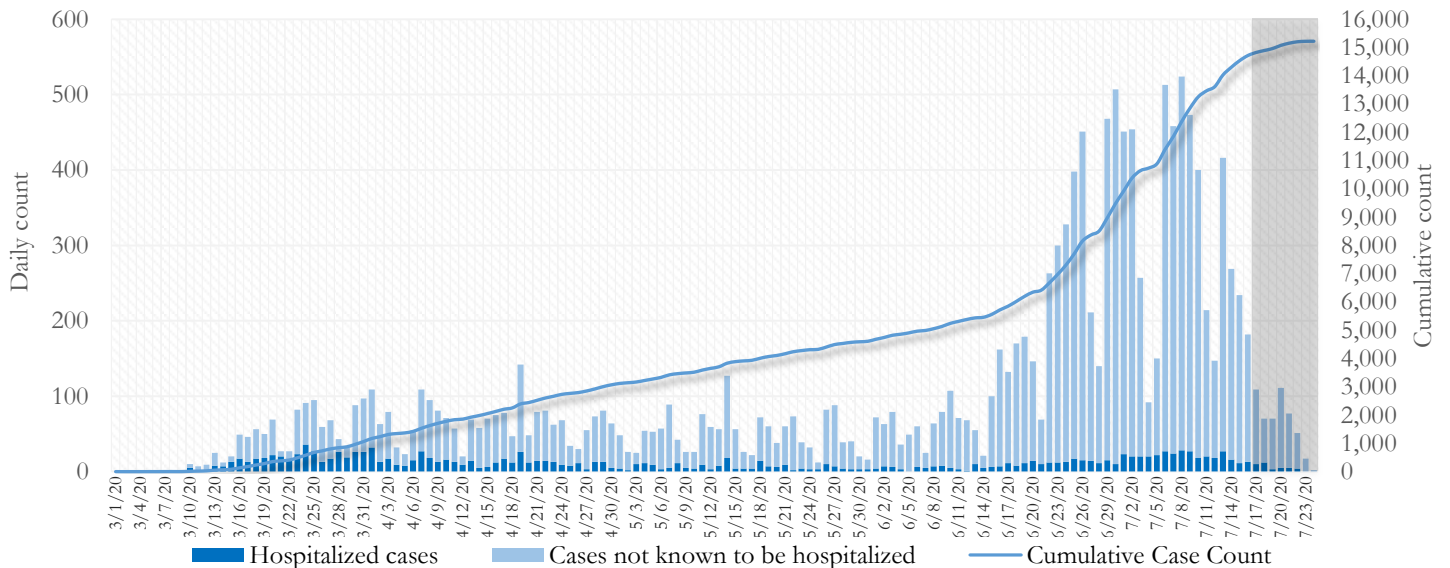


SUMMARY

- As of July 24, 2020, Fulton County has recorded **15,226** cases of the 2019 novel coronavirus (COVID-19) and **366** deaths.
- Of 4,438 **new diagnoses** made between July 04 and July 17, the central portion of the county (Atlanta metro) accounted for 46% while the northern and southern parts accounted for 20% and 21% respectively.
- By city, **new** COVID-19 diagnoses rates range from 147.1 per 100,000 persons (Johns Creek) to 528.8 per 100,000 persons (South Fulton). [Fulton County Diagnoses Rates (per 100,000 persons): Cumulative – 1,431.1; Incident – 417.1]. See map showing incident case rate by ZIP code on Pg.4.
- Among all persons diagnosed with COVID-19 in Fulton County, 10.4% required hospitalization and 2.4% died.
- Residents and staff of long-term care facilities account for 10.6% of COVID-19 diagnoses and 52.2% 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 7/24/20 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.

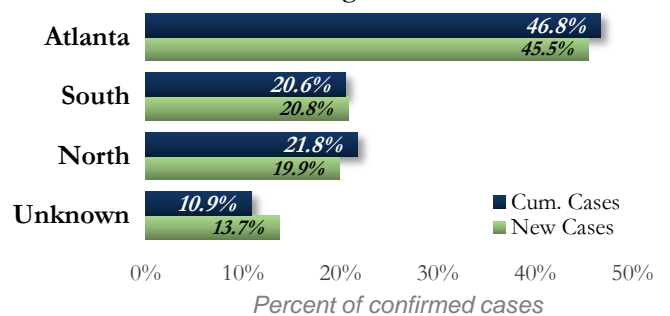
DISTRIBUTION OF COVID-19 DIAGNOSES BY REGION

New cases: 46% of the new COVID-19 cases diagnosed in the past 2 weeks occurred in Atlanta while 20% and 21% occurred in the Northern and Southern regions of the county respectively.

Fulton Region	% Cumulative count	% New cases*
Atlanta	46.8%	45.5%
North ¹	21.8%	19.9%
South ²	20.6%	20.8%
Unincorporated/Unknown	10.9%	13.7%

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 7/04/20 – 7/17/20).

Fig. 2. Distribution of COVID 19 cases by Region

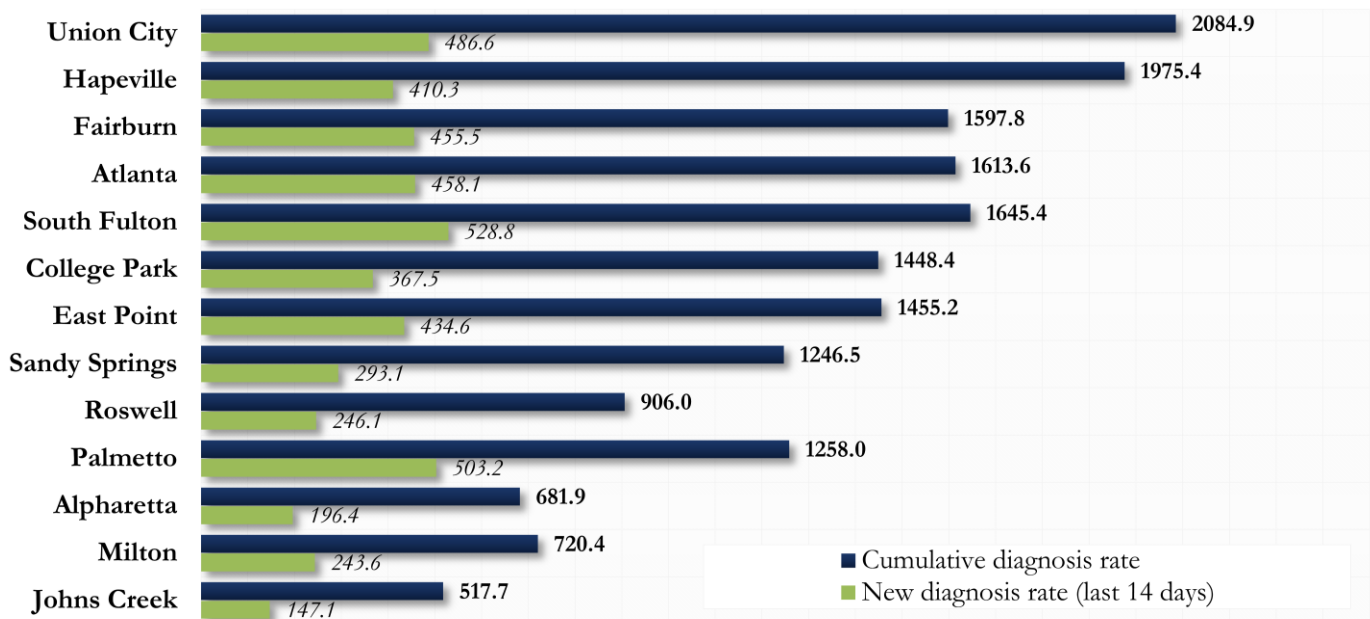


COVID-19 CASE COUNTS AND RATES BY CITY

	Prior (7/22/20)	Current Total (7/24/20)			New Cases (Period: 6/19/20 – 7/17/20) ¹			
	Count	Count	%	Cum. Rate ²	Ist 14 d. (6/19–7/03)	Last 14 d. (7/04–7/17)	% change ³	Rate ⁴ (Last 14 d.)
Atlanta	6763	7119	46.8%	1613.6	2202	2021	↓ 8.2%	458.1
South Fulton	1449	1565	10.3%	1645.4	428	503	↑ 17.5%	528.8
Sandy Springs	1230	1314	8.6%	1246.5	386	309	↓ 19.9%	293.1
Roswell	759	854	5.6%	906.0	217	232	↑ 6.9%	246.1
East Point	472	509	3.3%	1455.2	145	152	↑ 4.8%	434.6
Johns Creek	380	433	2.8%	517.7	136	123	↓ 9.6%	147.1
Union City	408	437	2.9%	2084.9	98	102	↑ 4.1%	486.6
Alpharetta	396	441	2.9%	681.9	137	127	↓ 7.3%	196.4
Milton	250	275	1.8%	720.4	87	93	↑ 6.9%	243.6
Fairburn	213	235	1.5%	1597.8	49	67	↑ 36.7%	455.5
College Park	182	201	1.3%	1448.4	44	51	↑ 15.9%	367.5
Palmetto	47	55	0.4%	1258.0	15	22	↑ 46.7%	503.2
Hapeville	124	130	0.9%	1975.4	23	27	↑ 17.4%	410.3
Mountain Park	0	0	0.0%	-	0	0	-	0.0
Unknown	1491	1658	10.9%	-	397	606	-	-

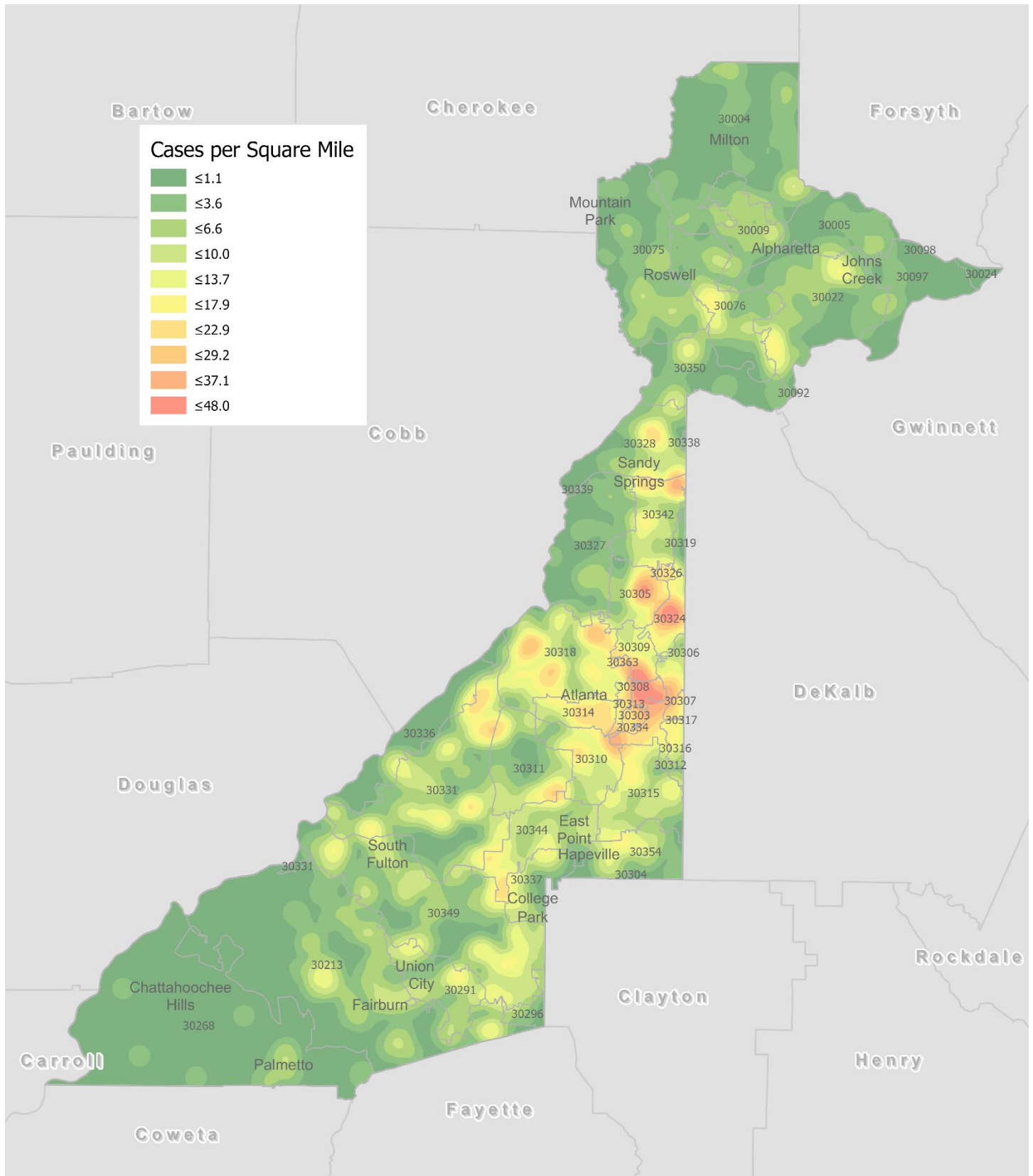
¹**New cases:** Cases diagnosed in most recent 28 days (based on reported dates of positive sample collection). To allow for lag in reporting results of new diagnoses from samples collected in the most recent week, data used for incident diagnoses analyses were moved back by one week. ²**Cumulative diagnosis 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



