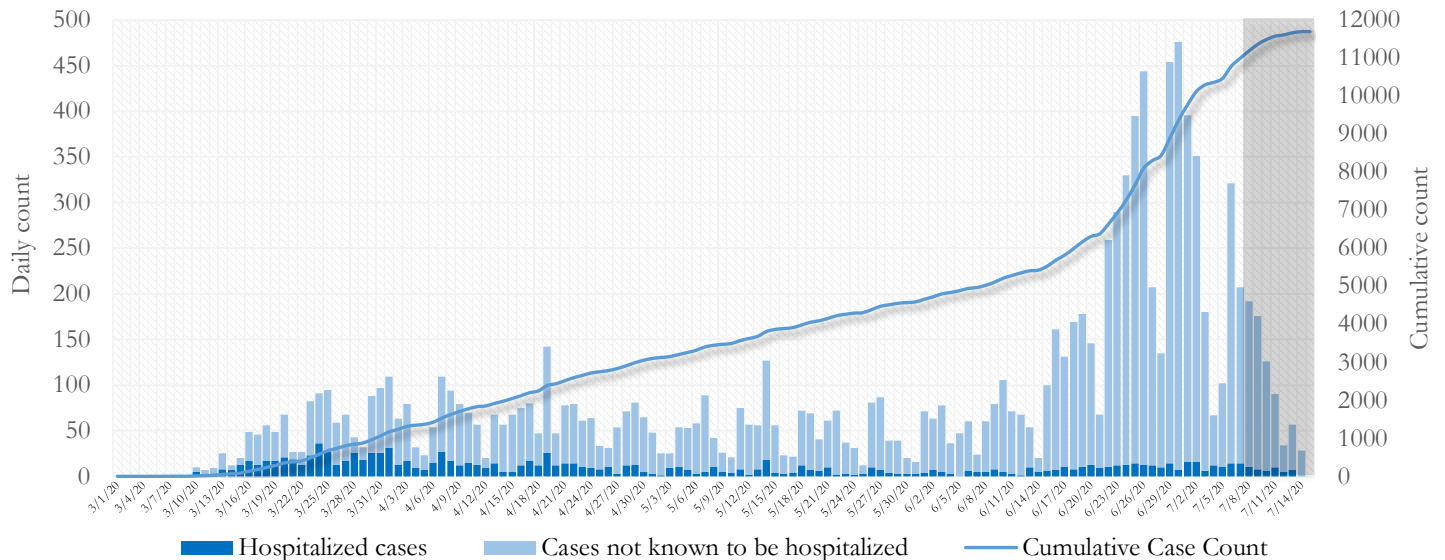


SUMMARY

- As of July 15, 2020, Fulton County has recorded **11,695** cases of the 2019 novel coronavirus (COVID-19) and **331** deaths.
- Of 3,953 **new diagnoses** made between June 25 and July 08, the central portion of the county (Atlanta metro) accounted for 50% while the northern and southern parts accounted for 20% and 19% respectively.
- By city, **new** COVID-19 diagnoses rates range from 131.5 per 100,000 persons (Johns Creek) to 486.7 per 100,000 persons (Atlanta). [Fulton County Diagnoses Rates (per 100,000 persons): Cumulative – 1,099.2; Incident – 400.1]. See map showing incident case rate by ZIP code on Pg.4.
- Among all persons diagnosed with COVID-19 in Fulton County, 11.2% required hospitalization and 2.8% died.
- Residents and staff of long-term care facilities account for 12% of COVID-19 diagnoses and 56% 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 7/13/20 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.

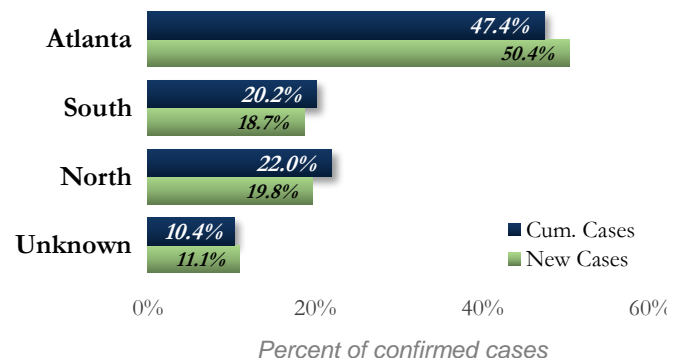
DISTRIBUTION OF COVID-19 DIAGNOSES BY REGION

New cases: 50% of the new COVID-19 cases diagnosed in the past 2 weeks occurred in Atlanta while 20% and 19% occurred in the Northern and Southern regions of the county respectively.

Fulton Region	% Cumulative count	% New cases*
Atlanta	47.4%	50.4%
North ¹	22.0%	19.8%
South ²	20.2%	18.7%
Unincorporated/Unknown	10.4%	11.1%

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 6/25/20 – 7/08/20).

Fig. 2. Distribution of COVID 19 cases by Region

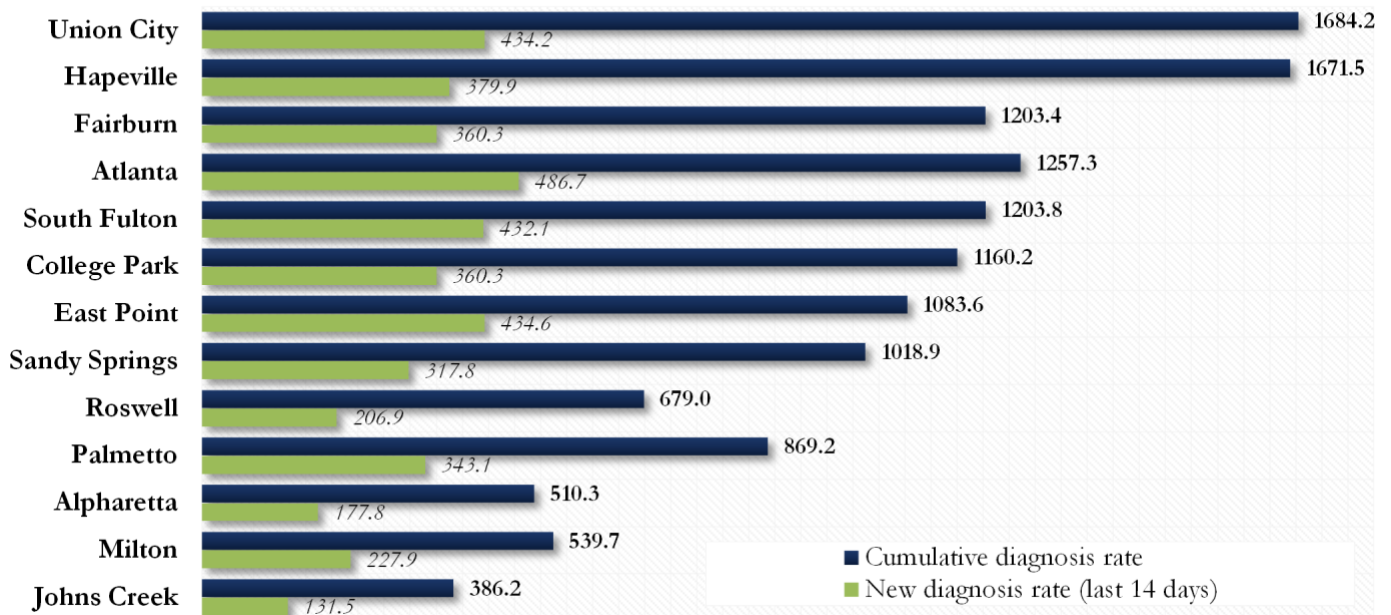


COVID-19 CASE COUNTS AND RATES BY CITY

	Prior (7/13/20)	Current Total (7/15/20)			New Cases (Period: 6/10/20 – 7/08/20) ¹			
	Count	Count	%	Cum. Rate ²	Ist 14 d. (6/10–6/24)	Last 14 d. (6/25–7/08)	% change ³	Rate ⁴ (Last 14 d.)
Atlanta	5101	5547	47.4%	1257.3	845	2147	↑ 154.1%	486.7
South Fulton	1047	1145	9.8%	1203.8	152	411	↑ 170.4%	432.1
Sandy Springs	989	1074	9.2%	1018.9	206	335	↑ 62.6%	317.8
Roswell	594	640	5.5%	679.0	122	195	↑ 59.8%	206.9
East Point	355	379	3.2%	1083.6	51	152	↑ 198.0%	434.6
Johns Creek	306	323	2.8%	386.2	72	110	↑ 52.8%	131.5
Union City	328	353	3.0%	1684.2	48	91	↑ 89.6%	434.2
Alpharetta	308	330	2.8%	510.3	77	115	↑ 49.4%	177.8
Milton	185	206	1.8%	539.7	37	87	↑ 135.1%	227.9
Fairburn	163	177	1.5%	1203.4	17	53	↑ 211.8%	360.3
College Park	153	161	1.4%	1160.2	11	50	↑ 354.5%	360.3
Palmetto	34	38	0.3%	869.2	<10	15	↑ 275.0%	343.1
Hapeville	104	110	0.9%	1671.5	27	25	↓ 7.4%	379.9
Mountain Park	0	0	0.0%	-	0	0	-	0.0
Unknown	1069	1212	10.4%	-	147	468	-	-

