County cities north of Atlanta metro (Alpharetta, Milton, Johns Creek, Roswell, Sandy Springs, Mountain Park) ²Includes all cities south of Atlanta (College Park, Chattahoochee Hills, East Point, Hapeville, Palmetto, South Fulton, Fairburn, Union City). **Note:** All data reported are preliminary and subject to change.

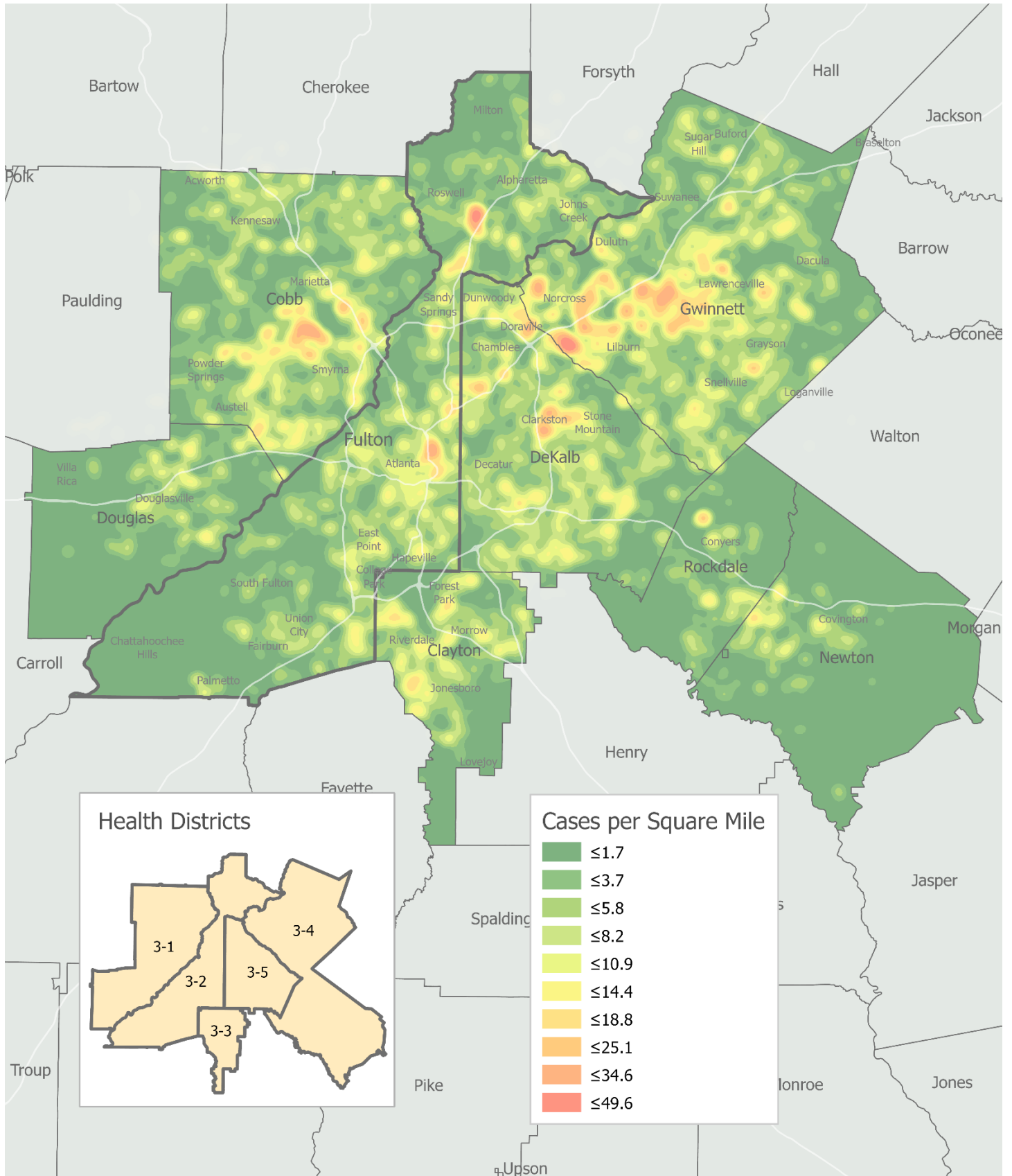
COVID-19 CASE TRENDS IN FULTON AND SURROUNDING DISTRICTS

**Fig. 8. Daily Case Counts for Atlanta Metro Districts
(Averaged over 7 days)**



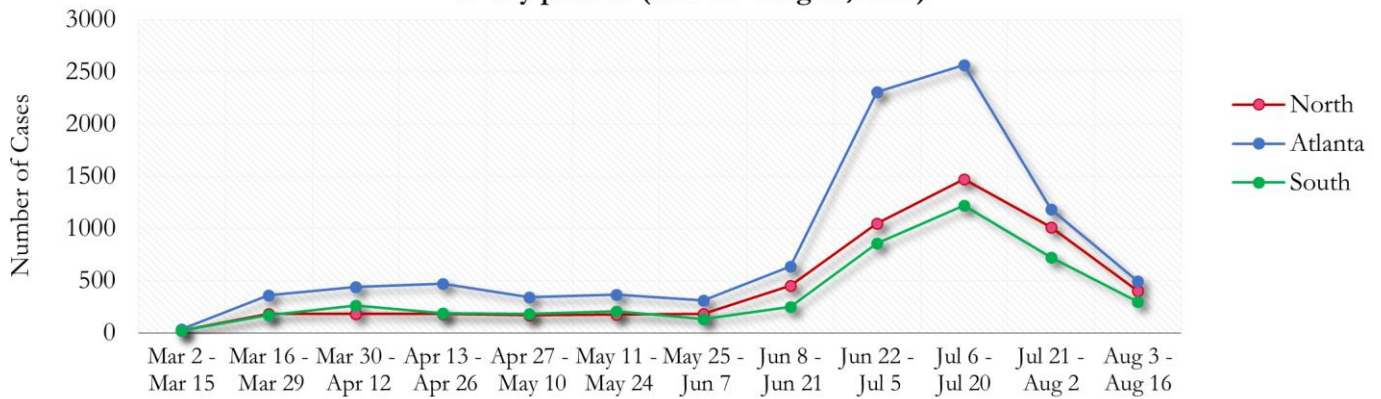
*Graph shows the average number of cases calculated from the daily cumulative case counts in the metro Atlanta districts. Increases in daily cumulative case counts may include cases diagnosed earlier during the pandemic but were only recently reported to the state as cases diagnosed belonging to these districts.

Fig. 9. COVID-19 Cases in Fulton County and Surrounding Districts (Jul 28 – Aug 10, 2020)



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

Fig. 10. Trends in Geographic distribution of COVID -19 Diagnoses in Fulton County by 14-day periods (Mar 02 - Aug 16, 2020)



Atlanta metro has consistently accounted for the majority of newly diagnosed cases in Fulton County.

*North - Includes all Fulton cities north of Atlanta metro (Alpharetta, Milton, Johns Creek, Roswell, Sandy Springs, Mountain Park)

*South - Includes all Fulton cities south of Atlanta (College Park, Chattahoochee Hills, East Point, Hapeville, Palmetto, South Fulton, Fairburn, and Union City)

Fig. 11. Trends in Gender Distribution of COVID -19 Diagnoses in Fulton County by 14-day periods (Mar 02 - Aug 16, 2020)

