

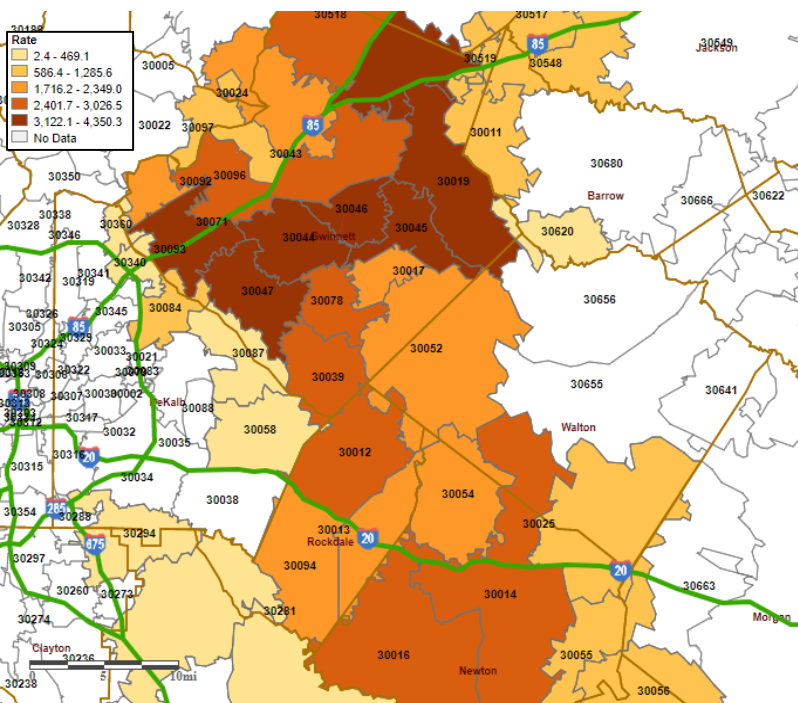
# Gwinnett, Newton, & Rockdale County Health Departments



## COVID-19 Snapshot, data as of 9am October 5, 2020

This is an emerging and dynamic situation, therefore our data and recommendations are subject to change. This report provides a snapshot of COVID-19 illnesses and specimen collection operations in response to the COVID-19 pandemic. The purpose of this report is to provide situational awareness to our district partners and community members.

### COVID-19 Incidence Rate per 100,000 by zip-code, as of October 5, 2020



COVID-19 Cases & Deaths*				
	Confirmed cases	Presumptive Cases	Total Cases†	Total Deaths†
Gwinnett County	27,740	1,450	29,190	430
Newton County	2,614	228	2,842	93
Rockdale County	1,875	74	1,949	38
<b>Total</b>	<b>32,230</b>	<b>1,752</b>	<b>33,981</b>	<b>561</b>
Illness Characteristics*† N=33,981; n=561				
	Among all Cases		Among Deaths	
Gender				
Male	15,390 (45%)		279 (50%)	
Female	17,763 (52%)		282 (50%)	
Median Age (years)	38		74	
Age range (years)	0 – 103		15 - 102	
Total Hospitalizations	3,194 (9%)		430 (77%)	
Total with Underlying Conditions	6,587 (59%)**		414 (99%)**	
Underlying Conditions unknown	22,796		147	

### Total Cases & Deaths by Race\*† N = 33,981; Total Deaths n=561

	Among all Cases	Among Deaths		Among all Cases	Among Deaths
<b>Asian</b>	<b>1,385 (4.08%)</b>	<b>36 (6.42%)</b>	<b>White</b>	<b>11,330 (33.34%)</b>	<b>305 (54.37%)</b>
Hispanic/Latino	14 (0.04%)	0 (0%)	Hispanic/Latino	4,834 (14.23%)	59 (10.52%)
Non-Hispanic/ Latino	1,109 (3.26%)	36 (6.42%)	Non-Hispanic/ Latino	5,468 (16.09%)	245 (43.67%)
Not Specified	262 (0.77%)	0 (0%)	Not Specified	1,028 (3.03%)	<5 (0.18%)
<b>Black</b>	<b>6,524 (19.20%)</b>	<b>162 (28.88%)</b>	<b>Other</b>	<b>2,959 (8.71%)</b>	<b>46 (8.20%)</b>
Hispanic/Latino	135 (0.40%)	<5 (0.18%)	Hispanic/Latino	1,998 (5.88%)	46 (8.20%)
Non-Hispanic/ Latino	5,430 (15.98%)	159 (28.34%)	Non-Hispanic/ Latino	365 (1.07%)	0 (0%)
Not Specified	959 (2.82%)	<5 (0.36%)	Not Specified	596 (1.75%)	0 (0%)
<b>Native Hawaiian/Pacific Islander</b>	<b>47 (0.14%)</b>	<b>&lt;5 (0.53%)</b>	<b>Unknown</b>	<b>11,706 (34.45%)</b>	<b>7 (1.25%)</b>
Hispanic/Latino	9 (0.02%)	0 (0%)	Hispanic/Latino	1,439 (4.23%)	<5 (0.55%)
Non-Hispanic/ Latino	30 (0.09%)	<5 (0.53%)	Non-Hispanic/ Latino	390 (1.15%)	<5 (0.37%)
Not Specified	8 (0.02%)	0 (0%)	Not Specified	9,877 (29.07%)	<5 (0.37%)
<b>American Indian/Alaskan Native</b>	<b>30 (0.09%)</b>	<b>&lt;5 (0.36%)</b>	*Data Source: GA DPH, State Electronic Disease Surveillance System		
Hispanic/Latino	5 (0.01%)	0 (0%)	**Among patients with underlying conditions information available		
Non-Hispanic/ Latino	21 (0.06%)	<5 (0.36%)	Note: All data is provisional as data reporting, investigation, cleaning, and validating is ongoing.		
Not Specified	<5 (0.01%)	0 (0%)	† Represents total confirmed and presumptive cases		