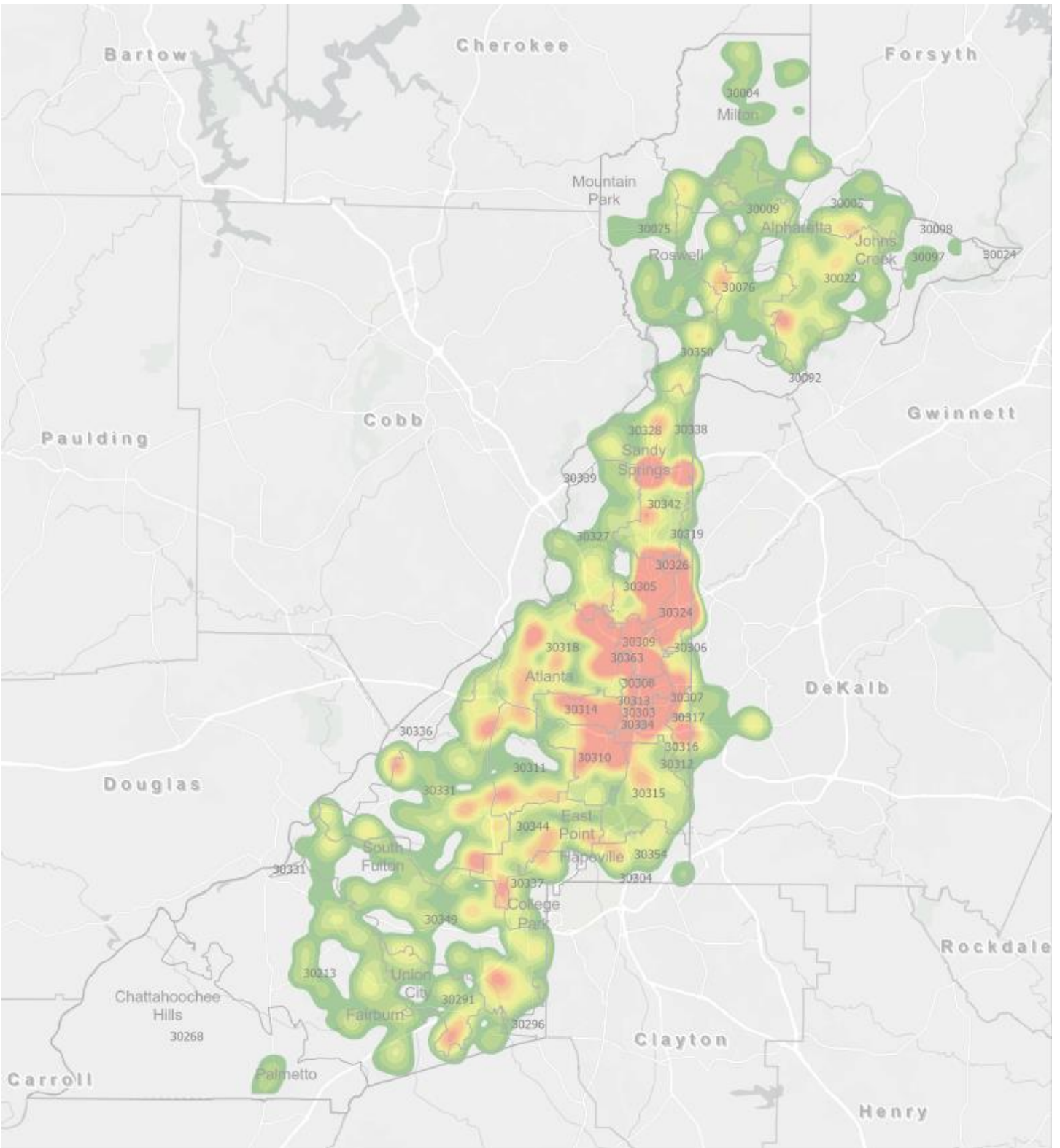
¹**New cases:** Cases diagnosed in most recent 28 days (based on reported dates of positive sample collection). To allow for lag in reporting results of new diagnoses from samples collected in the most recent week, data used for incident diagnoses analyses were moved back by one week. ²**Cumulative diagnosis rate:** Population estimates from US Census Bureau used to calculate cumulative diagnoses rate. All rates shown are per 100,000 persons. ³**Percent 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 recent past 14 days. **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.**

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



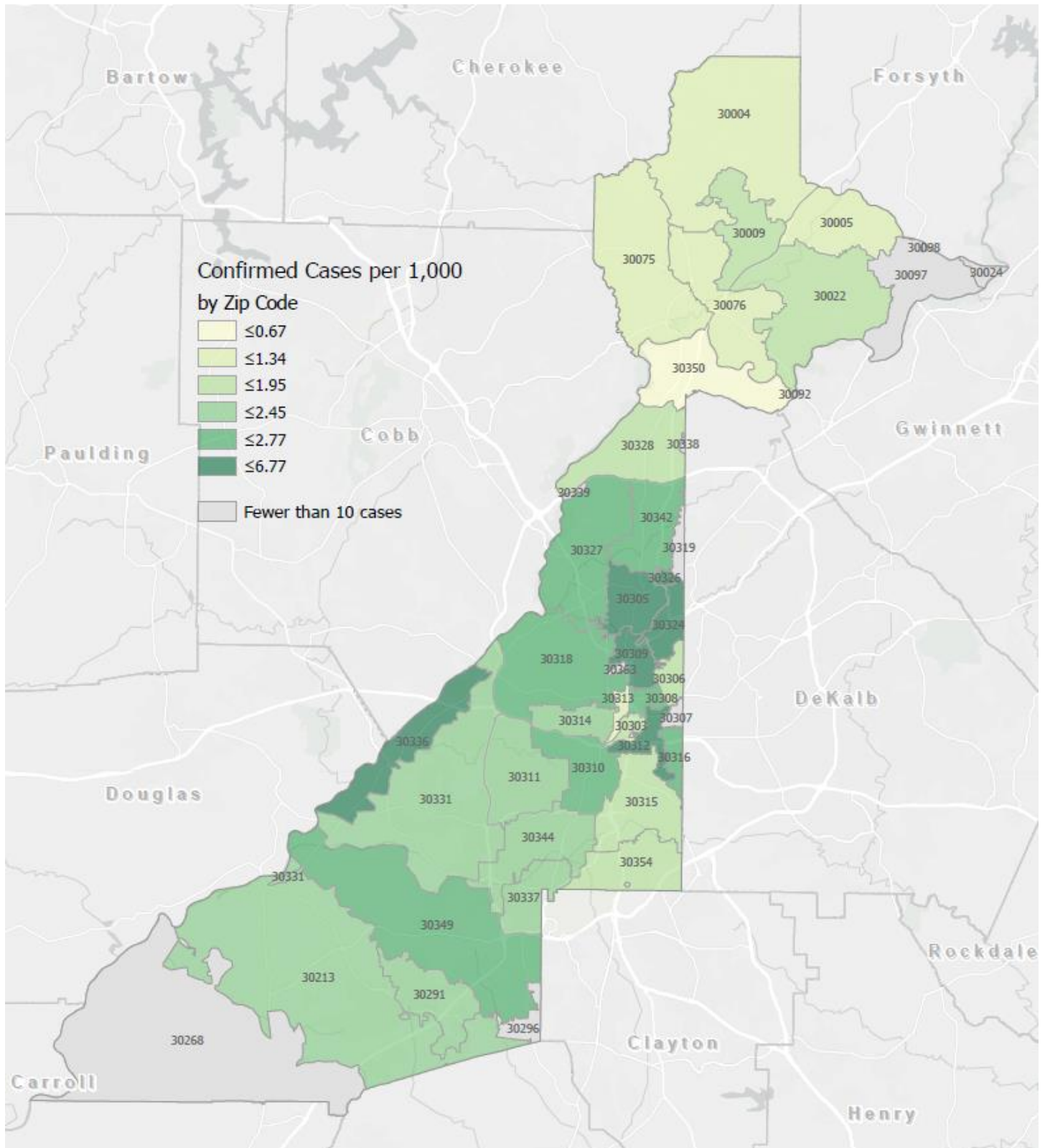
*Rates shown are per 100,000 persons | **Note:** Mass testing in specific locations (e.g. long term care facilities) may cause sharp increases in the cumulative rate of COVID-19 diagnosis in those territories. All data shown are preliminary and are subject to change as testing results get updated.

Fig. 4. Density Map – New COVID 19 Diagnoses (Jun 25 – Jul 08, 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 June 25th and Jul 08nd, 2020 across Fulton County.

Fig. 5. New COVID-19 Diagnoses Rates by ZIP Code (Jun 25 – Jul 08, 2020)



*Rates shown are per 1,000 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 Jun 25th and Jul 08nd 2020.

COVID-19 CASE COUNTS BY ZIP CODE

	Prior (7/13/20)	Current Total (7/15/20)		New Cases (Period: 6/10/20 – 7/08/20) ¹		
	Count	Count	%	1st 14 days (Jun 10 – Jun 24)	Last 14 d. (Jun 25 – Jul 08)	% change ²
All Fulton	10736	11695	100.0%	1821	4257	↑ 133.8%
30331	717	791	6.8%	96	265	↑ 176.0%
30318	709	764	6.5%	115	288	↑ 150.4%
30349	633	703	6.0%	76	295	↑ 288.2%
30213	402	446	3.8%	62	138	↑ 122.6%
30315	310	349	3.0%	43	134	↑ 211.6%
30344	322	342	2.9%	49	127	↑ 159.2%
30311	313	355	3.0%	61	129	↑ 111.5%
30342	493	535	4.6%	90	172	↑ 91.1%
30314	304	322	2.8%	27	80	↑ 196.3%
30310	345	375	3.2%	44	138	↑ 213.6%
30308	201	225	1.9%	39	98	↑ 151.3%
30022	318	341	2.9%	67	136	↑ 103.0%
30327	237	244	2.1%	37	101	↑ 173.0%
30004	263	295	2.5%	52	124	↑ 138.5%
30309	365	391	3.3%	67	180	↑ 168.7%
30076	250	267	2.3%	67	86	↑ 28.4%
30291	353	374	3.2%	56	90	↑ 60.7%
30350	231	246	2.1%	60	54	↓ 10.0%
30075	314	336	2.9%	59	97	↑ 64.4%
30328	284	317	2.7%	69	121	↑ 75.4%
30316	144	164	1.4%	15	86	↑ 473.3%
30312	404	439	3.8%	48	147	↑ 206.3%
30005	154	167	1.4%	46	63	↑ 37.0%
30305	349	369	3.2%	74	132	↑ 78.4%
30306	121	136	1.2%	14	67	↑ 378.6%
30324	418	458	3.9%	89	207	↑ 132.6%
30337	143	151	1.3%	13	44	↑ 238.5%
30009	120	133	1.1%	22	42	↑ 90.9%
30313	74	81	0.7%	13	28	↑ 115.4%
30326	91	104	0.9%	24	43	↑ 79.2%
30097	71	74	0.6%	17	14	↓ 17.6%
30354	182	198	1.7%	39	68	↑ 74.4%
30303	83	90	0.8%	18	28	↑ 55.6%
30339	108	125	1.1%	<10	91	↑ 1200.0%
30268	45	51	0.4%	<10	18	↑ 200.0%
30307	54	62	0.5%	10	29	↑ 190.0%
30319	70	71	0.6%	20	17	↓ 15.0%
30336	46	47	0.4%	12	15	↑ 25.0%
30296	17	17	0.1%	<10	<10	-
30363	27	30	0.3%	<10	19	↑ 533.3%
30301	<10	<10	<0.1%	0	<10	-
30345	24	25	0.2%	<10	11	↑ 450.0%
31131	<10	<10	<0.1%	0	<10	-
30023	<10	<10	<0.1%	<10	<10	-
30080	<10	<10	<0.1%	0	0	-
30135	<10	<10	<0.1%	0	0	-
30138	<10	<10	<0.1%	0	0	-
30139	-	-	-	0	0	-
30321	<10	<10	<0.1%	<10	<10	-

