

SUMMARY

- As of September 15, 2020, Fulton County has recorded **26,351 cases of the 2019 novel coronavirus** (COVID-19) and **556 deaths**.
- Of **1,511 new diagnoses** made between August 25 and September 8, the central portion of the county (Atlanta metro) accounted for 37% while the northern and southern parts accounted for 43% and 13% respectively.
- By city, new COVID-19 case rates range from 64.9 per 100,000 persons (College Park) to 210.1 per 100,000 persons (Roswell). [Fulton County Diagnoses Rates (per 100,000 persons): Cumulative 2476.7; Incidence –142.0]. See map showing incident case rate by ZIP code on Pg.17.
- Among all persons diagnosed with COVID-19 in Fulton County since May 1, 6.5% required hospitalization and 1.7% died.
- Of all testing done in Fulton County between August 31and September 13, the percent positivity rate was 5%.

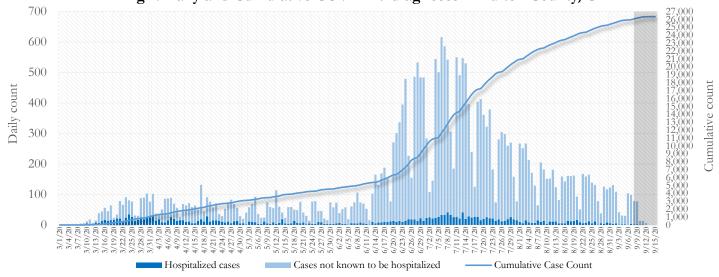


Fig 1. Daily and Cumulative COVID-19 diagnoses in Fulton County, GA

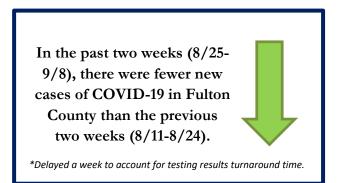
*Counts shown reflect the number of confirmed cases as of 9:00am on 9/15/20 using the date of first positive sample collection. Where date of sample collection was not available or missing, the date of report creation in GA SENDSS was used instead. **Note:** Delays in data reporting may cause changes in data counts, particularly in the shaded portion. Data throughout this report is preliminary and subject to ongoing data cleaning processes, and thus is subject to change.

DISTRIBUTION OF COVID-19 DIAGNOSES BY REGION

New cases: 37% of the new COVID-19 cases diagnosed in the past 2 weeks occurred in Atlanta while 43% and 13% occurred in the Northern and Southern regions of the county respectively.

Fulton Region	% Cumulative	% New	
	count	cases*	
Atlanta	42.2%	37.2%	
North ¹	27.1%	43.2%	
South ²	19.8%	12.6%	
Unincorporated/Unknown	10.9%	7.1%	

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) *<u>New cases</u>: Cases diagnosed in the past 2 weeks only (between 8/25/20 – 9/8/20).



COVID-19 CASE COUNTS AND RATES BY CITY

	Prior (9/11/20)	Current Total (9/15/20)			New	New Cases (<i>Period: 8/11/20 – 9/08/20</i>) ¹			
	Count	Count	%	Cum. Rate ²	1 st 14 d. (8/11– 8/24)	Last 14 d. (8/25–9/8)	% change ³	Rate⁴ (Last 14 d).	
Alpharetta	1074	1101	4.2%	1702.4	141	128	↓ 9.2%	197.9	
Atlanta	10988	11132	42.2%	2523.3	679	562	↓ 17.2%	127.4	
Chattahoochee Hills	0	0	0.0%	-	-	-	-	-	
College Park	324	330	1.3%	2378.0	29	<10	↓ 69.0%	64.9	
East Point	874	899	3.4%	2570.3	73	39	↓ 46.6%	111.5	
Fairburn	415	423	1.6%	2876.0	22	20	↓ 9.1%	136.0	
Hapeville	192	197	0.7%	2993.5	15	<10	↓ 60.0%	91.2	
Johns Creek	1036	1067	4.0%	1275.8	115	109	↓ 5.2%	130.3	
Milton	640	661	2.5%	1731.7	84	75	↓ 10.7%	196.5	
Mountain Park	6	6	0.0%	960.0	0	0	-	-	
Palmetto	106	107	0.4%	2447.4	<10	<10	↓ 25.0%	137.2	
Roswell	1978	2015	7.6%	2137.8	208	198	↓ 4.8%	210.1	
Sandy Springs	2246	2288	8.7%	2170.6	126	142	↑ 12.7%	134.7	
South Fulton	2540	2565	9.7%	2696.8	167	88	↓ 47.3%	92.5	
Union City	690	699	2.7%	3334.9	44	22	↓ 50.0%	105.0	
Unknown	2854	2861	10.9%	-	255	107	-	-	

¹New 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. ²Cumulative diagnosis rate: Population estimates from US Census Bureau used to calculate cumulative diagnoses rate. All rates shown are per 100,000 persons. ³/₃ 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 <u>both</u> 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.