Due to the increasing availability of antigen testing, effective 9/1/2020, we will begin reporting antigen positives in addition to PCR positive patients. Patients testing positive with an antigen test are considered presumptive cases and warrant Public Health investigation and control measures, but are not included in confirmed case counts. The remainder of data reported in this report will include total cases which encompasses confirmed and presumptive.

# Gwinnett, Newton, & Rockdale County Health Departments

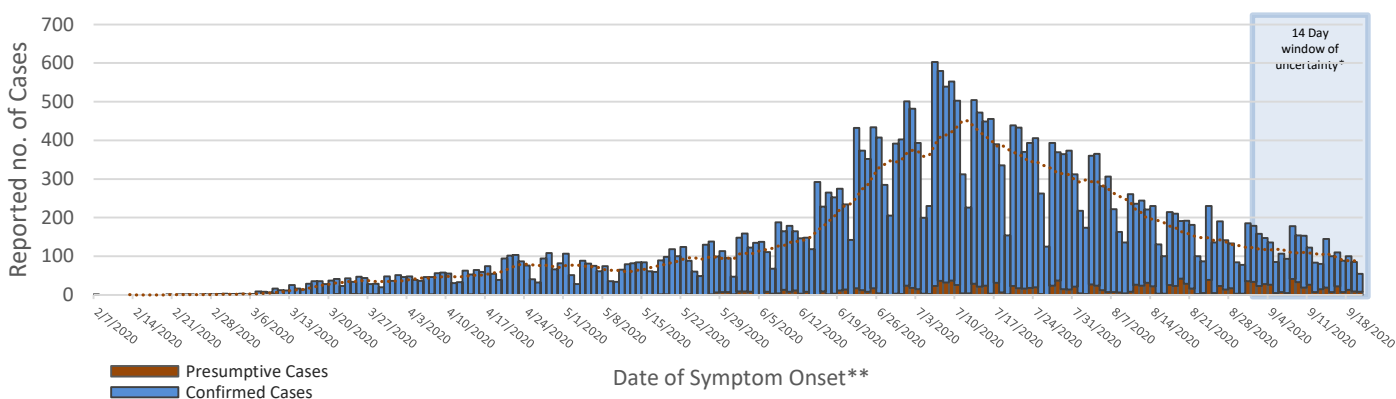


## COVID-19 Snapshot, data as of 9am October 5, 2020

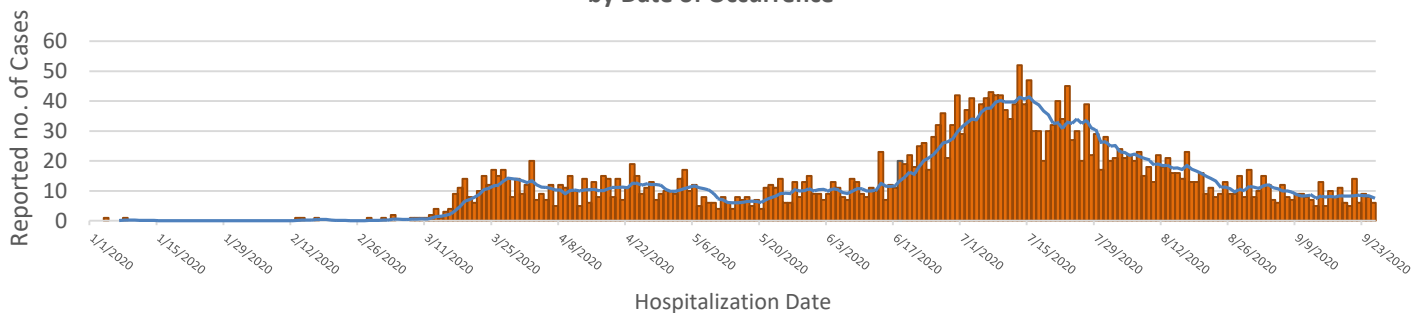
Gwinnett, Newton, and Rockdale County Health Department's Epidemiology Program is responsible for investigating every case of COVID-19 with laboratory evidence of recent infection. The data displayed here represents the Epidemiology Program's activities and provides a portrayal of the current situation in the district.