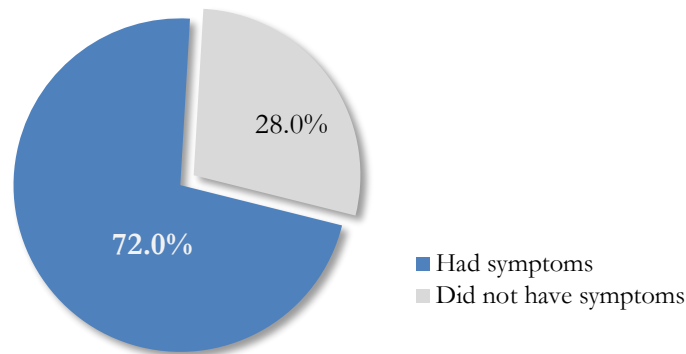
30340	22	24	0.2%	11	<10	↓ 81.8%
30341	23	23	0.2%	<10	<10	-
30358	<10	<10	<0.1%	0	0	-
30374	26	27	0.2%	0	<10	-
30606	<10	<10	<0.1%	0	0	-
31150	<10	<10	<0.1%	0	0	-
30024	<10	<10	<0.1%	<10	0	↓ 100.0%
30098	-	-	-	0	0	-
30334	<10	<10	<0.1%	0	<10	-
30338	46	58	0.5%	<10	47	↑ 1466.7%
Unknown	472	510	4.4%	64	165	-

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>

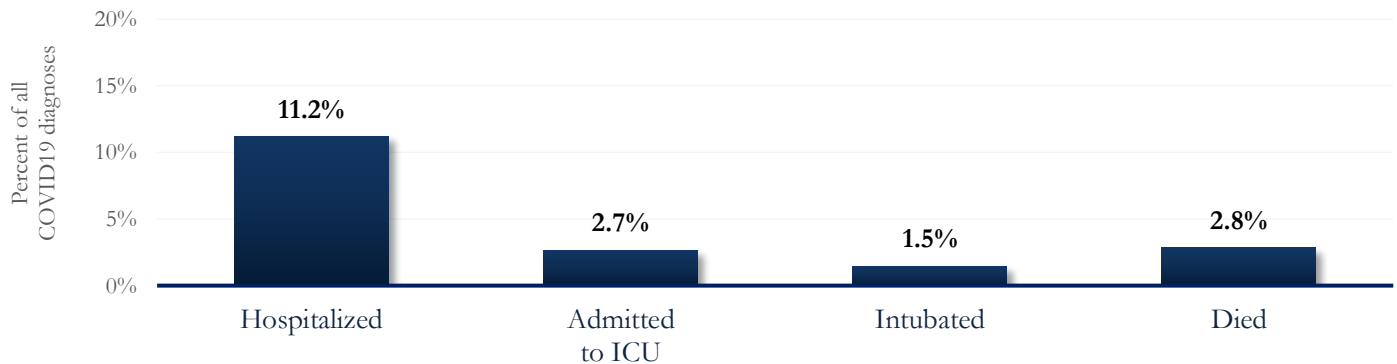
Fig. 6. Proportion Reporting Symptoms in Fulton County



COVID-19 cases who have been case interviewed or had medical charts reviewed as at 7/13/20 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 IN FULTON

		COVID-19 Diagnoses (n=11,695)	COVID-19 Deaths (n=331)
		Count (%)	Count (%)
Gender:	Female	5694 (48.7%)	154 (46.5%)
	Male	5292 (45.3%)	177 (53.5%)
	Unknown/Missing	709 (6.1%)	
Age:	0-9	217 (1.9%)	0
	10-19	677 (5.8%)	<10
	20-29	2815 (24.1%)	<10
	30-39	2352 (20.1%)	<10
	40-49	1703 (14.6%)	11 (3.3%)
	50-59	1497 (12.8%)	22 (6.6%)
	60-69	1092 (9.3%)	60 (18.1%)
	≥70	1311 (11.2%)	229 (69.2%)
	Unknown/Missing	31 (0.3%)	0
Race:	Asian, NH	165 (1.4%)	<10
	Black, NH	4393 (37.6%)	241 (72.8%)
	White, NH	1875 (16.0%)	71 (21.5%)
	Hispanic	1030 (8.8%)	12 (3.6%)
	Other, NH	365 (3.1%)	<10
	Unknown/Missing	3867 (33.1%)	<10

Note: All data reported are preliminary and subject to change.

COVID-19 CASE TRENDS

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

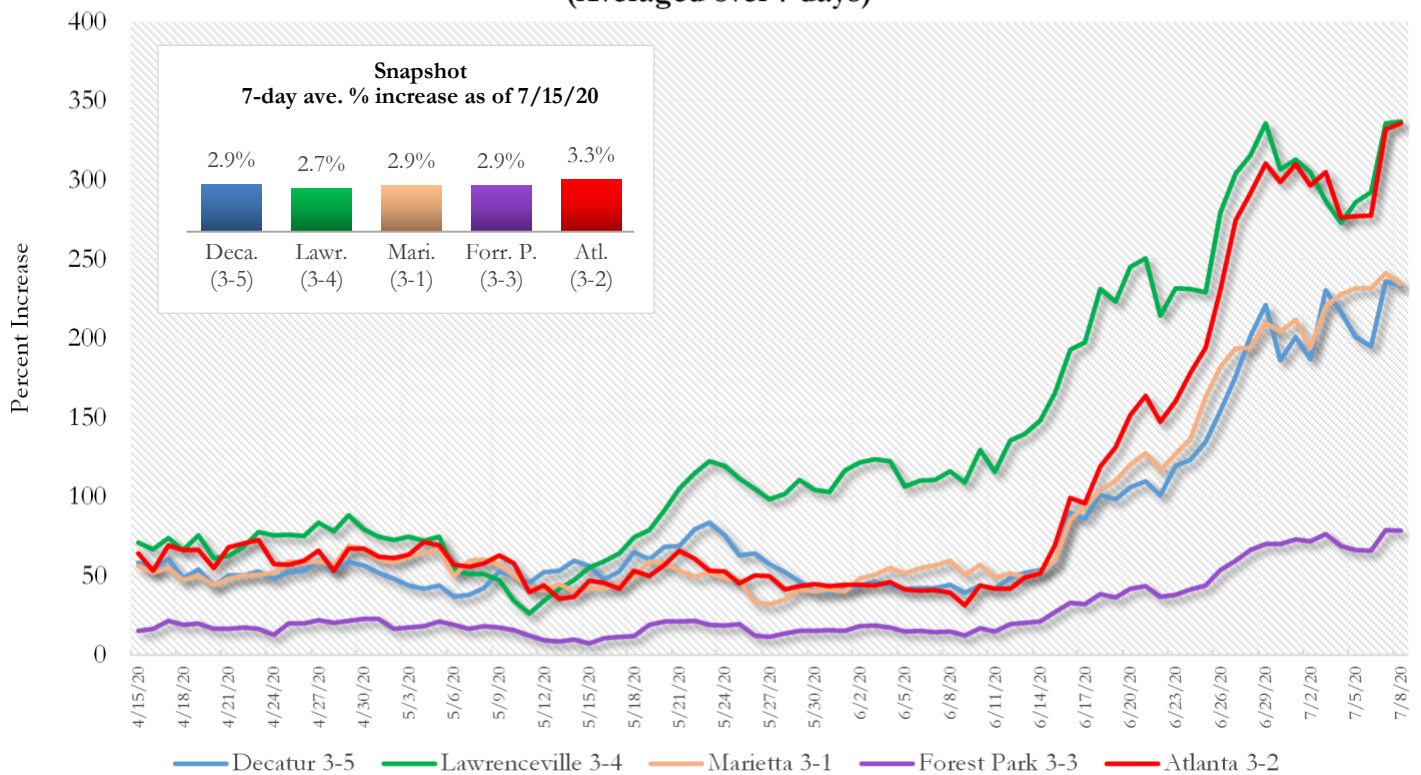
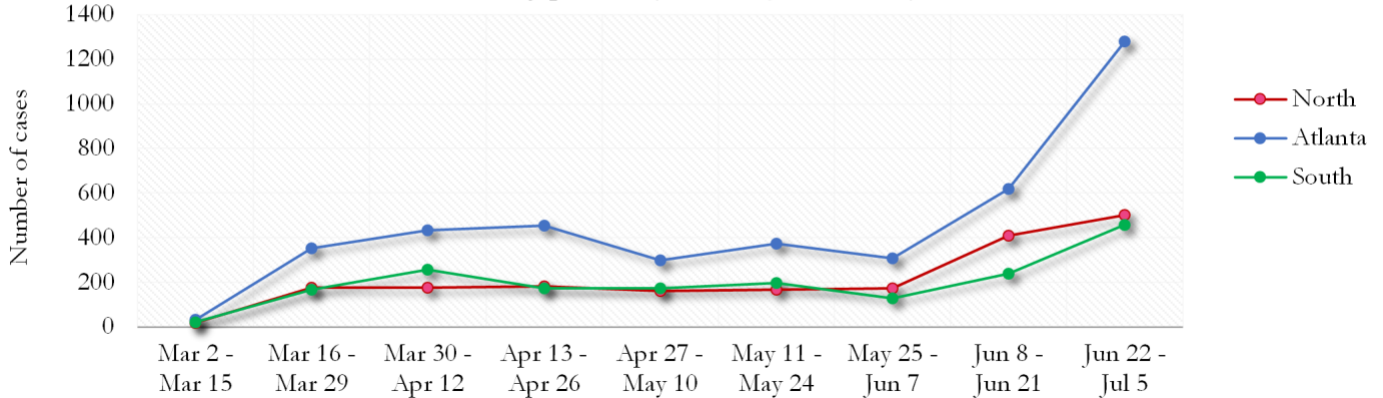