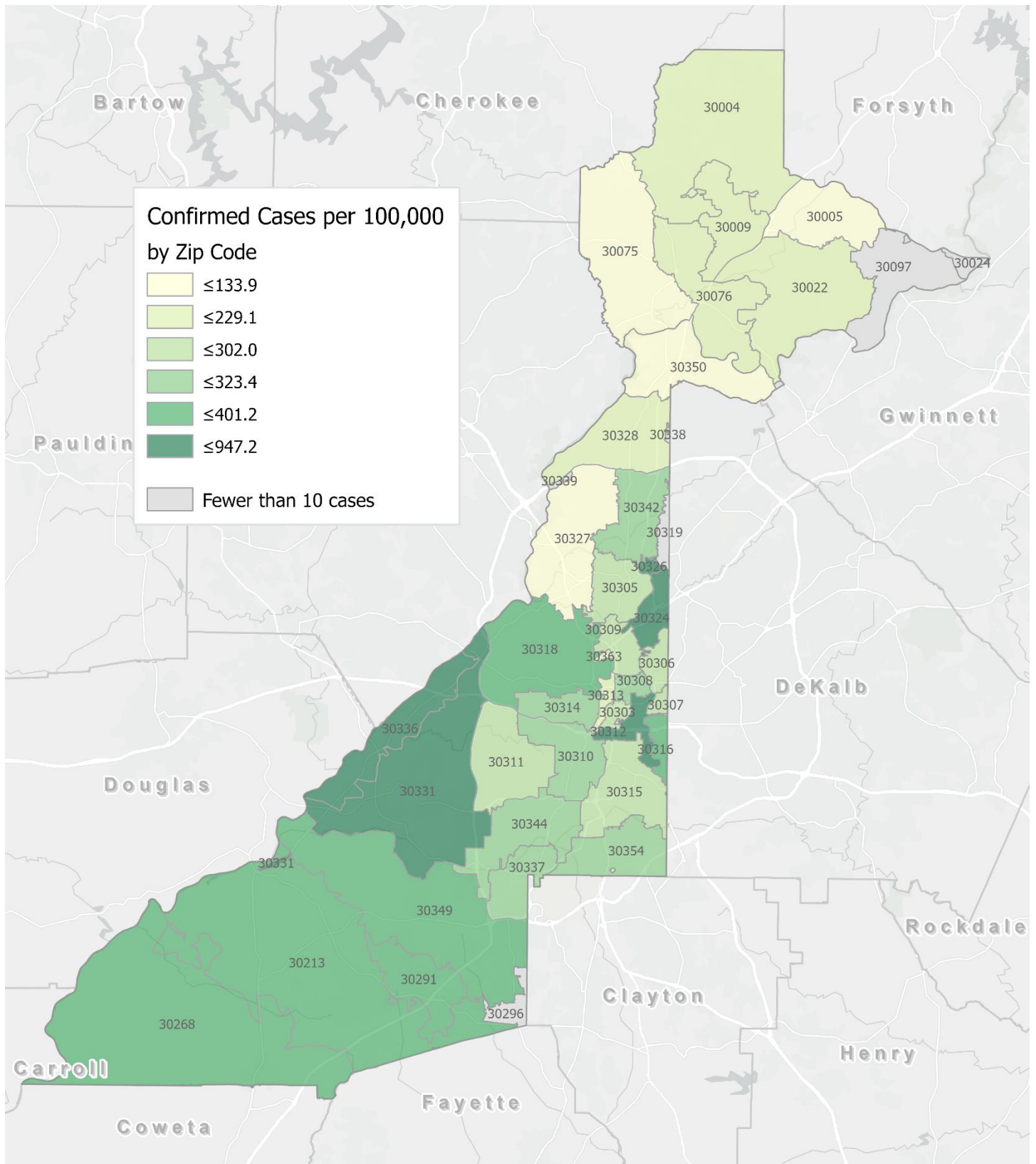
*Rates shown are per 100,000 persons | **Note:** Mass testing in specific locations (e.g. long term care facilities) may cause sharp increases in the cumulative rate of COVID-19 diagnosis in those territories. All data shown are preliminary and are subject to change as testing results get updated.

Fig. 4. Density Map – New COVID 19 Diagnoses (Jul 04 – Jul 17, 2020) in Fulton County



NB. **New COVID-19 cases:** Cases diagnosed in most recent 14 days (based on reported dates of positive sample collection). To allow for lag in reporting results of positive cases from samples collected in the immediate past 7 days, data used for incident diagnoses analyses are moved back by one week. Map reflects new COVID-19 cases diagnosed between July 4th and Jul 17th, 2020 across Fulton County.

Fig. 5. New COVID-19 Diagnoses Rates (per 100,000 population) by ZIP Code (Jul 04 – Jul 17, 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 (7/22/20)	Current Total (7/24/20)		New Cases (Period: 6/19/20 – 7/17/20) ¹		
	Count	Count	%	1st 14 days (Jun 19 – Jul 03)	Last 14 d. (Jul 04 – Jul 17)	% change ²
All Fulton	14164	15226	100.0%	3729	4364	↑ 17.0%
30331	969	1032	6.8%	218	306	↑ 40.4%
30318	909	959	6.3%	234	338	↑ 44.4%
30349	907	983	6.5%	256	300	↑ 17.2%
30213	541	581	3.8%	132	160	↑ 21.2%
30315	419	445	2.9%	95	133	↑ 40.0%
30344	423	459	3.0%	116	130	↑ 12.1%
30311	430	453	3.0%	97	134	↑ 38.1%
30342	632	673	4.4%	172	174	↑ 1.2%
30314	367	379	2.5%	57	85	↑ 49.1%
30310	440	456	3.0%	133	130	↓ 2.3%
30308	276	286	1.9%	66	39	↓ 40.9%
30022	429	483	3.2%	161	132	↓ 18.0%
30327	275	290	1.9%	103	55	↓ 46.6%
30004	369	413	2.7%	123	116	↓ 5.7%
30309	449	469	3.1%	123	106	↓ 13.8%
30076	328	375	2.5%	92	89	↓ 3.3%
30291	434	464	3.0%	147	115	↓ 21.8%
30350	270	293	1.9%	92	94	↑ 2.2%
30075	384	441	2.9%	90	87	↓ 3.3%
30328	377	404	2.7%	102	128	↑ 25.5%
30316	222	225	1.5%	47	100	↑ 112.8%
30312	514	537	3.5%	127	130	↑ 2.4%
30005	189	209	1.4%	71	51	↓ 28.2%
30305	437	461	3.0%	88	95	↑ 8.0%
30306	170	180	1.2%	47	67	↑ 42.6%
30324	540	565	3.7%	181	168	↓ 7.2%
30337	174	187	1.2%	26	47	↑ 80.8%
30009	157	170	1.1%	33	53	↑ 60.6%
30313	98	103	0.7%	21	30	↑ 42.9%
30326	122	135	0.9%	49	32	↓ 34.7%
30097	83	95	0.6%	24	43	↑ 79.2%
30354	238	252	1.7%	51	72	↑ 41.2%
30303	318	348	2.3%	32	240	↑ 650.0%
30339	155	162	1.1%	48	88	↑ 83.3%
30268	71	86	0.6%	32	<10	↓ 75.0%
30307	93	94	0.6%	20	13	↓ 35.0%
30319	78	80	0.5%	17	44	↑ 158.8%
30336	56	63	0.4%	12	15	↑ 25.0%
30296	22	26	0.2%	<10	<10	-
30363	40	43	0.3%	12	17	↑ 41.7%
30301	<10	<10	<0.1%	0	0	-
30345	25	25	0.2%	11	<10	↓ 90.9%
31131	<10	<10	<0.1%	<10	<10	-
30023	<10	<10	<0.1%	<10	<10	-
30080	<10	<10	<0.1%	<10	<10	-
30135	<10	<10	<0.1%	0	<10	-
30138	<10	<10	<0.1%	0	0	-
30139	-	-	-	0	0	-
30321	<10	<10	<0.1%	<10	<10	-

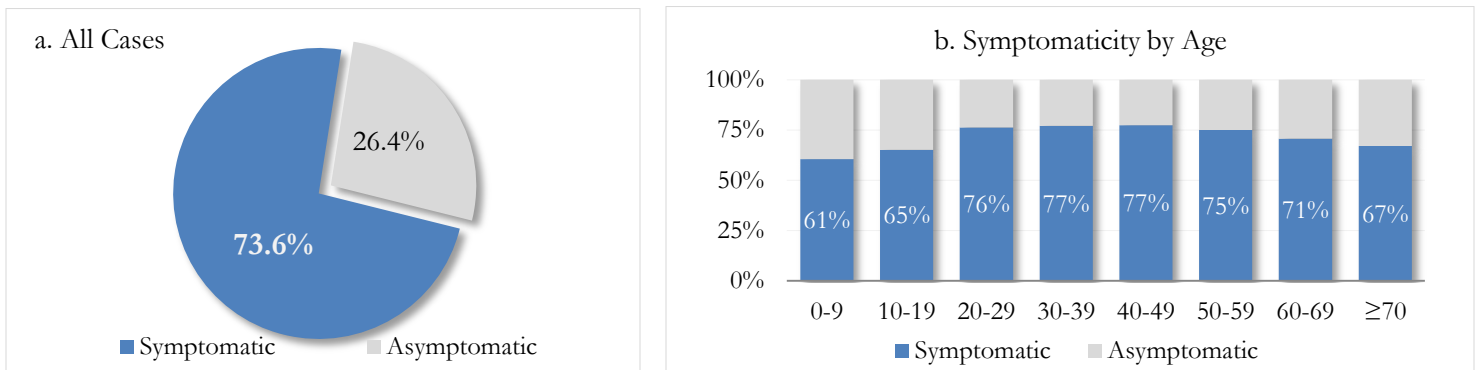
30340	24	25	0.2%	<10	<10	-
30341	25	27	0.2%	<10	<10	-
30358	<10	<10	<0.1%	0	0	-
30374	24	26	0.2%	<10	<10	-
30606	<10	<10	<0.1%	0	0	-
31150	<10	<10	<0.1%	0	<10	-
30024	<10	<10	<0.1%	<10	<10	-
30098	-	-	-	0	0	-
30334	10	12	<0.1%	<10	<10	-
30338	71	81	0.5%	13	35	↑ 169.2%
Unknown	539	627	4.1%	123	140	-