Per Gwinnett, Newton, and Rockdale County Health Departments reporting policy only COVID-19 cases with laboratory evidence of recent infection that reside within the three counties that make up the district are displayed here. According to the Centers for Disease Control and Prevention the case definition of COVID-19 case with laboratory evidence of recent infection does not include serology (i.e. antibody tests). These tests are reportable, but because they are not included in the case definition for a COVID-19 case with laboratory evidence of recent infection, are not displayed here.

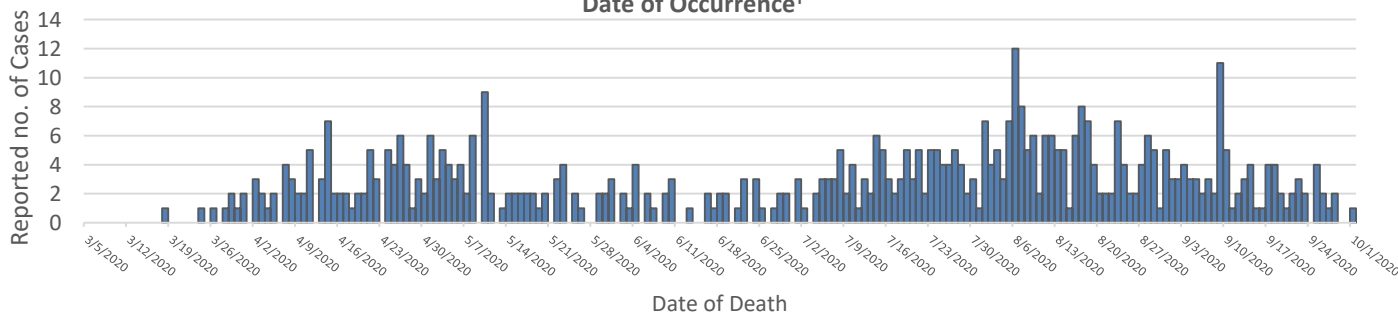
Reported COVID-19 Cases in residents of Gwinnett, Newton, and Rockdale Counties, as of 10/5/2020<sup>†</sup>



Reported Hospitalizations of COVID-19 cases in residents of Gwinnett, Newton, and Rockdale Counties, by Date of Occurrence<sup>†</sup>



Reported Deaths Among COVID-19 Cases in residents of Gwinnett, Newton, and Rockdale Counties, by Date of Occurrence<sup>†</sup>



<sup>†</sup>14-day window of uncertainty – Confirmed cases over the last 14 days may not be accounted for due to illnesses yet to be reported or test result that may still be pending.

<sup>\*\*</sup>For individuals missing symptom onset date, date of first positive specimen collection was used, if both symptom onset and date of first specimen collection are both missing date reported to Public Health Was used

<sup>†</sup>Represents total confirmed and presumptive cases

Source for data provided above: GA DPH, State Electronic Disease Surveillance System; Note: All data is provisional as data reporting, investigation, cleaning, and validating is ongoing

Positivity Data from GNR Specimen Collection Sites, as Compared with all Reported Lab Specimens from Gwinnett, Newton, Rockdale Counties and GA (Cumulative - 3/1/2020 – 10/5/2020).

Two specimen Collection Sites (SPOCs) operate daily in Gwinnett and one alternating weeks in Newton and Rockdale Counties. SPOCs continue to offer specimen collection services at no cost to patients. Specimen collection at SPOC sties is done by appointment only. Appointments can be made on our website at [www.gnrhealth.com](http://www.gnrhealth.com) or by calling 770-513-5631. A total of 4,000-5,000 specimens are collected each week.

	GNR SPOCs	Gwinnett	Newton	Rockdale	Georgia
Positive Tests	8,252 (10.1%)	25,347 (10.6%)	2,432 (9.3%)	1,824 (8.1%)	303,602 (10.0%)
Negative Tests	73,740 (89.8%)	213,842 (89.4%)	23,467 (90.7%)	20,676 (91.9%)	2,729,155 (90.0%)
Total Tests	82,517*	239,189	25,899	22,500	3,032,757

Data Source, SENDSS, Testing by District/County Quick Report. Data numbers may not align with current totals due to delay in report functionality . Report run 10/5/20.\*Total includes pending and indeterminate test results.

7-day Positivity Data by County for Gwinnett, Newton, and Rockdale Counties, Week 9/26/2020-10/2/2020

7-day positivity data represents the percentage of positive PCR test results in the district, by county, for the previous 7-day period. All COVID-19 cases are required to be reported to Public Health, but because of a significant reporting delay from facilities to Public Health, these numbers are provisional and subject to change. Also, due to the wide availability of testing in the community, numbers can include individuals who have been tested more than once.