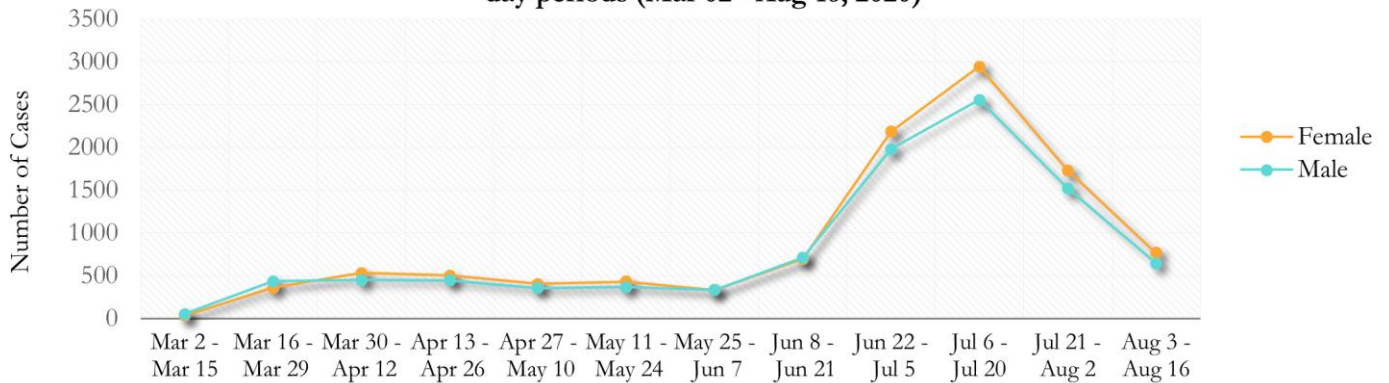
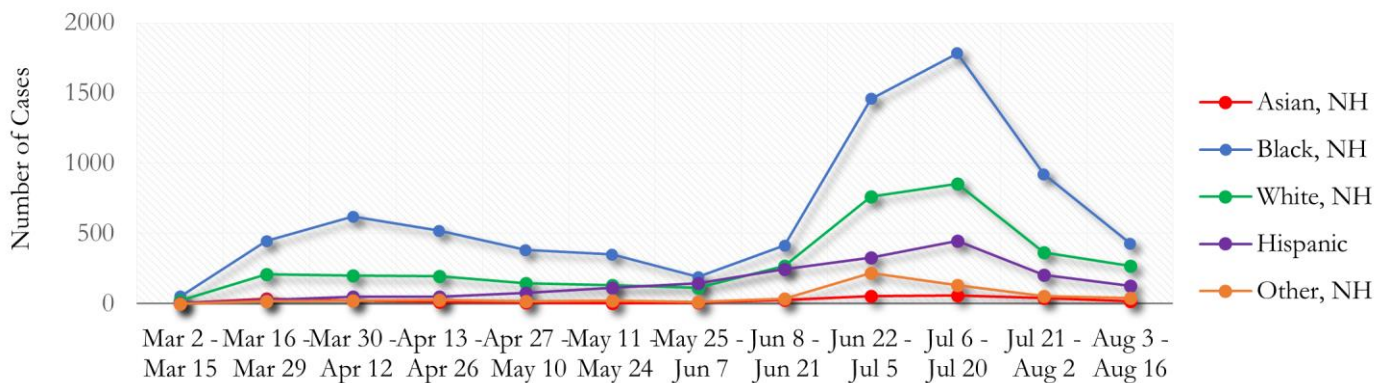


Fig. 12. Trends in Racial Distribution of COVID -19 Diagnoses in Fulton County by 14-day periods (Mar 02 - Aug 16, 2020)



About 38% of COVID cases are missing data on patient race and ethnicity. Of cases with race and ethnicity reported, majority are Black non-Hispanic, followed by a smaller number of cases reporting White (non-Hispanic and Hispanic) race.

Fig. 13. Racial Distribution of COVID -19 Cases in Fulton County by 14-day periods (Mar 02 - Aug 16, 2020)

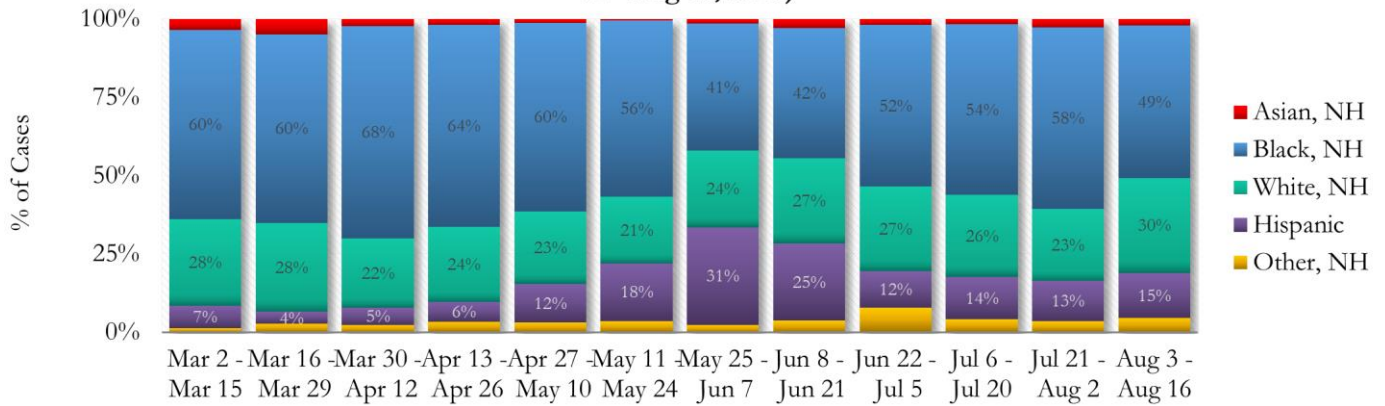
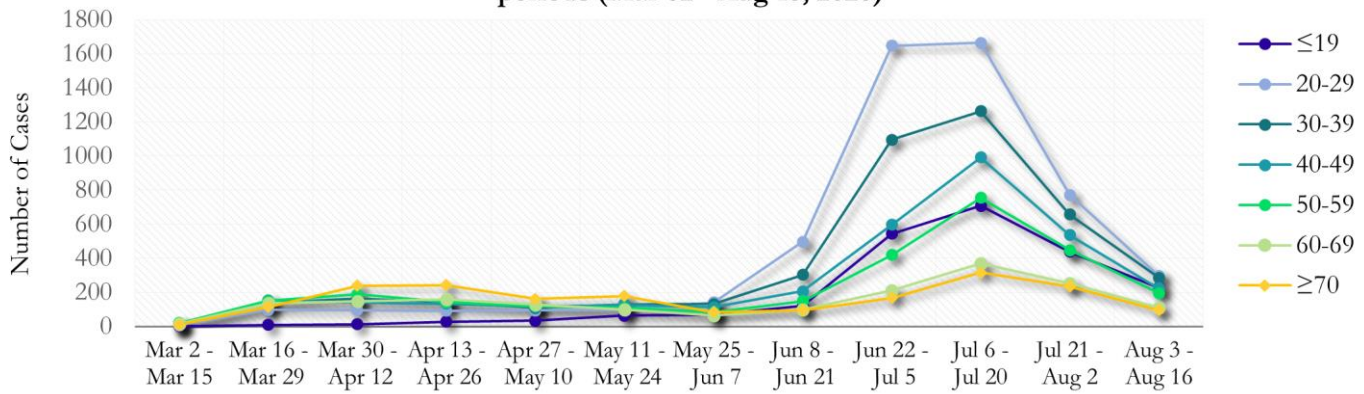
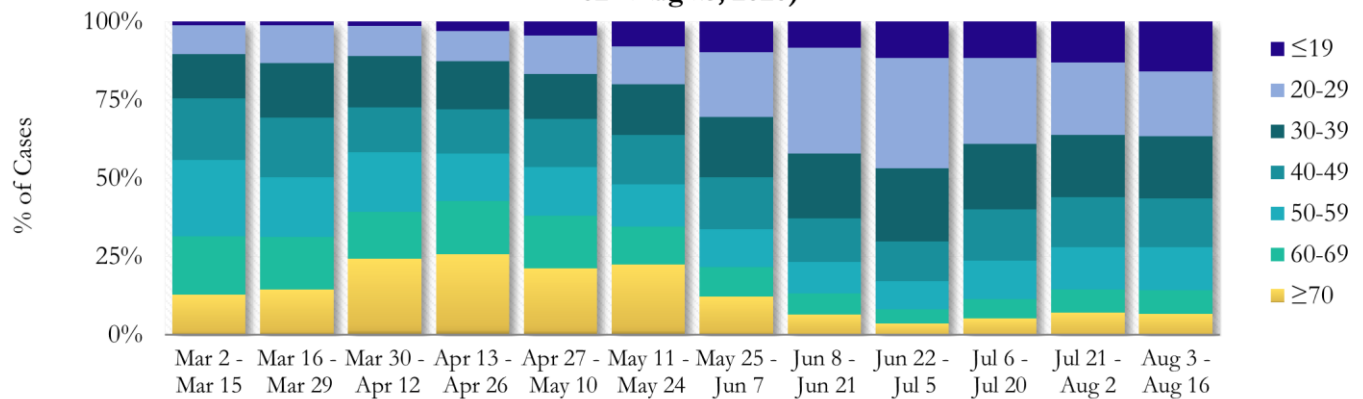


Fig. 14. Trends in Age Distribution of COVID -19 Diagnoses in Fulton County by 14-day periods (Mar 02 - Aug 16, 2020)