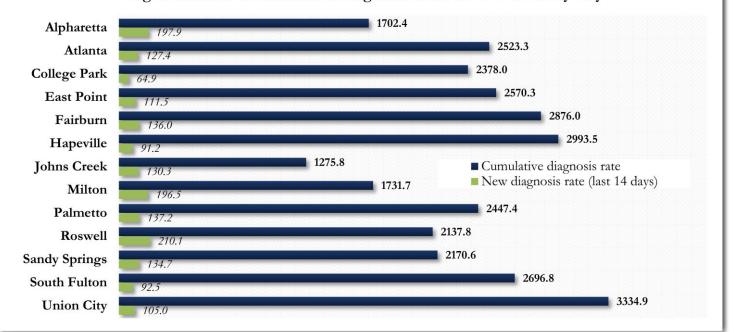
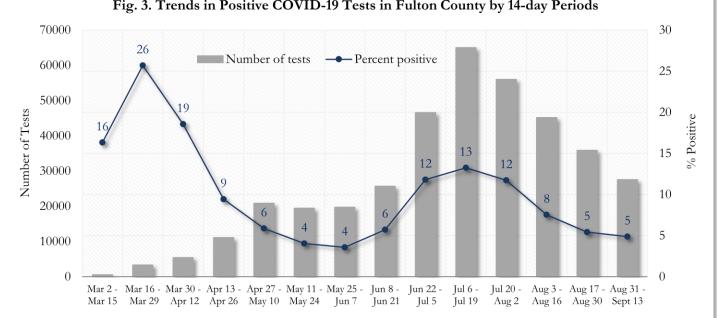


Fig. 2. Incident & Cumulative Diagnoses Rates for COVID-19 by City

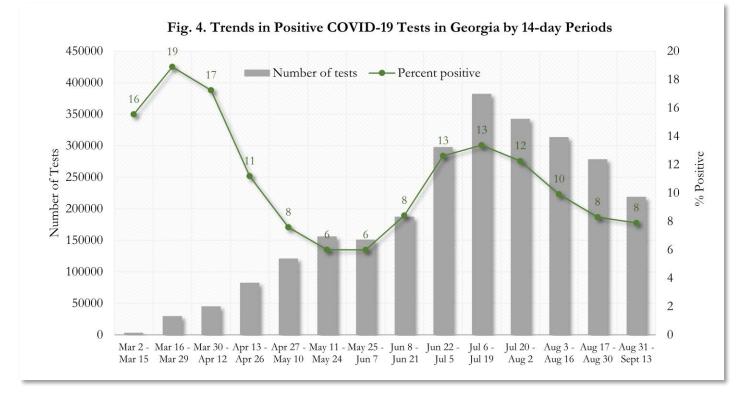
*Rates shown are per 100,000 persons | Note: Mass testing in specific locations (e.g. long term care facilities) may cause sharp increases in the cumulative rate of COVID-19 diagnosis in those territories. All data shown are preliminary and are subject to change as testing results get updated.

COVID-19 TESTING AND POSITIVITY IN FULTON COUNTY AND GEORGIA





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



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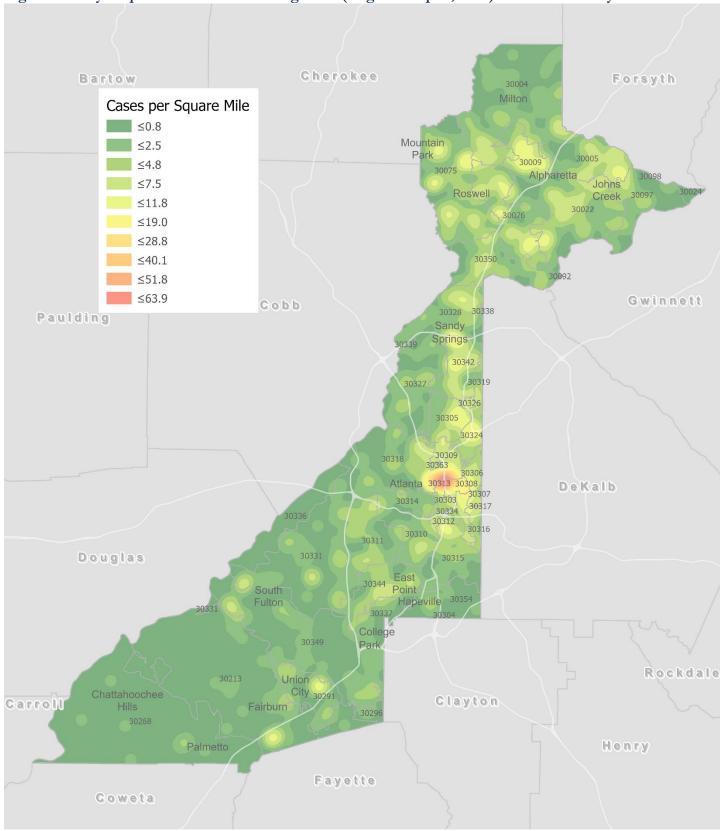
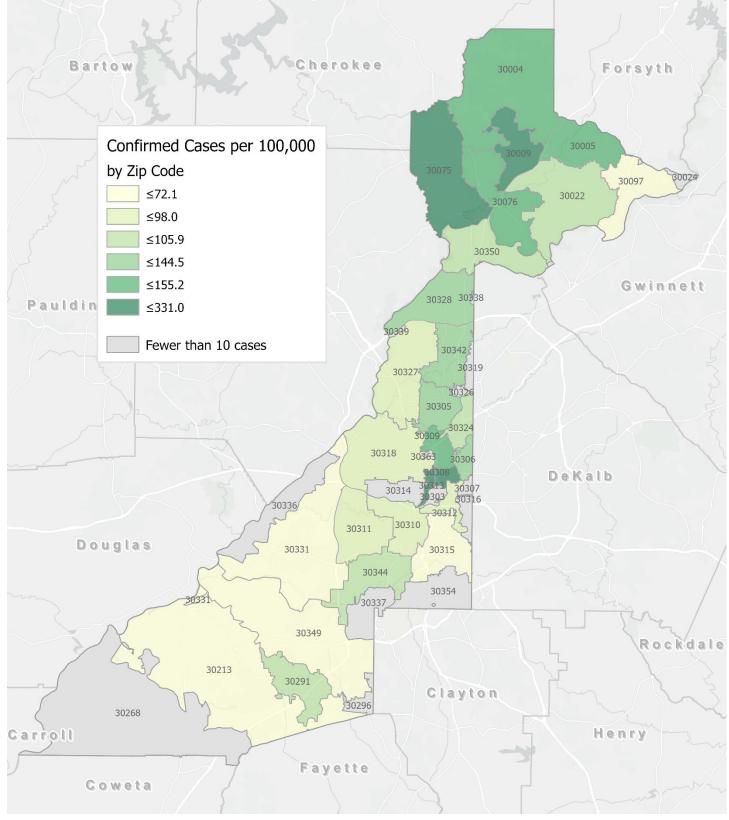


