

SUMMARY

- As of November 10, 2020, Fulton County has recorded **32,912 cases of the 2019 novel coronavirus** (COVID-19) and **642 confirmed COVID-19 deaths.** 85 deaths are currently being reviewed by GA DPH to confirm cause of death.
- Of the **1,983 new cases** between October 21 and November 3, the central portion of the county (Atlanta) accounted for 46% while the northern and southern parts accounted for 35% and 15% respectively.
- By city, new COVID-19 case rates range from 122.5 per 100,000 persons (College Park) to 223.9 per 100,000 persons (Sandy Springs). [Fulton County Diagnoses Rates (per 100,000 persons): Cumulative 2994.2; Incidence –180.4]. See map showing incident case rate by ZIP code on Pg.17.
- Among all persons diagnosed with COVID-19 in Fulton County since June 1, 6.4% required hospitalization and 1.3% died.
- Of all testing done in Fulton County between October 26 and November 8, the percent positivity rate was 5.0%.



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

*Counts shown reflect the number of confirmed cases as of 6:30 am on 11/10/20 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 are preliminary and subject to ongoing data cleaning processes, and thus are subject to change. This report includes data on confirmed PCR tests only. For data on antigen testing, see the GA DPH County Indicator Reports here.

DISTRIBUTION OF COVID-19 CASES BY REGION

New cases: 46% of the new COVID-19 cases in the past 2 weeks occurred in Atlanta while 35% and 15% occurred in the Northern and Southern regions of the county respectively.

Fulton Bogion	% Cumulative	% New	
Fulton Region	count	cases*	
Atlanta	29.1%	46.1%	
North ¹	44.3%	35.0%	
South ²	20.2%	15.3%	
Unincorporated/Unknown	6.4%	3.5%	

¹Includes all Fulton County cities north of Atlanta (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 10/21/20 – 11/3/20).



COVID-19 CASE COUNTS AND RATES BY CITY

	Prior (11/6/20)	Curren	nt Total (1	11/10/20)	New Cases (Period: 10/7/20 – 11/3/20) ¹			
	Count	Count	⁰∕₀	Cum. Rate ²	Recent 14 d. (10/21–11/3)	Prior 14 d. (10/7- 10/20)	% change ³	Rate⁴ (Last 14 d).
Alpharetta	1442	1469	4.5%	2271.5	104	58	↑ 79.3%	160.8
Atlanta	14304	14589	44.3%	3306.9	915	579	↑ 58.0%	207.4
Chattahoochee Hills	1	1	0.0%	-	0	0	-	-
College Park	414	420	1.3%	3026.6	17	19	↓ 10.5%	122.5
East Point	1114	1133	3.4%	3239.3	44	37	↑ 18.9%	125.8
Fairburn	516	523	1.6%	3555.9	26	18	↑ 44.4%	176.8
Hapeville	238	238	0.7%	3616.5	<10	16	↓ 43.8%	136.8
Johns Creek	1433	1479	4.5%	1768.4	131	80	↑ 63.8%	156.6
Milton	871	892	2.7%	2336.9	82	22	↑ 272.7%	214.8
Mountain Park	9	10	0.0%	1600.0	<10	0	-	-
Palmetto	138	139	0.4%	3179.3	<10	<10	↑ 100.0%	137.2
Roswell	2613	2652	8.1%	2813.6	140	140	-	148.5
Sandy Springs	2991	3076	9.3%	2918.1	236	103	↑ 129.1%	223.9
South Fulton	3263	3301	10.0%	3470.6	158	165	↓ 4.2%	166.1
Union City	884	900	2.7%	4293.9	44	49	↓ 10.2%	209.9
Unknown	2106	2090	6.4%	-	68	55	-	-

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% 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. 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 Cases (Oct 21- Nov 3, 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 Oct 21st and Nov 3rd, 2020 across Fulton County, excluding LTCF cases.





*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, muscle pain, headache, sore throat, congestion, nausea or vomiting, diarrhea, or 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 11/10/20 only. n = 22,542