Fig. 9. Trends in Geographic distribution of COVID -19 Diagnoses in Fulton County by 14-day periods (Mar 02 - Jul 05, 2020)



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

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

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

Fig. 10. Trends in Gender Distribution of COVID -19 Diagnoses in Fulton County by 14-day periods (Mar 02- Jul 05, 2020)

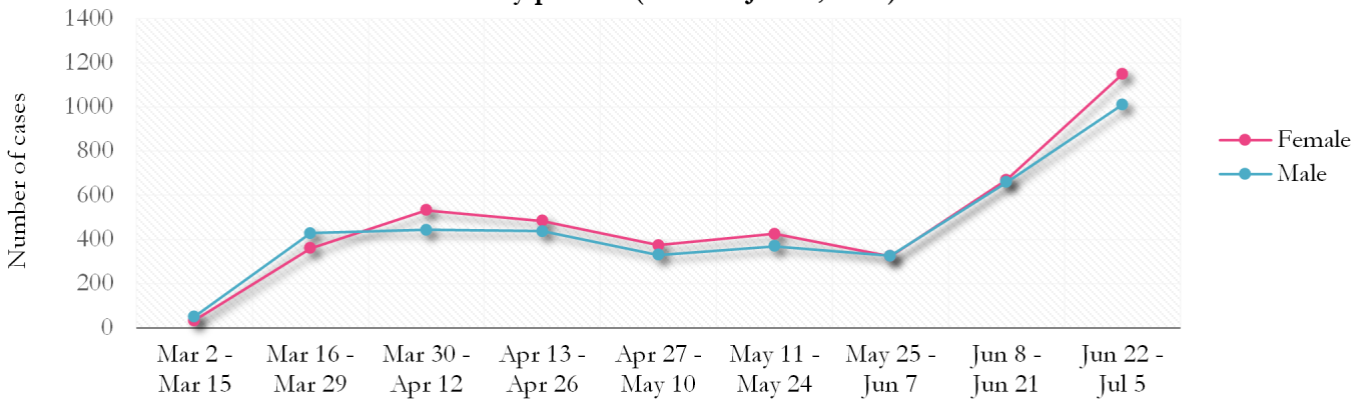
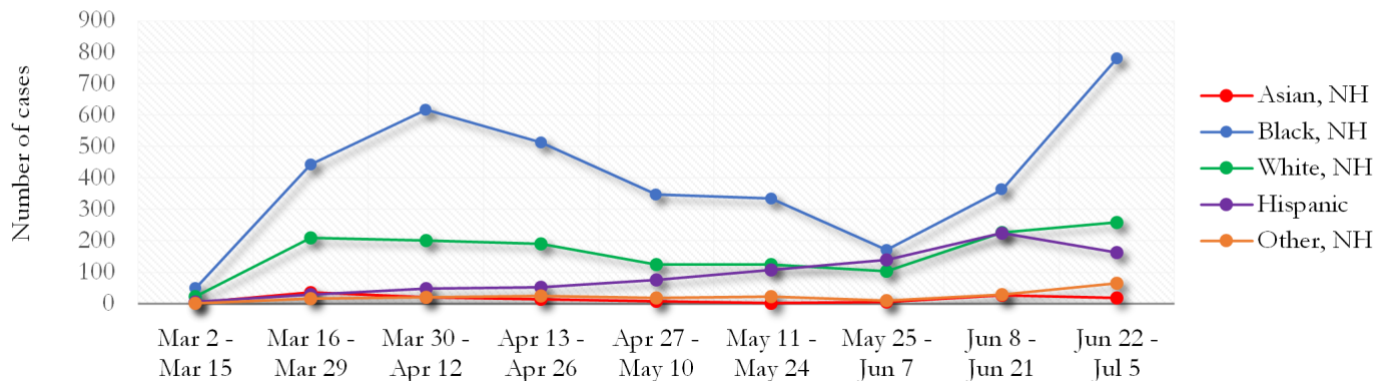


Fig. 11. Trends in Racial Distribution of COVID -19 Diagnoses in Fulton County by 14-day periods (Mar 02 - Jul 05, 2020)



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. 12. Racial Distribution of COVID -19 Cases in Fulton County by 14-day periods (Mar 02- Jul 05, 2020)

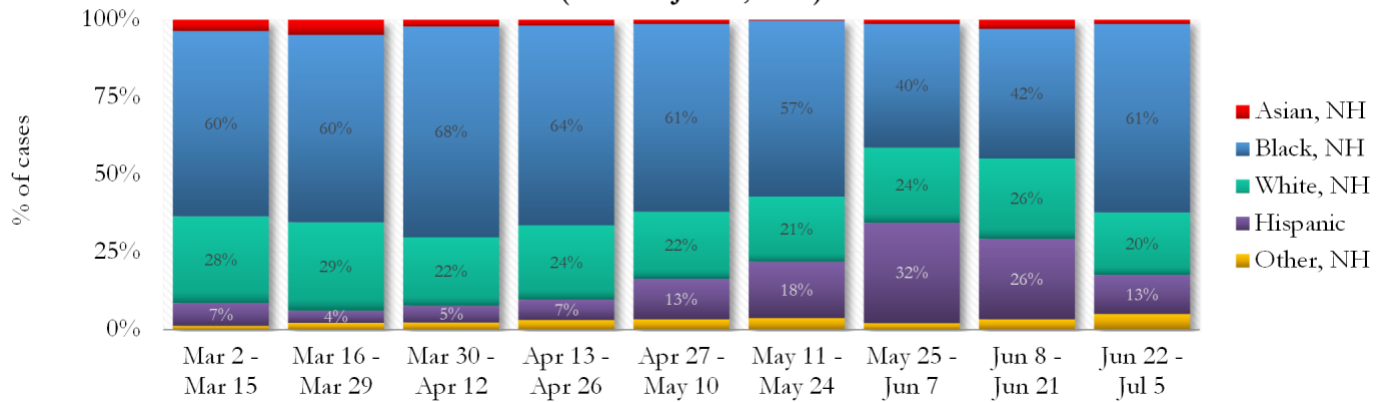
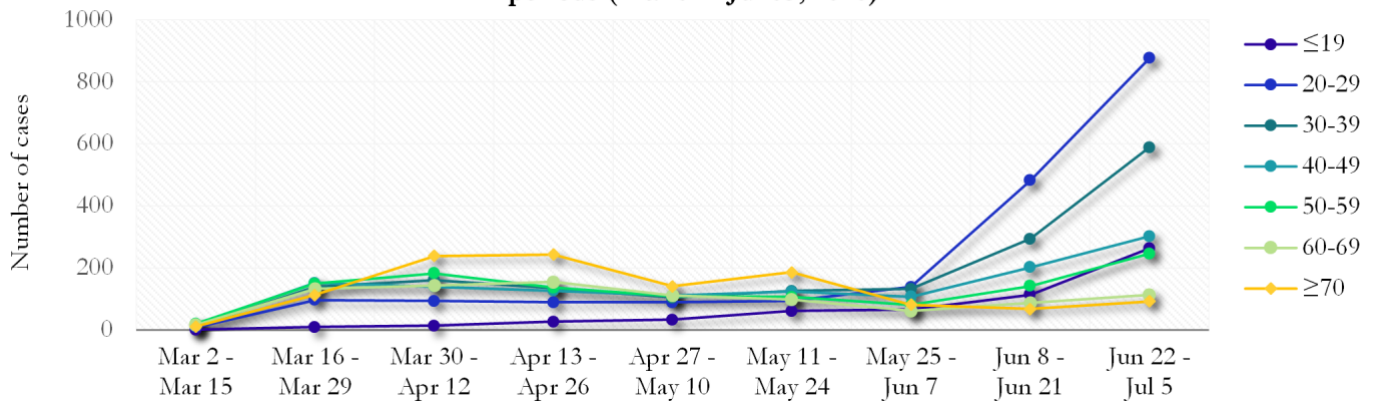


Fig. 13. Trends in Age Distribution of COVID -19 Diagnoses in Fulton County by 14-day periods (Mar 02 - Jul 05, 2020)



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. 14. Age Distribution of COVID -19 Cases in Fulton County by 14-day periods (Mar 02 - Jul 05, 2020)