Fig. 5. Density Map - New COVID 19 Diagnoses (Aug 25 - Sept 8, 2020) in Fulton County

<u>New COVID-19 cases:</u> 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 Aug 25th and Sept 8th, 2020 across Fulton County.



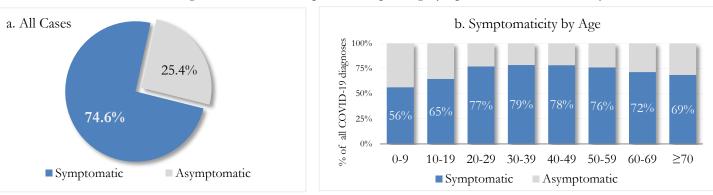


*Rates shown are per 100,000 populations.

<u>New COVID-19 cases:</u> 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 past7 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 17 for zip code break down table.

REPORTING SYMPTOMS AMONG PERSONS WITH COVID-19 IN FULTON

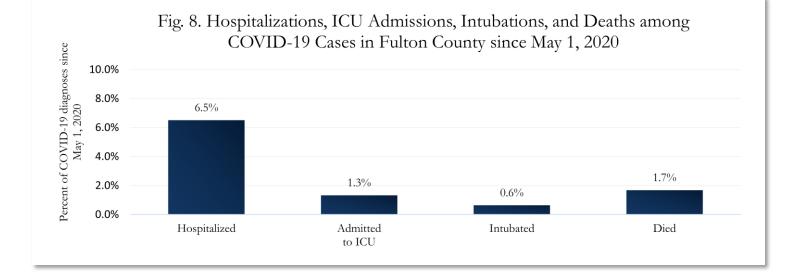
People with COVID-19 have reported a wide range of symptoms ranging from mild symptoms to severe illness. Symptoms may appear 2-14 days after exposure to the virus. Symptoms reported include: cough, shortness of breath/difficulty breathing, fever, chills, repeated shaking with chills, muscle pain, headache, 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





COVID-19 cases who have been case interviewed or had medical charts reviewed as of 9/15/20 only. n = 15,896

COVID-19 HOSPITALIZATIONS, ICU ADMISSIONS AND DEATHS IN FULTON



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DEMOGRAPHIC DISTRIBUTIONS - COVID 19 CASES AND DEATHS

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	North Fulton Cities ¹ Count (%)	Atlanta Count (%)	South Fulton Cities ² Count (%)	Unknown City Count (%)	All Fulton Count (%)	
Total COVID-19 cases	7138	11132	5220	2861	26351	
Gender: Female	3589 (50.3%)	5382 (48.3%)	2856 (54.7%)	1432 (50.1%)	13259 (50.3%)	
Male	3342 (46.8%)	5168 (46.4%)	2154 (41.3%)	1305 (45.6%)	11969 (45.4%)	
Unknown*	207 (2.9%)	582 (5.2%)	210 (4.0%)	124 (4.3%)	1123 (4.3%)	
Age: 0-9	234 (3.3%)	198 (1.8%)	158 (3.0%)	74 (2.6%)	664 (2.5%)	
10-19	1089 (15.3%)	747 (6.7%)	364 (7.0%)	205 (7.2%)	2405 (9.1%)	
20-29	1575 (22.1%)	3247 (29.2%)	1022 (19.6%)	738 (25.8%)	6582 (25.0%)	
30-39	1102 (15.4%)	2397 (21.5%)	1090 (20.9%)	595 (20.8%)	5184 (19.7%)	
40-49	1123 (15.7%)	1464 (13.2%)	962 (18.4%)	448 (15.7%)	3997 (15.2%)	
50-59	1000 (14.0%)	1230 (11.0%)	713 (13.7%)	359 (12.5%)	3302 (12.5%)	
60-69	518 (7.3%)	832 (7.5%)	480 (9.2%)	223 (7.8%)	2053 (7.8%)	
≥70	488 (6.8%)	992 (8.9%)	420 (8.0%)	211 (7.4%)	2111 (8.0%)	
Unknown*	<10	25 (0.2%)	11 (0.2%)	<10	53 (0.2%)	
Race: Asian, NH	241 (3.4%)	169 (1.5%)	16 (0.3%)	55 (1.9%)	481 (1.8%)	
Black, NH	700 (9.8%)	4875 (43.8%)	3371 (64.6%)	837 (29.3%)	9783 (37.1%)	
White, NH	2479 (34.7%)	2168 (19.5%)	201 (3.9%)	627 (21.9%)	5475 (20.8%)	
Hispanic	1363 (19.1%)	662 (5.9%)	417 (8.0%)	322 (11.3%)	2764 (10.5%)	
Other, NH	277 (3.9%)	332 (3.0%)	125 (2.4%)	102 (3.6%)	836 (3.2%)	
Unknown*	2078 (29.1%)	2926 (26.3%)	1090 (20.9%)	918 (32.1%)	7012 (26.6%)	