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>

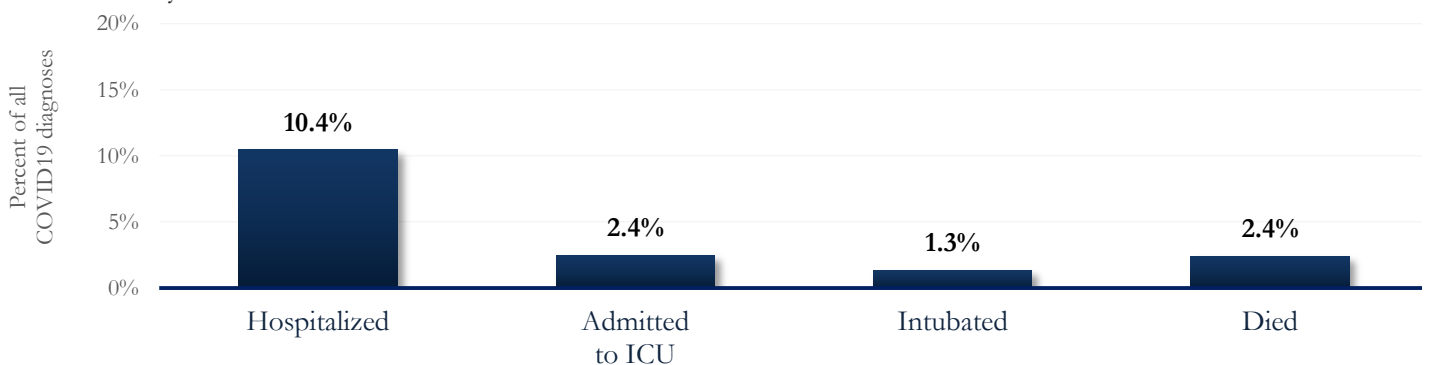
Fig. 6a & b. Proportion Reporting Symptoms in Fulton



COVID-19 cases who have been case interviewed or had medical charts reviewed as at 7/24/20 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	3317	7119	3132	1658	15226
Gender: Female	1600 (48.2%)	3260 (45.8%)	1689 (53.9%)	802 (48.4%)	7351 (48.3%)
Male	1564 (47.2%)	3185 (44.7%)	1227 (39.2%)	751 (45.3%)	6727 (44.2%)
Unknown	153 (4.6%)	674 (9.5%)	216 (6.9%)	105 (6.3%)	1148 (7.5%)
Age: 0-9	98 (3.0%)	105 (1.5%)	68 (2.2%)	44 (2.7%)	315 (2.1%)
10-19	363 (10.9%)	398 (5.6%)	159 (5.1%)	93 (5.6%)	1013 (6.7%)
20-29	751 (22.6%)	2015 (28.3%)	603 (19.3%)	421 (25.4%)	3790 (24.9%)
30-39	555 (16.7%)	1548 (21.7%)	625 (20.0%)	355 (21.4%)	3083 (20.2%)
40-49	527 (15.9%)	931 (13.1%)	557 (17.8%)	246 (14.8%)	2261 (14.8%)
50-59	459 (13.8%)	798 (11.2%)	449 (14.3%)	208 (12.5%)	1914 (12.6%)
60-69	274 (8.3%)	565 (7.9%)	334 (10.7%)	127 (7.7%)	1300 (8.5%)
≥70	285 (8.6%)	740 (10.4%)	330 (10.5%)	158 (9.5%)	1513 (9.9%)
Unknown	<10	19 (0.3%)	<10	<10	37 (0.2%)
Race: Asian, NH	81 (2.4%)	90 (1.3%)	11 (0.4%)	27 (1.6%)	209 (1.4%)
Black, NH	344 (10.4%)	2980 (41.9%)	1797 (57.4%)	469 (28.3%)	5590 (36.7%)
White, NH	934 (28.2%)	1130 (15.9%)	128 (4.1%)	282 (17.0%)	2474 (16.2%)
Hispanic	558 (16.8%)	386 (5.4%)	171 (5.5%)	176 (10.6%)	1291 (8.5%)
Other, NH	133 (4.0%)	180 (2.5%)	61 (1.9%)	71 (4.3%)	445 (2.9%)
Unknown	1267 (38.2%)	2353 (33.1%)	964 (30.8%)	633 (38.2%)	5217 (34.3%)

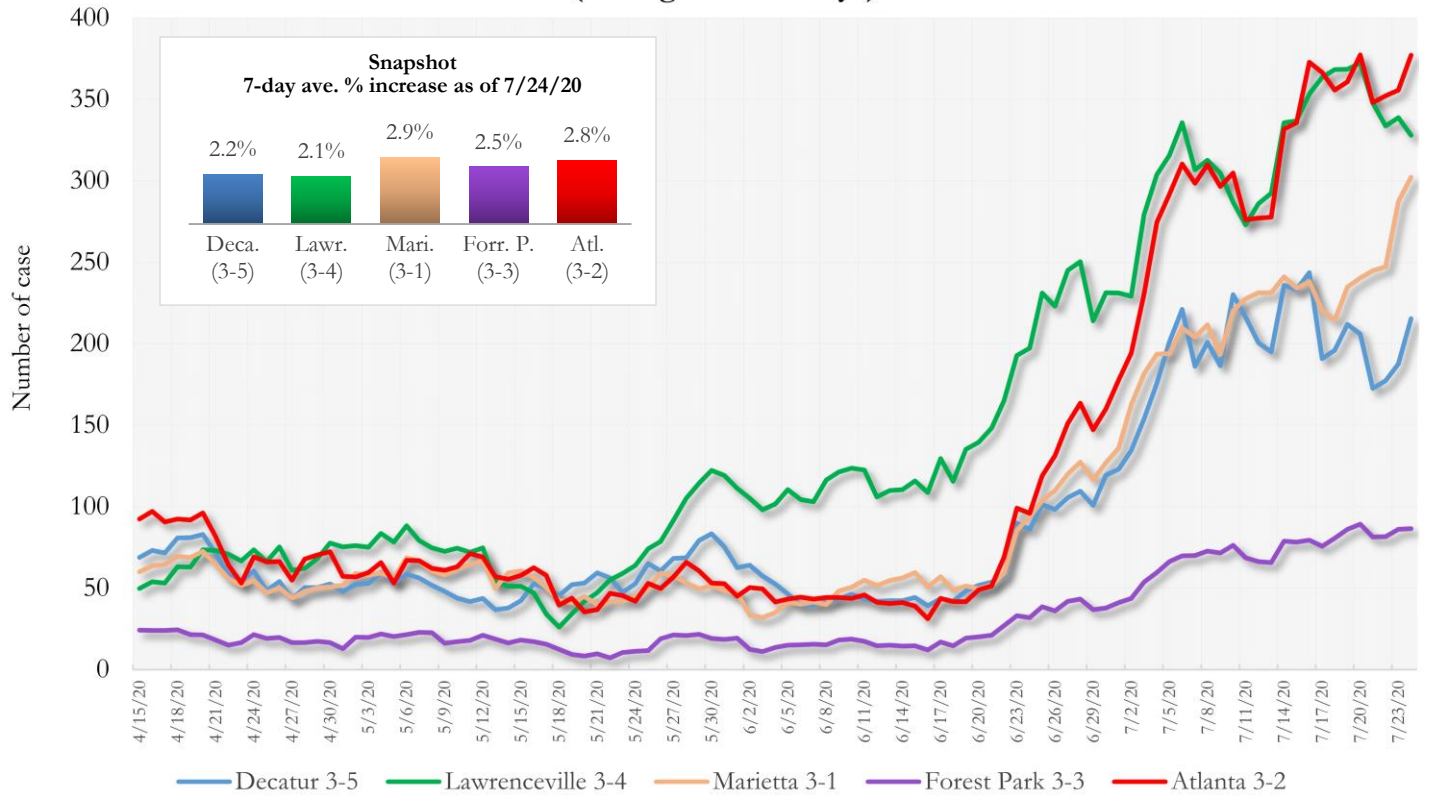
B. Distribution of COVID-19 deaths in Fulton County by Fulton Region

	North Fulton Cities ¹ Count (%)	Atlanta Count (%)	South Fulton Cities ² Count (%)	Unknown City Count (%)	All Fulton Count (%)
Total COVID-19 deaths	59	176	99	32	366
Gender: Female	23 (39.0%)	75 (42.6%)	53 (53.5%)	19 (59.4%)	170 (46.4%)
Male	36 (61.0%)	101 (57.4%)	46 (46.5%)	13 (40.6%)	196 (53.6%)
Unknown	0	0	0	0	0
Age: ≤ 29	0	<10	<10	0	<10
30-39	<10	<10	<10	0	<10
40-49	<10	<10	<10	0	11 (3.0%)
50-59	<10	11 (6.3%)	10 (10.1%)	<10	25 (6.8%)
60-69	<10	31 (17.6%)	26 (26.3%)	<10	65 (17.8%)
≥70	46 (78.0%)	125 (71.0%)	57 (57.6%)	28 (87.5%)	256 (69.9%)
Unknown	0	0	0	0	0
Race: Asian, NH	0	<10	0	<10	<10
Black, NH	12 (20.3%)	146 (83.0%)	85 (85.9%)	15 (46.9%)	258 (70.5%)
White, NH	44 (74.6%)	21 (11.9%)	10 (10.1%)	14 (43.8%)	89 (24.3%)
Hispanic	<10	<10	<10	<10	11 (3.0%)
Other, NH	0	<10	<10	0	<10
Unknown	0	<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.