Seven Day Positivity Data			
	Gwinnett	Newton	Rockdale
Positive Tests	522 (5.6%)	54 (4.8%)	28 (4.0%)
Negative Tests	8,798 (95.4%)	820 (96.2%)	679 (96.0%)
Total Tests	9,320	1,114	707

Data Source, SENDSS, Testing by District/County Quick Report. Data numbers may not align with current totals due to delay in report functionality . Report run 10/5/20 12pm.

14-day Case Rates for Gwinnett, Newton, and Rockdale Counties by Zip Code.

COVID-19 case rate data is calculated using the total number of cases identified during a specified time frame, divided by the population living within that zip code, multiplied by 100,000. Zip Codes with smaller population sizes may see significant variability from week to week. All COVID-19 cases are required to be reported to local public health; however, there can often be a significant reporting delay from facilities to public health. Therefore, these numbers are provisional and subject to change. In accordance with DPH, the date a lab is reported is the date used to calculate two-week case rates. This date will differ, sometimes significantly, from the date an individual becomes ill with symptoms of COVID-19 or the date an individual tested positive for COVID-19.

Two week Case Rates per 100,000 by Zip Code N=1,554; Week 9/19/20 – 10/2/20†										
County	Zip	# of Cases	Case Rate	% Change	County	Zip	# of cases	Case Rate	% Change	
Gwinnett	30011	9	58.34	-43.75	Gwinnett	30518	82	144.65	-4.65	
	30017	29	118.77	-30.95		30519	111	239.15	5.71	
	30019	115	233.45	-0.86		30548	14	75.15	55.56	
	30024	83	107.33	-22.43		30620	<5	14.66	0.00	
	30039	49	106.23	-5.77	Newton	30014	47	122.25	-22.95	
	30043	153	168.73	-2.55		30016	58	100.93	-13.43	
	30044	157	178.33	-11.80		30025	<5	21.49	0.00	
	30045	53	131.91	-3.64		30054	11	92.41	-26.67	
	30046	53	142.40	26.19		30055	<5	120.99	-20.00	
	30047	87	132.99	-5.43		30056	<5	45.11	-50.00	
	30052	48	72.77	-30.43	Rockdale	30012	25	90.56	-28.57	
	30071	37	146.72	-22.92		30013	29	109.98	0.00	
	30078	28	78.16	-40.43		30058	0	0.00	0.00	
	30084	21	54.57	-4.55		30094	25	71.58	4.17	
	30087	11	27.50	10.00		30252	0	0.00	0.00	
	30092	39	110.11	5.41		30281	0	0.00	0.00	
	30093	65	117.95	-24.42		30291	0	0.00	0.00	
						Overall 14-day Case Rates per 100,000				
	30096	51	75.05	-29.17	Georgia	-	-	18,357	175	-17.06
	30097	35	74.62	-25.53	Gwinnett	-	-	1,305	141	-9.62
	30340	7	24.98	0.00	Newton	-	-	111	101	-21.09
	30360	7	43.95	75.00	Rockdale	-	-	77	85	-17.48
30517	6	40.94	-40.00	Data Source: DPH County Indicator Report, SendSS, data pulled and cleaned as of Monday at 9am. Case rate is reported as 14-day case count per 100k residents based on 2018 census data Case counts and case rates are calculated using total confirmed and presumptive cases.						

Source for data provided above: GA DPH, State Electronic Disease Surveillance System; Note: All data is provisional as data reporting, investigation, cleaning, and validating is ongoing; † Represents total confirmed and presumptive cases

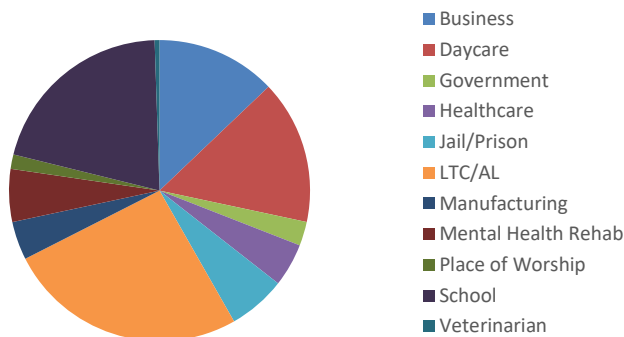
# Epidemiology Overview for Outbreaks



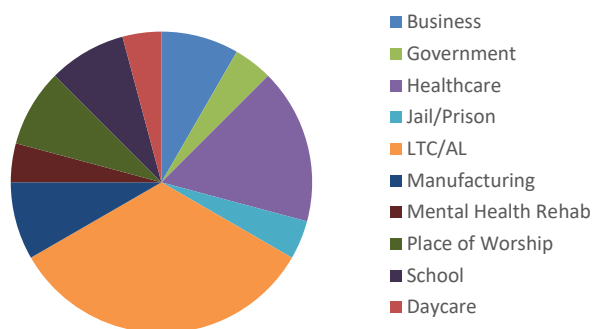
## COVID-19 Snapshot, data as 12pm October 5, 2020

All three counties within the districts are experiencing outbreaks of COVID-19. The information below is intended to provide information on where outbreaks are occurring within the district by county. Totals represent data collected since March 19, 2020.