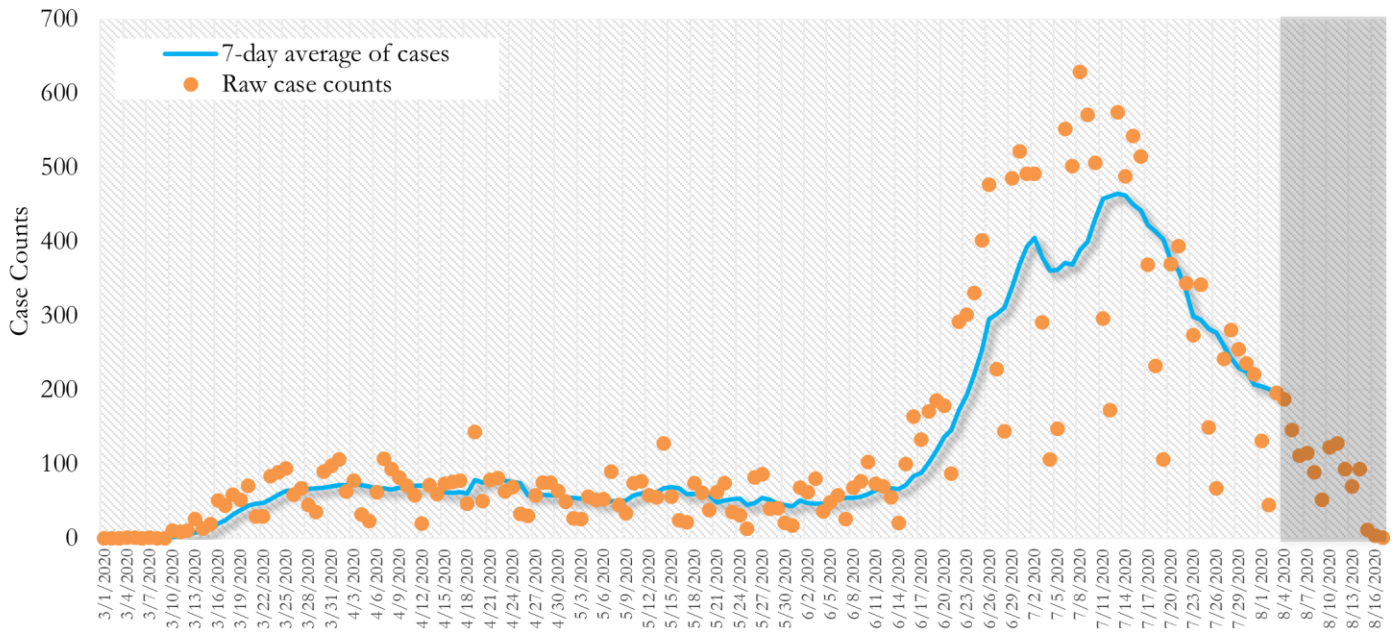
Earlier (March-May 2020) large proportions of reported cases were among persons aged 60 and older. However, starting in June, a much higher number of cases were among persons aged between 20-29 years.

Fig. 15. Age Distribution of COVID -19 Cases in Fulton County by 14-day periods (Mar 02 - Aug 16, 2020)



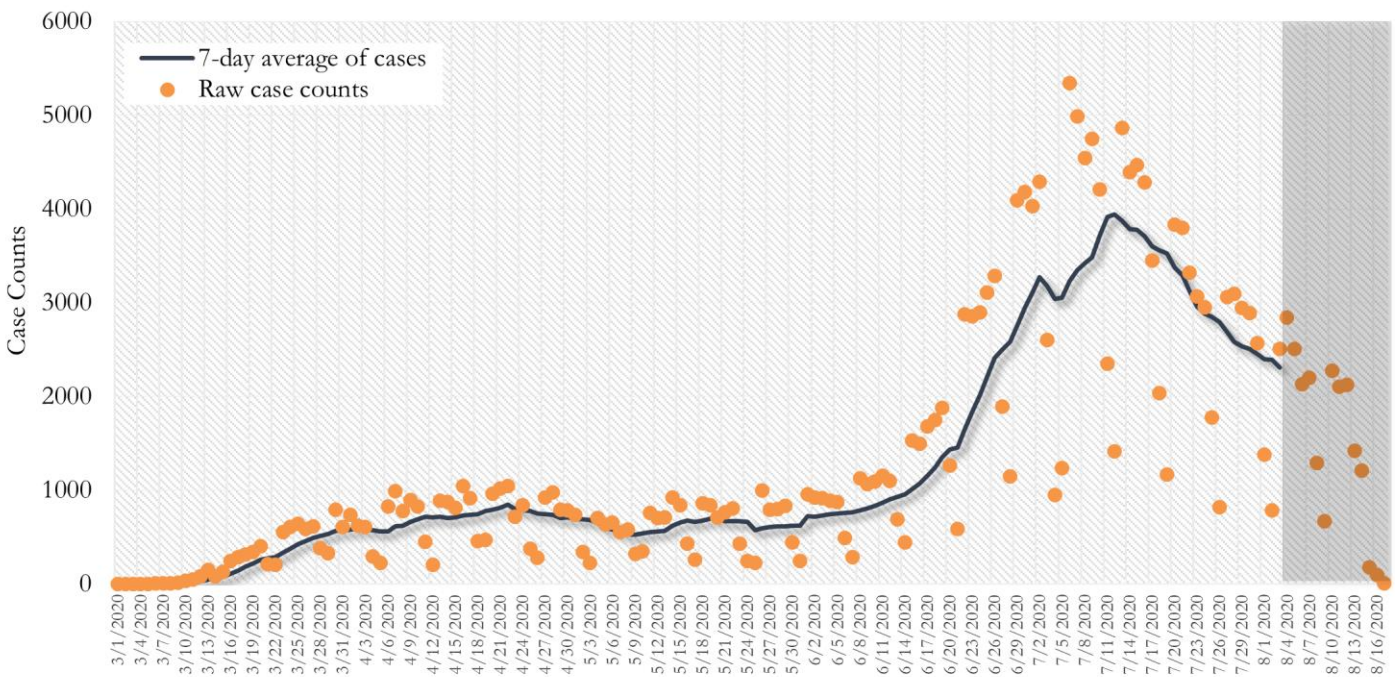
TRENDS IN COVID-19 CASES, HOSPITALIZATIONS AND DEATHS (7-DAY MOVING AVE.)

Fig. 16. New COVID-19 Cases in Fulton County Daily (Averaged over 7 days)



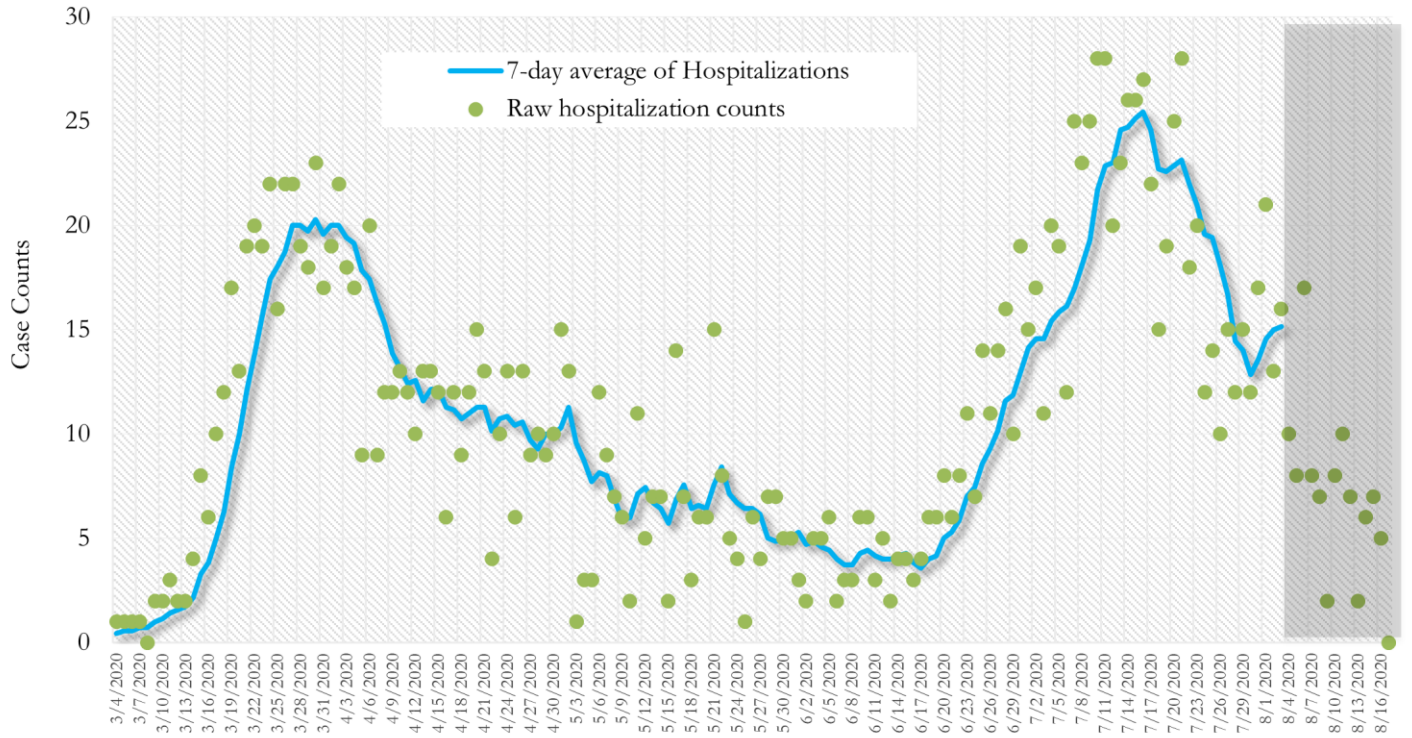
*Date of collection of first positive sample used (report creation date used where sample collection date is missing). Graph above reflects the trend in COVID-19 diagnosis. Due to the high volume of testing in recent weeks, there have been delays in reporting lab results. Thus, the trend is subject to change as more lab results get added to the state surveillance database.