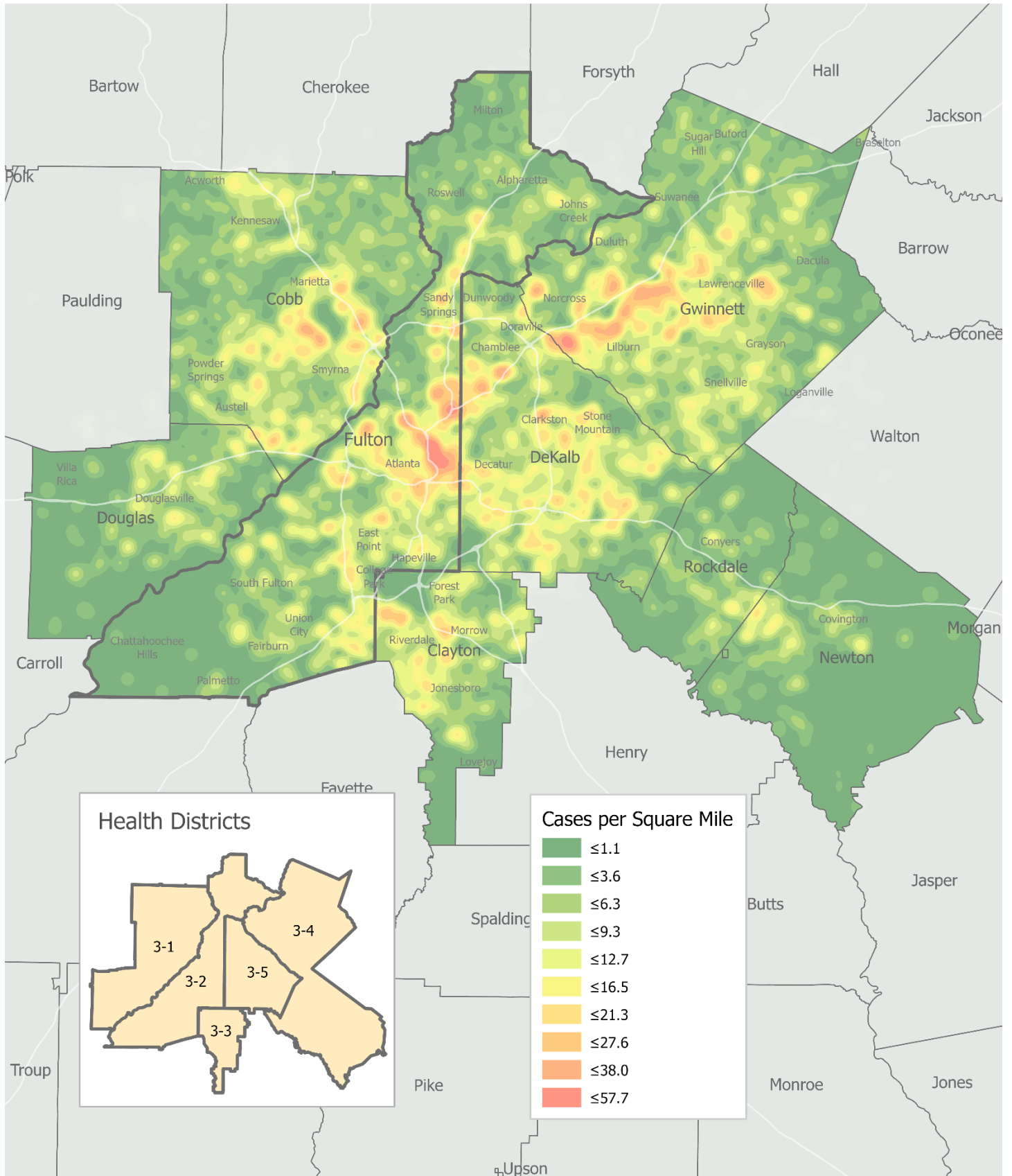
COVID-19 CASE TRENDS IN FULTON AND SURROUNDING DISTRICTS

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



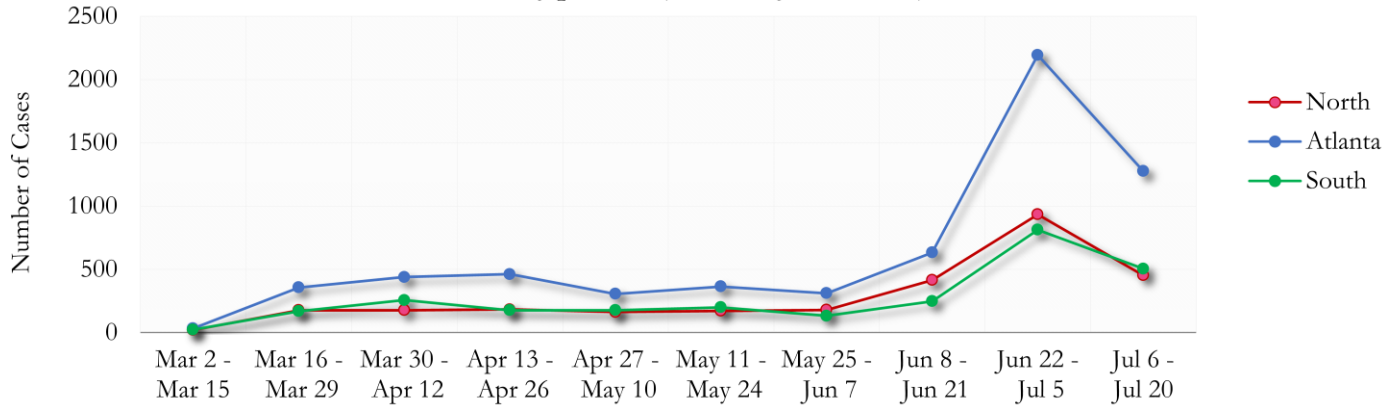
*Graph shows the average number of cases calculated from the daily cumulative case counts in the metro Atlanta districts. Increases in daily cumulative case counts may include cases diagnosed earlier during the pandemic but were only recently reported to the state as cases diagnosed belonging to these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

Fig. 9. COVID-19 Cases in Fulton County and Surrounding Districts (Jul 04 – Jul 17, 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 - Jul 20, 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- Jul 20, 2020)

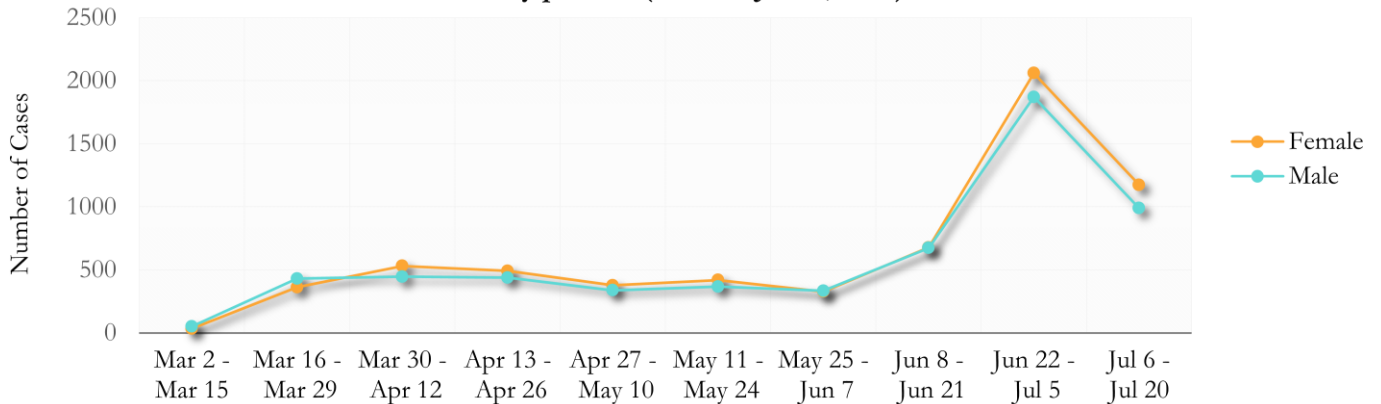
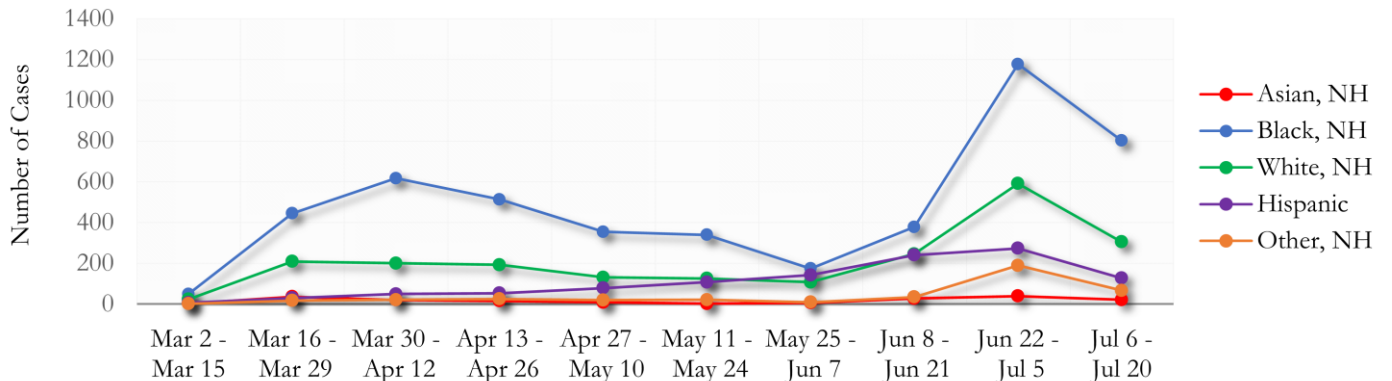


Fig. 12. Trends in Racial Distribution of COVID -19 Diagnoses in Fulton County by 14-day periods (Mar 02 - Jul 20, 2020)



About 30% 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- Jul 20, 2020)

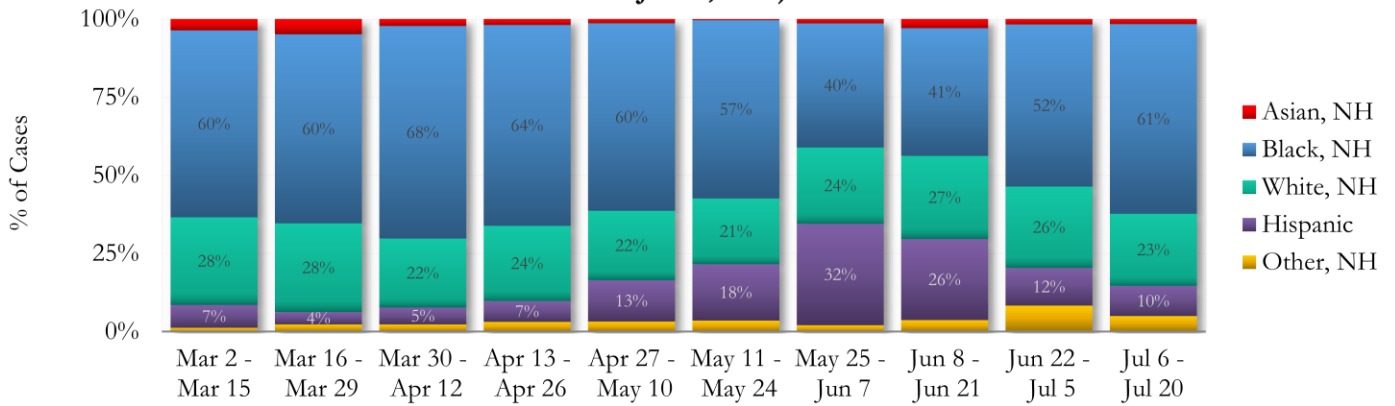
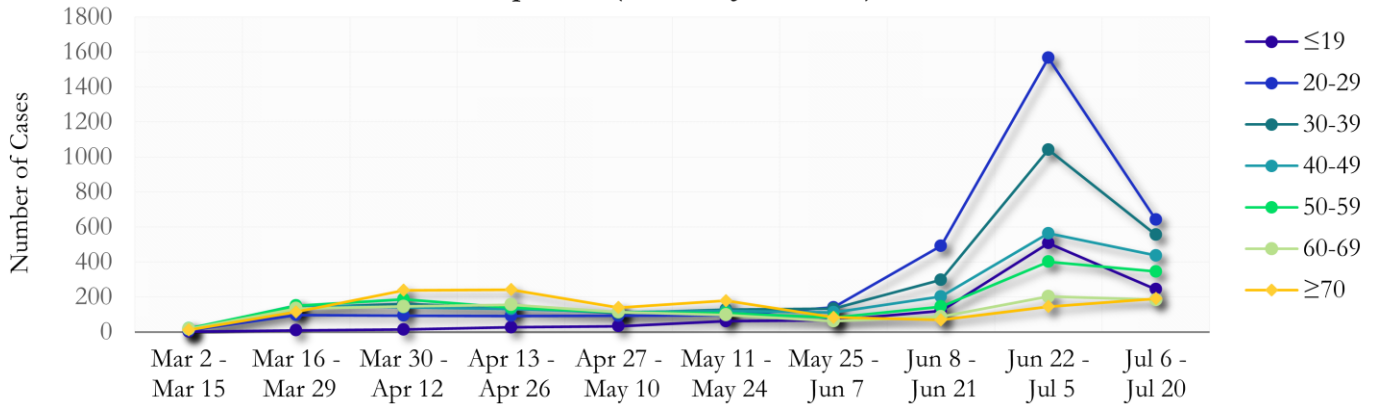
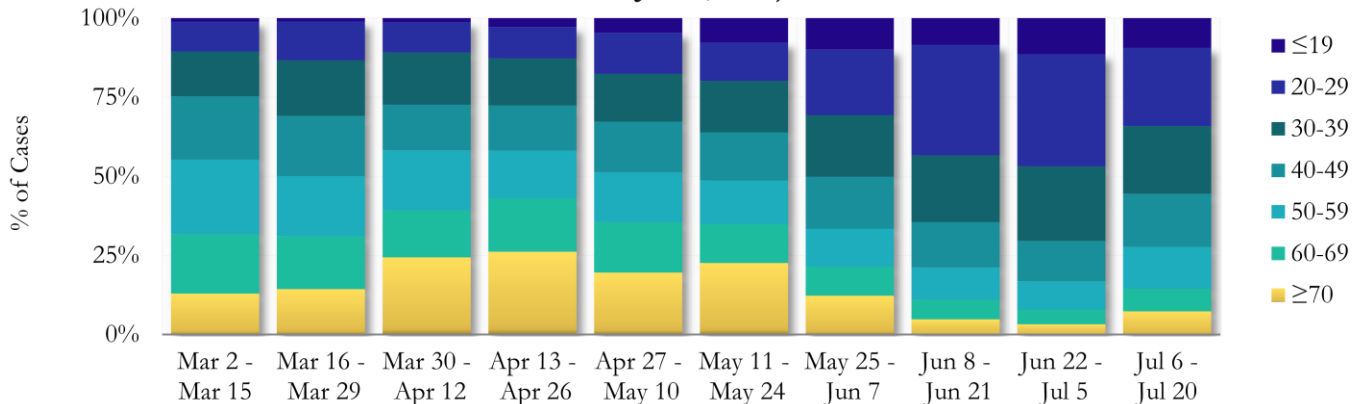