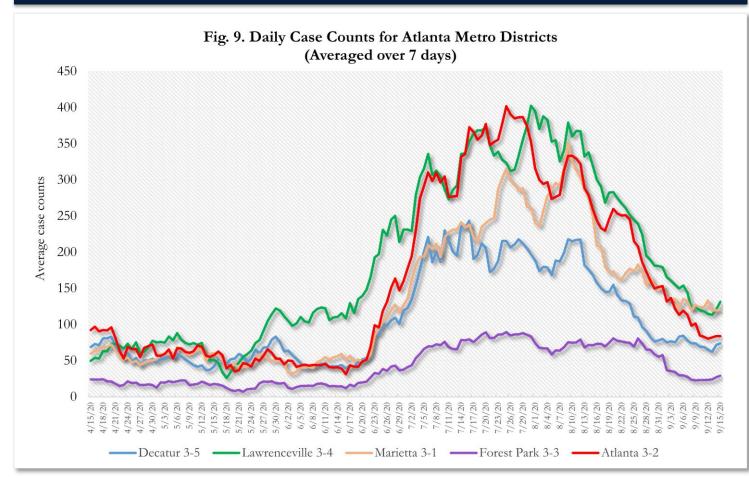
A. Distribution of COVID-19 cases by gender, age, and race in Fulton County by Fulton Region

*Unknown included cases not yet interviewed.

В.	Distribution of COVID-19	deaths by gender	, age, and race in Fulton	County by Fulton Region

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	North Fulton Cities ¹	Atlanta	South Fulton Cities ²	Unknown City	All Fulton
	Count (%)	Count (%)	Count (%)	Count (%)	Count (%)
Total COVID-19 deaths	113	264	138	41	556
Gender: Female	52 (46.0%)	116 (43.9%)	70 (50.7%)	25 (61.0%)	263 (47.3%)
Male	61 (54.0%)	148 (56.1%)	68 (49.3%)	16 (39.0%)	293 (52.7%)
Unknown	0	0	0	0	0
Age: ≤ 29	0	<10	<10	0	<10
30-39	<10	<10	<10	<10	13 (2.3%)
40-49	<10	<10	10 (7.2%)	<10	26 (4.7%)
50-59	<10	24 (9.1%)	18 (13.0%)	<10	48 (8.6%)
60-69	14 (12.4%)	50 (18.9%)	31 (22.5%)	<10	99 (17.8%)
≥70	87 (77.0%)	171 (64.8%)	75 (54.3%)	32 (78.0%)	365 (65.6%)
Unknown	0	<10	0	0	0
Race: Asian, NH	<10	<10	<10	<10	10 (1.8%)
Black, NH	20 (17.7%)	227 (86.0%)	119 (86.2%)	22 (53.7%)	388 (69.8%)
White, NH	79 (69.9%)	29 (11.0%)	12 (8.7%)	16 (39.0%)	136 (24.5%)
Hispanic	10 (8.8%)	<10	<10	<10	19 (3.4%)
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). <u>Note:</u> All data reported are preliminary and subject to change.



COVID-19 CASE TRENDS IN FULTON AND SURROUNDING DISTRICTS

*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.

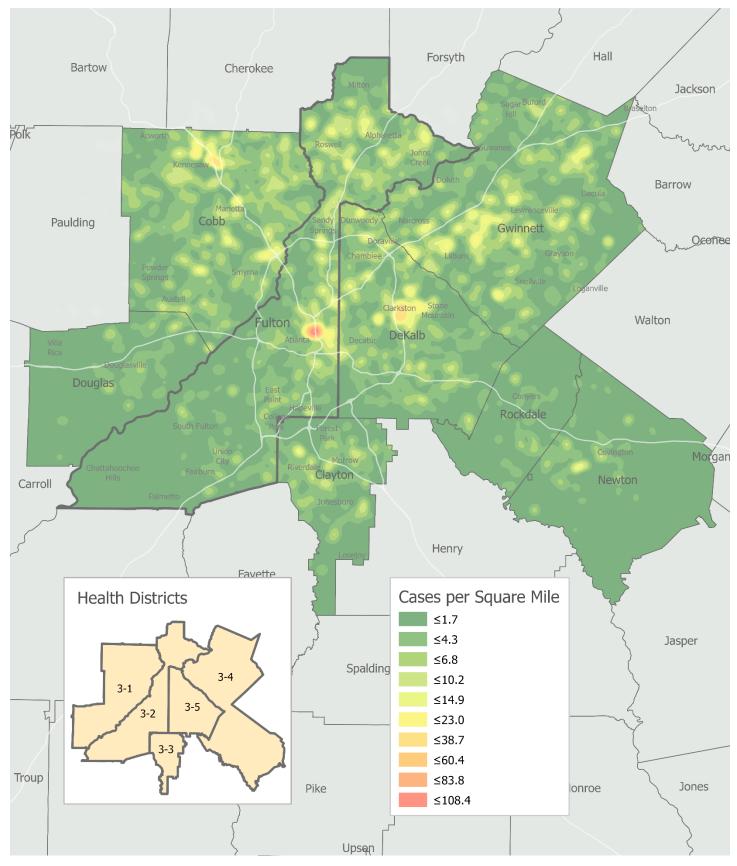
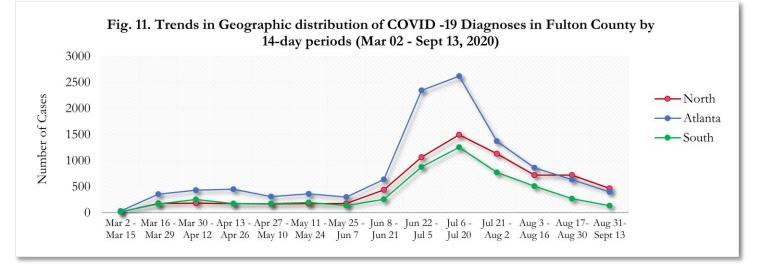