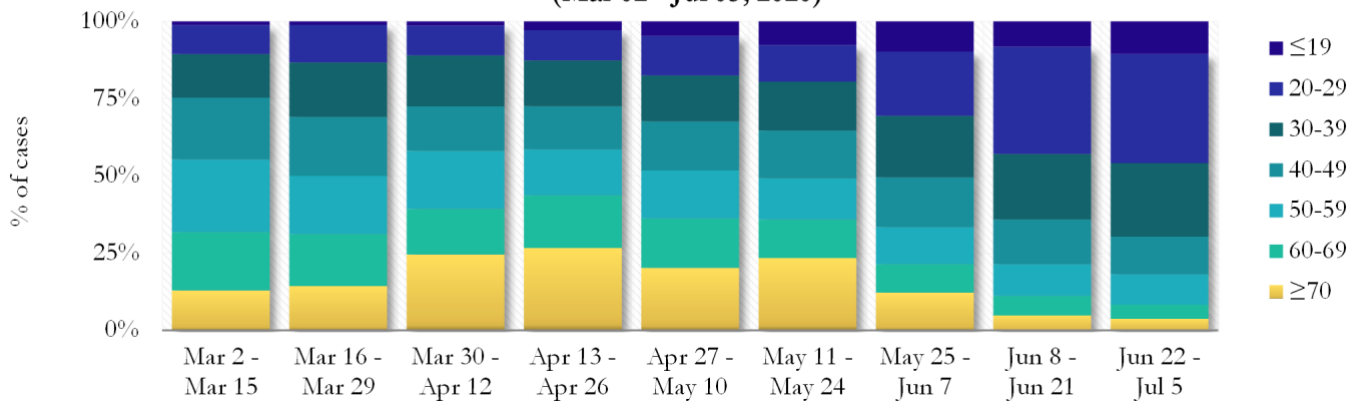
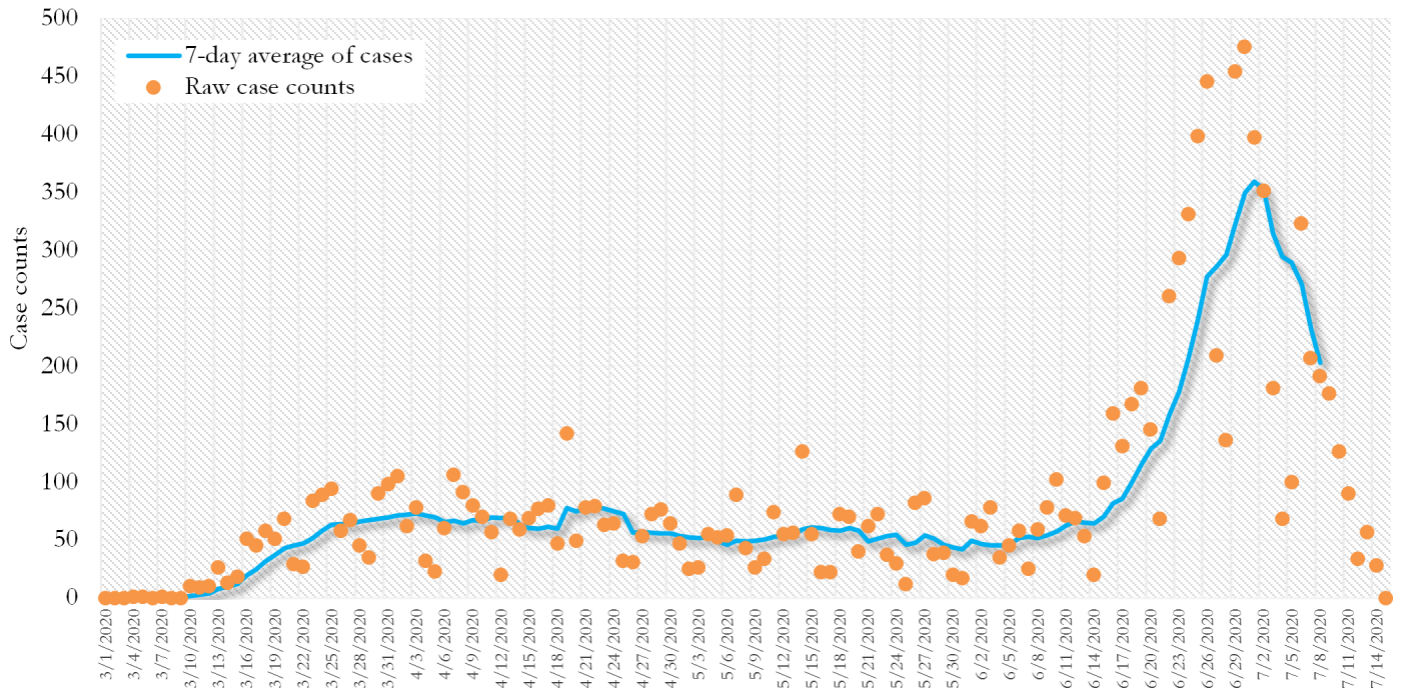
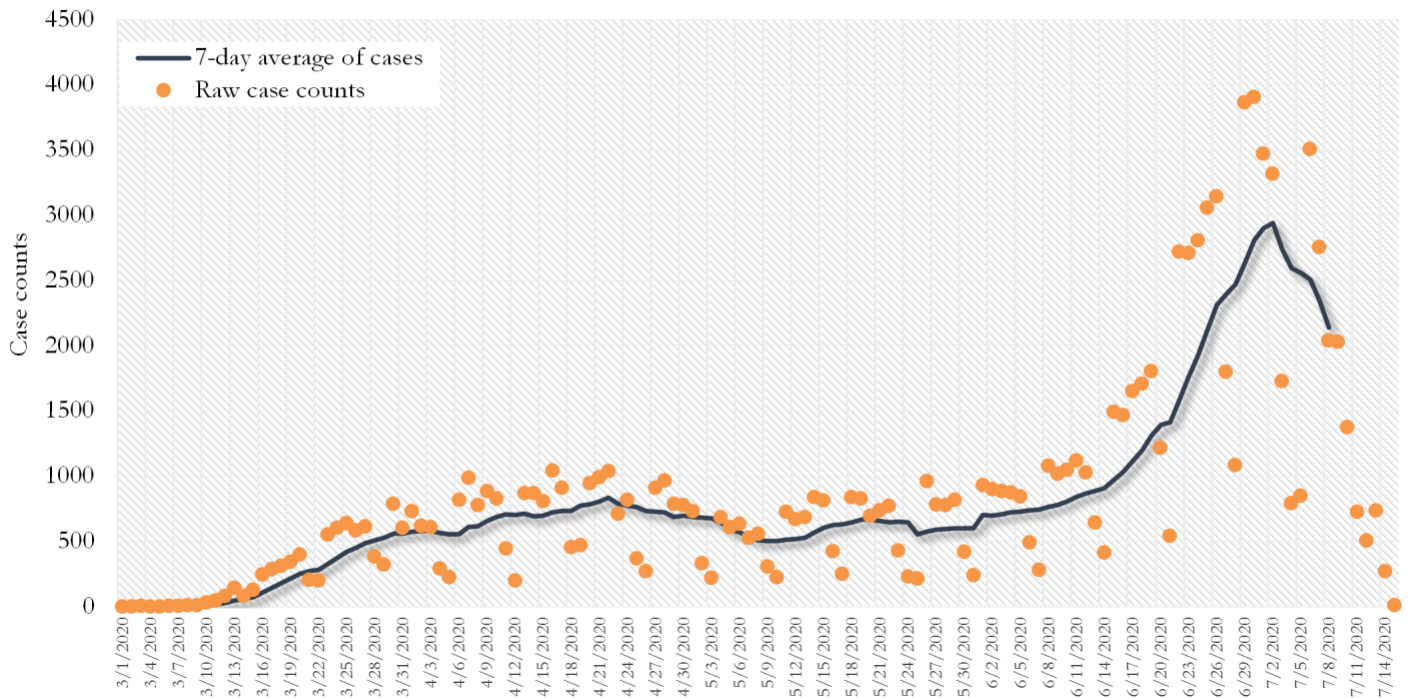


Fig. 15. New COVID-19 Cases in Fulton County Daily (Averaged over 7 days)



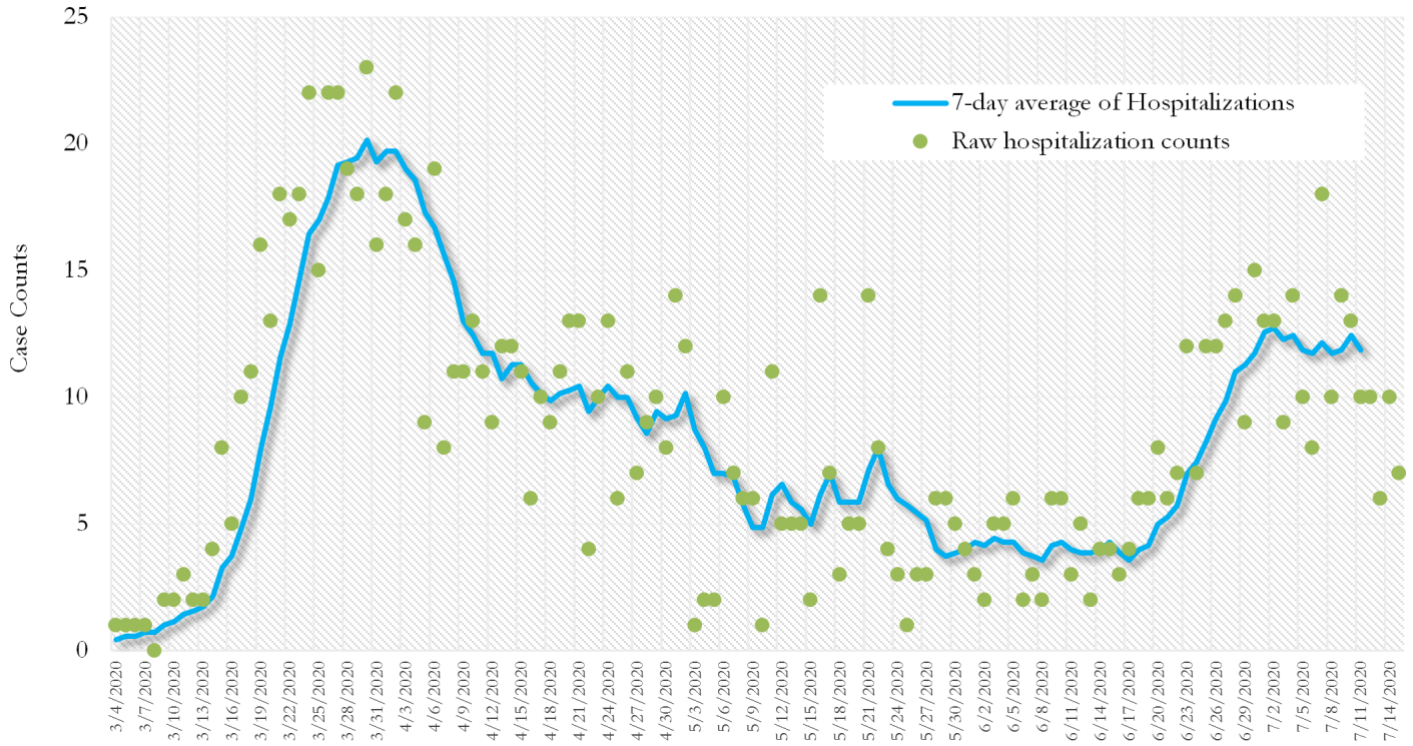
*Date of collection of first positive sample used (report creation date used where sample collection date is missing).