Fig. 14. Trends in Age Distribution of COVID -19 Diagnoses in Fulton County by 14-day periods (Mar 02 - Jul 20 2020)



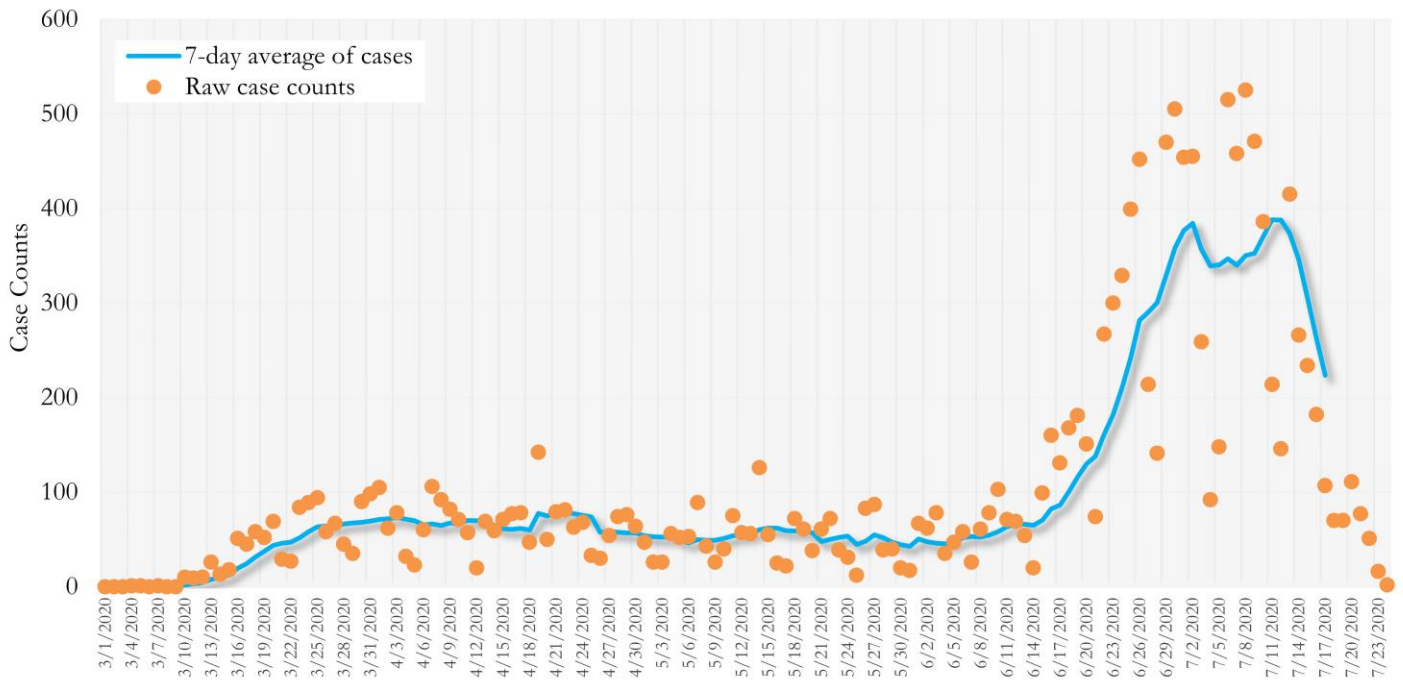
Earlier (March-May 2020) large proportions of reported cases were among persons aged 60 and older. However, starting in June, a much higher number of cases were among persons aged between 20-29 years.

Fig. 15. Age Distribution of COVID -19 Cases in Fulton County by 14-day periods (Mar 02- Jul 20, 2020)



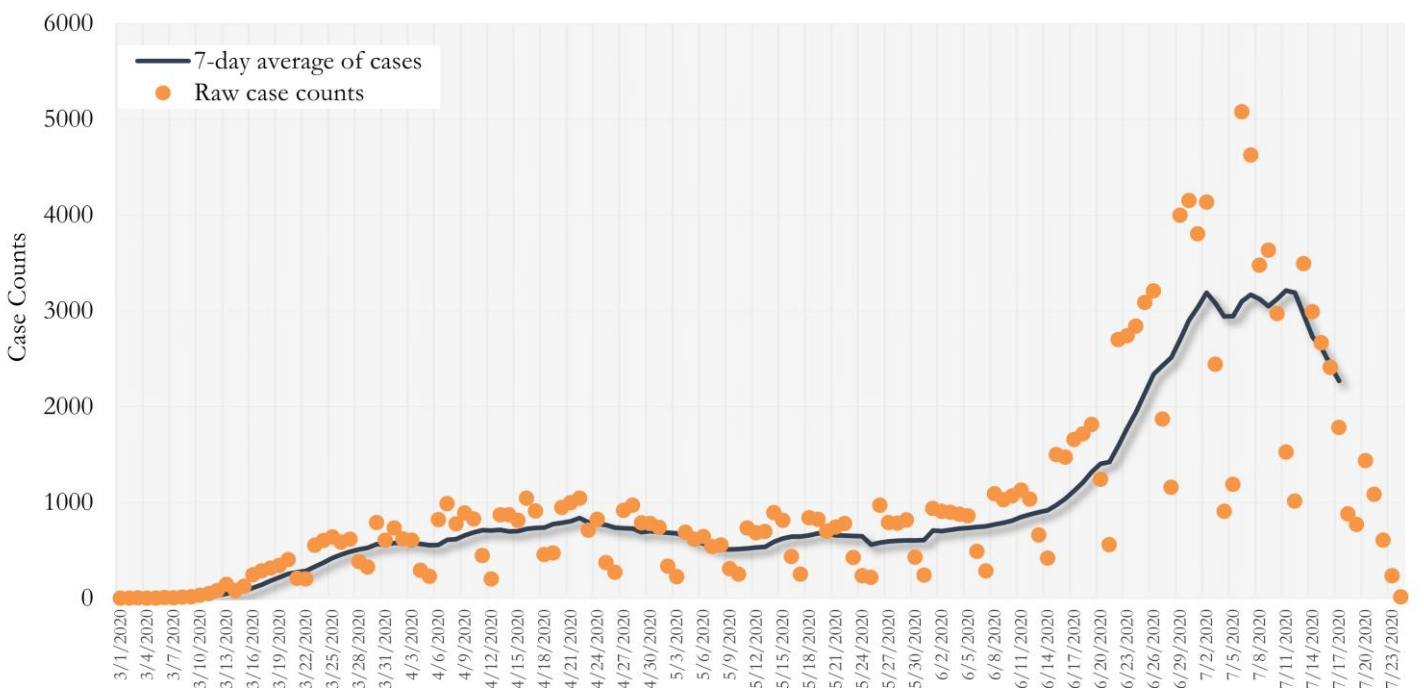
TRENDS IN COVID-19 CASES, HOSPITALIZATIONS AND DEATHS (7-DAY MOVING AVE.)

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



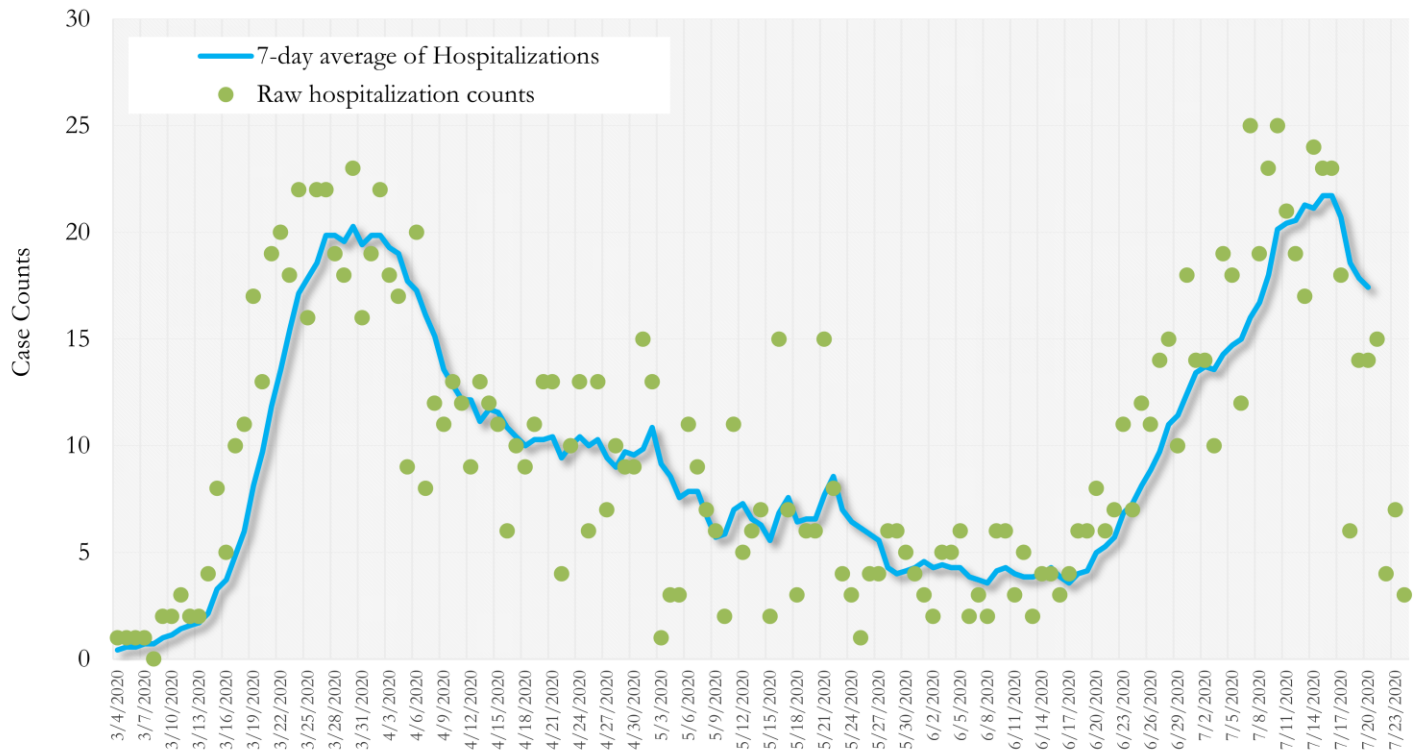
*Date of collection of first positive sample used (report creation date used where sample collection date is missing). Graph reflects trend in the cases based primarily on the date each test were performed.