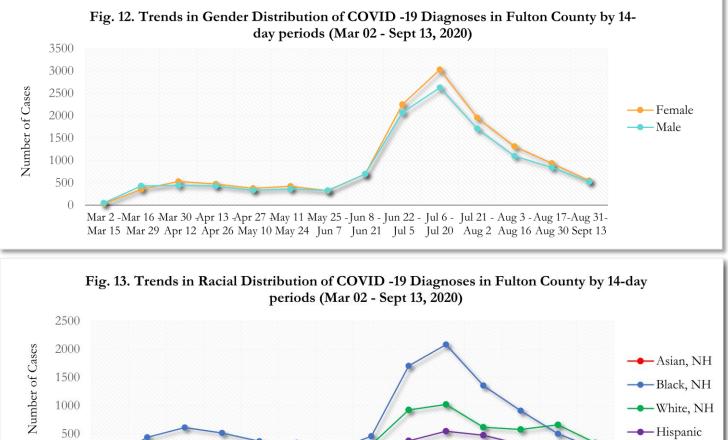
Fig. 10. COVID-19 Cases in Fulton County and Surrounding Districts (Aug 25 – Sept 8, 2020)

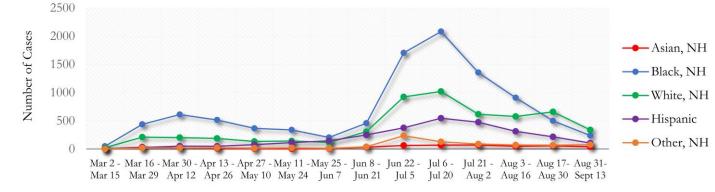
TRENDS IN COVID-19 CASES AMONG DEMOGRAPHIC GROUPS (14 DAY PERIODS)



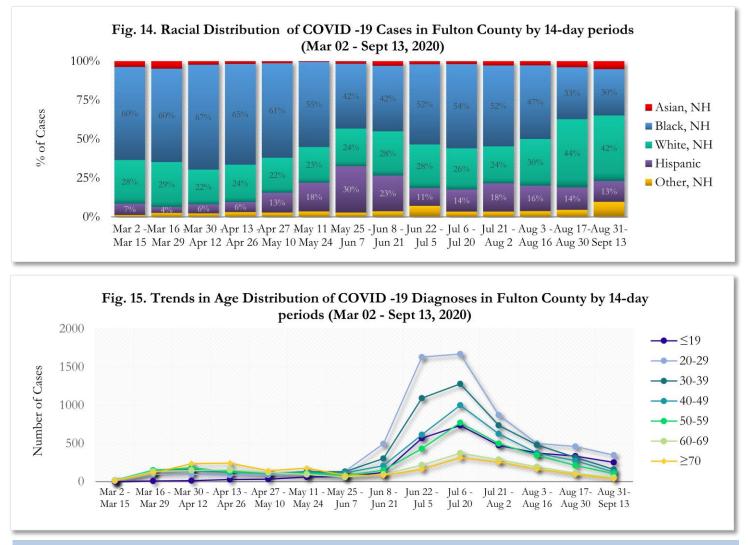
The Northern region now accounts for a majority of cases in Fulton County.

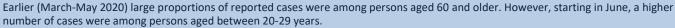
*North -Includes all Fulton cities north of Atlanta metro (Alpharetta, Milton, Johns Creek, Roswell, Sandy Springs, Mountain Park) *South - Includes all Fulton cities south of Atlanta (College Park, Chattahoochee Hills, East Point, Hapeville, Palmetto, South Fulton, Fairburn, and Union City)

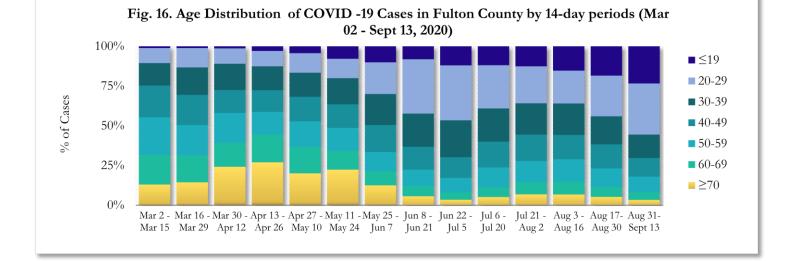




About 27% of COVID cases are missing data on patient race and ethnicity. The majority of diagnoses made in the past two weeks were White-NH (42%) rather than Black-NH (30%).