Fig. 17. New COVID-19 Cases in Georgia State Daily (Averaged over 7 days)



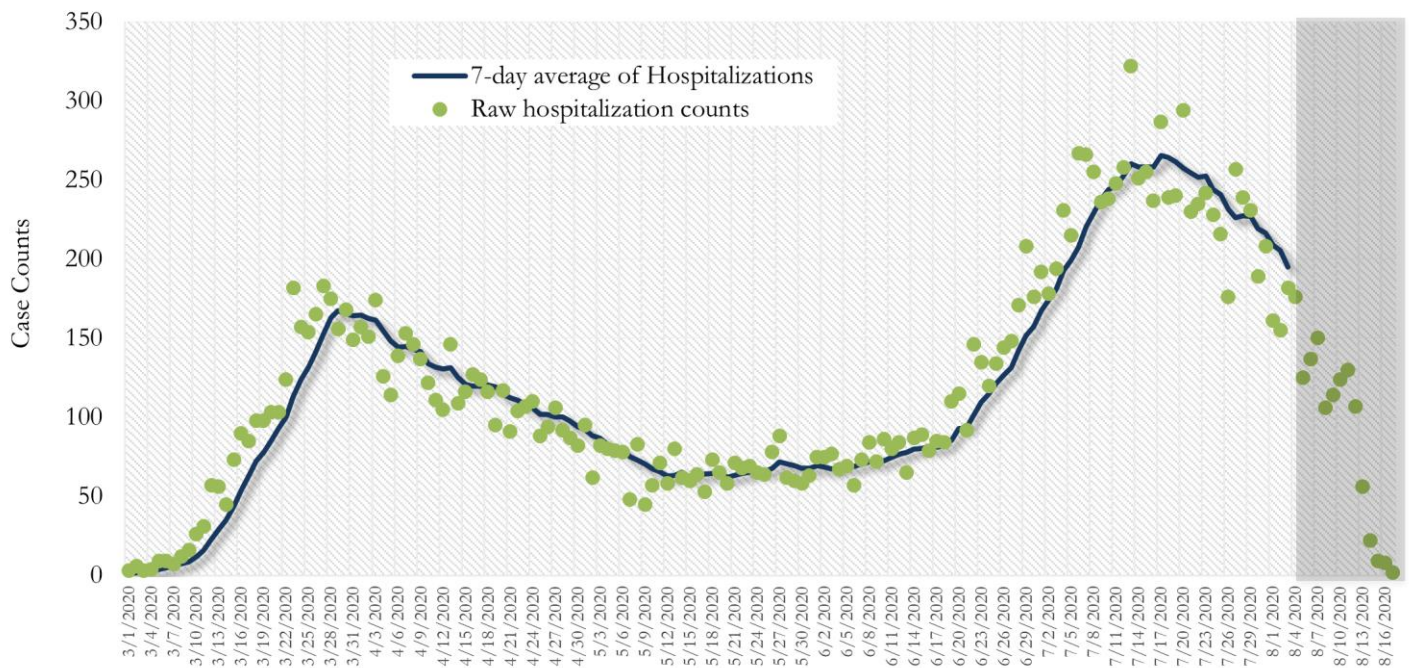
*Date of collection of first positive sample used (report creation date used where sample collection date is missing). Graph above reflects the trend in COVID-19 diagnosis. Due to the high volume of testing in recent weeks, there have been delays in reporting lab results. Thus, the trend is subject to change as more lab results get added to the state surveillance database.

Fig. 18. COVID-19 Hospitalizations in Fulton County Daily (Averaged over 7 days)



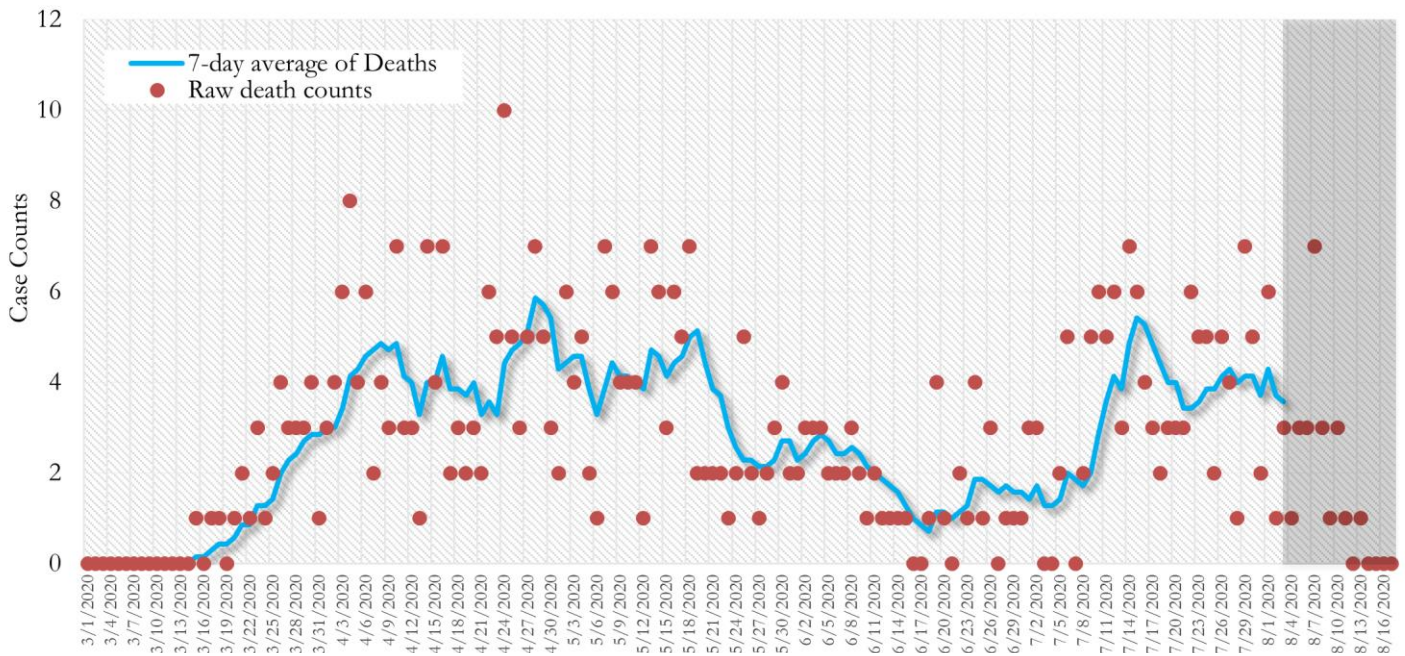
*Reported date of hospital admission used. Graph above reflects the trend in COVID-19 hospitalizations. Due to the high volume of new cases being added daily, there have been delays in reporting hospitalization data. Thus, the trend is likely to change as more hospitalization data is reported in the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