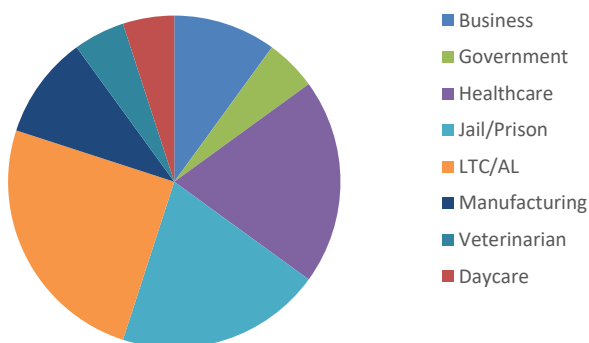
Number of Outbreaks by Facility Type for Gwinnett County



Number of Outbreaks by Facility type for Newton County



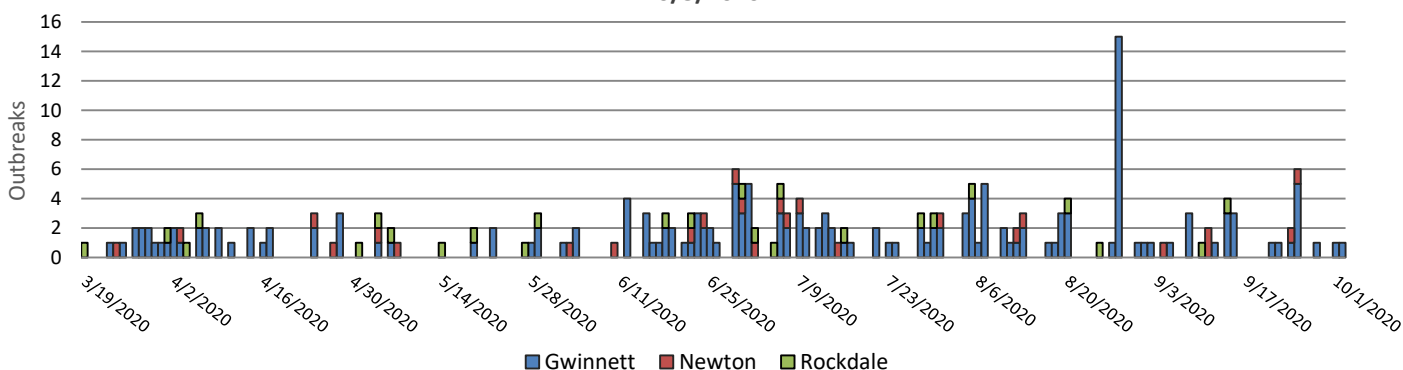
Number of Outbreaks by Facility Type for Rockdale County



Number of Outbreaks by Facility Type N=238

Facility Type	Gwinnett n=194	Newton n=24	Rockdale n=20
Business	12.89%	8.33%	10.00%
Government	15.46%	4.17%	5.00%
Daycare	2.58%	4.17%	5.00%
Healthcare	4.64%	16.67%	20.00%
Jail/Prison	6.19%	4.17%	20.00%
LTC/AL	25.77%	33.33%	25.00%
Manufacturing	4.12%	8.33%	10.00%
Mental Health Rehab	5.67%	4.17%	0%
Place of Worship	1.55%	8.33%	0%
Schools	20.62%	8.33%	0%
Veterinarian	0.52%	0%	5.00%

Number of Outbreaks Per County Over Time, Gwinnett, Newton and Rockdale Counties, as of 10/5/2020



# Epidemiology Overview for Gwinnett County



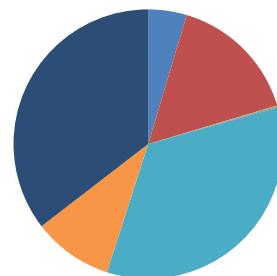
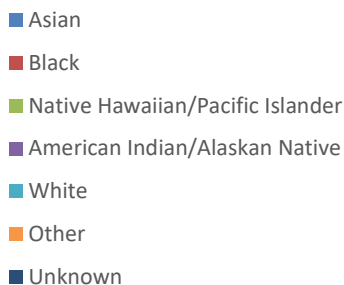
## COVID-19 Snapshot, data as of 9am October 5, 2020

Provided here is a detailed look at the activities of the Epidemiology Program in Gwinnett County, one of three counties represented in district 3-4. Gwinnett county's population is 936, 250 and makes up 82.2% of residents within the district.