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

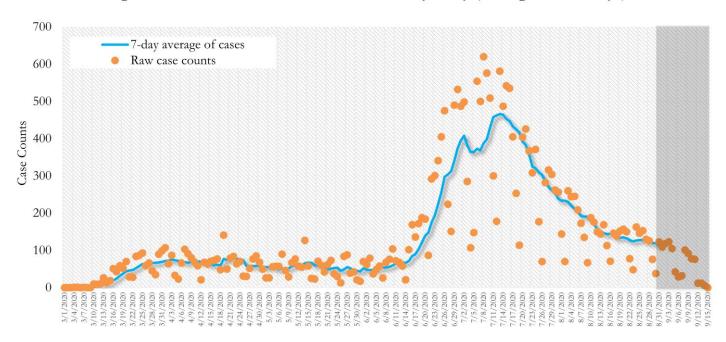
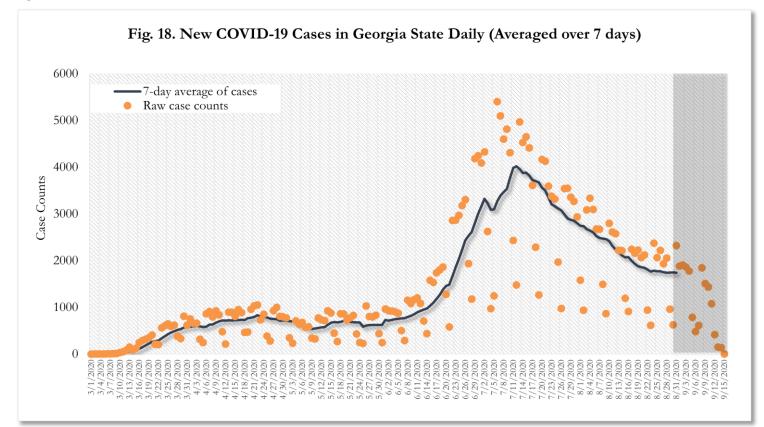
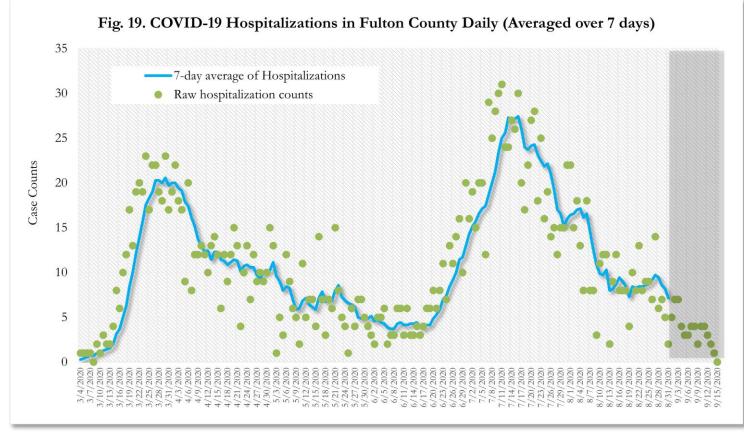


Fig. 17. New COVID-19 Cases in Fulton County Daily (Averaged over 7 days)

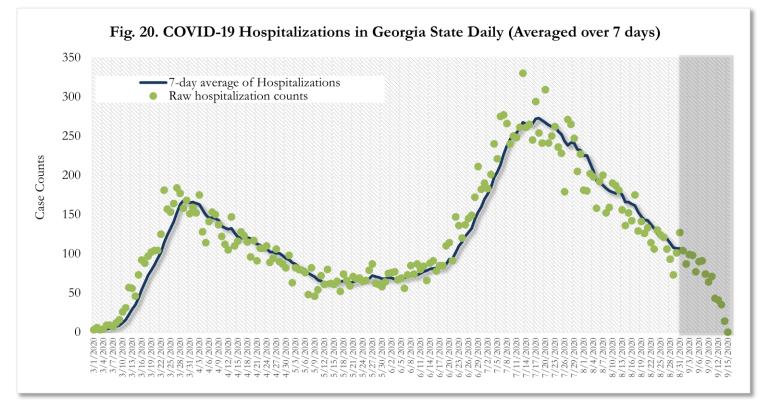
*Date of collection of first positive sample used (report creation date used where sample collection date is missing). Graph above reflects the trend in COVID-19 diagnosis. Due to the high volume of testing in recent weeks, there have been delays in reporting lab results. Thus, the trend is subject to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



*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.



*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.



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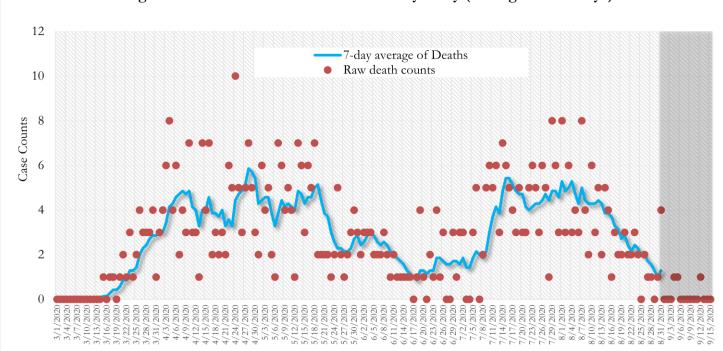
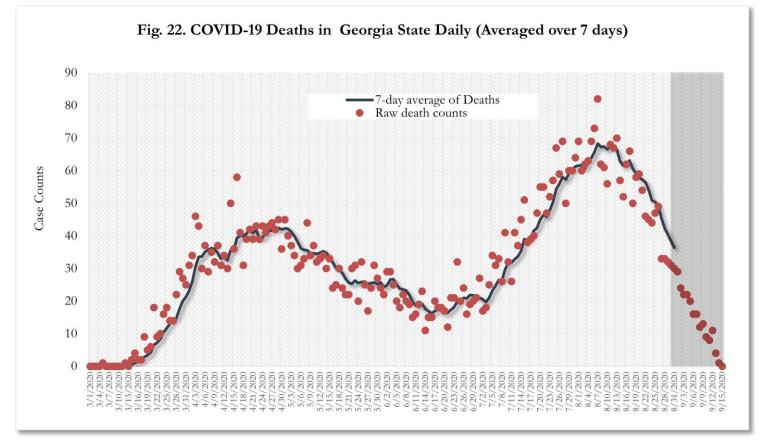