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



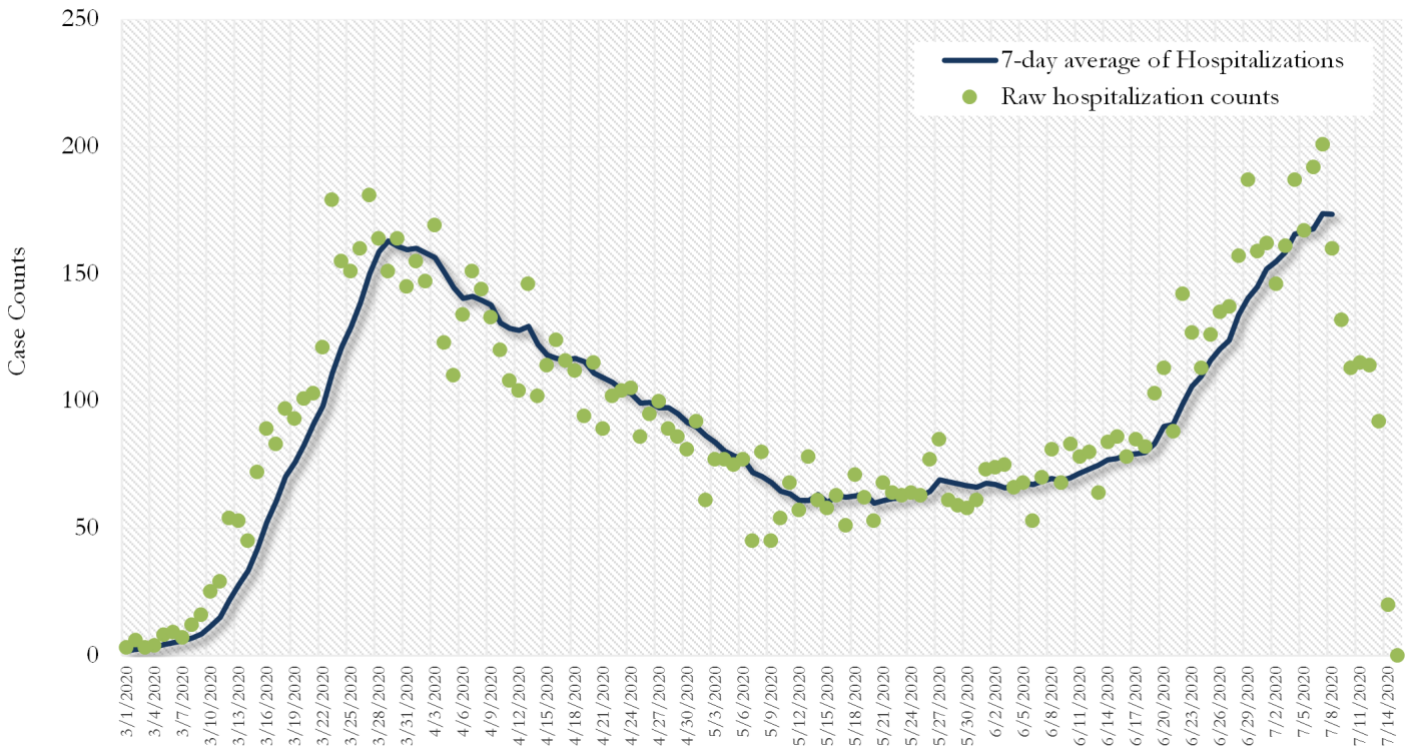
*Date of collection of first positive sample used (report creation date used where sample collection date is missing).

Fig. 17. COVID-19 Hospitalizations in Fulton County Daily (Averaged over 7 days)



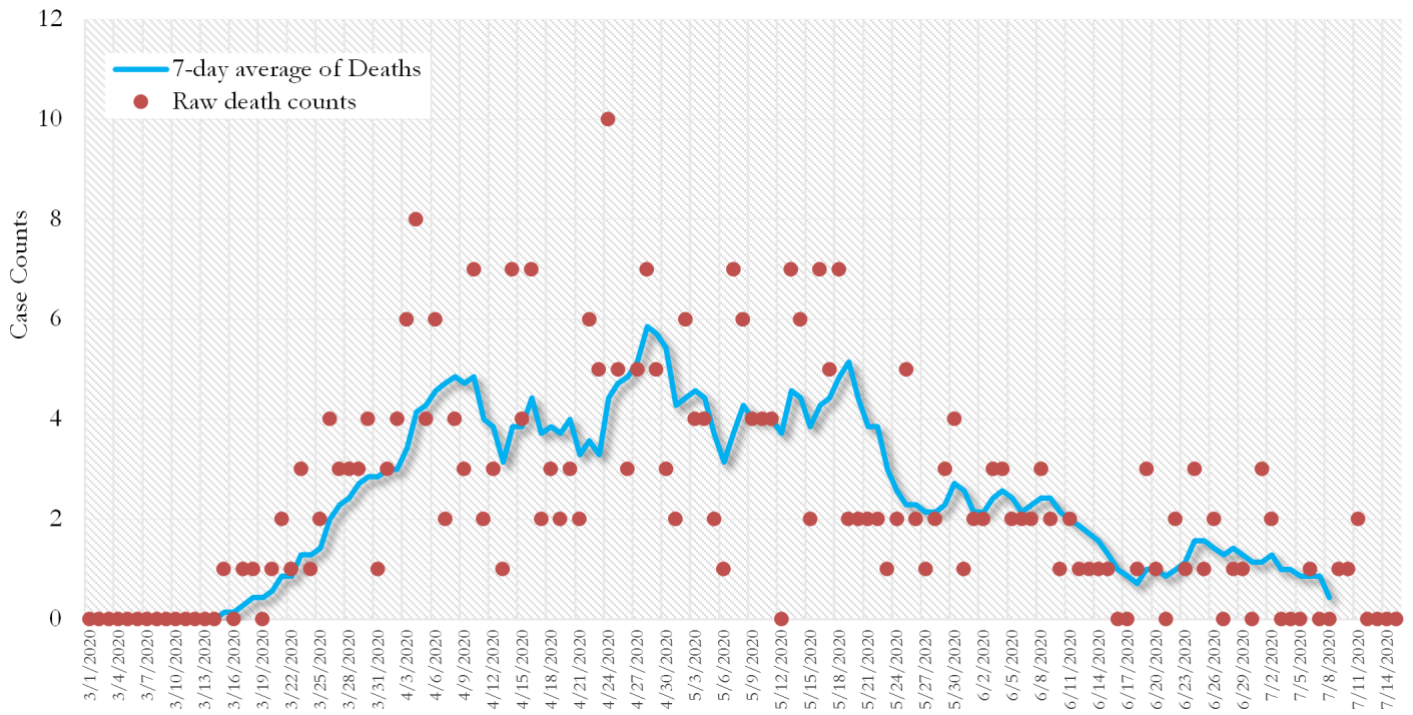
*Reported date of hospital admission used.