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	Atlanta	South Fulton Cities ²	Unknown City	All Fulton
		Count (%)	Count (%)	Count (%)	Count (%)	Count (%)
Total C	COVID-19 cases	9578	14589	6655	2090	32912
Gende	r: Female	4910 (51.3%)	7162 (49.1%)	3740 (56.2%)	1006 (48.1%)	16818 (51.1%)
	Male	4512 (47.1%)	7068 (48.4%)	2802 (42.1%)	1018 (48.7%)	15400 (46.8%)
	Unknown*	156 (1.6%)	359 (2.5%)	113 (1.7%)	66 (3.2%)	694 (2.1%)
Age:	0-9	330 (3.4%)	278 (1.9%)	219 (3.3%)	52 (2.5%)	879 (2.7%)
	10-19	1394 (14.6%)	1085 (7.4%)	482 (7.2%)	138 (6.6%)	3099 (9.4%)
	20-29	2099 (21.9%)	4411 (30.2%)	1277 (19.2%)	553 (26.5%)	8340 (25.3%)
	30-39	1480 (15.5%)	3205 (22.0%)	1387 (20.8%)	452 (21.6%)	6524 (19.8%)
	40-49	1488 (15.5%)	1887 (12.9%)	1210 (18.2%)	320 (15.3%)	4905 (14.9%)
	50-59	1398 (14.6%)	1528 (10.5%)	911 (13.7%)	265 (12.7%)	4102 (12.5%)
	60-69	741 (7.7%)	1005 (6.9%)	609 (9.2%)	162 (7.8%)	2517 (7.6%)
	≥70	642 (6.7%)	1141 (7.8%)	555 (8.3%)	139 (6.7%)	2477 (7.5%)
	Unknown*	<10	49 (0.3%)	<10	<10	69 (0.2%)
Race:	Asian, NH	370 (3.9%)	256 (1.8%)	25 (0.4%)	34 (1.6%)	685 (2.1%)
	Black, NH	1092 (11.4%)	6441 (44.1%)	4740 (71.2%)	740 (35.4%)	13013 (39.5%)
	White, NH	4168 (43.5%)	3811 (26.1%)	314 (4.7%)	512 (24.5%)	8805 (26.8%)
	Hispanic	1800 (18.8%)	957 (6.6%)	561 (8.4%)	203 (9.7%)	3521 (10.7%)
	Other, NH	340 (3.5%)	535 (3.7%)	166 (2.5%)	76 (3.6%)	1117 (3.4%)
	Unknown*	1808 (18.9%)	2589 (17.7%)	849 (12.8%)	525 (25.1%)	5771 (17.5%)

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

*Unknown includes 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	143	312	167	20	642
Gende	e r: Female	67 (46.9%)	141 (45.2%)	86 (51.5%)	10 (50.0%)	304 (47.4%)
	Male	76 (53.1%)	170 (54.5%)	81 (48.5%)	10 (50.0%)	336 (52.3%)
	Unknown	0	<10	0	0	<10
Age:	≤ 29	<10	<10	<10	0	<10
	30-39	<10	<10	<10	<10	13 (2.0%)
	40-49	<10	<10	10 (6.0%)	<10	26 (4.0%)
	50-59	<10	27 (8.7%)	18 (10.8%)	<10	55 (8.6%)
	60-69	17 (11.9%)	61 (19.6%)	37 (22.2%)	<10	116 (18.1%)
	≥70	112 (78.3%)	203 (65.1%)	98 (58.7%)	13 (65.0%)	426 (66.4%)
	Unknown	0	<10	0	0	<10
Race:	Asian, NH	<10	<10	<10	0	10 (1.6%)
	Black, NH	26 (18.2%)	260 (83.3%)	138 (82.6%)	<10	433 (67.4%)
	White, NH	98 (68.5%)	41 (13.1%)	20 (12.0%)	10 (50.0%)	169 (26.3%)
	Hispanic	14 (9.8%)	<10	<10	<10	26 (4.0%)
	Other, NH	0	<10	<10	0	<10
	Unknown	<10	<10	0	0	<10

¹Includes all Fulton County cities north of Atlanta (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. This table includes data on all confirmed COVID-19 deaths and is subject to change as GA DPH completes cause of death confirmation processes.

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 (Oct 21 - Nov 3, 2020)

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



In the past two weeks, the city of Atlanta accounted for the majority of new cases.

Apr 12 Apr 26 May 10 May 24 Jun 7

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



About 18% of COVID cases are missing data on patient race and ethnicity. The majority of new cases in the past two weeks were White, NH (42%) and Black, NH (40%).

Mar 30 - Apr 13 - Apr 27 - May 11 - May 25 - Jun 8 - Jun 22 - Jul 6 - Jul 21 - Aug 3 - Aug 17 - Aug 31 - Sept 14 - Sept 28 - Oct 12 - Oct 26 -

Aug 2 Aug 16 Aug 30 Sept 13 Sept 27 Oct 11 Oct 25 Nov 8

Jul 20

Jun 21 Jul 5

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



Fig. 15. Trends in Age Distribution of COVID-19 Cases in Fulton County by 14-day periods



Earlier (March-May 2020) large proportions of reported cases were among persons aged 60 and older. In the most recent two weeks, 20-29 year olds accounted for the highest number of new cases among all age groups, followed by 30-39 year olds.



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



*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.

Fig. 17. New COVID-19 Cases 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.