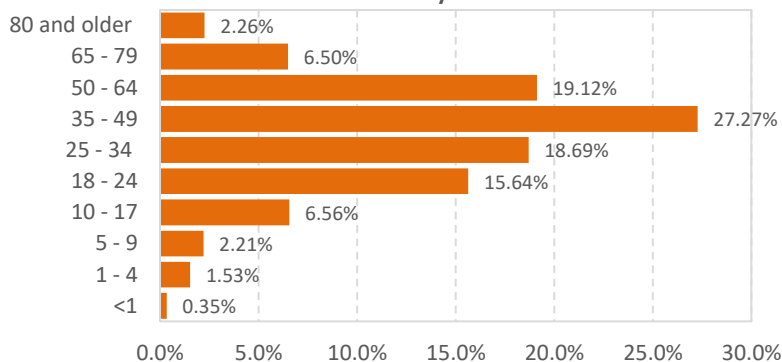
In Gwinnett County there has been a 2.8% increase in newly confirmed COVID-19 Cases between the week of 9/21/20 – 9/28/2020 (n=28,386) and 9/28/20 – 10/5/2020 (n=29,190).

COVID-19 Cases & Deaths*				
	Confirmed Cases	Presumptive Cases	Total Cases†	Total Deaths†
Outbreak	1,210	33	1,243	153
Total	27,740	1,450	29,190	430
Illness Characteristics*† N=29,190; n=430				
	Among all Cases		Among Deaths	
Gender				
Male	13,340(46%)		216 (50%)	
Female	15,124 (52%)		214 (50%)	
Median Age (years)	38		73	
Age range (years)	0 – 103		15 - 102	
Total Hospitalizations	2,696 (9%)		347 (81%)	
Total with Underlying Conditions	5,466 (58%)**		333 (99%)**	
Underlying Conditions unknown	19,779		94	

## Race Distribution of Cases in Gwinnett County



## Age Distribution of Cases in Gwinnett County



Total Cases & Deaths by Race*† N = 29,190; Total Deaths n=430					
	Among all Cases	Among Deaths		Among all Cases	Among Deaths
Asian	1,348 (4.62%)	36 (8.37%)	White	10,023 (34.34%)	233 (54.19%)
Hispanic/Latino	14 (0.05%)	0 (0%)	Hispanic/Latino	4,543 (15.56%)	56 (13.02%)
Non-Hispanic/ Latino	1,078 (3.69%)	36 (8.37%)	Non-Hispanic/ Latino	4,548 (15.58%)	176 (40.93%)
Not Specified	256 (0.88%)	0 (0%)	Not Specified	932 (3.19%)	<5 (0.23%)
Black	4,599 (15.76%)	108 (25.12%)	Other	2,801 (9.60%)	45 (10.47%)
Hispanic/Latino	117 (0.40%)	<5 (0.23%)	Hispanic/Latino	1,921 (6.58%)	45 (10.47%)
Non-Hispanic/ Latino	3,783 (12.96%)	106 (24.65%)	Non-Hispanic/ Latino	338 (1.16%)	0 (0%)
Not Specified	699 (2.39%)	<5 (0.23%)	Not Specified	542 (1.86%)	0 (0%)
Native Hawaiian/Pacific Islander	45 (0.15%)	<5 (0.70%)	Unknown	10,348 (35.45%)	5 (1.16%)
Hispanic/Latino	9 (0.03%)	0 (0%)	Hispanic/Latino	4,543 (4.76%)	<5 (0.47%)
Non-Hispanic/ Latino	28 (0.10%)	<5 (0.70%)	Non-Hispanic/ Latino	347 (1.19%)	<5 (0.23%)
Not Specified	8 (0.03%)	0 (0%)	Not Specified	8,612 (29.50%)	<5 (0.47%)
American Indian/Alaskan Native	26 (0.09%)	0 (0%)	*Data Source: GA DPH, State Electronic Disease Surveillance System		
Hispanic/Latino	<5 (0.01%)	0 (0%)	**Among patients with underlying conditions information available		
Non-Hispanic/Latino	18 (0.06%)	0 (0%)	Note: All data is provisional as data reporting, investigation, cleaning, and validating is ongoing.		
Not Specified	<5 (0.01%)	0 (0%)	† Represents total confirmed and presumptive cases		

\*Data Source: GA DPH, State Electronic Disease Surveillance System

\*\*Among patients with underlying conditions information available

Note: All data is provisional as data reporting, investigation, cleaning, and validating is ongoing.

† Represents total confirmed and presumptive cases

Confirmed cases are those tested using Molecular Tests (i.e. PCR).  
Presumptive Cases are those tested using Antigen Tests.

# Epidemiology Overview for Newton County

## COVID-19 Snapshot, data as of 9am October 5, 2020

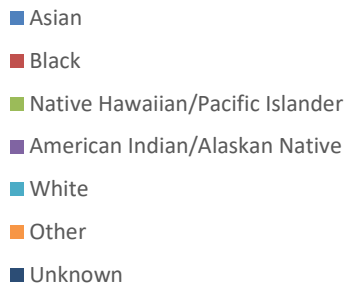


Provided here is a detailed look at the activities of the Epidemiology Program in Newton County, one of three counties represented in district 3-4. Newton county's population is 111, 744 and makes up 9.8% of residents within the district.