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



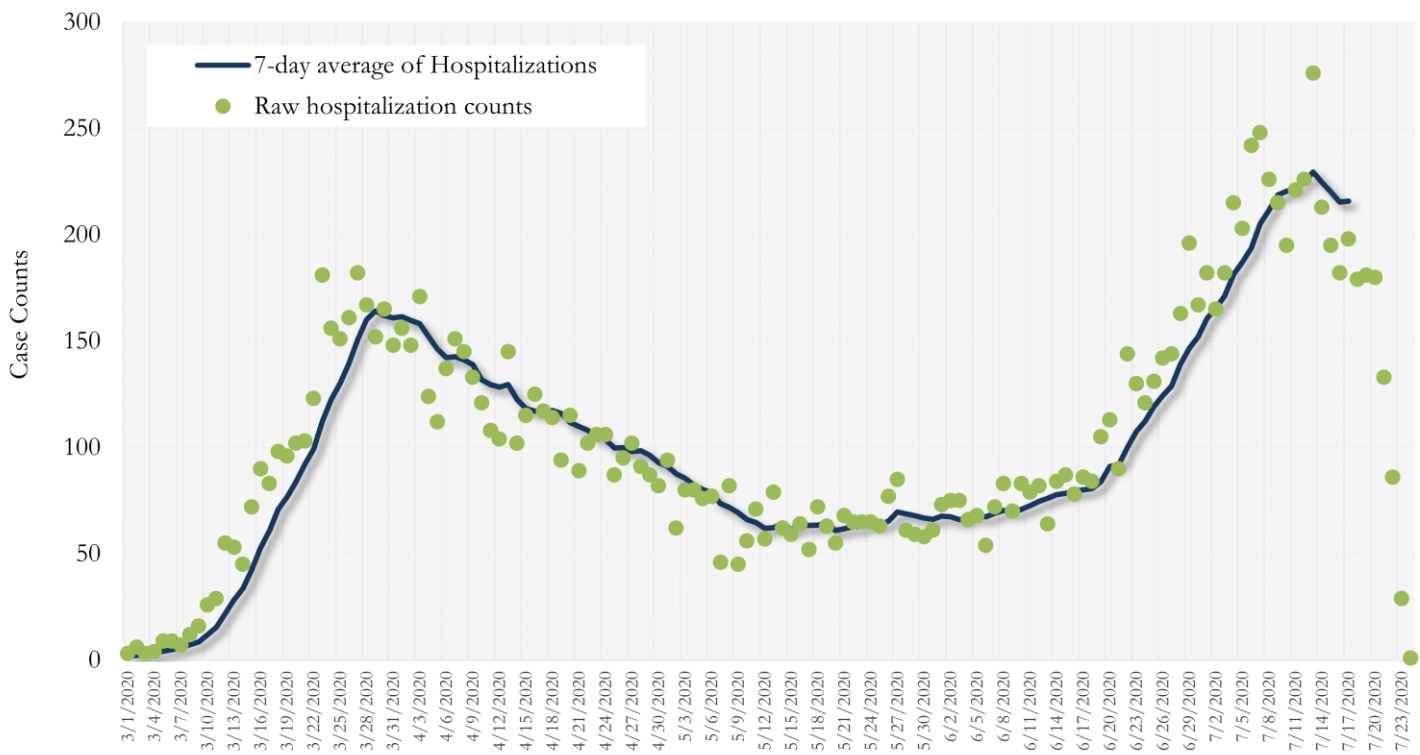
*Date of collection of first positive sample used (report creation date used where sample collection date is missing). Graph reflects trend in the cases based primarily on the date each tests were performed.

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



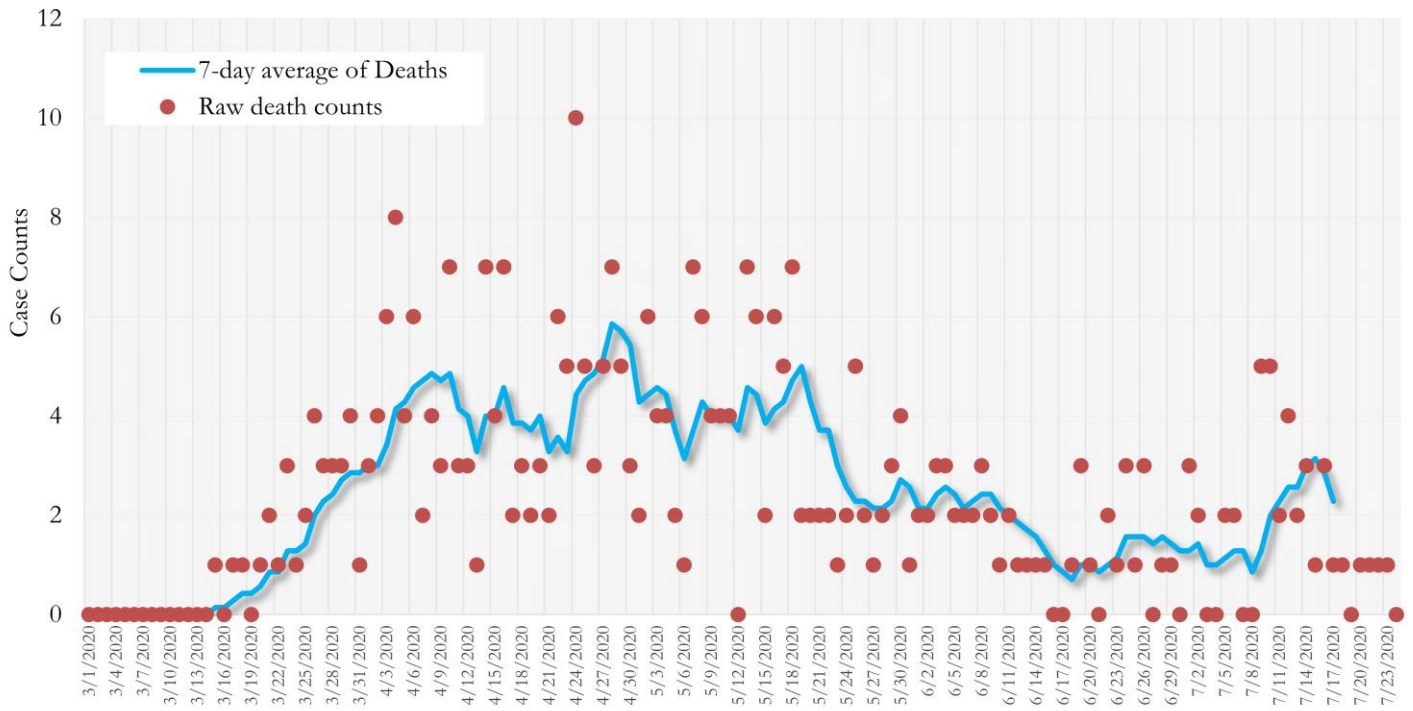
*Reported date of hospital admission used. Graph reflects the trend in hospitalization based on the date of hospital admission.

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



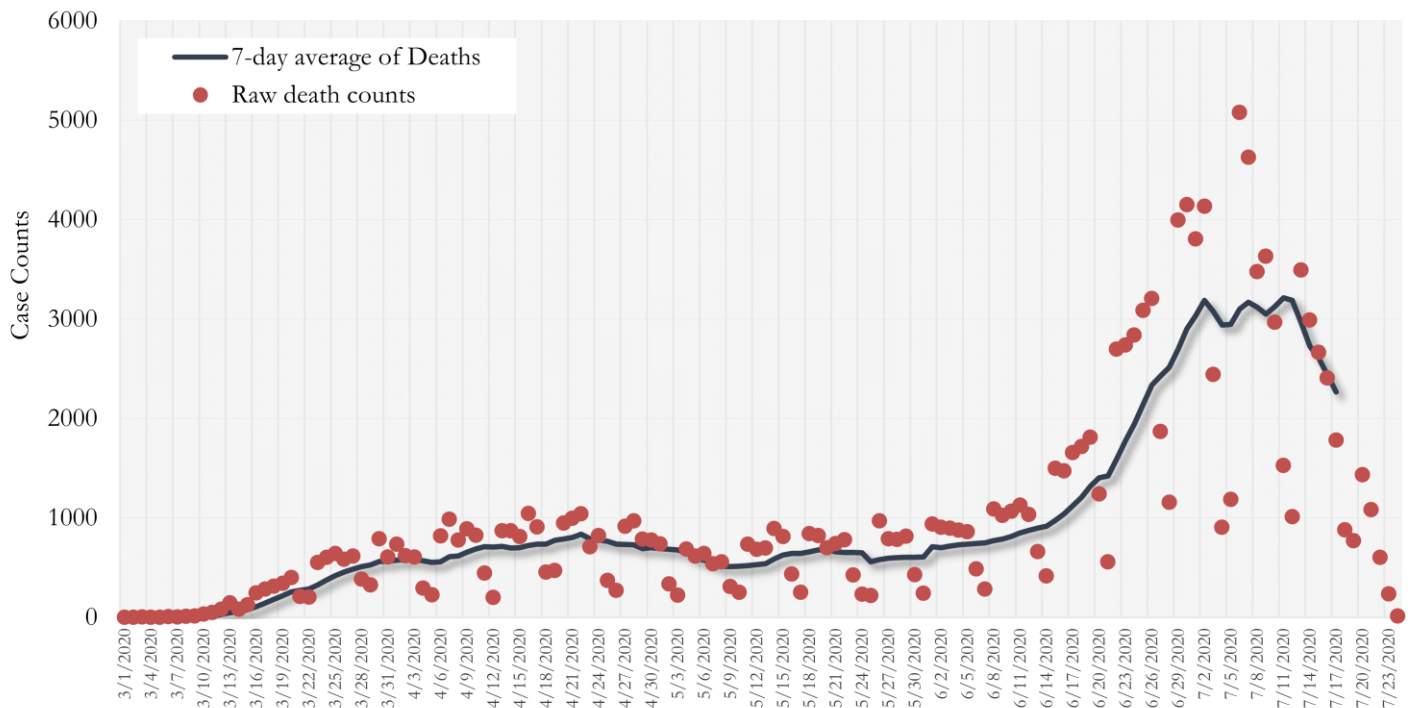
*Reported date of hospital admission used. Graph reflects the trend in hospitalization based on the date of hospital admission.

Fig. 20. COVID-19 Deaths in Fulton County Daily (Averaged over 7 days)



*Reported date of death used. Graph reflects trend in deaths based on the reported date of death.

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

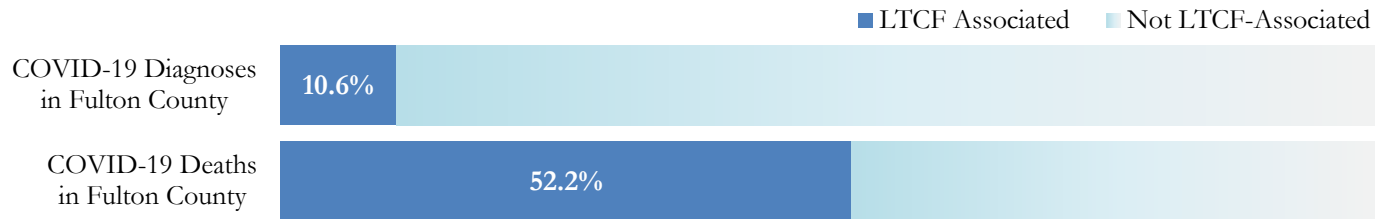


*Reported date of death used. Graph reflects trend in deaths based on the reported date of death.