Fig. 18. COVID-19 Hospitalizations in Georgia State Daily (Averaged over 7 days)



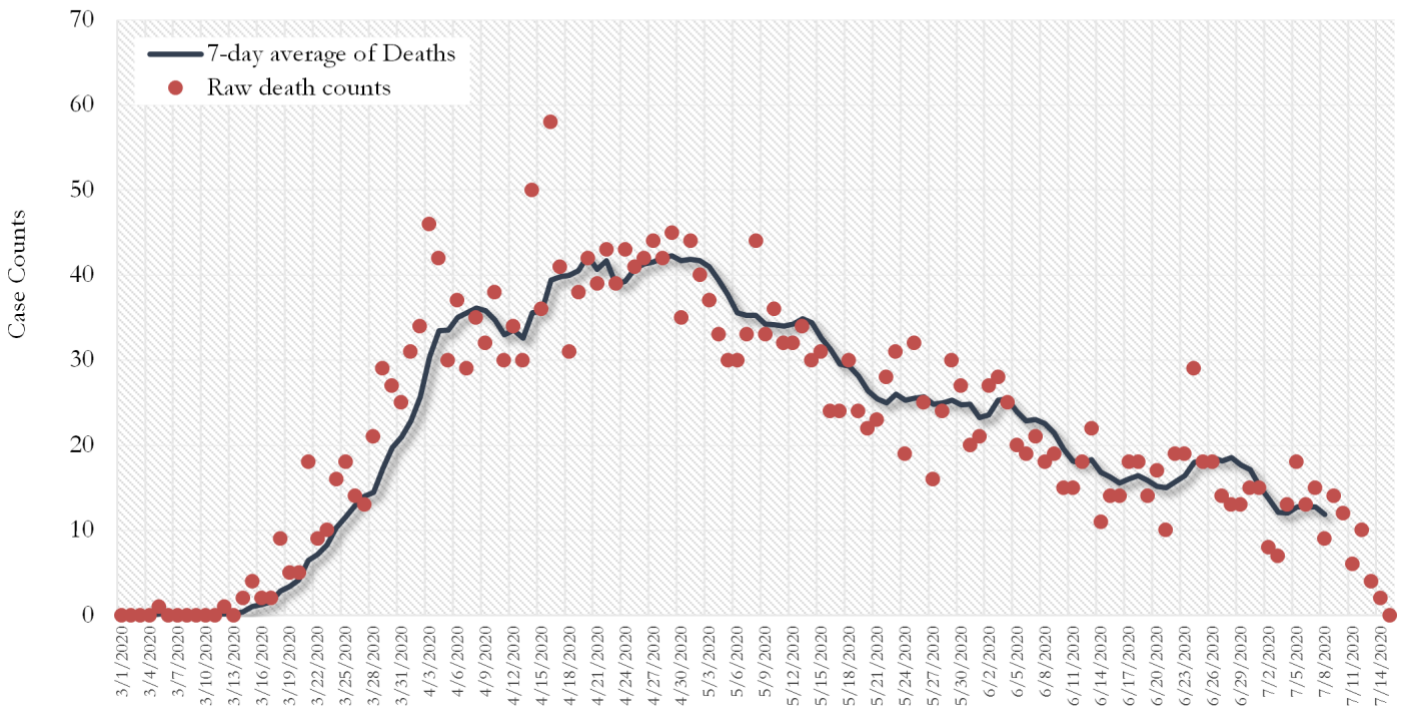
* Reported date of hospital admission used.

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



*Reported date of death used.

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

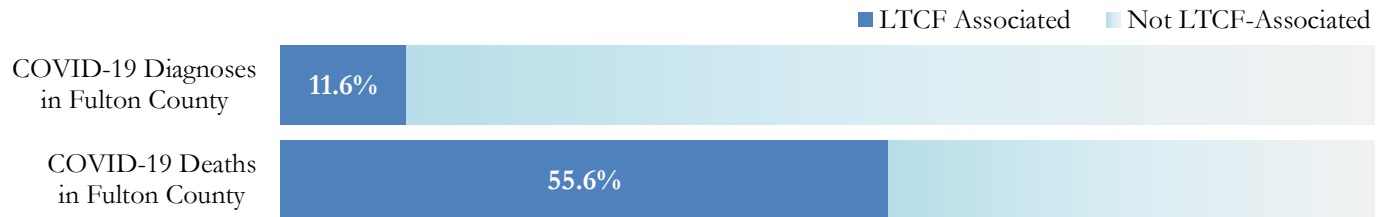


* Reported date of death used.

COVID-19 IN LONG-TERM CARE FACILITIES IN FULTON

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>

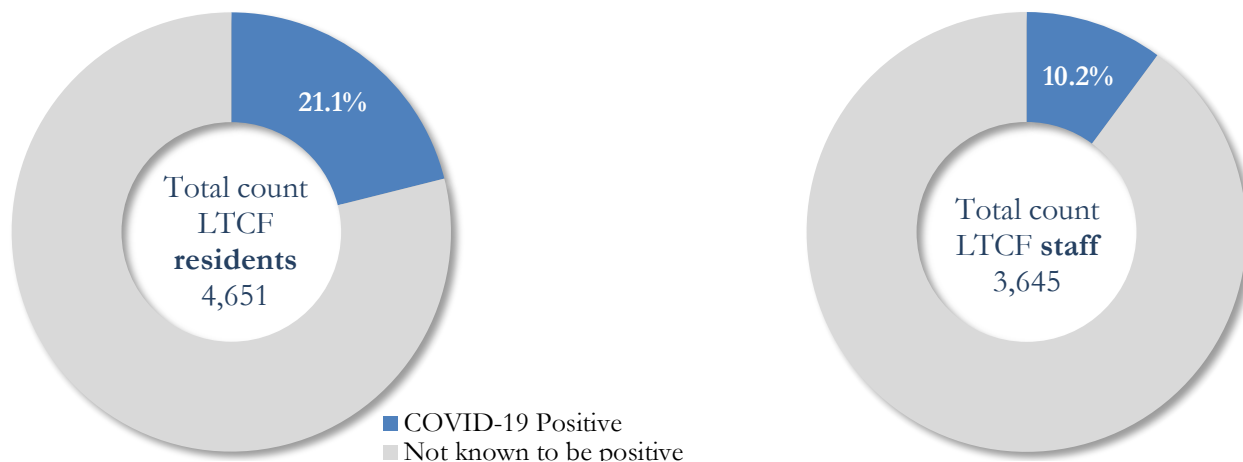
Fig. 21. COVID-19 Diagnoses and Deaths in Fulton County Associated with Long-Term Care Facilities



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

COVID-19 POSITIVITY:

Fig. 22. COVID-19 Positivity at 54 reporting Long-Term Care Facilities (LTCF) in Fulton County



COVID-19 Cases, Hospitalizations, and Deaths among 54 reporting Long-Term Care Facilities in Fulton County

	LTCF Residents (n=4,651)			LTCF Staff (n=3,645)		
	Cases	Hospitalizations	Deaths	Cases	Hospitalizations	Deaths
Average (count per fac.) ¹	18	5	3	7	1	<0.1
Median (count per fac.) ¹	3	2	0	3	0	0
Lowest counts	0	0	0	0	0	0
Highest counts	136	48	29	41	8	1
Total Count	981 (21.1%) ^a	258 (26.3%) ^b	182 (19.0%) ^b	370 (10.2%) ^a	28 (7.6%) ^b	2 (0.5%) ^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