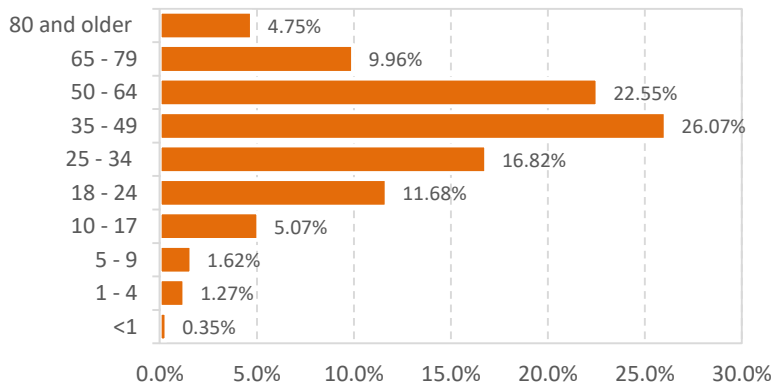
In Newton County there has been a 3.0% increase in newly confirmed COVID-19 Cases between the week of 9/21/20 – 9/28/20 (n=2,758) and 9/28/20 – 10/5/20 (n=2,842).

COVID-19 Cases & Deaths*				
	Confirmed Cases	Presumptive Cases	Total Cases†	Total Deaths†
Outbreak	247	5	252	44
Total	2,614	228	2,842	93
Illness Characteristics*† N=2,842; n=93				
	Among all Cases		Among Deaths	
Gender				
Male	1,203 (42%)		44 (47%)	
Female	1,579 (56%)		46 (53%)	
Median Age (years)	44		79	
Age range (years)	0 – 100		50 - 98	
Total Hospitalizations	273 (10%)		52 (56%)	
Total with Underlying Conditions	625 (62%)**		46 (96%)**	
Underlying Conditions unknown	1,830		45	

### Race Distribution of Cases in Gwinnett County



### Age Distribution for Newton County



Total Cases & Deaths by Race*† N = 2,842; Total Deaths n=93					
	Among all Cases	Among Deaths		Among all Cases	Among Deaths
Asian	13 (0.46%)	0 (0%)	White	892 (31.39%)	58 (62.37%)
Hispanic/Latino	0 (0%)	0 (0%)	Hispanic/Latino	136 (4.79%)	<5 (1.08%)
Non-Hispanic/ Latino	11 (0.39%)	0 (0%)	Non-Hispanic/ Latino	686 (24.14%)	57 (61.29%)
Not Specified	<5 (0.07%)	0 (0%)	Not Specified	70 (2.46%)	0 (0%)
Black	1,068 (37.58%)	33 (35.48%)	Other	75 (2.64%)	0 (0%)
Hispanic/Latino	10 (0.35%)	0 (0%)	Hispanic/Latino	32 (1.13%)	0 (0%)
Non-Hispanic/ Latino	918 (32.30%)	33 (35.48%)	Non-Hispanic/ Latino	10 (0.35%)	0 (0%)
Not Specified	140 (4.93%)	0 (0%)	Not Specified	33 (1.16%)	0 (0%)
Native Hawaiian/Pacific Islander	0 (0%)	0 (0%)	Unknown	792 (27.87%)	<5 (1.08%)
Hispanic/Latino	0 (0%)	0 (0%)	Hispanic/Latino	19 (0.67%)	0 (0%)
Non-Hispanic/ Latino	0 (0%)	0 (0%)	Non-Hispanic/ Latino	36 (1.27%)	<5 (1.08%)
Not Specified	0 (0%)	0 (0%)	Not Specified	737 (25.93%)	0 (0%)
American Indian/Alaskan Native	<5 (0.07%)	<5 (1.08%)	*Data Source: GA DPH, State Electronic Disease Surveillance System **Among patients with underlying conditions information available		
Hispanic/Latino	<5 (0.04%)	0 (0%)	Note: All data is provisional as data reporting, investigation, cleaning, and validating is ongoing.		
Non-Hispanic/Latino	<5 (0.04%)	<5 (1.08%)	† = Represents total confirmed and presumptive cases		
Not Specified	0 (0%)	0 (0%)			

\*Data Source: GA DPH, State Electronic Disease Surveillance System

\*\*Among patients with underlying conditions information available

Note: All data is provisional as data reporting, investigation, cleaning, and validating is ongoing.

† = Represents total confirmed and presumptive cases

Confirmed cases are those tested using Molecular Tests (i.e. PCR).

Presumptive Cases are those tested using Antigen Tests.



# Epidemiology Overview for Rockdale County

## COVID-19 Snapshot, data as of 9am October 5, 2020



Provided here is a detailed look at the activities of the Epidemiology Program in Rockdale County, one of three counties represented in district 3-4. Rockdale county's population is 90, 896 and makes up 7.9% of residents within the district.

In Rockdale County there has been a 2.1% increase in newly confirmed COVID-19 Cases between the week of 9/21/2020 – 9/28/2020 (n=1,908) and 9/28/2020 – 10/5/2020 (n=1,949).