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



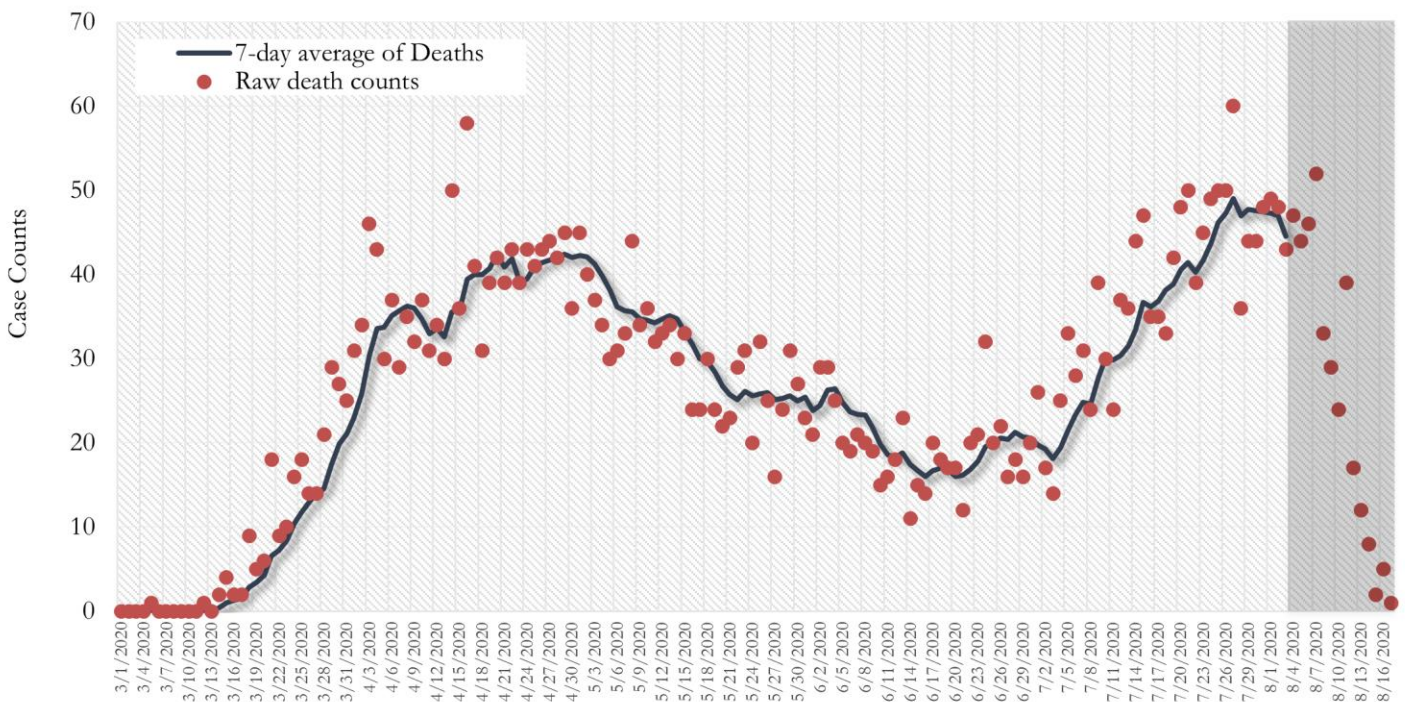
*Reported date of hospital admission used. Graph above reflects the trend in COVID-19 hospitalizations. Due to the high volume of new cases being added daily, there have been delays in reporting hospitalization data. Thus, the trend is likely to change as more hospitalization data is reported in the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

Fig. 20. 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. 21. COVID-19 Deaths in Georgia State Daily (Averaged over 7 days)

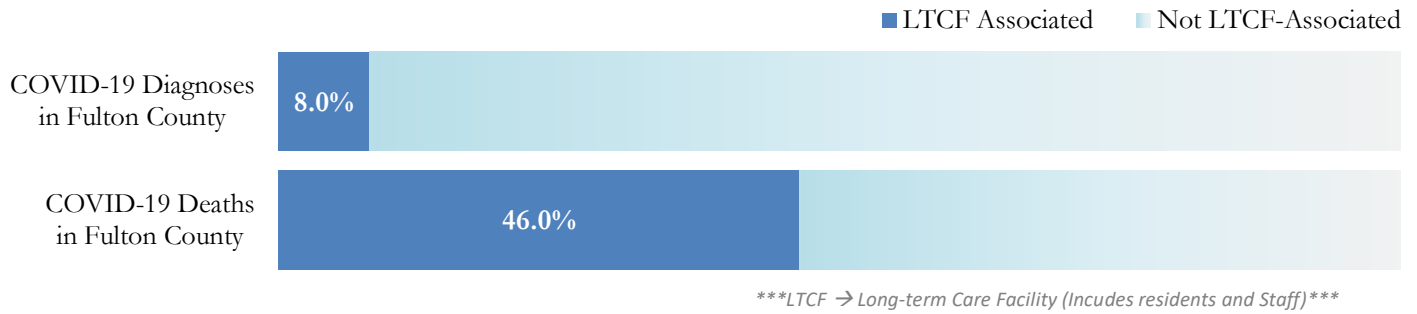


* Reported date of death used. Graph above reflects the trend in deaths attributed to COVID-19. The trend is likely to change as more data on deaths among persons with COVID-19 is reported in the state surveillance database.

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

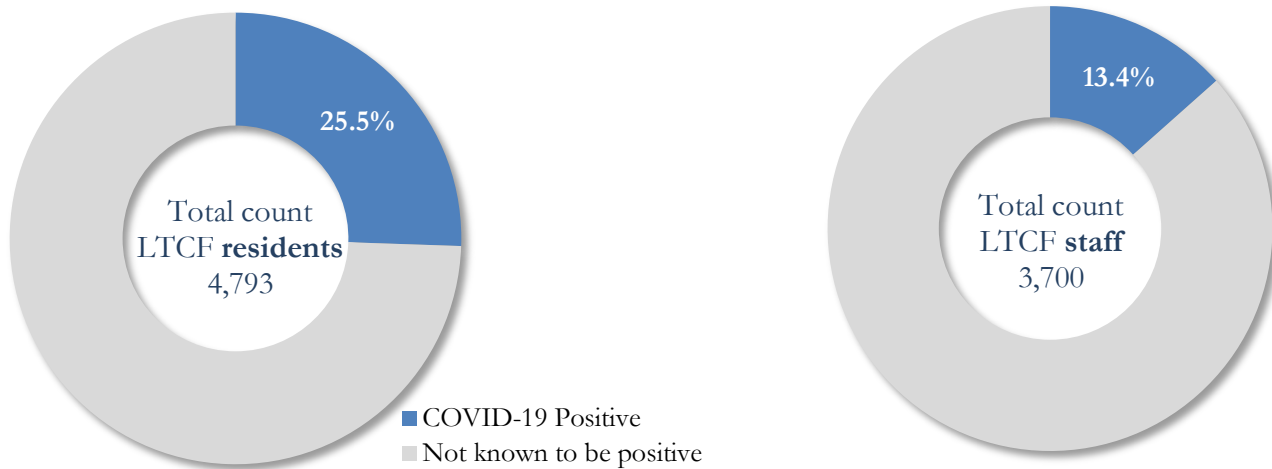
Older persons (aged 65 years and older) and persons who live in nursing homes or other long-term care facilities seem to be at higher risk for developing more serious complications from COVID-19. Extra precautions are recommended for individuals within this risk groups – Centers for Disease Control and Prevention (CDC 2020) <https://www.cdc.gov/coronavirus/2019-ncov/need-extra-precautions/people-at-higher-risk.html>

Fig. 22. COVID-19 Diagnoses and Deaths in Fulton County Associated with Long-Term Care Facilities



COVID-19 POSITIVITY:

Fig. 23. COVID-19 Positivity at 59 reporting Long-Term Care Facilities (LTCF) in Fulton County