Fig. 23. Trends in Positive COVID-19 Tests in Fulton County by 14-day Periods

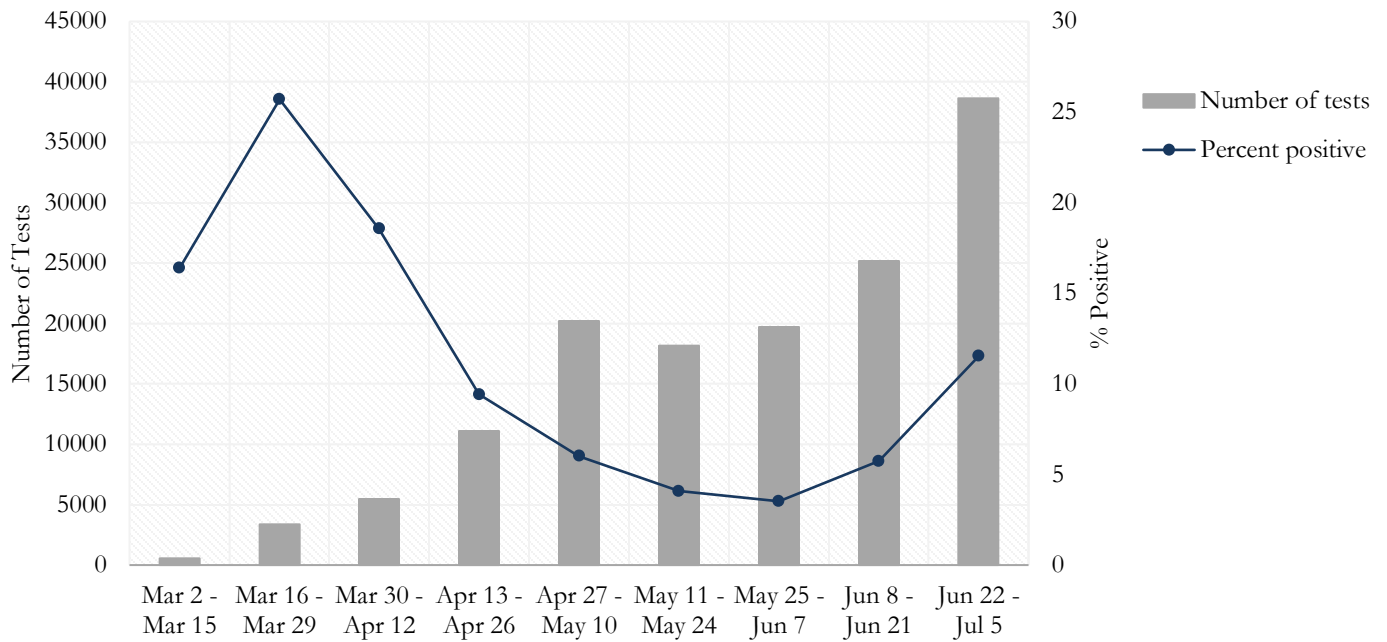


Fig. 24. Trends in Positive COVID-19 Tests in Georgia by 14-day Periods

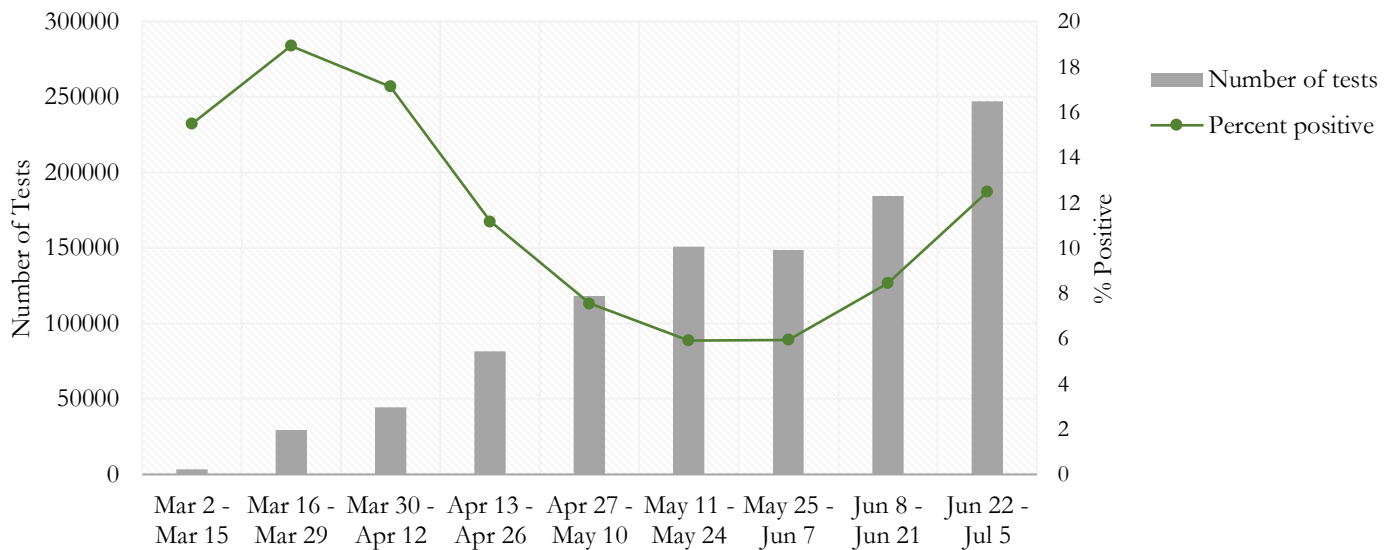


Fig. 25. COVID-19 Tests by Gender in Fulton County by 14-day Periods

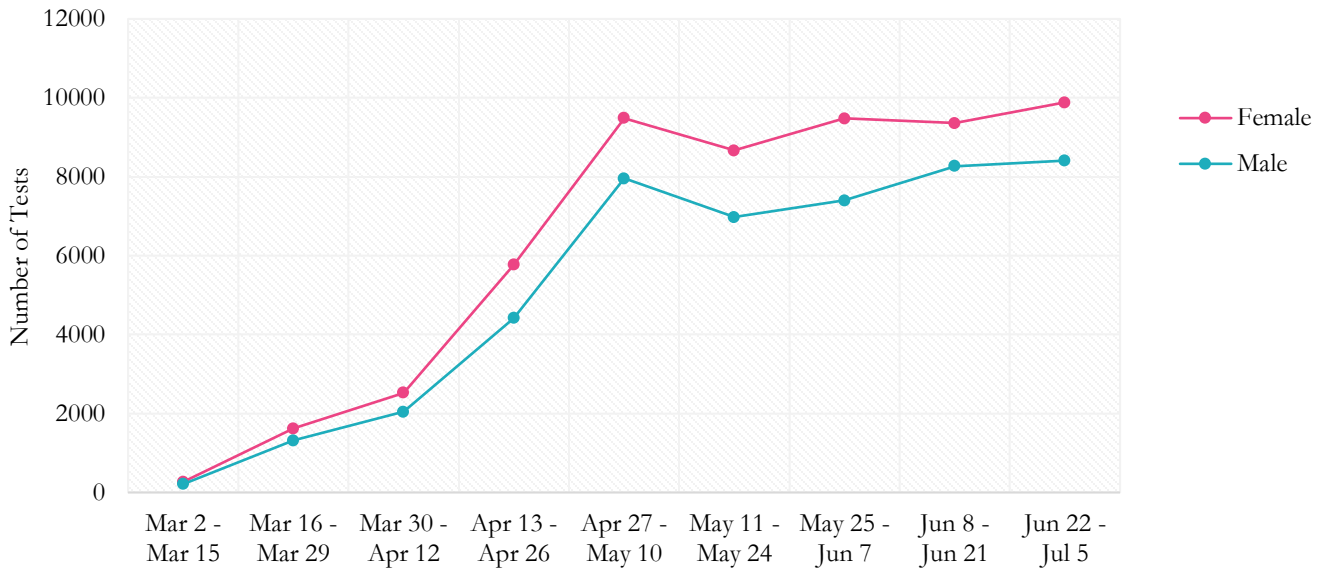


Fig. 26. Percent Positive COVID-19 Tests by Gender in Fulton County by 14-day Periods

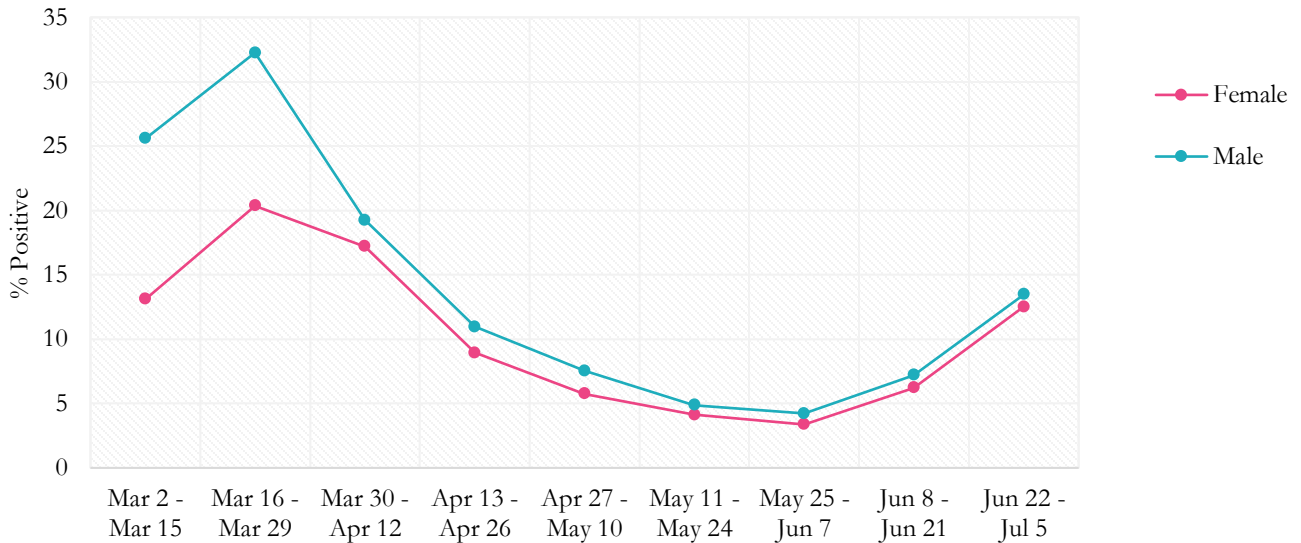


Fig. 27. COVID-19 Tests by Age in Fulton County by 14-day Periods

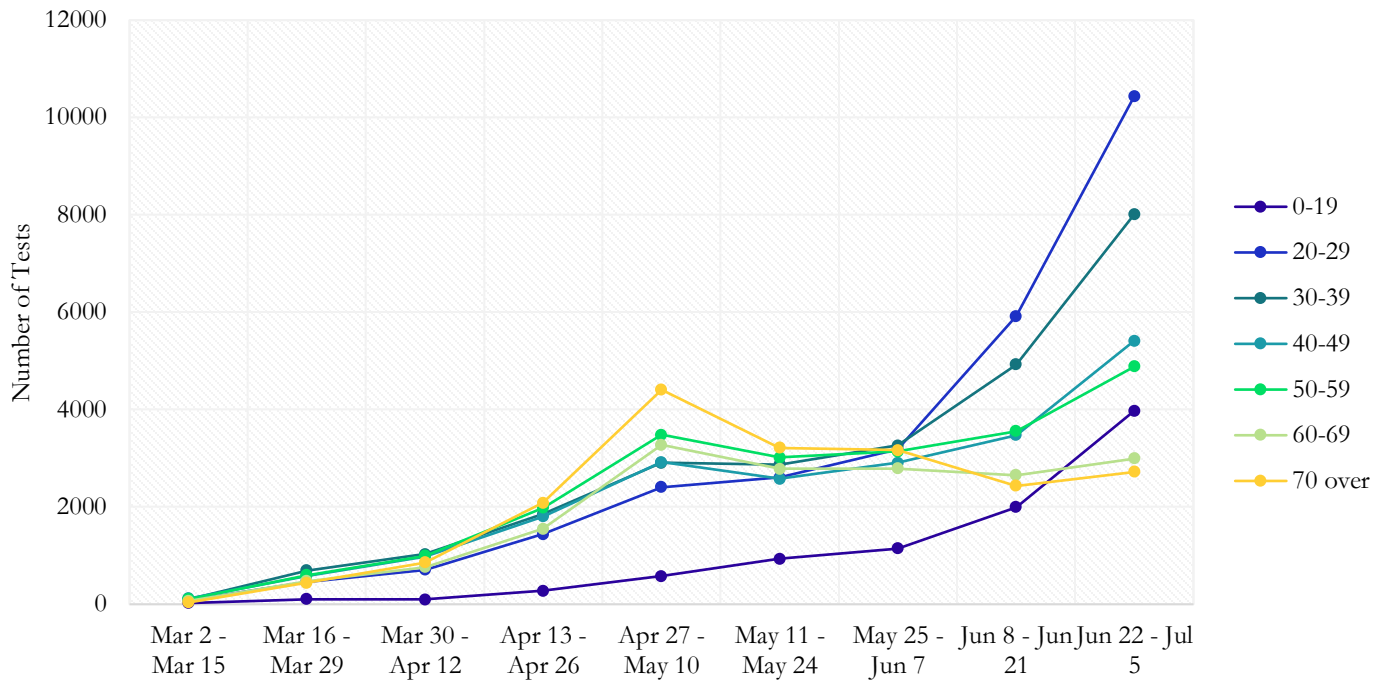


Fig. 28. Percent Positive COVID-19 Tests by Age in Fulton County by 14-day Periods