### COVID-19 Cases & Deaths\*

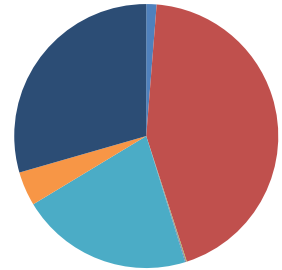
	Confirmed Cases	Presumptive Cases	Total Cases†	Total Deaths†
Outbreak	93	2	95	3
Total	1,875	74	1,949	38

### Illness Characteristics\*† N=1,949; n=38

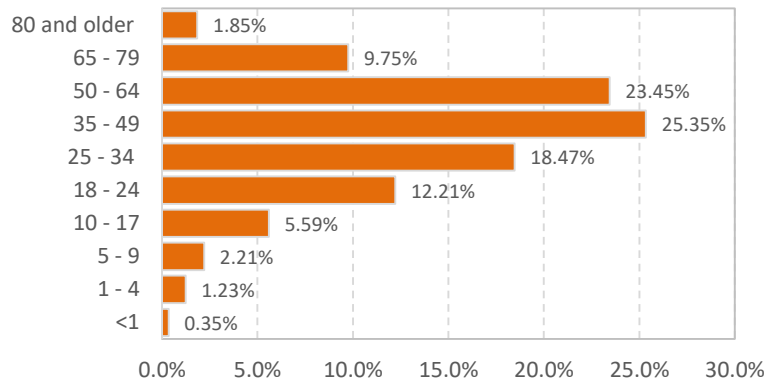
	Among all Cases	Among Deaths
Gender		
Male	846 (43%)	19 (50%)
Female	1,060 (54%)	19 (50%)
Median Age (years)	41	69
Age range (years)	0 – 100	27 – 93
Total Hospitalizations	225 (12%)	31 (82%)
Total with Underlying Conditions	496 (65%)**	30 (100%)**
Underlying Conditions unknown	1,187	8

### Race Distribution of Cases in Gwinnett County

- Asian
- Black
- Native Hawaiian/Pacific Islander
- American Indian/Alaskan Native
- White
- Other
- Unknown



### Age Distribution for Rockdale County



### Total Cases & Deaths by Race\*† N = 1,949; Total Deaths n=38

	Among all Cases	Among Deaths		Among all Cases	Among Deaths
<b>Asian</b>	<b>24 (1.23%)</b>	<b>0 (0%)</b>	<b>White</b>	<b>415 (21.29%)</b>	<b>14 (36.84%)</b>
Hispanic/Latino	0 (0%)	0 (0%)	Hispanic/Latino	155 (7.95%)	<5 (5.26%)
Non-Hispanic/ Latino	20 (1.03%)	0 (0%)	Non-Hispanic/ Latino	234 (12.01%)	12 (31.58%)
Not Specified	<5 (0.21%)	0 (0%)	Not Specified	26 (1.33%)	0 (0%)
<b>Black</b>	<b>857 (43.97%)</b>	<b>21 (55.26%)</b>	<b>Other</b>	<b>83 (4.26%)</b>	<b>&lt;5 (2.63%)</b>
Hispanic/Latino	8 (0.41%)	0 (0%)	Hispanic/Latino	45 (2.31%)	<5 (2.63%)
Non-Hispanic/ Latino	729 (37.40%)	20 (52.63%)	Non-Hispanic/ Latino	17 (0.87%)	0 (0%)
Not Specified	120 (6.16%)	<5 (2.63%)	Not Specified	21 (1.08%)	0 (0%)
<b>Native Hawaiian/Pacific Islander</b>	<b>&lt;5 (0.10%)</b>	<b>0 (0%)</b>	<b>Unknown</b>	<b>566 (29.04%)</b>	<b>&lt;5 (2.63%)</b>
Hispanic/Latino	0 (0%)	0 (0%)	Hispanic/Latino	31 (1.59%)	0 (0%)
Non-Hispanic/ Latino	<5 (0.10%)	0 (0%)	Non-Hispanic/ Latino	7 (0.36%)	0 (0%)
Not Specified	0 (0%)	0 (0%)	Not Specified	528 (27.09%)	<5 (2.63%)
<b>American Indian/Alaskan Native</b>	<b>&lt;5 (0.10%)</b>	<b>&lt;5 (2.63%)</b>	*Data Source: GA DPH, State Electronic Disease Surveillance System **Among patients with underlying conditions information available Note: All data is provisional as data reporting, investigation, cleaning, and validating is ongoing. † Represents total confirmed and presumptive cases		
Hispanic/Latino	0 (0%)	0 (0%)			
Non-Hispanic/Latino	<5 (0.10%)	<5 (2.70%)			
Not Specified	0 (0%)	0 (0%)			

Confirmed cases are those tested using Molecular Tests (i.e. PCR).  
Presumptive Cases are those tested using Antigen Tests.