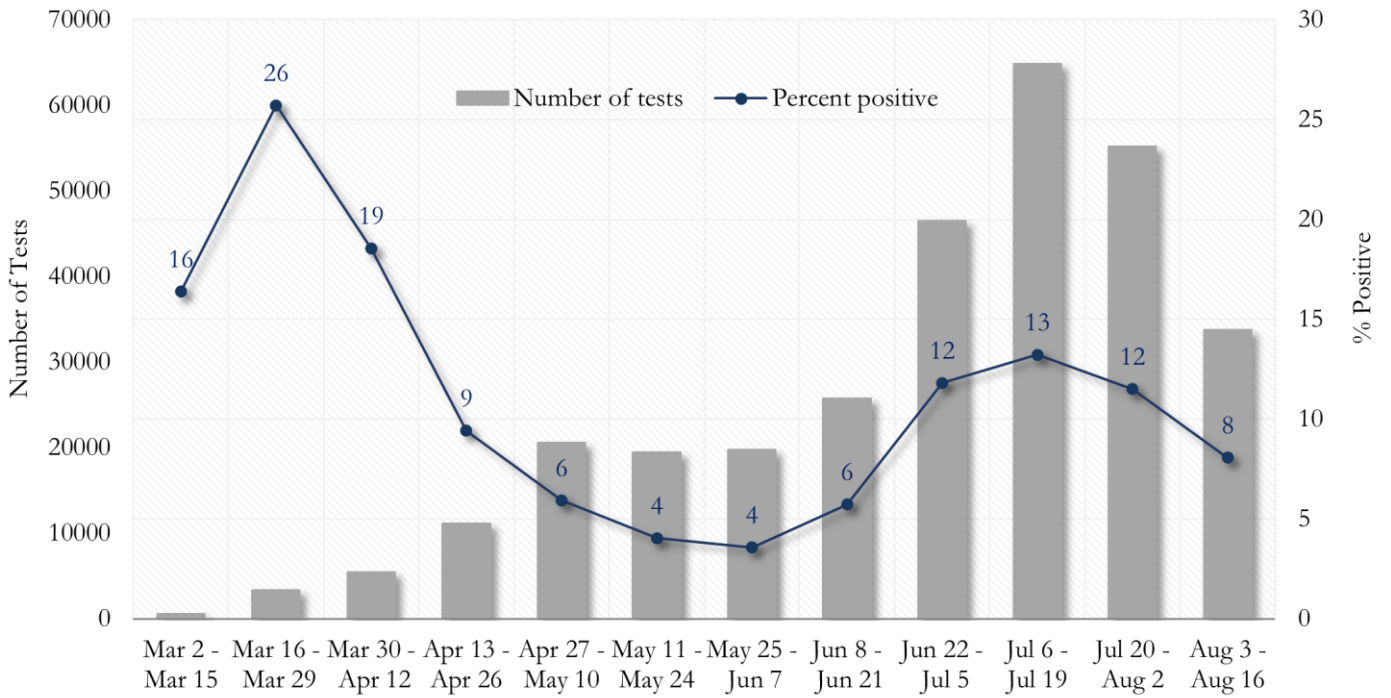
COVID-19 Cases, Hospitalizations, and Deaths among 59 reporting Long-Term Care Facilities in Fulton County

	LTCF Residents (n=4,793)			LTCF Staff (n=3,700)		
	Cases	Hospitalizations	Deaths	Cases	Hospitalizations	Deaths
Average (count per fac.) ¹	21	5	4	8	1	<0.1
Median (count per fac.) ¹	8	2	0	4	0	0
Lowest counts	1	0	0	0	0	0
Highest counts	136	48	29	62	8	1
Total Count	1224 (25.5%)^a	287 (23.5%)^b	210 (17.2%)^b	497 (13.4%)^a	30 (6.0%)^b	3 (<1.0%)^b

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

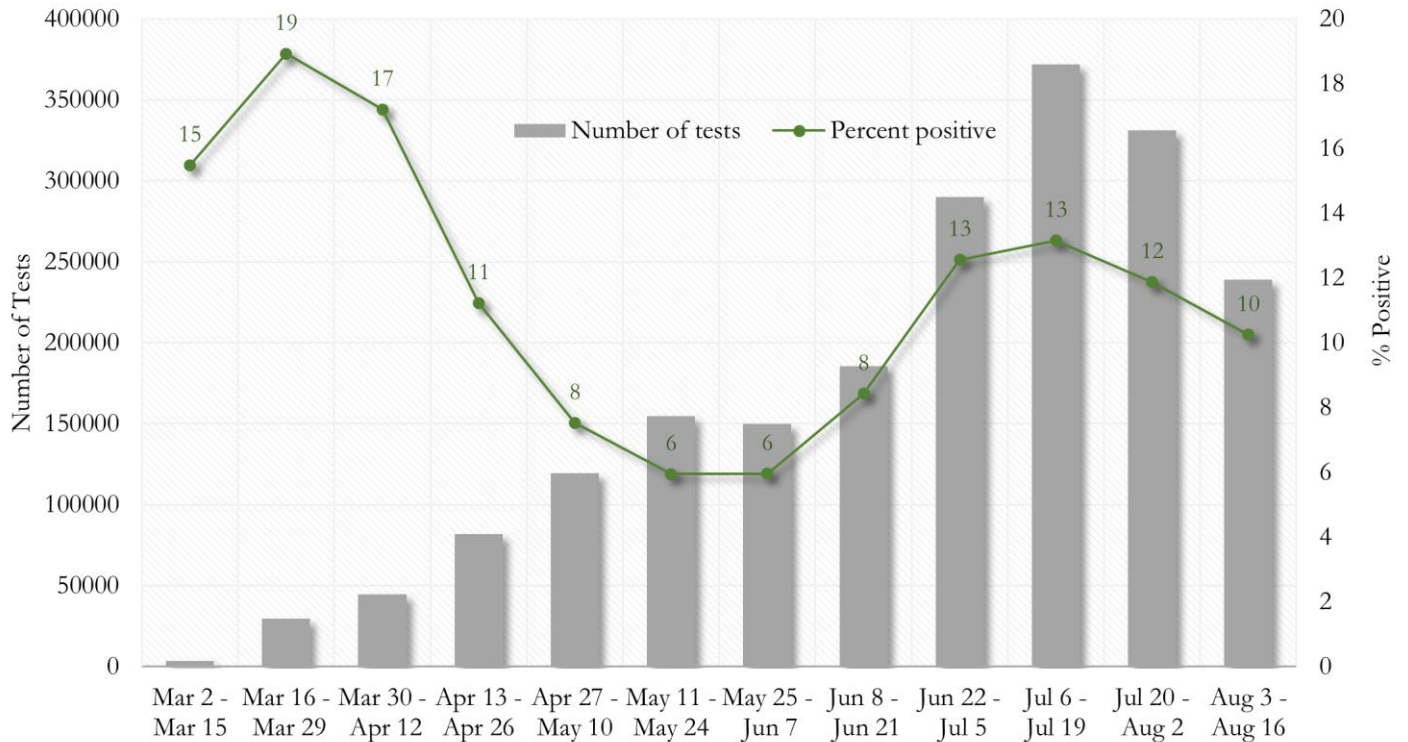
COVID-19 TESTING AND POSITIVITY IN FULTON COUNTY

Fig. 24. Trends in Positive COVID-19 Tests in Fulton County by 14-day Periods



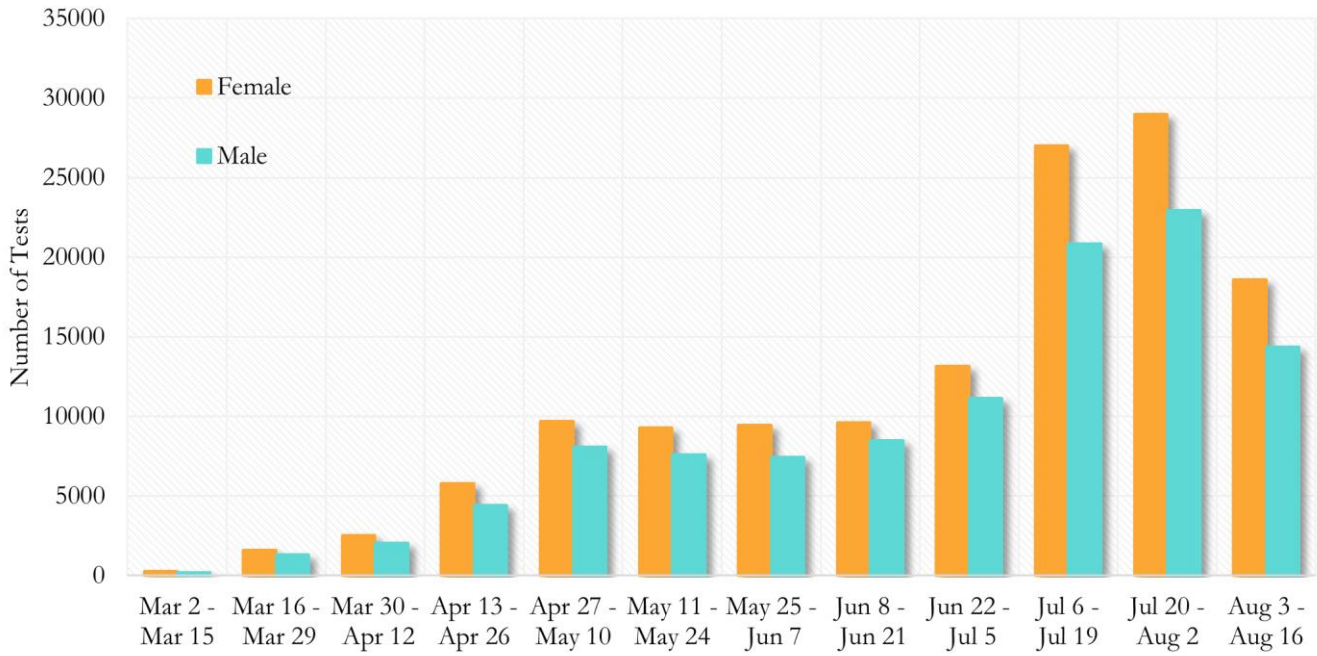
*Data on Polymerase Chain Reaction (PCR) tests only included.