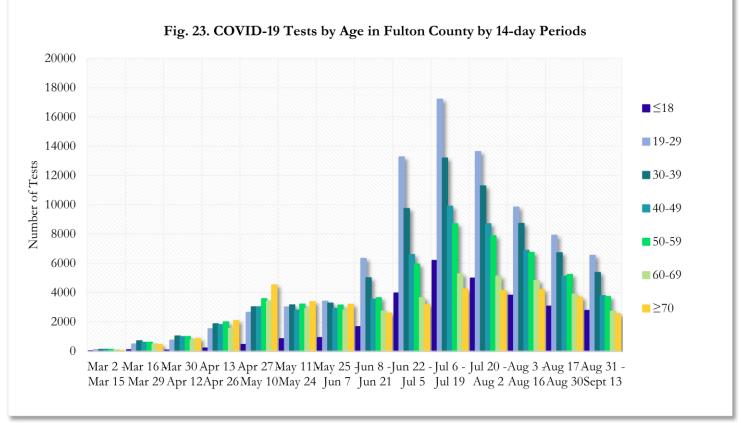
Fig. 21. COVID-19 Deaths in Fulton County Daily (Averaged over 7days)

* 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.

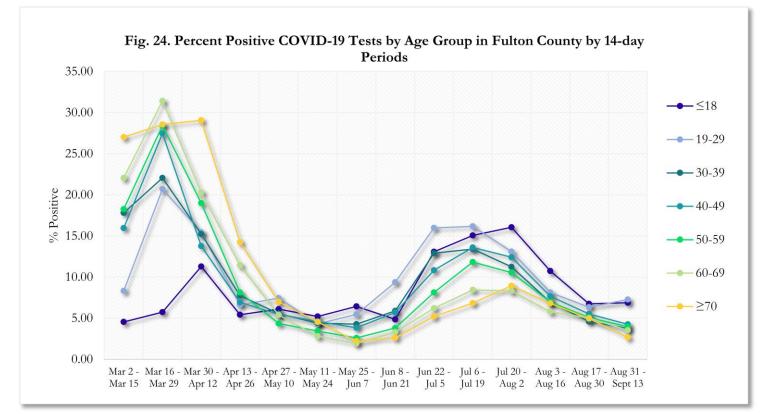


*Reported date of death used. Graph above reflects the trend in deaths attributed to COVID-19. The trend is likely to change as more data on deaths among persons with COVID-19 is reported in the state surveillance database.

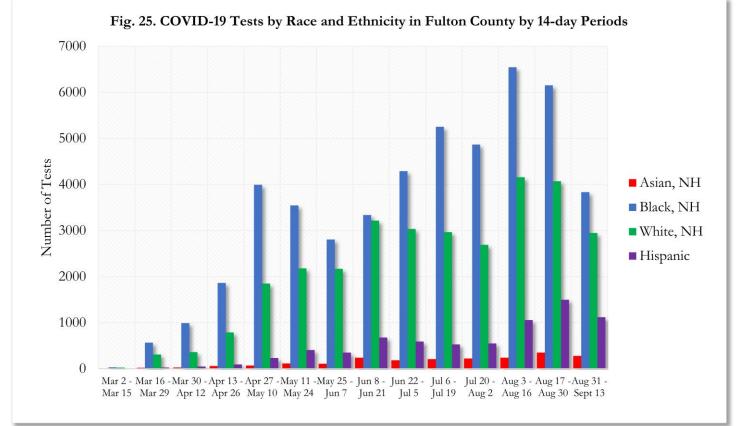
COVID-19 TESTING AND POSITIVITY IN FULTON COUNTY BY AGE AND RACE



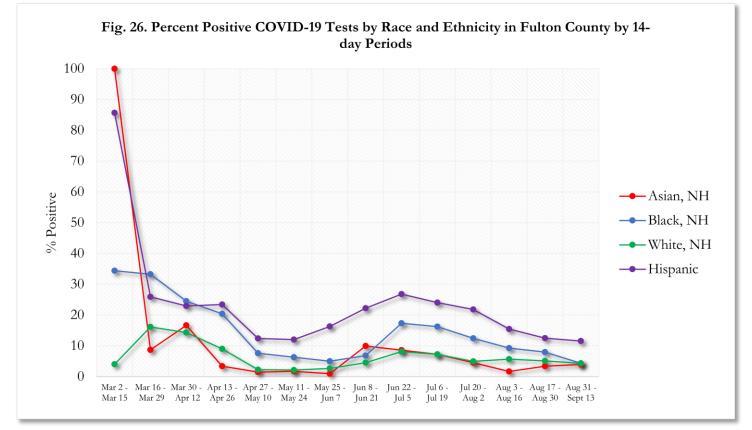
^{*}Data on Polymerase Chain Reaction (PCR) tests only included.