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>

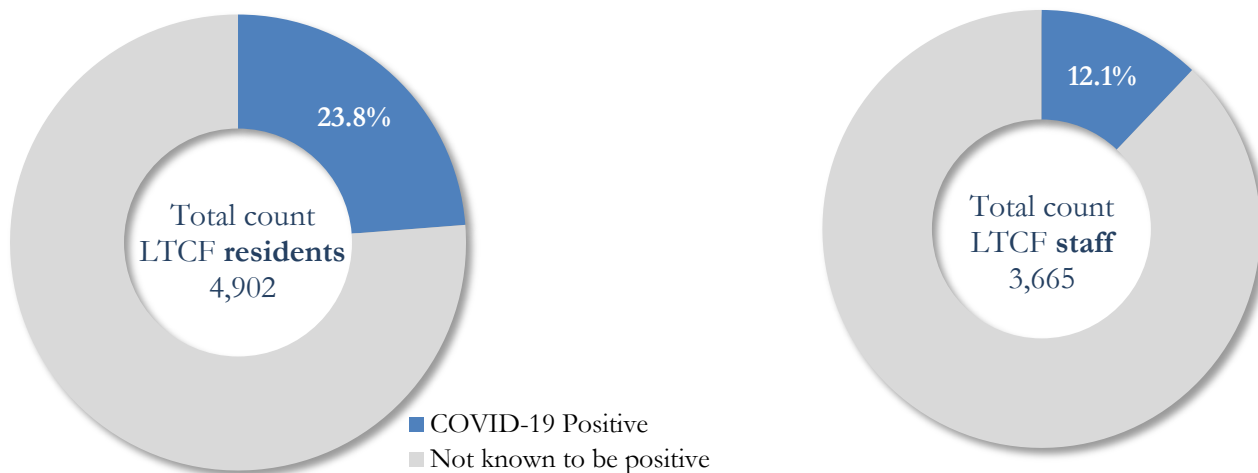
Fig. 22. COVID-19 Diagnoses and Deaths in Fulton County Associated with Long-Term Care Facilities



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

COVID-19 POSITIVITY:

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



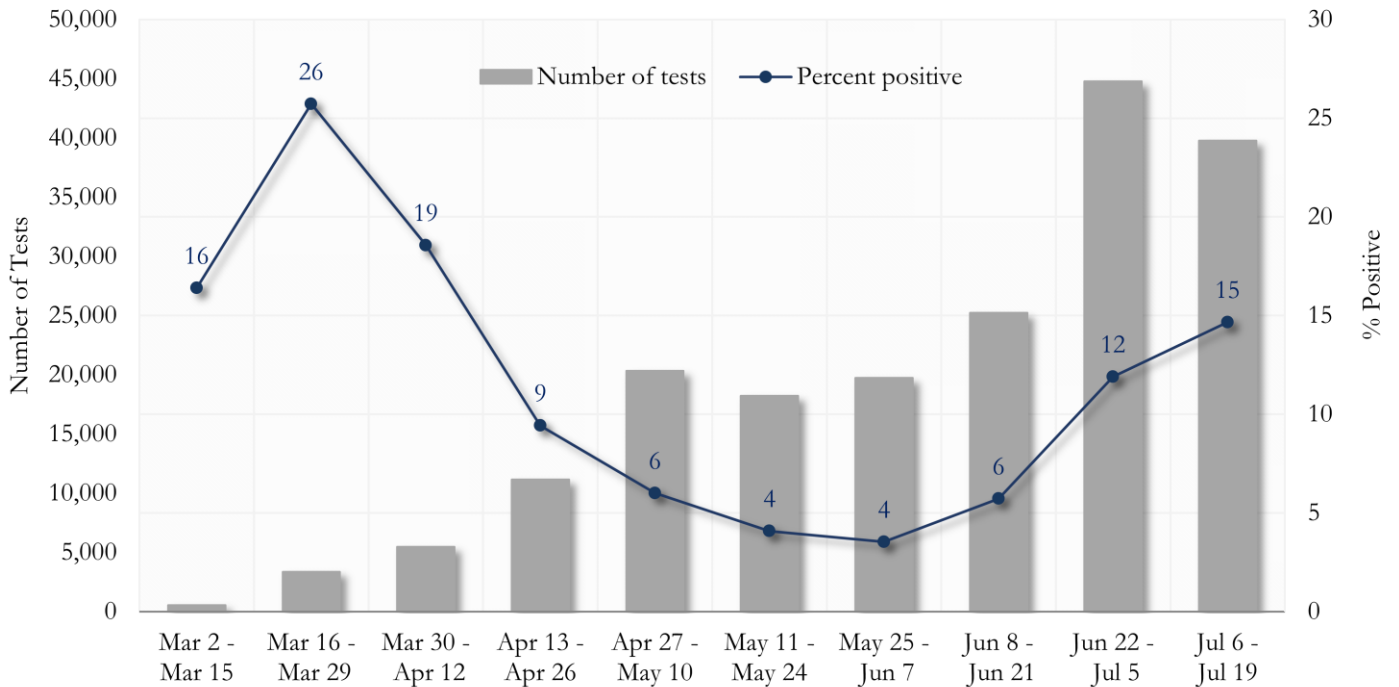
COVID-19 Cases, Hospitalizations, and Deaths among 59 reporting Long-Term Care Facilities in Fulton County

	LTCF Residents (n=4,902)			LTCF Staff (n=3,665)		
	Cases	Hospitalizations	Deaths	Cases	Hospitalizations	Deaths
Average (count per fac.) ¹	20	5	3	8	1	<0.1
Median (count per fac.) ¹	4	2	0	4	0	0
Lowest counts	0	0	0	0	0	0
Highest counts	136	48	29	46	8	1
Total Count	1165 (23.8%)^a	273 (23.4%)^b	189 (16.2%)^b	443 (12.1%)^a	29 (7.0%)^b	2 (<0.1%)^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.

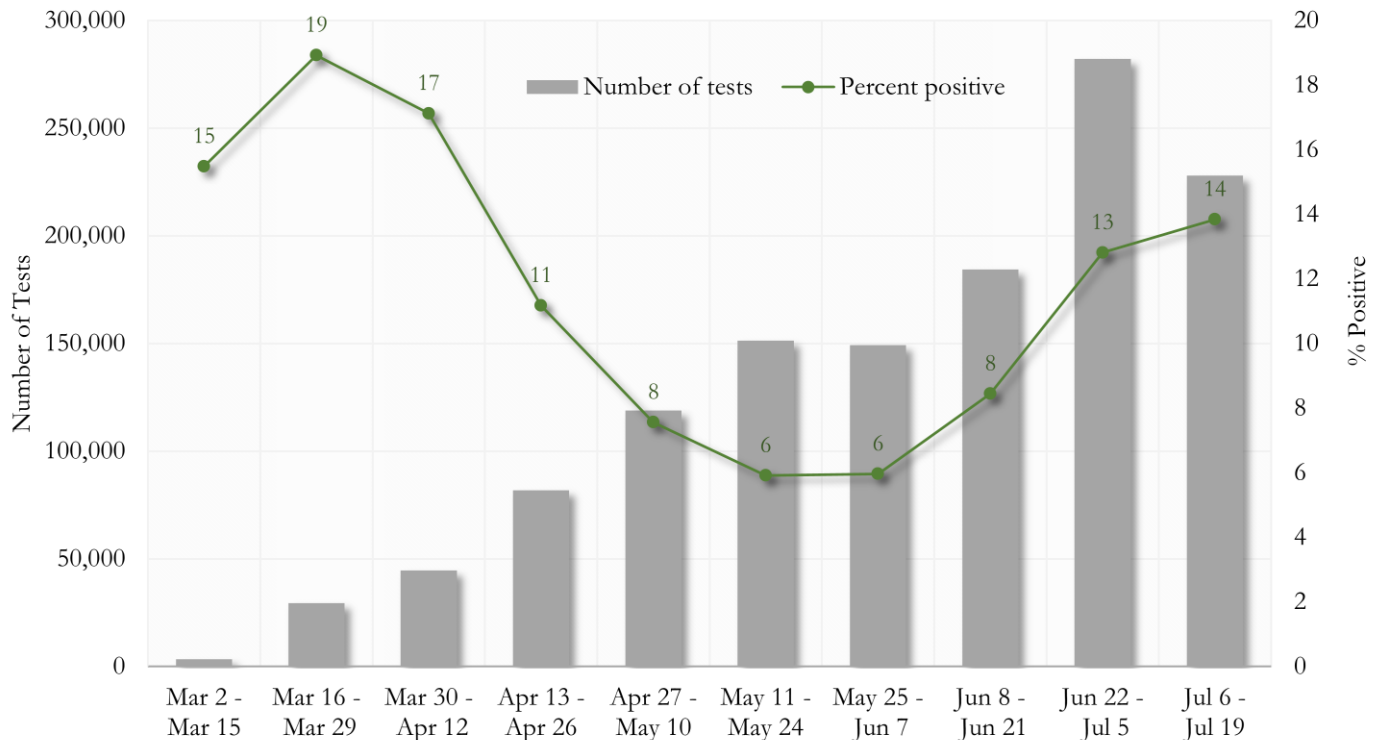
COVID-19 TESTING AND POSITIVITY IN FULTON COUNTY

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



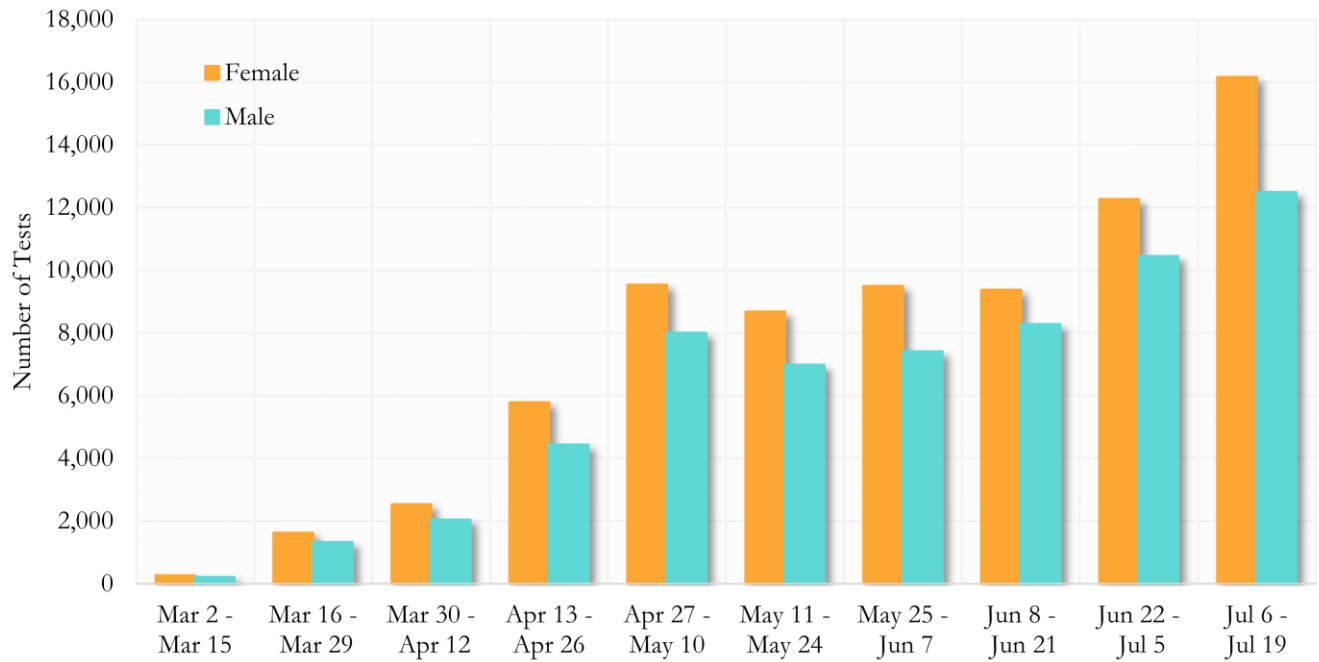
*Data on Polymerase Chain Reaction (PCR) tests only included.