*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. 21. 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. 22. 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 TESTING AND POSITIVITY IN FULTON COUNTY BY AGE AND RACE



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



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



Fig. 25. COVID-19 Tests by Race and Ethnicity in Fulton County by 14-day Periods

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



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

COVID-19 CASE COUNTS BY ZIP CODE

	Prior (11/6/20)	Current Tot	Current Total (11/10/20)		New Cases (Period: 10/7/20 – 11/30/20) ¹			
	Count	Count	%	Recent 14 d.	Prior 14 d.	% change ²		
All Fulton	32337	32912	100%	(Oct 21– Nov 3) 1996	(Oct 7 – Oct 20) 1353	↑ 47.5%		
30004	1099	1126	3.42%	95	32	↑ 196.9%		
30005	626	644	1.96%	59	29	↑ 103.4%		
30005	542	549	1.67%	33	18	↑ 83.3%		
30022	1427	1456	1.01%	96	78	↑ 23.1%		
30022	<10	<10	<0.1%	0	0	23.170		
30023	17	18	<0.1%	<10	<10	-		
30075	1270	1294	3.93%	79	58	↑ 36.2%		
30076	1273	1294	3.89%	61	77	↓ 20.8%		
30080	<10	<10	<0.1%	<10	0	↓ 20.070 -		
30097	323	339	1.03%	43	14	↑ 207.1%		
30098	-	-	1.0370	0	0	-		
30135	<10	<10	< 0.1%	0	0	_		
30138	<10	<10	<0.1%	0	0	_		
30139	-10	-10		0	0	_		
30213	1249	1267	3.85%	69	56	↑ 23.2%		
30268	214	212	0.64%	<10	<10	-		
30291	878	890	2.70%	40	53	↓ 24.5%		
30296	69	72	0.22%	<10	<10	↓ 21.570 -		
30301	11	11	<0.1%	0	<10	↓ 100.0%		
30303	418	429	1.30%	25	27	↓ 7.4%		
30305	951	978	2.97%	92	38	↑ 142.1%		
30306	402	409	1.24%	27	12	↑ 125.0%		
30307	224	227	0.69%	15	12	↑ 25.0%		
30308	699	714	2.17%	65	39	↑ 66.7%		
30309	997	1024	3.11%	87	55	↑ 58.2%		
30310	848	859	2.61%	43	30	↑ 43.3%		
30311	883	896	2.72%	44	33	↑ 33.3%		
30312	918	944	2.87%	50	32	↑ 56.3%		
30313	328	332	1.01%	<10	<10	-		
30314	626	635	1.93%	25	13	↑ 92.3%		
30315	981	1006	3.06%	41	45	↓ 8.9%		
30316	435	438	1.33%	26	11	↑ 136.4%		
30318	1991	2022	6.14%	114	68	↑ 67.6%		
30319	172	177	0.54%	<10	13	↓ 38.5%		
30321	11	12	< 0.1%	<10	<10	-		
30324	1044	1058	3.21%	62	32	↑ 93.8%		
30326	305	315	0.96%	39	17	↑ 129.4%		
30327	701	726	2.21%	73	43	↑ 69.8%		
30328	1000	1033	3.14%	98	41	↑ 139.0%		
30331	1959	1975	6.00%	77	69	↑ 11.6%		
30334	13	13	<0.1%	0	<10	↓ 100.0%		
30336	92	92	0.28%	<10	<10	-		
30337	393	400	1.22%	18	18	-		
30338	104	97	0.29%	<10	<10	-		
30339	264	259	0.79%	<10	<10	-		
30340	31	33	0.10%	0	<10	↓ 100.0%		
30341	32	31	<0.1%	0	0	-		
30342	1374	1403	4.26%	98	32	↑ 206.3%		
30344	1016	1034	3.14%	35	29	↑ 20.7%		
30345	25	24	<0.1%	0	0	-		

30349	2053	2079	6.32%	95	102	↓ 6.9%
30350	741	763	2.32%	45	29	↑ 55.2%
30354	488	492	1.49%	23	26	↓ 11.5%
30358	<10	<10	< 0.1%	0	0	-
30363	79	82	0.25%	<10	<10	-
30374	31	31	<0.1%	0	0	-
30606	<10	<10	<0.1%	0	0	-
31131	<10	<10	<0.1%	<10	0	-
31150	<10	<10	<0.1%	0	0	-
Unknown	685	686	2.08%	27	27	-

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 64 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

	LT	CF Residents (n=4,8	876)	LTCF Staff (n=4,030)			
	Cases	Hospitalizations	Deaths	Cases	Hospitalizations	Deaths	
Average (count per fac.) ¹	24	5	4	11	1	< 0.1	
Median (count per fac.) ¹	10	2	1	8	0	0	
Lowest counts	0	0	0	0	0	0	
Highest counts	138	48	30	66	8	2	
Total Count	1560 (32.0%) ^a	318 (20.4%) ^b	244 (15.6%) ^b	707 (17.5%) ^a	32 (4.5%) ^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.