Fig. 25. Trends in Positive COVID-19 Tests in Georgia by 14-day Periods



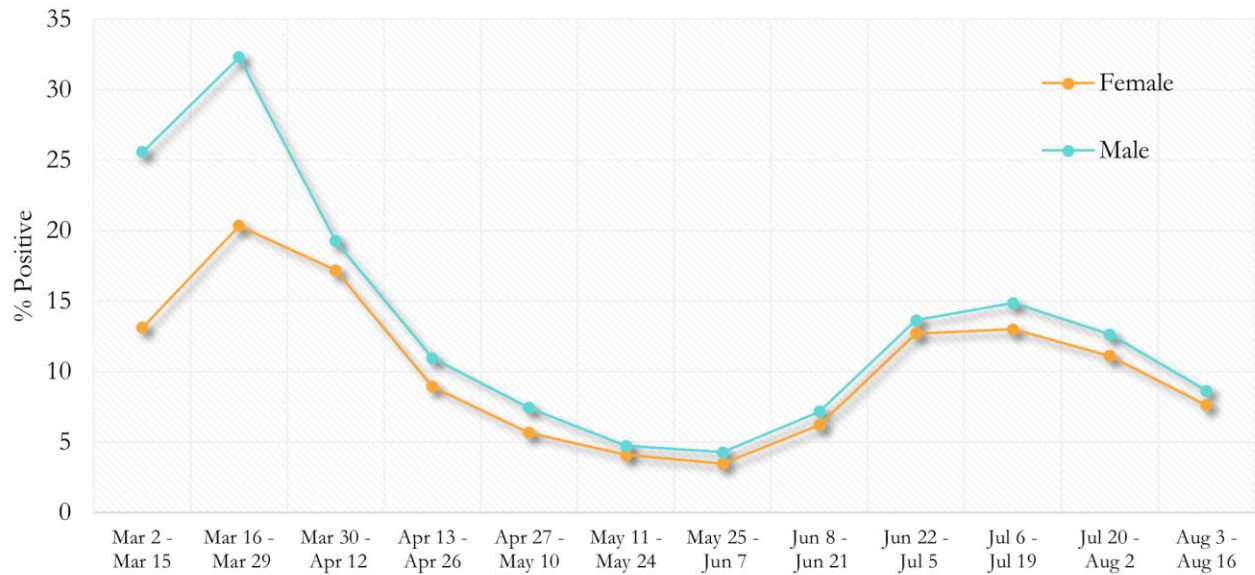
*Data on Polymerase Chain Reaction (PCR) tests only included.

Fig. 26. COVID-19 Tests by Gender in Fulton County by 14-day Periods



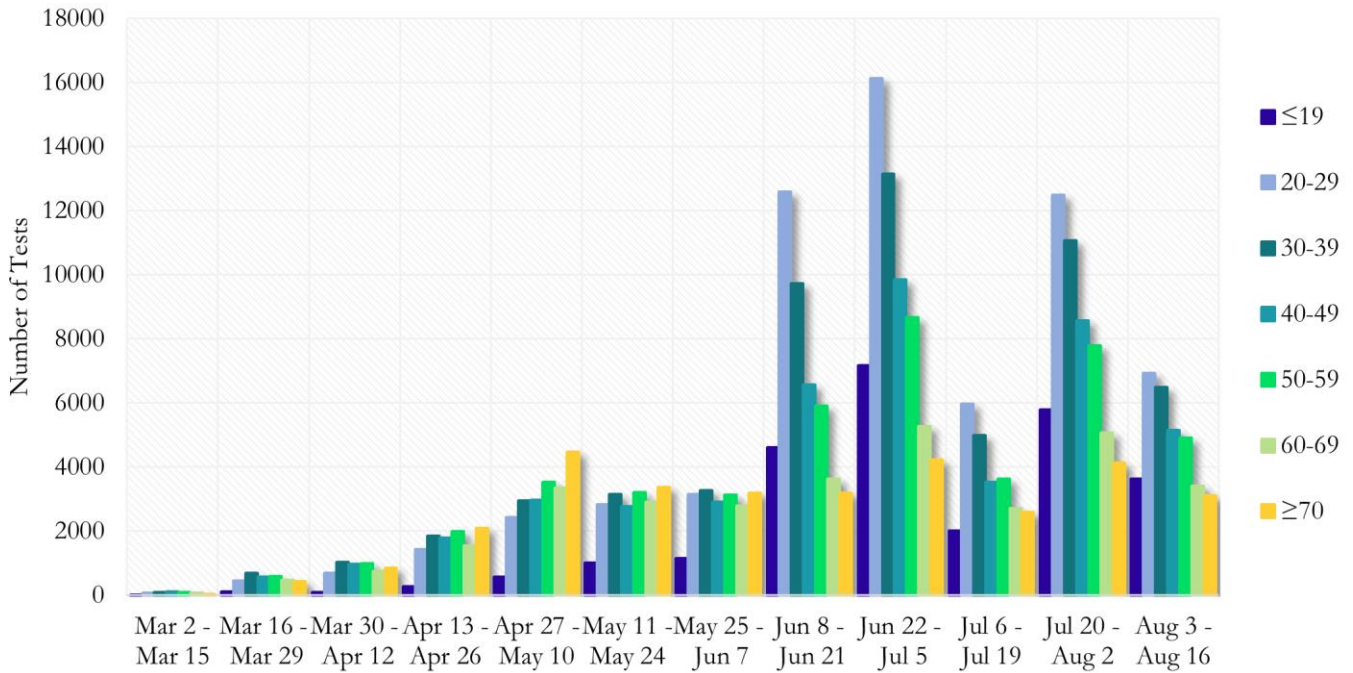
*Data on Polymerase Chain Reaction (PCR) tests only included.

Fig. 27. Percent Positive COVID-19 Tests by Gender in Fulton County by 14-day Periods



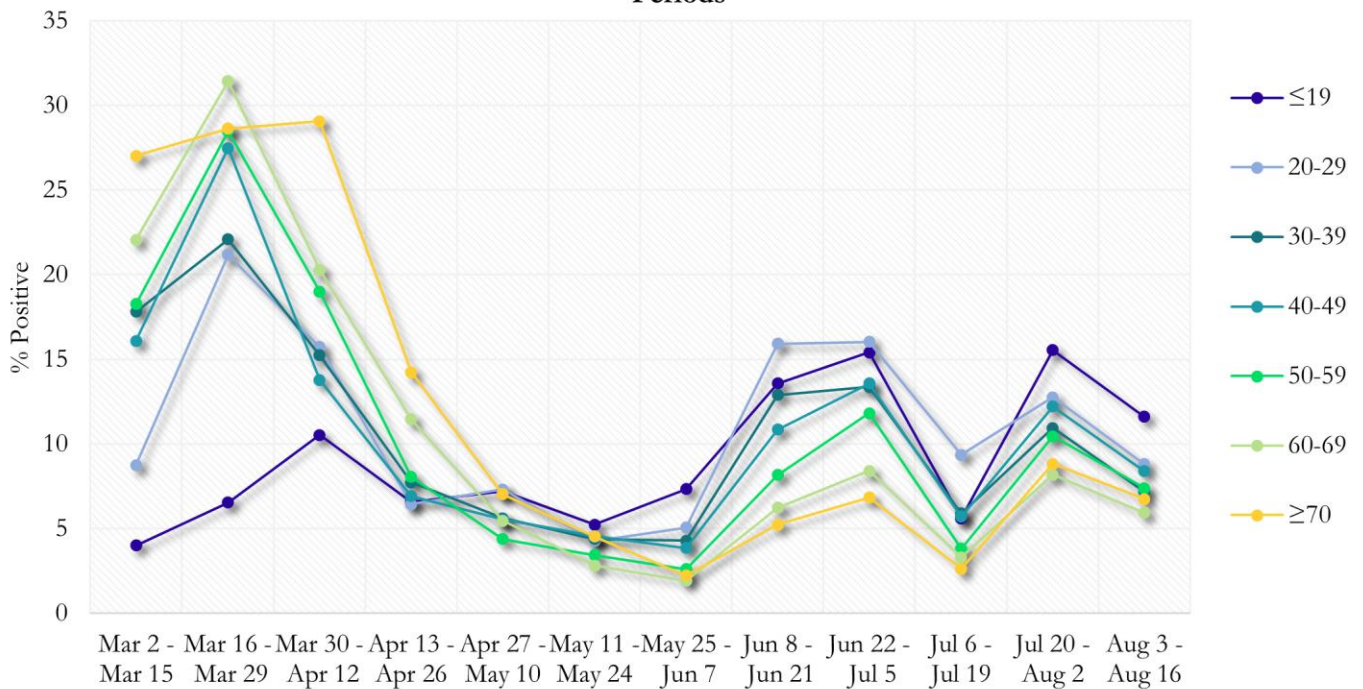
*Data on Polymerase Chain Reaction (PCR) tests only included.