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



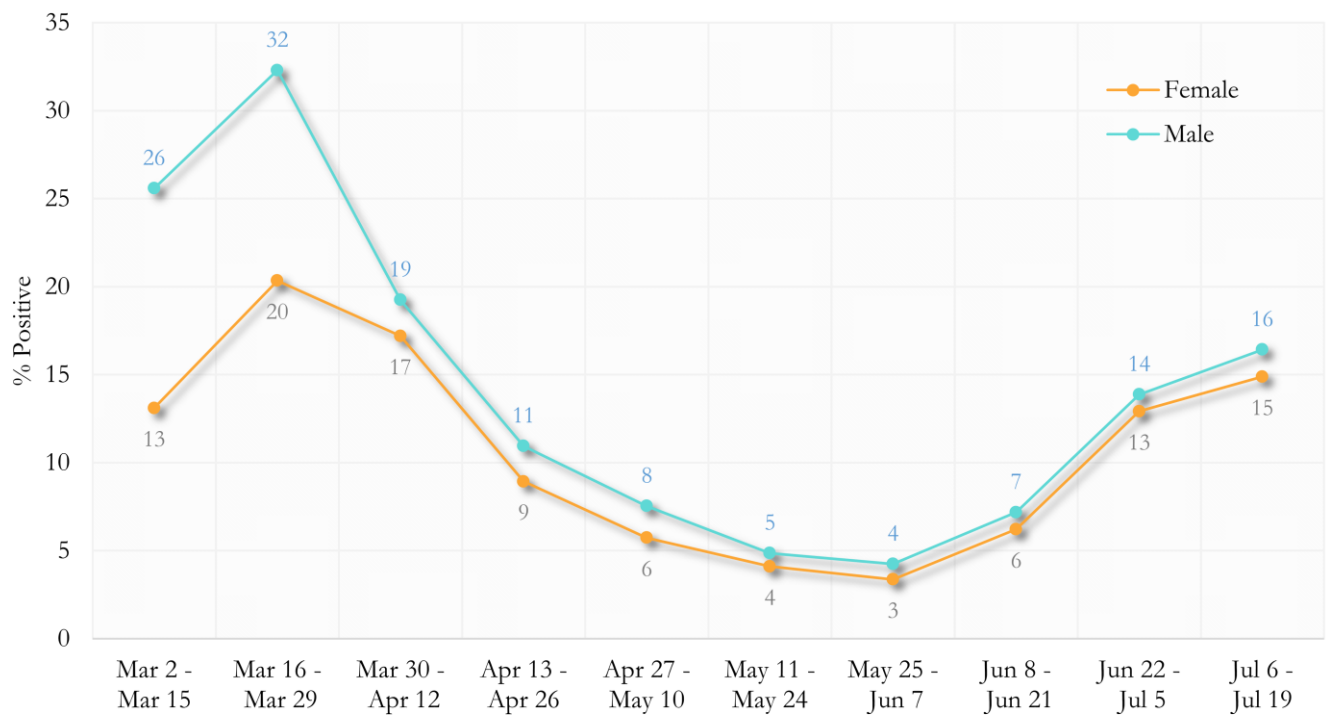
*Data on Polymerase Chain Reaction (PCR) tests only included.

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



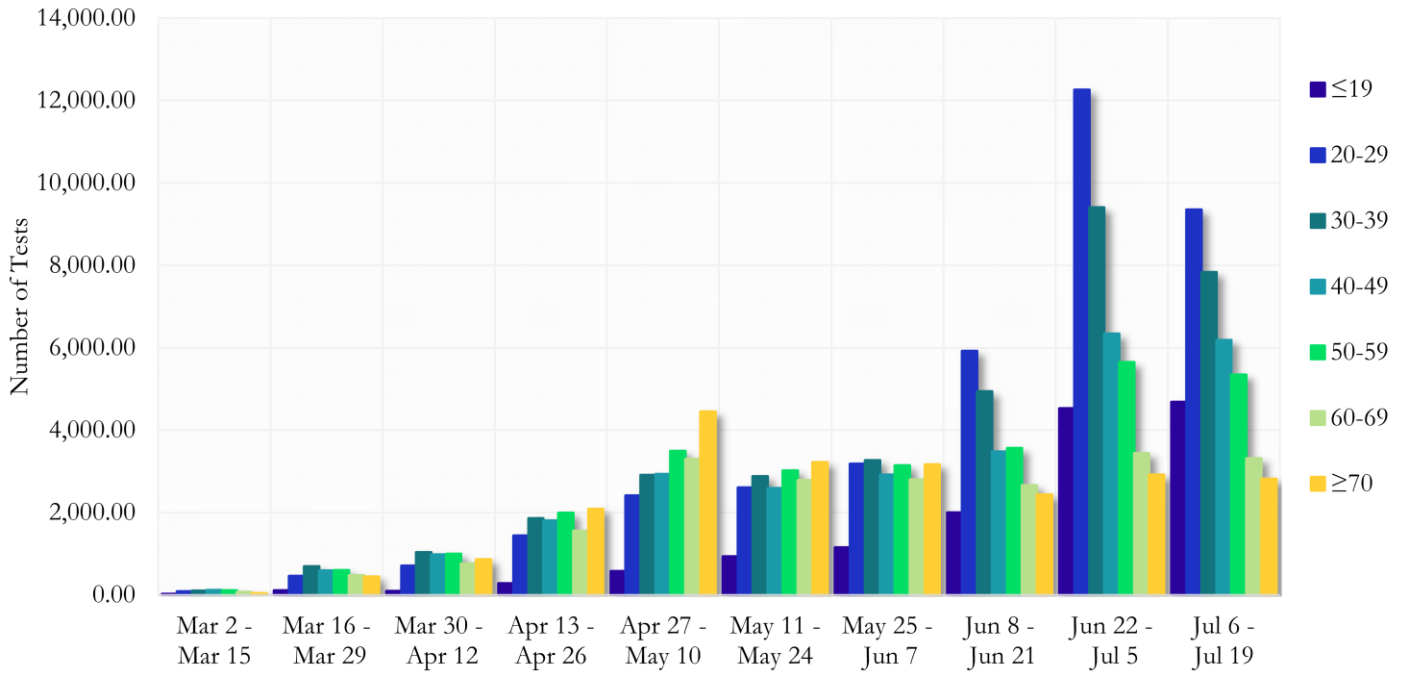
*Data on Polymerase Chain Reaction (PCR) tests only included.

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



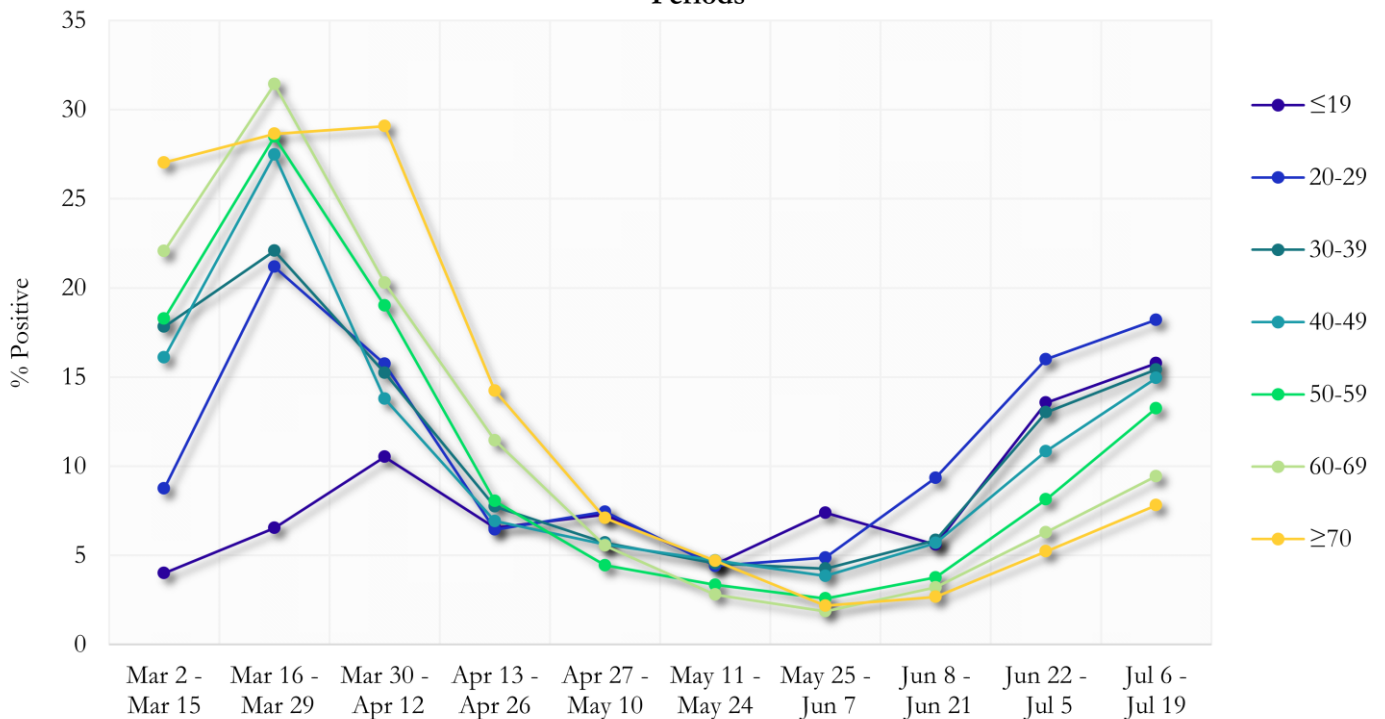
*Data on Polymerase Chain Reaction (PCR) tests only included.

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

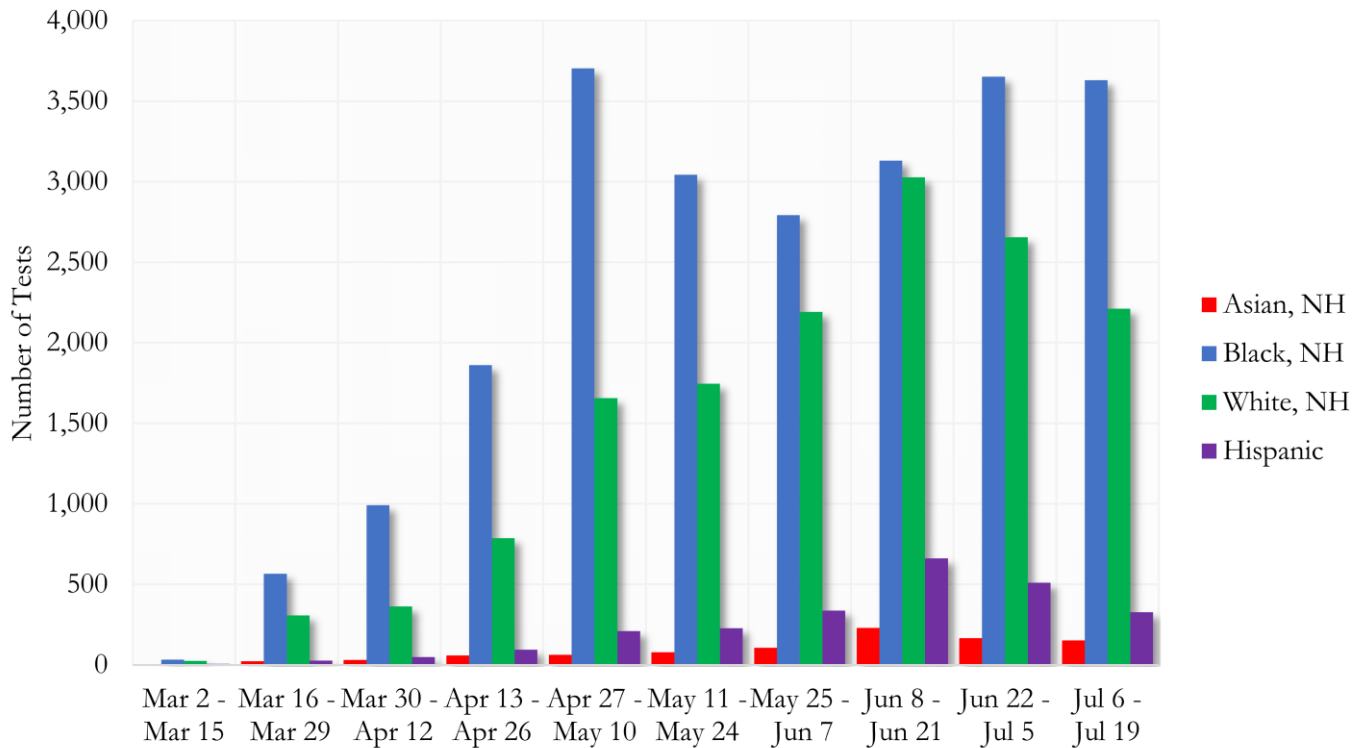


Fig. 31. Percent Positive COVID-19 Tests by Race and Ethnicity in Fulton County by 14-day Periods