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COVID-19 CASE COUNTS BY ZIP CODE

	Prior (9/11/20)	Current To	tal (9/15/20)	New Cases (<i>Period: 8/11/20 – 9/08/20</i>)		
	Count	Count	%	1st 14 days (Aug 11 – Aug 24)	Last 14 d. (Aug 25 – Sept 8)	% change ²
All Fulton	25963	26351	100%	1965	1511	↓ 23.1%
30004	972	1003	3.81%	150	96	↓ 36.0%
30005	504	519	1.97%	53	62	↑ 17.0%
30009	413	425	1.61%	43	66	↑ 53.5%
30022	1082	1110	0.78%	126	92	↓ 27.0%
30023	<10	<10	< 0.1%	<10	<10	-
30024	17	17	< 0.1%	<10	<10	-
30075	994	1010	3.83%	99	104	↑ 5.1%
30076	972	994	3.77%	112	84	↓ 25.0%
30080	<10	<10	< 0.1%	0	0	-
30097	244	256	0.97%	17	22	↑ 29.4%
30098	-	-	-	0	0	-
30135	<10	<10	< 0.1%	0	0	-
30138	<10	<10	< 0.1%	0	0	-
30139	-	-	-	0	0	-
30213	991	1004	3.81%	71	36	↓ 49.3%
30268	180	181	0.69%	14	12	↓ 14.3%
30291	717	724	2.75%	42	25	↓ 40.5%
30296	43	44	0.17%	<10	<10	-
30301	<10	10	< 0.1%	<10	0	↓ 100.0%
30303	373	368	1.40%	12	<10	↓ 33.3%
30305	712	715	2.71%	36	37	↑ 2.8%
30306	328	330	1.25%	21	24	↑ 14.3%
30307	186	186	0.71%	27	<10	↓ 66.7%
30308	477	479	1.82%	37	49	↑ 32.4%
30309	719	726	2.76%	36	43	↑ 19.4%
30310	687	693	2.63%	49	25	↓ 49.0%
30311	740	749	2.84%	38	33	↓ 13.2%
30312	739	749	2.84%	42	24	↓ 42.9%
30313	199	206	0.78%	<10	54	↑ 671.4%
30314	530	535	2.03%	34	12	↓ 64.7%
30315	789	809	3.07%	75	41	↓ 45.3%
30316	372	369	1.40%	33	14	↓ 57.6%
30318	1548	1564	5.94%	92	78	↓ 15.2%
30319	123	125	0.47%	<10	10	↑ 42.9%
30321	13	14	<0.1%	<10	<10	-
30324	834	850	3.23%	48	35	↓ 27.1%
30326	206	209	0.79%	10	<10	↓ 10.0%
30327	488	502	1.91%	33	30	↓ 9.1%
30328	735	753	2.86%	43	44	↑ 2.3%
30331	1634	1661	6.30%	97	53	↓ 45.4%
30334	13	13	<0.1%	<10	0	↓ 100.0%
30336	80	81	0.31%	<10	0	↓ 100.0%
30337	306	312	1.18%	30	<10	↓ 76.7%
30338	159	155	0.59%	18	<10	↓ 61.1%
30339	288	295	1.12%	29	<10	↓ 75.9%
30340	36	36	0.14%	<10	<10	-
30341	39	38	0.14%	<10	0	↓ 100.0%
30342	1106	1123	4.26%	72	59	↓ 18.1%
30344	818	843	3.20%	69	38	↓ 44.9%

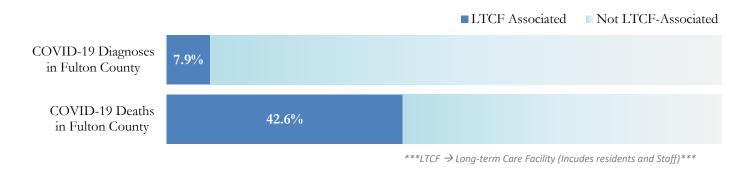
30345	33	34	0.13%	0	0	-
30349	1667	1689	6.41%	127	49	↓ 61.4%
30350	534	548	2.08%	29	44	↑ 51.7%
30354	394	404	1.53%	26	10	↓ 61.5%
30358	<10	<10	<0.1%	0	<10	-
30363	56	58	0.22%	<10	0	↓ 100.0%
30374	31	31	0.12%	0	0	-
30606	<10	<10	<0.1%	0	0	-
31131	<10	<10	<0.1%	<10	<10	-
31150	<10	<10	<0.1%	0	0	-
Unknown	798	766	2.91%	43	49	-

¹New 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. ²Percent 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 <u>both</u> 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.

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

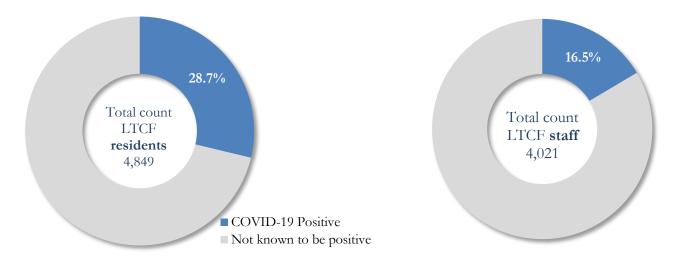
Older persons (aged 65 years and older) and persons who live in nursing homes or other long-term care facilities seem to be at higher risk for developing more serious complications from COVID-19. Extra precautions are recommended for individuals within this risk groups – Centers for Disease Control and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

Fig. 27. COVID-19 Diagnoses and Deaths in Fulton County Associated with Long-Term Care Facilities



COVID-19 POSITIVITY:

Fig. 28. COVID-19 Positivity at 60 reporting Long-Term Care Facilities (LTCF) in Fulton County



COVID-19 Cases, Hospitalizations, and Deaths among 64 reporting Long-Term Care Facilities in Fulton County

	LTCF Residents (n=4,849)			LTCF Staff (n=4,021)		
	Cases	Hospitalizations	Deaths	Cases	Hospitalizations	Deaths
Average (count per fac.) ¹	22	5	4	10	1	< 0.1
Median (count per fac.) ¹	8	2	0	7	0	0
Lowest counts	1	0	0	0	0	0
Highest counts	137	48	29	66	8	2
Total Count	1394 (28.7%) ^a	302 (21.7%) ^b	230 (16.5%) ^b	662 (16.5%) ^a	32 (4.8%) ^b	5 (<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.