Fig. 28. COVID-19 Tests by Age in Fulton County by 14-day Periods



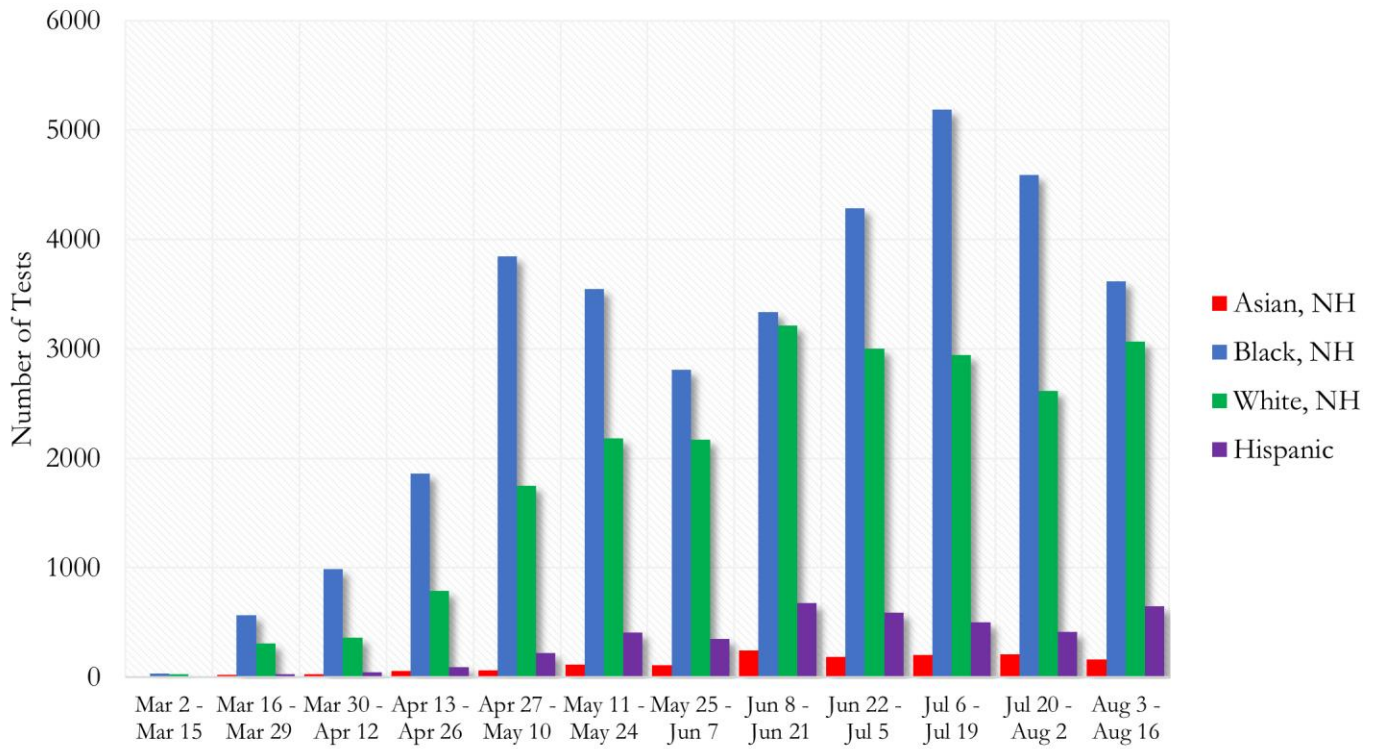
*Data on Polymerase Chain Reaction (PCR) tests only included.

Fig. 29. Percent Positive COVID-19 Tests by Age Group in Fulton County by 14-day Periods



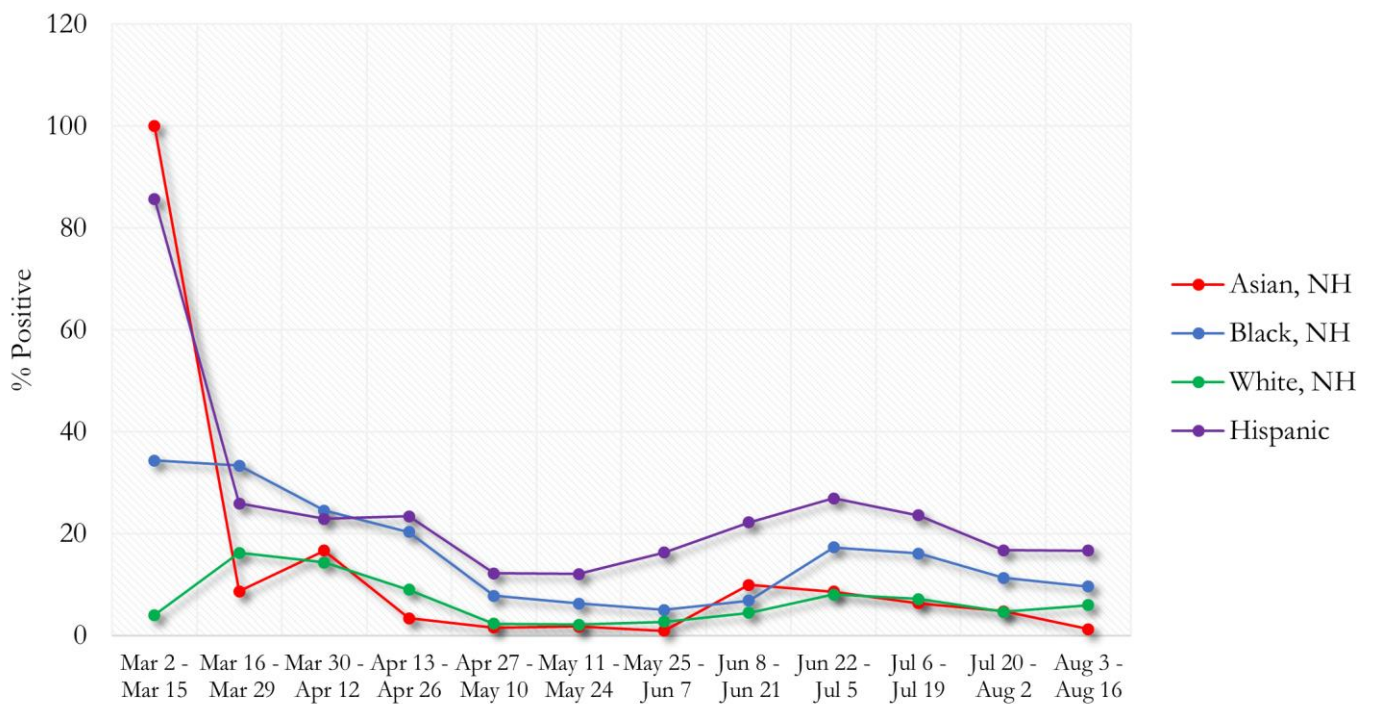
*Data on Polymerase Chain Reaction (PCR) tests only included.

Fig. 30. COVID-19 Tests by Race and Ethnicity in Fulton County by 14-day Periods



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

Fig. 31. 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.